

	Gene Name	Chromosome	Mutation Position	Cancer Type/Subtype
1	OR4F5	1	69532	melanoma
2	OR4F5	1	69532	melanoma
3	OR4F5	1	69532	melanoma
4	NOC2L	1	881885	melanoma
5	NOC2L	1	881885	melanoma
6	NOC2L	1	881885	melanoma
7	KLHL17	1	896683	lung
8	KLHL17	1	898191	bladder
9	KLHL17	1	898191	bladder
10	PLEKHN1	1	907516	melanoma
11	AGRN	1	977377	melanoma
12	AGRN	1	981607	Gbm
13	AGRN	1	981607	IDHwt
14	AGRN	1	981607	IDHwt_priGBM
15	AGRN	1	981607	LGG GBM
16	AGRN	1	981607	LGM6_GBM
17	AGRN	1	981607	Proneural
18	AGRN	1	981876	bladder
19	SDF4	1	1159283	lung
20	SDF4	1	1159283	lung
21	SDF4	1	1159283	lung
22	SDF4	1	1164086	melanoma
23	UBE2J2	1	1192648	melanoma
24	UBE2J2	1	1192648	melanoma
25	UBE2J2	1	1192648	melanoma
26	UBE2J2	1	1192649	melanoma
27	TAS1R3	1	1267575	melanoma
28	DVL1	1	1274968	melanoma
29	DVL1	1	1274968	melanoma
30	AURKAIP1	1	1309606	melanoma
31	ANKRD65	1	1354575	bladder
32	VWA1	1	1372787	melanoma
33	MIB2	1	1562296	melanoma
34	MIB2	1	1563747	melanoma
35	MIB2	1	1563747	melanoma
36	CDK11A	1	1638859	melanoma
37	CDK11A	1	1638859	melanoma
38	GNB1	1	1720572	melanoma
39	GNB1	1	1720572	melanoma
40	GNB1	1	1720572	melanoma
41	CALML6	1	1848447	melanoma
42	GABRD	1	1957086	Classic
43	GABRD	1	1957086	Gbm
44	GABRD	1	1957086	IDHwt
45	GABRD	1	1957086	IDHwt_priGBM
46	GABRD	1	1957086	LGG GBM
47	GABRD	1	1957086	Mesenchymal_like
48	GABRD	1	1961017	melanoma
49	MORN1	1	2305941	melanoma
50	MORN1	1	2318939	melanoma
51	PEX10	1	2340031	lung
52	PLCH2	1	2411404	Classic
53	PLCH2	1	2411404	Classic_like
54	PLCH2	1	2411404	Gbm
55	PLCH2	1	2411404	IDHwt
56	PLCH2	1	2411404	IDHwt_priGBM
57	PLCH2	1	2411404	LGG GBM

58	PRDM16	1	3328323	melanoma
59	PRDM16	1	3334510	melanoma
60	ARHGEF16	1	3394457	Classic
61	ARHGEF16	1	3394457	Classic_like
62	ARHGEF16	1	3394457	Gbm
63	ARHGEF16	1	3394457	IDHwt
64	ARHGEF16	1	3394457	IDHwt_priGBM
65	ARHGEF16	1	3394457	LGG GBM
66	WRAP73	1	3548093	Classic
67	WRAP73	1	3548093	Classic_like
68	WRAP73	1	3548093	Gbm
69	WRAP73	1	3548093	IDHwt
70	WRAP73	1	3548093	IDHwt_priGBM
71	WRAP73	1	3548093	LGG GBM
72	WRAP73	1	3548878	melanoma
73	TP73	1	3648074	melanoma
74	CCDC27	1	3673308	melanoma
75	CEP104	1	3751532	melanoma
76	DFFB	1	3782535	melanoma
77	C1orf174	1	3807144	bladder
78	AJAP1	1	4771989	lung
79	AJAP1	1	4771989	lung
80	AJAP1	1	4772564	lung
81	NPHP4	1	5935021	hnsc
82	CHD5	1	6189059	Gbm
83	CHD5	1	6189059	IDHwt
84	CHD5	1	6189059	IDHwt_priGBM
85	CHD5	1	6189059	LGG GBM
86	CHD5	1	6189059	Mesenchymal
87	ICMT	1	6285295	Astr
88	ICMT	1	6285295	IDHwt
89	ICMT	1	6285295	LGG GBM
90	ICMT	1	6285295	Neural
91	ICMT	1	6285295	PA_like
92	ESPN	1	6511687	melanoma
93	ESPN	1	6511687	melanoma
94	ESPN	1	6511687	melanoma
95	TNFRSF25	1	6521703	melanoma
96	NOL9	1	6609668	melanoma
97	TAS1R1	1	6635204	melanoma
98	KLHL21	1	6653516	melanoma
99	KLHL21	1	6653516	melanoma
100	KLHL21	1	6653516	melanoma
101	KLHL21	1	6653577	melanoma
102	DNAJC11	1	6704720	Classic
103	DNAJC11	1	6704720	Gbm
104	DNAJC11	1	6704720	IDHwt
105	DNAJC11	1	6704720	IDHwt_priGBM
106	DNAJC11	1	6704720	LGG GBM
107	DNAJC11	1	6704720	Mesenchymal_like
108	CAMTA1	1	7527911	melanoma
109	CAMTA1	1	7527911	melanoma
110	CAMTA1	1	7724324	melanoma
111	CAMTA1	1	7724324	melanoma
112	CAMTA1	1	7724606	melanoma
113	CAMTA1	1	7725155	melanoma
114	PER3	1	7848242	bladder
115	UTS2	1	7913488	melanoma

116	UTS2	1	7913488	melanoma
117	UTS2	1	7913488	melanoma
118	UTS2	1	7913488	melanoma
119	TNFRSF9	1	7993279	melanoma
120	ERRFI1	1	8075600	melanoma
121	SLC45A1	1	8384435	melanoma
122	SLC45A1	1	8390437	lung
123	SLC45A1	1	8390571	melanoma
124	SLC45A1	1	8403928	Gbm
125	SLC45A1	1	8403928	Gbm
126	SLC45A1	1	8403928	GCIMP_low
127	SLC45A1	1	8403928	GCIMP_low
128	SLC45A1	1	8403928	IDHmut
129	SLC45A1	1	8403928	IDHmut
130	SLC45A1	1	8403928	IDHmut_noncodel
131	SLC45A1	1	8403928	IDHmut_noncodel
132	SLC45A1	1	8403928	LGG GBM
133	SLC45A1	1	8403928	LGG GBM
134	SLC45A1	1	8403928	Proneural
135	SLC45A1	1	8403928	Proneural
136	RERE	1	8415517	melanoma
137	SLC2A7	1	9083069	lung
138	SLC2A5	1	9097979	melanoma
139	SLC2A5	1	9100180	melanoma
140	SLC2A5	1	9101850	lung
141	H6PD	1	9324456	bladder
142	SPSB1	1	9416477	melanoma
143	TMEM201	1	9661452	melanoma
144	TMEM201	1	9662308	melanoma
145	PIK3CD	1	9784968	melanoma
146	UBE4B	1	10207120	melanoma
147	KIF1B	1	10292473	bladder
148	DFFA	1	10527368	melanoma
149	PEX14	1	10555338	melanoma
150	PEX14	1	10555343	Gbm
151	PEX14	1	10555343	Gbm
152	PEX14	1	10555343	IDHwt
153	PEX14	1	10555343	IDHwt
154	PEX14	1	10555343	IDHwt_priGBM
155	PEX14	1	10555343	IDHwt_priGBM
156	PEX14	1	10555343	LGG GBM
157	PEX14	1	10555343	LGG GBM
158	PEX14	1	10555343	Mesenchymal
159	PEX14	1	10555343	Mesenchymal
160	PEX14	1	10555343	Mesenchymal_like
161	PEX14	1	10555343	Mesenchymal_like
162	CASZ1	1	10699777	Classic
163	CASZ1	1	10699777	Classic
164	CASZ1	1	10699777	Classic
165	CASZ1	1	10699777	Classic_like
166	CASZ1	1	10699777	Classic_like
167	CASZ1	1	10699777	Classic_like
168	CASZ1	1	10699777	Gbm
169	CASZ1	1	10699777	Gbm
170	CASZ1	1	10699777	Gbm
171	CASZ1	1	10699777	IDHwt
172	CASZ1	1	10699777	IDHwt
173	CASZ1	1	10699777	IDHwt

174	CASZ1	1	10699777	IDHwt_priGBM
175	CASZ1	1	10699777	IDHwt_priGBM
176	CASZ1	1	10699777	IDHwt_priGBM
177	CASZ1	1	10699777	LGG GBM
178	CASZ1	1	10699777	LGG GBM
179	CASZ1	1	10699777	LGG GBM
180	CASZ1	1	10707930	melanoma
181	CASZ1	1	10707957	melanoma
182	CASZ1	1	10707957	melanoma
183	CASZ1	1	10709191	melanoma
184	CASZ1	1	10713568	melanoma
185	CASZ1	1	10713568	melanoma
186	CASZ1	1	10713766	melanoma
187	CASZ1	1	10713766	melanoma
188	TARDBP	1	11076975	melanoma
189	TARDBP	1	11076975	melanoma
190	MASP2	1	11097823	melanoma
191	EXOSC10	1	11136965	melanoma
192	EXOSC10	1	11151082	melanoma
193	EXOSC10	1	11151082	melanoma
194	MTOR	1	11177096	Codel
195	MTOR	1	11177096	IDHmut
196	MTOR	1	11177096	IDHmut_codel
197	MTOR	1	11177096	LGG GBM
198	MTOR	1	11177096	Oligo
199	MTOR	1	11177096	Proneural
200	MTOR	1	11181326	Astr
201	MTOR	1	11181326	GCIMP_high
202	MTOR	1	11181326	IDHmut
203	MTOR	1	11181326	IDHmut_noncodel
204	MTOR	1	11181326	LGG GBM
205	MTOR	1	11181326	Proneural
206	MTOR	1	11186807	IDHwt_priGBM2
207	MTOR	1	11187793	melanoma
208	MTOR	1	11187833	melanoma
209	MTOR	1	11187833	melanoma
210	UBIAD1	1	11345889	lung
211	UBIAD1	1	11345889	lung
212	DISP3	1	11562055	melanoma
213	DISP3	1	11576111	melanoma
214	DISP3	1	11580752	lung
215	DISP3	1	11591078	melanoma
216	DISP3	1	11591078	melanoma
217	DISP3	1	11596568	melanoma
218	DISP3	1	11596616	melanoma
219	FBXO44	1	11721272	lung
220	FBXO6	1	11728927	melanoma
221	DRAXIN	1	11771980	melanoma
222	AGTRAP	1	11810149	melanoma
223	C1orf167	1	11831645	lung
224	MTHFR	1	11851286	melanoma
225	MTHFR	1	11856391	melanoma
226	MTHFR	1	11856391	melanoma
227	MTHFR	1	11856391	melanoma
228	CLCN6	1	11888173	melanoma
229	CLCN6	1	11897428	bladder
230	CLCN6	1	11897428	bladder
231	CLCN6	1	11898632	bladder

232	NPPB	1	11918514	melanoma
233	MIIP	1	12089873	melanoma
234	MIIP	1	12090114	melanoma
235	TNFRSF8	1	12183861	lung
236	VPS13D	1	12317111	lung
237	VPS13D	1	12322128	melanoma
238	VPS13D	1	12335978	melanoma
239	VPS13D	1	12336023	melanoma
240	VPS13D	1	12343420	melanoma
241	VPS13D	1	12374245	melanoma
242	VPS13D	1	12418559	Gbm
243	VPS13D	1	12418559	Gbm
244	VPS13D	1	12418559	IDHwt
245	VPS13D	1	12418559	IDHwt
246	VPS13D	1	12418559	IDHwt_priGBM
247	VPS13D	1	12418559	IDHwt_priGBM
248	VPS13D	1	12418559	LGG GBM
249	VPS13D	1	12418559	LGG GBM
250	VPS13D	1	12418559	LGm6_GBM
251	VPS13D	1	12418559	LGm6_GBM
252	VPS13D	1	12418559	Mesenchymal
253	VPS13D	1	12418559	Mesenchymal
254	VPS13D	1	12429657	melanoma
255	VPS13D	1	12443174	melanoma
256	DHRS3	1	12628431	melanoma
257	AADACL4	1	12704613	melanoma
258	AADACL4	1	12726232	Gbm
259	AADACL4	1	12726232	IDHwt
260	AADACL4	1	12726232	IDHwt_priGBM
261	AADACL4	1	12726232	LGG GBM
262	AADACL4	1	12726232	Mesenchymal_like
263	AADACL4	1	12726232	Proneural
264	C1orf158	1	12806418	melanoma
265	C1orf158	1	12819315	melanoma
266	PRAMEF12	1	12837531	melanoma
267	PRAMEF1	1	12853498	Codel
268	PRAMEF1	1	12853498	IDHmut
269	PRAMEF1	1	12853498	IDHmut_codel
270	PRAMEF1	1	12853498	LGG GBM
271	PRAMEF1	1	12853498	Oligo
272	PRAMEF1	1	12853498	Proneural
273	L1;HNRNPCL3;HIF1A	1	12907556	melanoma
274	L1;HNRNPCL3;HIF1A	1	12907556	melanoma
275	L1;HNRNPCL3;HIF1A	1	12907628	lung
276	PRAMEF2	1	12919714	melanoma
277	PRAMEF4	1	12939874	melanoma
278	PRAMEF4	1	12941802	Astr
279	PRAMEF4	1	12941802	Classic
280	PRAMEF4	1	12941802	Classic_like
281	PRAMEF4	1	12941802	IDHwt
282	PRAMEF4	1	12941802	LGG GBM
283	RAMEF4;PRAMEF1	1	12954492	Astr
284	RAMEF4;PRAMEF1	1	12954492	GCIMP_high
285	RAMEF4;PRAMEF1	1	12954492	IDHmut
286	RAMEF4;PRAMEF1	1	12954492	IDHmut_noncodel
287	RAMEF4;PRAMEF1	1	12954492	LGG GBM
288	RAMEF4;PRAMEF1	1	12954492	Proneural
289	IF27;PRAMEF6;PRAMEF1	1	13001229	melanoma

290	AMEF18;PRAMEF	1	13036655	melanoma
291	LRRC38	1	13802519	melanoma
292	PRDM2	1	14109113	melanoma
293	KAZN	1	15428142	Gbm
294	KAZN	1	15428142	IDHwt
295	KAZN	1	15428142	IDHwt_priGBM
296	KAZN	1	15428142	LGG GBM
297	KAZN	1	15428142	Mesenchymal
298	KAZN	1	15428142	Mesenchymal_like
299	CTRC	1	15769964	melanoma
300	CELA2B	1	15808816	melanoma
301	DNAJC16	1	15855688	melanoma
302	DNAJC16	1	15874846	Astr
303	DNAJC16	1	15874846	IDHwt
304	DNAJC16	1	15874846	LGG GBM
305	DNAJC16	1	15874846	Neural
306	DNAJC16	1	15874846	PA_like
307	RSC1A1	1	15986776	melanoma
308	RSC1A1	1	15987607	melanoma
309	RSC1A1	1	15987996	bladder
310	PLEKHM2	1	16044415	Classic
311	PLEKHM2	1	16044415	Gbm
312	PLEKHM2	1	16044415	IDHwt
313	PLEKHM2	1	16044415	IDHwt_priGBM
314	PLEKHM2	1	16044415	LGG GBM
315	PLEKHM2	1	16044415	Mesenchymal_like
316	PLEKHM2	1	16059201	melanoma
317	PLEKHM2	1	16059201	melanoma
318	SPEN	1	16245451	melanoma
319	SPEN	1	16255047	bladder
320	SPEN	1	16255248	bladder
321	SPEN	1	16256031	melanoma
322	SPEN	1	16256291	melanoma
323	SPEN	1	16257336	melanoma
324	SPEN	1	16260569	melanoma
325	ZBTB17	1	16268633	Gbm
326	ZBTB17	1	16268633	IDHwt
327	ZBTB17	1	16268633	IDHwt_priGBM
328	ZBTB17	1	16268633	LGG GBM
329	ZBTB17	1	16268633	Mesenchymal_like
330	ZBTB17	1	16273501	melanoma
331	ZBTB17	1	16273501	melanoma
332	ZBTB17	1	16273501	melanoma
333	C1orf64	1	16332657	melanoma
334	HSPB7	1	16344403	melanoma
335	HSPB7	1	16344403	melanoma
336	CLCNKA	1	16353262	melanoma
337	CLCNKA	1	16353262	melanoma
338	CLCNKA	1	16353262	melanoma
339	CLCNKA	1	16355771	melanoma
340	CLCNKB	1	16372121	Classic
341	CLCNKB	1	16372121	IDHwt
342	CLCNKB	1	16372121	LGG GBM
343	CLCNKB	1	16372121	Mesenchymal_like
344	CLCNKB	1	16372121	OligoAstr
345	CLCNKB	1	16378220	Gbm
346	CLCNKB	1	16378220	IDHwt
347	CLCNKB	1	16378220	IDHwt_priGBM

348	CLCNKB	1	16378220	LGG GBM
349	CLCNKB	1	16378220	Mesenchymal_like
350	CLCNKB	1	16378220	Proneural
351	EPHA2	1	16458710	melanoma
352	EPHA2	1	16458710	melanoma
353	EPHA2	1	16464922	melanoma
354	ARHGEF19	1	16534489	melanoma
355	ARHGEF19	1	16535336	melanoma
356	FBXO42	1	16582281	melanoma
357	SPATA21	1	16736448	melanoma
358	NECAP2	1	16767279	Codel
359	NECAP2	1	16767279	IDHmut
360	NECAP2	1	16767279	IDHmut_codel
361	NECAP2	1	16767279	LGG GBM
362	NECAP2	1	16767279	Oligo
363	NECAP2	1	16767279	Proneural
364	CROCC	1	17250900	Codel
365	CROCC	1	17250900	IDHmut
366	CROCC	1	17250900	IDHmut_codel
367	CROCC	1	17250900	LGG GBM
368	CROCC	1	17250900	Oligo
369	CROCC	1	17250900	Proneural
370	CROCC	1	17295780	melanoma
371	ATP13A2	1	17314725	melanoma
372	ATP13A2	1	17314833	Classic_like
373	ATP13A2	1	17314833	Classic_like
374	ATP13A2	1	17314833	Gbm
375	ATP13A2	1	17314833	Gbm
376	ATP13A2	1	17314833	IDHwt
377	ATP13A2	1	17314833	IDHwt
378	ATP13A2	1	17314833	IDHwt_priGBM
379	ATP13A2	1	17314833	IDHwt_priGBM
380	ATP13A2	1	17314833	LGG GBM
381	ATP13A2	1	17314833	LGG GBM
382	ATP13A2	1	17314833	Mesenchymal
383	ATP13A2	1	17314833	Mesenchymal
384	ATP13A2	1	17318252	Classic
385	ATP13A2	1	17318252	Gbm
386	ATP13A2	1	17318252	IDHwt
387	ATP13A2	1	17318252	IDHwt_priGBM
388	ATP13A2	1	17318252	LGG GBM
389	ATP13A2	1	17318252	Mesenchymal_like
390	PADI2	1	17395666	melanoma
391	PADI2	1	17413075	lung
392	PADI1	1	17559363	melanoma
393	PADI1	1	17559454	hnsc
394	PADI1	1	17559454	hnsc
395	PADI3	1	17594365	Astr
396	PADI3	1	17594365	Astr
397	PADI3	1	17594365	GCIMP_high
398	PADI3	1	17594365	GCIMP_high
399	PADI3	1	17594365	IDHmut
400	PADI3	1	17594365	IDHmut
401	PADI3	1	17594365	IDHmut_noncodel
402	PADI3	1	17594365	IDHmut_noncodel
403	PADI3	1	17594365	LGG GBM
404	PADI3	1	17594365	LGG GBM
405	PADI3	1	17594365	Proneural

406	PADI3	1	17594365	Proneural
407	PADI4	1	17660492	melanoma
408	PADI4	1	17664626	melanoma
409	RCC2	1	17738651	bladder
410	ARHGEF10L	1	17928705	melanoma
411	ARHGEF10L	1	17928705	melanoma
412	ACTL8	1	18149621	melanoma
413	ACTL8	1	18149652	IDHwt_priGBM2
414	ACTL8	1	18152320	melanoma
415	IGSF21	1	18691808	melanoma
416	IGSF21	1	18691808	melanoma
417	KLHDC7A	1	18808982	melanoma
418	KLHDC7A	1	18809751	melanoma
419	KLHDC7A	1	18809751	melanoma
420	PAX7	1	19062459	melanoma
421	PAX7	1	19062459	melanoma
422	PAX7	1	19062459	melanoma
423	PAX7	1	19062459	melanoma
424	TAS1R2	1	19180714	melanoma
425	UBR4	1	19439348	melanoma
426	UBR4	1	19439348	melanoma
427	UBR4	1	19447781	melanoma
428	UBR4	1	19447781	melanoma
429	UBR4	1	19452966	melanoma
430	UBR4	1	19452966	melanoma
431	UBR4	1	19482844	melanoma
432	UBR4	1	19499974	melanoma
433	EMC1	1	19557853	melanoma
434	EMC1	1	19567607	melanoma
435	EMC1	1	19567607	melanoma
436	AKR7A3	1	19612843	melanoma
437	AKR7A2	1	19635077	melanoma
438	PQLC2	1	19655070	melanoma
439	HTR6	1	20005514	melanoma
440	TMCO4	1	20009735	lung
441	TMCO4	1	20072046	lung
442	TMCO4	1	20072126	melanoma
443	PLA2G2F	1	20470022	Gbm
444	PLA2G2F	1	20470022	IDHwt
445	PLA2G2F	1	20470022	IDHwt_priGBM
446	PLA2G2F	1	20470022	LGG GBM
447	PLA2G2F	1	20470022	Mesenchymal_like
448	PLA2G2F	1	20470022	Proneural
449	PLA2G2C	1	20490611	lung
450	UBXN10	1	20517265	melanoma
451	MUL1	1	20827668	melanoma
452	MUL1	1	20827668	melanoma
453	MUL1	1	20827688	melanoma
454	FAM43B	1	20879600	melanoma
455	KIF17	1	20998685	bladder
456	KIF17	1	20998685	bladder
457	KIF17	1	21014092	melanoma
458	HP1BP3	1	21071447	melanoma
459	EIF4G3	1	21205856	Gbm
460	EIF4G3	1	21205856	IDHwt
461	EIF4G3	1	21205856	IDHwt_priGBM
462	EIF4G3	1	21205856	LGG GBM
463	EIF4G3	1	21205856	Mesenchymal_like

464	EIF4G3	1	21268776	melanoma
465	ECE1	1	21546530	melanoma
466	ECE1	1	21546534	melanoma
467	NBPF3	1	21798124	lung
468	NBPF3	1	21799405	melanoma
469	ALPL	1	21887160	melanoma
470	USP48	1	22079532	melanoma
471	LDLRAD2	1	22141013	melanoma
472	HSPG2	1	22157757	Gbm
473	HSPG2	1	22157757	LGG GBM
474	HSPG2	1	22157757	Mesenchymal_like
475	HSPG2	1	22157757	Neural
476	HSPG2	1	22166420	Astr
477	HSPG2	1	22166420	GCIMP_high
478	HSPG2	1	22166420	IDHmut
479	HSPG2	1	22166420	IDHmut_noncodel
480	HSPG2	1	22166420	LGG GBM
481	HSPG2	1	22166420	Proneural
482	HSPG2	1	22170742	Gbm
483	HSPG2	1	22170742	Gbm
484	HSPG2	1	22170742	Gbm
485	HSPG2	1	22170742	IDHwt
486	HSPG2	1	22170742	IDHwt
487	HSPG2	1	22170742	IDHwt
488	HSPG2	1	22170742	IDHwt_priGBM
489	HSPG2	1	22170742	IDHwt_priGBM
490	HSPG2	1	22170742	IDHwt_priGBM
491	HSPG2	1	22170742	LGG GBM
492	HSPG2	1	22170742	LGG GBM
493	HSPG2	1	22170742	LGG GBM
494	HSPG2	1	22170742	Mesenchymal
495	HSPG2	1	22170742	Mesenchymal
496	HSPG2	1	22170742	Mesenchymal
497	HSPG2	1	22170742	Mesenchymal_like
498	HSPG2	1	22170742	Mesenchymal_like
499	HSPG2	1	22170742	Mesenchymal_like
500	HSPG2	1	22179500	melanoma
501	HSPG2	1	22179500	melanoma
502	HSPG2	1	22179560	melanoma
503	HSPG2	1	22181253	lung
504	HSPG2	1	22181253	lung
505	HSPG2	1	22181253	lung
506	HSPG2	1	22181253	lung
507	HSPG2	1	22186128	melanoma
508	HSPG2	1	22186712	Gbm
509	HSPG2	1	22186712	IDHwt
510	HSPG2	1	22186712	IDHwt_priGBM
511	HSPG2	1	22186712	LGG GBM
512	HSPG2	1	22186712	Proneural
513	HSPG2	1	22211299	melanoma
514	HSPG2	1	22211299	melanoma
515	HSPG2	1	22222763	melanoma
516	CELA3B	1	22310303	melanoma
517	CELA3B	1	22313078	melanoma
518	CELA3B	1	22313078	melanoma
519	CELA3B	1	22313078	melanoma
520	CELA3B	1	22313078	melanoma
521	CELA3A	1	22333423	Classic

522	CELA3A	1	22333423	Classic
523	CELA3A	1	22333423	Classic
524	CELA3A	1	22333423	Gbm
525	CELA3A	1	22333423	Gbm
526	CELA3A	1	22333423	Gbm
527	CELA3A	1	22333423	IDHwt
528	CELA3A	1	22333423	IDHwt
529	CELA3A	1	22333423	IDHwt
530	CELA3A	1	22333423	IDHwt_priGBM
531	CELA3A	1	22333423	IDHwt_priGBM
532	CELA3A	1	22333423	IDHwt_priGBM
533	CELA3A	1	22333423	LGG GBM
534	CELA3A	1	22333423	LGG GBM
535	CELA3A	1	22333423	LGG GBM
536	CELA3A	1	22333423	Mesenchymal_like
537	CELA3A	1	22333423	Mesenchymal_like
538	CELA3A	1	22333423	Mesenchymal_like
539	EPHA8	1	22903163	melanoma
540	EPHA8	1	22903163	melanoma
541	EPHA8	1	22924647	Gbm
542	EPHA8	1	22924647	IDHwt
543	EPHA8	1	22924647	IDHwt_priGBM
544	EPHA8	1	22924647	LGG GBM
545	EPHA8	1	22924647	Mesenchymal
546	EPHA8	1	22924647	Mesenchymal_like
547	C1QB	1	22987847	IDHwt_priGBM2
548	C1QB	1	22987847	IDHwt_priGBM2
549	C1QB	1	22987847	IDHwt_priGBM2
550	C1QB	1	22987847	IDHwt_priGBM2
551	EPHB2	1	23110996	Classic
552	EPHB2	1	23110996	Classic_like
553	EPHB2	1	23110996	IDHwt
554	EPHB2	1	23110996	LGG GBM
555	EPHB2	1	23233322	melanoma
556	KDM1A	1	23385607	melanoma
557	LUZP1	1	23418152	melanoma
558	LUZP1	1	23418152	melanoma
559	LUZP1	1	23418938	bladder
560	LUZP1	1	23419475	melanoma
561	HTR1D	1	23519598	melanoma
562	HTR1D	1	23519788	melanoma
563	HTR1D	1	23519907	lung
564	ASAP3	1	23758408	Astr
565	ASAP3	1	23758408	Classic_like
566	ASAP3	1	23758408	IDHwt
567	ASAP3	1	23758408	LGG GBM
568	ASAP3	1	23760007	melanoma
569	ASAP3	1	23760007	melanoma
570	ASAP3	1	23760007	melanoma
571	ASAP3	1	23760007	melanoma
572	FUCA1	1	24186316	melanoma
573	CNR2	1	24201254	melanoma
574	CNR2	1	24201254	melanoma
575	MYOM3	1	24388564	lung
576	IL22RA1	1	24447897	melanoma
577	IL22RA1	1	24447965	melanoma
578	IL22RA1	1	24447965	melanoma
579	IL22RA1	1	24447980	melanoma

580	IL22RA1	1	24448089	melanoma
581	GRHL3	1	24657929	Gbm
582	GRHL3	1	24657929	IDHwt
583	GRHL3	1	24657929	IDHwt_priGBM
584	GRHL3	1	24657929	LGG GBM
585	GRHL3	1	24657929	Mesenchymal
586	GRHL3	1	24663144	melanoma
587	RCAN3	1	24859664	melanoma
588	SRRM1	1	24989166	melanoma
589	SRRM1	1	24995618	melanoma
590	SRRM1	1	24996014	melanoma
591	CLIC4	1	25072052	lung
592	CLIC4	1	25124266	Gbm
593	CLIC4	1	25124266	IDHwt
594	CLIC4	1	25124266	IDHwt_priGBM
595	CLIC4	1	25124266	LGG GBM
596	CLIC4	1	25124266	Mesenchymal
597	RUNX3	1	25228881	Astr
598	RUNX3	1	25228881	Classic
599	RUNX3	1	25228881	IDHwt
600	RUNX3	1	25228881	LGG GBM
601	RUNX3	1	25228881	Mesenchymal_like
602	RUNX3	1	25254089	lung
603	TMEM57	1	25812259	melanoma
604	TMEM57	1	25824872	melanoma
605	PAFAH2	1	26316020	melanoma
606	CD52	1	26646746	melanoma
607	CRYBG2	1	26650676	GCIMP_high
608	CRYBG2	1	26650676	IDHmut
609	CRYBG2	1	26650676	IDHmut_noncodel
610	CRYBG2	1	26650676	LGG GBM
611	CRYBG2	1	26650676	Neural
612	CRYBG2	1	26655231	melanoma
613	ZNF683	1	26688212	melanoma
614	ZNF683	1	26688443	melanoma
615	ZNF683	1	26688443	melanoma
616	ZNF683	1	26691274	melanoma
617	ZNF683	1	26691274	melanoma
618	ZNF683	1	26691295	Codel
619	ZNF683	1	26691295	IDHmut
620	ZNF683	1	26691295	IDHmut_codel
621	ZNF683	1	26691295	LGG GBM
622	ZNF683	1	26691295	Oligo
623	ZNF683	1	26691295	Proneural
624	ZNF683	1	26691469	melanoma
625	ZNF683	1	26691508	melanoma
626	ZNF683	1	26694975	melanoma
627	ZNF683	1	26694975	melanoma
628	DHDDS	1	26772888	melanoma
629	DHDDS	1	26772898	GCIMP_high
630	DHDDS	1	26772898	IDHmut
631	DHDDS	1	26772898	IDHmut_noncodel
632	DHDDS	1	26772898	LGG GBM
633	DHDDS	1	26772898	Oligo
634	DHDDS	1	26772898	Proneural
635	RPS6KA1	1	26898350	Astr
636	RPS6KA1	1	26898350	GCIMP_low
637	RPS6KA1	1	26898350	IDHmut

638	RPS6KA1	1	26898350	IDHmut_noncode1
639	RPS6KA1	1	26898350	LGG GBM
640	RPS6KA1	1	26898350	Proneural
641	RPS6KA1	1	26899811	melanoma
642	ARID1A	1	27058070	melanoma
643	ARID1A	1	27089607	melanoma
644	ARID1A	1	27089607	melanoma
645	ARID1A	1	27106693	melanoma
646	ZDHHC18	1	27177076	bladder
647	SFN	1	27189992	melanoma
648	GPN2	1	27212486	melanoma
649	NR0B2	1	27240113	melanoma
650	KDF1	1	27278511	melanoma
651	SLC9A1	1	27428589	bladder
652	SLC9A1	1	27428903	melanoma
653	SLC9A1	1	27428903	melanoma
654	WDFC1	1	27620533	melanoma
655	TMEM222	1	27648701	melanoma
656	FCN3	1	27697433	melanoma
657	GPR3	1	27721063	melanoma
658	AHDC1	1	27874983	melanoma
659	AHDC1	1	27876501	melanoma
660	FGR	1	27939738	melanoma
661	FGR	1	27939738	melanoma
662	IFI6	1	27994826	melanoma
663	PPP1R8	1	28157381	lung
664	PPP1R8	1	28157381	lung
665	PPP1R8	1	28157381	lung
666	THEMIS2	1	28208877	melanoma
667	EYA3	1	28354383	melanoma
668	PTAFR	1	28477001	Classic
669	PTAFR	1	28477001	Classic_like
670	PTAFR	1	28477001	Gbm
671	PTAFR	1	28477001	IDHwt
672	PTAFR	1	28477001	IDHwt_priGBM
673	PTAFR	1	28477001	LGG GBM
674	PTAFR	1	28477001	melanoma
675	PTAFR	1	28477001	melanoma
676	SESN2	1	28598224	melanoma
677	SESN2	1	28598868	melanoma
678	RCC1	1	28864487	bladder
679	TRNAU1AP	1	28887170	bladder
680	YTHDF2	1	29069364	lung
681	YTHDF2	1	29069959	hnscc
682	YTHDF2	1	29069959	hnscc
683	OPRD1	1	29189572	Astr
684	OPRD1	1	29189572	Astr
685	OPRD1	1	29189572	Classic
686	OPRD1	1	29189572	Classic
687	OPRD1	1	29189572	IDHwt
688	OPRD1	1	29189572	IDHwt
689	OPRD1	1	29189572	LGG GBM
690	OPRD1	1	29189572	LGG GBM
691	OPRD1	1	29189572	Mesenchymal_like
692	OPRD1	1	29189572	Mesenchymal_like
693	EPB41	1	29344851	Classic
694	EPB41	1	29344851	Gbm
695	EPB41	1	29344851	IDHwt

696	EPB41	1	29344851	IDHwt_priGBM
697	EPB41	1	29344851	LGG GBM
698	EPB41	1	29344851	Mesenchymal_like
699	EPB41	1	29362374	melanoma
700	EPB41	1	29362375	melanoma
701	EPB41	1	29362375	melanoma
702	EPB41	1	29385132	melanoma
703	EPB41	1	29385132	melanoma
704	EPB41	1	29385132	melanoma
705	TMEM200B	1	29447712	melanoma
706	PTPRU	1	29581852	melanoma
707	PTPRU	1	29609342	melanoma
708	MATN1	1	31189702	melanoma
709	MATN1	1	31191711	melanoma
710	LAPTM5	1	31212669	melanoma
711	PUM1	1	31532223	melanoma
712	ZCCHC17	1	31819501	bladder
713	FABP3	1	31842348	bladder
714	SERINC2	1	31897701	melanoma
715	SERINC2	1	31898200	melanoma
716	SERINC2	1	31898200	melanoma
717	SERINC2	1	31905860	Classic_like
718	SERINC2	1	31905860	Gbm
719	SERINC2	1	31905860	IDHwt
720	SERINC2	1	31905860	IDHwt_priGBM
721	SERINC2	1	31905860	LGG GBM
722	TINAGL1	1	32049168	lung
723	TINAGL1	1	32049168	lung
724	HCRTR1	1	32092540	hnscc
725	PEF1	1	32100940	melanoma
726	COL16A1	1	32118284	melanoma
727	COL16A1	1	32145669	melanoma
728	COL16A1	1	32157625	melanoma
729	ADGRB2	1	32203044	melanoma
730	ADGRB2	1	32222154	melanoma
731	SPOCD1	1	32263903	melanoma
732	SPOCD1	1	32263903	melanoma
733	SPOCD1	1	32264080	lung
734	TMEM39B	1	32542835	Astr
735	TMEM39B	1	32542835	IDHwt
736	TMEM39B	1	32542835	LGG GBM
737	TMEM39B	1	32542835	Mesenchymal_like
738	TMEM39B	1	32566074	melanoma
739	TMEM39B	1	32566110	bladder
740	KPNA6	1	32620312	melanoma
741	KPNA6	1	32636430	melanoma
742	IQCC	1	32672623	melanoma
743	IQCC	1	32672623	melanoma
744	IQCC	1	32673192	bladder
745	DCDC2B	1	32677425	melanoma
746	DCDC2B	1	32677425	melanoma
747	TMEM234	1	32682473	melanoma
748	TMEM234	1	32686791	melanoma
749	TMEM234	1	32687497	melanoma
750	TMEM234	1	32687497	melanoma
751	EIF3I	1	32691799	melanoma
752	FAM167B	1	32713189	Classic
753	FAM167B	1	32713189	Classic_like

754	FAM167B	1	32713189	IDHwt
755	FAM167B	1	32713189	LGG GBM
756	LCK	1	32740015	melanoma
757	LCK	1	32740015	melanoma
758	LCK	1	32751124	melanoma
759	TSSK3	1	32829759	melanoma
760	RBBP4	1	33123081	melanoma
761	RBBP4	1	33123081	melanoma
762	KIAA1522	1	33236645	melanoma
763	YARS	1	33272090	lung
764	TMEM54	1	33361170	melanoma
765	AK2	1	33487014	bladder
766	TRIM62	1	33623923	melanoma
767	TRIM62	1	33625320	melanoma
768	TRIM62	1	33625320	melanoma
769	TRIM62	1	33625320	melanoma
770	ZNF362	1	33742031	lung
771	ZNF362	1	33742031	lung
772	ZNF362	1	33745881	Gbm
773	ZNF362	1	33745881	IDHwt
774	ZNF362	1	33745881	IDHwt_priGBM
775	ZNF362	1	33745881	LGG GBM
776	ZNF362	1	33745881	LGm6_GBM
777	ZNF362	1	33745881	Proneural
778	ZSCAN20	1	33960048	melanoma
779	CSMD2	1	34008457	hnscc
780	CSMD2	1	34011714	melanoma
781	CSMD2	1	34034977	Astr
782	CSMD2	1	34034977	GCIMP_high
783	CSMD2	1	34034977	IDHmut
784	CSMD2	1	34034977	IDHmut_noncodel
785	CSMD2	1	34034977	LGG GBM
786	CSMD2	1	34034977	Proneural
787	CSMD2	1	34046397	melanoma
788	CSMD2	1	34046397	melanoma
789	CSMD2	1	34087821	melanoma
790	CSMD2	1	34102079	melanoma
791	CSMD2	1	34117998	melanoma
792	CSMD2	1	34182051	melanoma
793	CSMD2	1	34189880	melanoma
794	CSMD2	1	34191066	melanoma
795	CSMD2	1	34192153	lung
796	CSMD2	1	34208985	melanoma
797	CSMD2	1	34238233	melanoma
798	CSMD2	1	34254259	lung
799	CSMD2	1	34291361	hnscc
800	CSMD2	1	34312590	melanoma
801	CSMD2	1	34312590	melanoma
802	CSMD2	1	34554734	melanoma
803	C1orf94	1	34663110	melanoma
804	C1orf94	1	34663110	melanoma
805	C1orf94	1	34684295	lung
806	C1orf94	1	34684301	melanoma
807	GJB5	1	35222953	melanoma
808	GJB5	1	35223701	melanoma
809	GJB3	1	35250458	melanoma
810	GJB3	1	35250842	Gbm
811	GJB3	1	35250842	IDHwt

812	GJB3	1	35250842	IDHwt_priGBM
813	GJB3	1	35250842	LGG GBM
814	GJB3	1	35250842	Mesenchymal
815	GJB3	1	35250842	Mesenchymal_like
816	DLGAP3	1	35334502	melanoma
817	DLGAP3	1	35370576	melanoma
818	ZMYM6	1	35476603	melanoma
819	ZMYM4	1	35824841	melanoma
820	ZMYM4	1	35879616	melanoma
821	ZMYM4	1	35879616	melanoma
822	CLSPN	1	36203650	melanoma
823	AGO4	1	36306918	melanoma
824	AGO4	1	36315815	melanoma
825	AGO4	1	36315815	melanoma
826	AGO4	1	36315816	melanoma
827	AGO4	1	36316602	melanoma
828	AGO4	1	36316602	melanoma
829	AGO4	1	36316602	melanoma
830	AGO1	1	36358210	melanoma
831	AGO1	1	36379463	bladder
832	AGO1	1	36383222	melanoma
833	AGO3	1	36411311	melanoma
834	AGO3	1	36411311	melanoma
835	COL8A2	1	36563217	melanoma
836	COL8A2	1	36565674	melanoma
837	MAP7D1	1	36643605	melanoma
838	THRAP3	1	36752301	melanoma
839	THRAP3	1	36752301	melanoma
840	THRAP3	1	36754804	melanoma
841	THRAP3	1	36754804	melanoma
842	EVA1B	1	36788209	melanoma
843	STK40	1	36824420	melanoma
844	LSM10	1	36859477	melanoma
845	CSF3R	1	36932400	Gbm
846	CSF3R	1	36932400	IDHwt
847	CSF3R	1	36932400	IDHwt_priGBM
848	CSF3R	1	36932400	LGG GBM
849	CSF3R	1	36932400	Proneural
850	CSF3R	1	36937925	melanoma
851	GRIK3	1	37270689	lung
852	GRIK3	1	37285351	melanoma
853	SNIP1	1	38005822	melanoma
854	SNIP1	1	38018280	melanoma
855	SNIP1	1	38018286	melanoma
856	GNL2	1	38058382	melanoma
857	GNL2	1	38058382	melanoma
858	RSPO1	1	38079480	melanoma
859	RSPO1	1	38082275	hnsc
860	C1orf109	1	38152009	melanoma
861	C1orf109	1	38152009	melanoma
862	EPHA10	1	38184352	Astr
863	EPHA10	1	38184352	Astr
864	EPHA10	1	38184352	GCIMP_high
865	EPHA10	1	38184352	GCIMP_high
866	EPHA10	1	38184352	IDHmut
867	EPHA10	1	38184352	IDHmut
868	EPHA10	1	38184352	IDHmut_noncodel
869	EPHA10	1	38184352	IDHmut_noncodel

870	EPHA10	1	38184352	LGG GBM
871	EPHA10	1	38184352	LGG GBM
872	EPHA10	1	38187374	melanoma
873	EPHA10	1	38197175	Classic
874	EPHA10	1	38197175	Gbm
875	EPHA10	1	38197175	IDHwt
876	EPHA10	1	38197175	IDHwt_priGBM
877	EPHA10	1	38197175	LGG GBM
878	EPHA10	1	38197175	Mesenchymal_like
879	EPHA10	1	38227313	bladder
880	EPHA10	1	38227382	Classic
881	EPHA10	1	38227382	Classic_like
882	EPHA10	1	38227382	Gbm
883	EPHA10	1	38227382	IDHwt
884	EPHA10	1	38227382	IDHwt_priGBM
885	EPHA10	1	38227382	LGG GBM
886	EPHA10	1	38227533	melanoma
887	MTF1	1	38288079	melanoma
888	MTF1	1	38288079	melanoma
889	MTF1	1	38304406	melanoma
890	MTF1	1	38323093	melanoma
891	MTF1	1	38323161	melanoma
892	INPP5B	1	38334209	lung
893	SF3A3	1	38435045	melanoma
894	RRAGC	1	39318149	melanoma
895	MACF1	1	39747959	melanoma
896	MACF1	1	39747959	melanoma
897	MACF1	1	39747959	melanoma
898	MACF1	1	39761487	Gbm
899	MACF1	1	39761487	Gbm
900	MACF1	1	39761487	GCIMP_high
901	MACF1	1	39761487	GCIMP_high
902	MACF1	1	39761487	IDHmut
903	MACF1	1	39761487	IDHmut
904	MACF1	1	39761487	IDHmut_noncodel
905	MACF1	1	39761487	IDHmut_noncodel
906	MACF1	1	39761487	LGG GBM
907	MACF1	1	39761487	LGG GBM
908	MACF1	1	39781264	melanoma
909	MACF1	1	39782169	bladder
910	MACF1	1	39823204	melanoma
911	MACF1	1	39851469	melanoma
912	KIAA0754	1	39876505	melanoma
913	KIAA0754	1	39876506	melanoma
914	KIAA0754	1	39879650	bladder
915	MACF1	1	39908471	lung
916	MACF1	1	39919511	melanoma
917	MACF1	1	39929329	melanoma
918	PABPC4	1	40030845	melanoma
919	PABPC4	1	40030845	melanoma
920	PABPC4	1	40030845	melanoma
921	PABPC4	1	40030846	melanoma
922	PABPC4	1	40030846	melanoma
923	PPIE	1	40214742	melanoma
924	OXCT2	1	40235411	melanoma
925	OXCT2	1	40235523	Classic_like
926	OXCT2	1	40235523	Classic_like
927	OXCT2	1	40235523	Gbm

928	OXCT2	1	40235523	Gbm
929	OXCT2	1	40235523	IDHwt
930	OXCT2	1	40235523	IDHwt
931	OXCT2	1	40235523	IDHwt_priGBM
932	OXCT2	1	40235523	IDHwt_priGBM
933	OXCT2	1	40235523	LGG GBM
934	OXCT2	1	40235523	LGG GBM
935	OXCT2	1	40236161	melanoma
936	OXCT2	1	40236245	IDHwt_priGBM2
937	OXCT2	1	40236245	IDHwt_priGBM2
938	TRIT1	1	40313298	melanoma
939	MFSD2A	1	40421043	melanoma
940	MFSD2A	1	40431186	melanoma
941	CAP1	1	40536533	melanoma
942	RLF	1	40668119	bladder
943	RLF	1	40668119	bladder
944	RLF	1	40703535	melanoma
945	RLF	1	40705377	hnscc
946	ZMPSTE24	1	40758292	melanoma
947	ZMPSTE24	1	40758292	melanoma
948	ZMPSTE24	1	40758292	melanoma
949	ZMPSTE24	1	40758292	melanoma
950	SMAP2	1	40881040	melanoma
951	SMAP2	1	40881040	melanoma
952	SMAP2	1	40881040	melanoma
953	ZFP69B	1	40928627	melanoma
954	ZFP69	1	40960814	melanoma
955	EXO5	1	40980721	melanoma
956	ZNF684	1	41006357	melanoma
957	ZNF684	1	41012399	melanoma
958	ZNF684	1	41012399	melanoma
959	RIMS3	1	41095042	melanoma
960	NFYC	1	41236395	bladder
961	KCNQ4	1	41289867	melanoma
962	SCMH1	1	41578966	melanoma
963	SCMH1	1	41578966	melanoma
964	SCMH1	1	41578967	melanoma
965	SCMH1	1	41582677	melanoma
966	HIVEP3	1	41979394	melanoma
967	HIVEP3	1	42045554	melanoma
968	HIVEP3	1	42046990	melanoma
969	HIVEP3	1	42049945	melanoma
970	HIVEP3	1	42049945	melanoma
971	FOXJ3	1	42656985	melanoma
972	RIMKLA	1	42865125	lung
973	RIMKLA	1	42880211	melanoma
974	RIMKLA	1	42880284	melanoma
975	RIMKLA	1	42880284	melanoma
976	RIMKLA	1	42880284	melanoma
977	ZMYND12	1	42905529	melanoma
978	ZMYND12	1	42915631	melanoma
979	CCDC30	1	43032132	melanoma
980	CCDC30	1	43076754	melanoma
981	CLDN19	1	43203931	melanoma
982	CLDN19	1	43205529	melanoma
983	P3H1	1	43212692	melanoma
984	P3H1	1	43212890	melanoma
985	ZNF691	1	43317276	bladder

986	ZNF691	1	43317456	Astr
987	ZNF691	1	43317456	IDHwt
988	ZNF691	1	43317456	LGG GBM
989	ZNF691	1	43317456	Mesenchymal_like
990	SLC2A1	1	43408965	melanoma
991	CFAP57	1	43649376	melanoma
992	CFAP57	1	43649424	Classic
993	CFAP57	1	43649424	Gbm
994	CFAP57	1	43649424	IDHwt
995	CFAP57	1	43649424	IDHwt_priGBM
996	CFAP57	1	43649424	LGG GBM
997	CFAP57	1	43649424	Mesenchymal_like
998	CFAP57	1	43650951	melanoma
999	CFAP57	1	43663291	melanoma
1000	TIE1	1	43770753	bladder
1001	TIE1	1	43772556	Astr
1002	TIE1	1	43772556	Classic
1003	TIE1	1	43772556	Classic_like
1004	TIE1	1	43772556	IDHwt
1005	TIE1	1	43772556	LGG GBM
1006	TIE1	1	43772660	melanoma
1007	MPL	1	43805052	melanoma
1008	MPL	1	43805052	melanoma
1009	CDC20	1	43828789	melanoma
1010	MED8	1	43850189	bladder
1011	MED8	1	43851711	bladder
1012	SZT2	1	43892460	lung
1013	SZT2	1	43892460	lung
1014	SZT2	1	43897145	melanoma
1015	SZT2	1	43903113	melanoma
1016	PTPRF	1	44064546	melanoma
1017	PTPRF	1	44069199	melanoma
1018	PTPRF	1	44079328	GCIMP_high
1019	PTPRF	1	44079328	IDHmut
1020	PTPRF	1	44079328	IDHmut_noncodel
1021	PTPRF	1	44079328	LGG GBM
1022	PTPRF	1	44079328	OligoAstr
1023	PTPRF	1	44079328	Proneural
1024	PTPRF	1	44084332	lung
1025	KDM4A	1	44118901	melanoma
1026	KDM4A	1	44118901	melanoma
1027	KDM4A	1	44118953	melanoma
1028	KDM4A	1	44118953	melanoma
1029	ST3GAL3	1	44303971	melanoma
1030	IPO13	1	44429952	melanoma
1031	B4GALT2	1	44447435	lung
1032	KLF17	1	44595425	melanoma
1033	KLF17	1	44595536	melanoma
1034	DMAP1	1	44680394	melanoma
1035	ERI3	1	44713625	melanoma
1036	ERI3	1	44713625	melanoma
1037	TMEM53	1	45125913	lung
1038	KIF2C	1	45221761	melanoma
1039	KIF2C	1	45227616	melanoma
1040	BEST4	1	45252191	bladder
1041	BEST4	1	45253061	melanoma
1042	BEST4	1	45253061	melanoma
1043	PLK3	1	45268434	melanoma

1044	PTCH2	1	45294661	melanoma
1045	PTCH2	1	45294661	melanoma
1046	PTCH2	1	45296644	melanoma
1047	EIF2B3	1	45341328	melanoma
1048	UROD	1	45479707	melanoma
1049	UROD	1	45480412	Astr
1050	UROD	1	45480412	Astr
1051	UROD	1	45480412	GCIMP_high
1052	UROD	1	45480412	GCIMP_high
1053	UROD	1	45480412	IDHmut
1054	UROD	1	45480412	IDHmut
1055	UROD	1	45480412	IDHmut_noncodel
1056	UROD	1	45480412	IDHmut_noncodel
1057	UROD	1	45480412	LGG GBM
1058	UROD	1	45480412	LGG GBM
1059	ZSWIM5	1	45500059	melanoma
1060	TESK2	1	45810912	melanoma
1061	MMACHC	1	45974712	melanoma
1062	TMEM69	1	46159245	Gbm
1063	TMEM69	1	46159245	GCIMP_high
1064	TMEM69	1	46159245	IDHmut
1065	TMEM69	1	46159245	IDHmut_noncodel
1066	TMEM69	1	46159245	LGG GBM
1067	0117498-PIK3R3;	1	46509380	melanoma
1068	RAD54L	1	46733189	melanoma
1069	RAD54L	1	46733189	melanoma
1070	RAD54L	1	46739410	Astr
1071	RAD54L	1	46739410	IDHwt
1072	RAD54L	1	46739410	LGG GBM
1073	RAD54L	1	46739410	Neural
1074	RAD54L	1	46739410	PA_like
1075	LRRC41	1	46745257	Gbm
1076	LRRC41	1	46745257	IDHwt
1077	LRRC41	1	46745257	IDHwt_priGBM
1078	LRRC41	1	46745257	LGG GBM
1079	LRRC41	1	46745257	LGm6_GBM
1080	LRRC41	1	46751975	melanoma
1081	NSUN4	1	46826413	melanoma
1082	FAAH	1	46871370	melanoma
1083	FAAH	1	46871370	melanoma
1084	DMBX1	1	46977985	melanoma
1085	DMBX1	1	46977985	melanoma
1086	CYP4B1	1	47282838	Gbm
1087	CYP4B1	1	47282838	IDHwt
1088	CYP4B1	1	47282838	IDHwt_priGBM
1089	CYP4B1	1	47282838	LGG GBM
1090	CYP4B1	1	47282838	Mesenchymal
1091	CYP4A11	1	47395812	melanoma
1092	CYP4A11	1	47398484	melanoma
1093	CYP4A11	1	47400154	melanoma
1094	CYP4A11	1	47400154	melanoma
1095	CYP4A11	1	47400753	melanoma
1096	CYP4A11	1	47400753	melanoma
1097	CYP4A11	1	47402416	Gbm
1098	CYP4A11	1	47402416	IDHwt
1099	CYP4A11	1	47402416	IDHwt_priGBM
1100	CYP4A11	1	47402416	LGG GBM
1101	CYP4A11	1	47402416	LGm6_GBM

1102	CYP4A11	1	47406939	melanoma
1103	CYP4A11	1	47406967	melanoma
1104	CYP4X1	1	47505195	melanoma
1105	CYP4X1	1	47515808	melanoma
1106	CYP4X1	1	47515808	melanoma
1107	CYP4Z1	1	47583502	Gbm
1108	CYP4Z1	1	47583502	IDHwt
1109	CYP4Z1	1	47583502	IDHwt_priGBM
1110	CYP4Z1	1	47583502	LGG GBM
1111	CYP4Z1	1	47583502	Mesenchymal_like
1112	CYP4A22	1	47608995	melanoma
1113	TAL1	1	47685412	melanoma
1114	TAL1	1	47685680	bladder
1115	STIL	1	47726073	lung
1116	STIL	1	47735509	bladder
1117	STIL	1	47745960	melanoma
1118	STIL	1	47746679	melanoma
1119	STIL	1	47767334	melanoma
1120	SLC5A9	1	48696288	lung
1121	AGBL4	1	49052769	melanoma
1122	BEND5	1	49193631	melanoma
1123	ELAVL4	1	50610657	melanoma
1124	ELAVL4	1	50659497	melanoma
1125	ELAVL4	1	50659517	bladder
1126	ELAVL4	1	50659567	melanoma
1127	DMRTA2	1	50884447	lung
1128	DMRTA2	1	50885140	lung
1129	FAF1	1	50941263	melanoma
1130	FAF1	1	51050450	lung
1131	FAF1	1	51050450	lung
1132	TTC39A	1	51768762	Gbm
1133	TTC39A	1	51768762	Gbm
1134	TTC39A	1	51768762	IDHwt
1135	TTC39A	1	51768762	IDHwt
1136	TTC39A	1	51768762	IDHwt_priGBM
1137	TTC39A	1	51768762	IDHwt_priGBM
1138	TTC39A	1	51768762	LGG GBM
1139	TTC39A	1	51768762	LGG GBM
1140	TTC39A	1	51768762	Proneural
1141	TTC39A	1	51768762	Proneural
1142	EPS15	1	51934235	bladder
1143	NRDC	1	52258066	melanoma
1144	NRDC	1	52299696	lung
1145	NRDC	1	52301821	Classic
1146	NRDC	1	52301821	Classic
1147	NRDC	1	52301821	IDHwt
1148	NRDC	1	52301821	IDHwt
1149	NRDC	1	52301821	LGG GBM
1150	NRDC	1	52301821	LGG GBM
1151	NRDC	1	52301821	Mesenchymal_like
1152	NRDC	1	52301821	Mesenchymal_like
1153	NRDC	1	52301821	OligoAstr
1154	NRDC	1	52301821	OligoAstr
1155	RAB3B	1	52442588	melanoma
1156	ZFYVE9	1	52759311	melanoma
1157	ORC1	1	52854908	melanoma
1158	ORC1	1	52854908	melanoma
1159	ORC1	1	52861873	melanoma

1160	ZCCHC11	1	52896810	melanoma
1161	ZCCHC11	1	52912057	melanoma
1162	ZCCHC11	1	52947559	melanoma
1163	ZCCHC11	1	52947559	melanoma
1164	ZYG11A	1	53323197	lung
1165	PODN	1	53542960	melanoma
1166	PODN	1	53543462	melanoma
1167	PODN	1	53543462	melanoma
1168	PODN	1	53546437	melanoma
1169	SLC1A7	1	53558286	melanoma
1170	DMRTB1	1	53925671	melanoma
1171	GLIS1	1	53980314	melanoma
1172	GLIS1	1	53986418	lung
1173	GLIS1	1	53995598	hnscc
1174	GLIS1	1	53995598	hnscc
1175	GLIS1	1	54060256	melanoma
1176	GLIS1	1	54060541	Gbm
1177	GLIS1	1	54060541	IDHwt
1178	GLIS1	1	54060541	IDHwt_priGBM
1179	GLIS1	1	54060541	LGG GBM
1180	GLIS1	1	54060541	Mesenchymal_like
1181	NDC1	1	54262444	melanoma
1182	YIPF1	1	54348853	melanoma
1183	HSPB11	1	54387352	melanoma
1184	HSPB11	1	54387352	melanoma
1185	HSPB11	1	54387352	melanoma
1186	TMEM59	1	54502386	melanoma
1187	CDCP2	1	54610366	melanoma
1188	MRPL37	1	54675732	melanoma
1189	MRPL37	1	54675732	melanoma
1190	SSBP3	1	54870306	melanoma
1191	FAM151A	1	55078163	melanoma
1192	FAM151A	1	55088975	melanoma
1193	MROH7	1	55139380	melanoma
1194	MROH7	1	55145630	melanoma
1195	MROH7	1	55151940	melanoma
1196	MROH7	1	55158156	melanoma
1197	MROH7	1	55161066	melanoma
1198	MROH7	1	55161066	melanoma
1199	MROH7	1	55161066	melanoma
1200	MROH7	1	55166825	melanoma
1201	MROH7	1	55175759	melanoma
1202	TTC4	1	55197258	melanoma
1203	DHCR24	1	55331011	melanoma
1204	DHCR24	1	55337240	bladder
1205	TMEM61	1	55451845	melanoma
1206	USP24	1	55561033	GCIMP_low
1207	USP24	1	55561033	IDHmut
1208	USP24	1	55561033	IDHmut_noncodel
1209	USP24	1	55561033	LGG GBM
1210	PRKAA2	1	57157110	melanoma
1211	PRKAA2	1	57161690	bladder
1212	C1orf168	1	57189347	melanoma
1213	C1orf168	1	57221585	melanoma
1214	C1orf168	1	57257852	bladder
1215	C1orf168	1	57257852	bladder
1216	C1orf168	1	57257902	melanoma
1217	C8A	1	57349331	melanoma

1218	C8A	1	57351721	melanoma
1219	C8A	1	57351831	melanoma
1220	C8B	1	57411659	Astr
1221	C8B	1	57411659	Classic
1222	C8B	1	57411659	IDHwt
1223	C8B	1	57411659	LGG GBM
1224	C8B	1	57411659	Mesenchymal_like
1225	C8B	1	57417782	melanoma
1226	C8B	1	57417782	melanoma
1227	C8B	1	57417782	melanoma
1228	C8B	1	57420409	melanoma
1229	C8B	1	57420438	melanoma
1230	DAB1	1	57480915	melanoma
1231	DAB1	1	57480915	melanoma
1232	DAB1	1	57491658	melanoma
1233	DAB1	1	57602218	melanoma
1234	DAB1	1	57610979	melanoma
1235	DAB1	1	57610979	melanoma
1236	OMA1	1	59002223	melanoma
1237	OMA1	1	59002223	melanoma
1238	HOOK1	1	60312821	Gbm
1239	HOOK1	1	60312821	GCIMP_low
1240	HOOK1	1	60312821	IDHmut
1241	HOOK1	1	60312821	IDHmut_noncode1
1242	HOOK1	1	60312821	LGG GBM
1243	HOOK1	1	60312821	Proneural
1244	C1orf87	1	60456434	melanoma
1245	C1orf87	1	60505594	melanoma
1246	NFIA	1	61554037	bladder
1247	NFIA	1	61848924	melanoma
1248	TM2D1	1	62190731	Gbm
1249	TM2D1	1	62190731	IDHwt
1250	TM2D1	1	62190731	IDHwt_priGBM
1251	TM2D1	1	62190731	LGG GBM
1252	TM2D1	1	62190731	LGm6_GBM
1253	TM2D1	1	62190731	Proneural
1254	PATJ	1	62228714	melanoma
1255	PATJ	1	62503684	melanoma
1256	PATJ	1	62503684	melanoma
1257	PATJ	1	62593708	melanoma
1258	PATJ	1	62594600	melanoma
1259	KANK4	1	62739545	melanoma
1260	KANK4	1	62739844	melanoma
1261	KANK4	1	62739844	melanoma
1262	KANK4	1	62740687	melanoma
1263	KANK4	1	62740687	melanoma
1264	DOCK7	1	63005260	lung
1265	DOCK7	1	63005260	lung
1266	DOCK7	1	63018551	melanoma
1267	ALG6	1	63881603	melanoma
1268	EFCAB7	1	63991296	melanoma
1269	PGM1	1	64104397	melanoma
1270	ROR1	1	64643427	melanoma
1271	UBE2U	1	64680529	melanoma
1272	CACHD1	1	65095151	melanoma
1273	CACHD1	1	65107508	bladder
1274	CACHD1	1	65107508	melanoma
1275	CACHD1	1	65107508	melanoma

1276	CACHD1	1	65131766	melanoma
1277	CACHD1	1	65131811	melanoma
1278	CACHD1	1	65131840	melanoma
1279	CACHD1	1	65131840	melanoma
1280	RAVER2	1	65243545	melanoma
1281	RAVER2	1	65243638	melanoma
1282	JAK1	1	65344721	melanoma
1283	DNAJC6	1	65845148	melanoma
1284	DNAJC6	1	65854068	melanoma
1285	DNAJC6	1	65854068	melanoma
1286	DNAJC6	1	65854068	melanoma
1287	LEPR	1	66036354	melanoma
1288	LEPR	1	66095982	lung
1289	LEPR	1	66102189	melanoma
1290	PDE4B	1	66384380	melanoma
1291	PDE4B	1	66831396	bladder
1292	PDE4B	1	66834542	melanoma
1293	SGIP1	1	67194966	Classic_like
1294	SGIP1	1	67194966	Gbm
1295	SGIP1	1	67194966	IDHwt
1296	SGIP1	1	67194966	IDHwt_priGBM
1297	SGIP1	1	67194966	LGG GBM
1298	SGIP1	1	67194966	Mesenchymal
1299	MIER1	1	67442338	melanoma
1300	MIER1	1	67447476	Classic_like
1301	MIER1	1	67447476	Gbm
1302	MIER1	1	67447476	IDHwt
1303	MIER1	1	67447476	IDHwt_priGBM
1304	MIER1	1	67447476	LGG GBM
1305	MIER1	1	67452134	bladder
1306	SLC35D1	1	67517719	melanoma
1307	IL12RB2	1	67787468	melanoma
1308	IL12RB2	1	67838145	melanoma
1309	IL12RB2	1	67838145	melanoma
1310	IL12RB2	1	67838145	melanoma
1311	DIRAS3	1	68512355	melanoma
1312	DIRAS3	1	68512506	melanoma
1313	DIRAS3	1	68512803	lung
1314	DIRAS3	1	68512803	lung
1315	DIRAS3	1	68512803	lung
1316	DIRAS3	1	68512935	melanoma
1317	RPE65	1	68905277	melanoma
1318	DEPDC1	1	68943624	melanoma
1319	LRRC7	1	70225928	melanoma
1320	LRRC7	1	70225928	melanoma
1321	LRRC7	1	70225928	melanoma
1322	LRRC7	1	70225928	melanoma
1323	LRRC7	1	70446065	melanoma
1324	LRRC7	1	70446096	melanoma
1325	LRRC7	1	70482168	melanoma
1326	LRRC7	1	70489054	Gbm
1327	LRRC7	1	70489054	IDHwt
1328	LRRC7	1	70489054	IDHwt_priGBM
1329	LRRC7	1	70489054	LGG GBM
1330	LRRC7	1	70489054	Mesenchymal_like
1331	LRRC7	1	70489054	Neural
1332	LRRC7	1	70493911	Astr
1333	LRRC7	1	70493911	IDHwt

1334	LRRC7	1	70493911	LGG GBM
1335	LRRC7	1	70493911	Mesenchymal
1336	LRRC7	1	70493911	PA_like
1337	LRRC40	1	70652999	melanoma
1338	LRRC40	1	70652999	melanoma
1339	LRRC40	1	70652999	melanoma
1340	SRSF11	1	70703127	lung
1341	CTH	1	70900815	melanoma
1342	PTGER3	1	71478001	melanoma
1343	PTGER3	1	71512371	bladder
1344	NEGR1	1	72058508	melanoma
1345	NEGR1	1	72748041	IDHwt_priGBM2
1346	LRRIQ3	1	74506967	lung
1347	LRRIQ3	1	74507378	melanoma
1348	LRRIQ3	1	74507480	melanoma
1349	LRRIQ3	1	74648482	melanoma
1350	LRRIQ3	1	74648482	melanoma
1351	FPGT	1	74671126	melanoma
1352	GT-TNNI3K;TNNI	1	74715192	melanoma
1353	GT-TNNI3K;TNNI	1	74715192	melanoma
1354	GT-TNNI3K;TNNI	1	74797198	melanoma
1355	GT-TNNI3K;TNNI	1	74797198	melanoma
1356	GT-TNNI3K;TNNI	1	74819697	melanoma
1357	GT-TNNI3K;TNNI	1	74819697	melanoma
1358	ERICH3	1	75037396	Gbm
1359	ERICH3	1	75037396	IDHwt
1360	ERICH3	1	75037396	IDHwt_priGBM
1361	ERICH3	1	75037396	LGG GBM
1362	ERICH3	1	75037396	Mesenchymal
1363	ERICH3	1	75037396	Mesenchymal_like
1364	ERICH3	1	75037508	melanoma
1365	ERICH3	1	75037951	melanoma
1366	ERICH3	1	75038168	melanoma
1367	ERICH3	1	75038702	melanoma
1368	ERICH3	1	75055519	melanoma
1369	ERICH3	1	75072422	melanoma
1370	ERICH3	1	75072422	melanoma
1371	ERICH3	1	75097510	melanoma
1372	ERICH3	1	75101971	melanoma
1373	TYW3	1	75198986	melanoma
1374	LHX8	1	75614357	Gbm
1375	LHX8	1	75614357	IDHwt
1376	LHX8	1	75614357	IDHwt_priGBM
1377	LHX8	1	75614357	LGG GBM
1378	LHX8	1	75614357	Mesenchymal
1379	SLC44A5	1	75679448	Classic
1380	SLC44A5	1	75679448	Gbm
1381	SLC44A5	1	75679448	IDHwt
1382	SLC44A5	1	75679448	IDHwt_priGBM
1383	SLC44A5	1	75679448	LGG GBM
1384	SLC44A5	1	75679448	Mesenchymal_like
1385	SLC44A5	1	75683559	lung
1386	SLC44A5	1	75693438	melanoma
1387	SLC44A5	1	75708638	bladder
1388	SLC44A5	1	75740692	melanoma
1389	MSH4	1	76269589	melanoma
1390	MSH4	1	76269589	melanoma
1391	MSH4	1	76288113	lung

1392	MSH4	1	76313917	melanoma
1393	ASB17	1	76387892	Codel
1394	ASB17	1	76387892	IDHmut
1395	ASB17	1	76387892	IDHmut_codel
1396	ASB17	1	76387892	LGG GBM
1397	ASB17	1	76387892	Oligo
1398	ASB17	1	76387892	Proneural
1399	ASB17	1	76397654	melanoma
1400	ASB17	1	76397654	melanoma
1401	ST6GALNAC3	1	77093225	Astr
1402	ST6GALNAC3	1	77093225	Astr
1403	ST6GALNAC3	1	77093225	GCIMP_high
1404	ST6GALNAC3	1	77093225	GCIMP_high
1405	ST6GALNAC3	1	77093225	IDHmut
1406	ST6GALNAC3	1	77093225	IDHmut
1407	ST6GALNAC3	1	77093225	IDHmut_noncodel
1408	ST6GALNAC3	1	77093225	IDHmut_noncodel
1409	ST6GALNAC3	1	77093225	LGG GBM
1410	ST6GALNAC3	1	77093225	LGG GBM
1411	ST6GALNAC3	1	77093225	Mesenchymal
1412	ST6GALNAC3	1	77093225	Mesenchymal
1413	ST6GALNAC3	1	77094323	Gbm
1414	ST6GALNAC3	1	77094323	IDHwt
1415	ST6GALNAC3	1	77094323	IDHwt_priGBM
1416	ST6GALNAC3	1	77094323	LGG GBM
1417	ST6GALNAC3	1	77094323	Mesenchymal
1418	ST6GALNAC3	1	77094323	Mesenchymal_like
1419	ST6GALNAC5	1	77509910	melanoma
1420	PIGK	1	77672364	melanoma
1421	ZZZ3	1	78041829	GCIMP_high
1422	ZZZ3	1	78041829	IDHmut
1423	ZZZ3	1	78041829	IDHmut_noncodel
1424	ZZZ3	1	78041829	LGG GBM
1425	ZZZ3	1	78041829	Oligo
1426	ZZZ3	1	78041829	Proneural
1427	ZZZ3	1	78045279	melanoma
1428	ZZZ3	1	78045279	melanoma
1429	ZZZ3	1	78098697	melanoma
1430	USP33	1	78180407	melanoma
1431	MIGA1	1	78280875	melanoma
1432	PTGFR	1	78959164	melanoma
1433	PTGFR	1	78959164	melanoma
1434	PTGFR	1	78959164	melanoma
1435	PTGFR	1	79002314	melanoma
1436	PTGFR	1	79002314	melanoma
1437	ADGRL4	1	79357336	lung
1438	ADGRL4	1	79392734	melanoma
1439	ADGRL4	1	79470895	melanoma
1440	ADGRL2	1	82402500	melanoma
1441	ADGRL2	1	82408790	melanoma
1442	ADGRL2	1	82408790	melanoma
1443	ADGRL2	1	82409060	melanoma
1444	ADGRL2	1	82409324	melanoma
1445	ADGRL2	1	82409324	melanoma
1446	ADGRL2	1	82416100	melanoma
1447	ADGRL2	1	82434911	melanoma
1448	ADGRL2	1	82434911	melanoma
1449	ADGRL2	1	82434911	melanoma

1450	TTLL7	1	84414359	melanoma
1451	DNASE2B	1	84878218	melanoma
1452	DNASE2B	1	84880391	Classic
1453	DNASE2B	1	84880391	IDHwt
1454	DNASE2B	1	84880391	LGG GBM
1455	DNASE2B	1	84880391	Mesenchymal_like
1456	RPF1	1	84962001	Gbm
1457	RPF1	1	84962001	IDHwt
1458	RPF1	1	84962001	IDHwt_priGBM
1459	RPF1	1	84962001	LGG GBM
1460	RPF1	1	84962001	Mesenchymal_like
1461	RPF1	1	84962001	Proneural
1462	LPAR3	1	85279647	melanoma
1463	LPAR3	1	85331314	Gbm
1464	LPAR3	1	85331314	IDHwt
1465	LPAR3	1	85331314	IDHwt_priGBM
1466	LPAR3	1	85331314	LGG GBM
1467	LPAR3	1	85331314	Mesenchymal_like
1468	LPAR3	1	85331314	Proneural
1469	LPAR3	1	85331619	GCIMP_high
1470	LPAR3	1	85331619	GCIMP_high
1471	LPAR3	1	85331619	GCIMP_high
1472	LPAR3	1	85331619	IDHmut
1473	LPAR3	1	85331619	IDHmut
1474	LPAR3	1	85331619	IDHmut
1475	LPAR3	1	85331619	IDHmut_noncodel
1476	LPAR3	1	85331619	IDHmut_noncodel
1477	LPAR3	1	85331619	IDHmut_noncodel
1478	LPAR3	1	85331619	LGG GBM
1479	LPAR3	1	85331619	LGG GBM
1480	LPAR3	1	85331619	LGG GBM
1481	LPAR3	1	85331619	OligoAstr
1482	LPAR3	1	85331619	OligoAstr
1483	LPAR3	1	85331619	OligoAstr
1484	MCOLN2	1	85424233	bladder
1485	MCOLN2	1	85462501	lung
1486	MCOLN2	1	85462501	lung
1487	MCOLN3	1	85498465	Gbm
1488	MCOLN3	1	85498465	Gbm
1489	MCOLN3	1	85498465	IDHwt
1490	MCOLN3	1	85498465	IDHwt
1491	MCOLN3	1	85498465	IDHwt_priGBM
1492	MCOLN3	1	85498465	IDHwt_priGBM
1493	MCOLN3	1	85498465	LGG GBM
1494	MCOLN3	1	85498465	LGG GBM
1495	MCOLN3	1	85498465	LGm6_GBM
1496	MCOLN3	1	85498465	LGm6_GBM
1497	WDR63	1	85589908	melanoma
1498	WDR63	1	85598548	lung
1499	SYDE2	1	85656006	melanoma
1500	SYDE2	1	85656006	melanoma
1501	SYDE2	1	85666192	melanoma
1502	COL24A1	1	86361575	melanoma
1503	COL24A1	1	86591427	melanoma
1504	COL24A1	1	86591673	melanoma
1505	ODF2L	1	86826179	Codel
1506	ODF2L	1	86826179	IDHmut
1507	ODF2L	1	86826179	IDHmut_codel

1508	ODF2L	1	86826179	LGG GBM
1509	ODF2L	1	86826179	Neural
1510	ODF2L	1	86851250	Classic
1511	ODF2L	1	86851250	Classic_like
1512	ODF2L	1	86851250	Gbm
1513	ODF2L	1	86851250	IDHwt
1514	ODF2L	1	86851250	IDHwt_priGBM
1515	ODF2L	1	86851250	LGG GBM
1516	CLCA1	1	86954794	Classic
1517	CLCA1	1	86954794	Gbm
1518	CLCA1	1	86954794	IDHwt
1519	CLCA1	1	86954794	IDHwt_priGBM
1520	CLCA1	1	86954794	LGG GBM
1521	CLCA1	1	86954794	Mesenchymal_like
1522	CLCA1	1	86960045	melanoma
1523	CLCA4	1	87012899	melanoma
1524	CLCA4	1	87040235	melanoma
1525	PKN2	1	89273448	melanoma
1526	PKN2	1	89298829	melanoma
1527	KYAT3	1	89427795	melanoma
1528	RBMXL1	1	89448758	melanoma
1529	GBP1	1	89528898	melanoma
1530	GBP2	1	89587613	melanoma
1531	GBP4	1	89657064	melanoma
1532	GBP5	1	89729549	melanoma
1533	GBP5	1	89729550	melanoma
1534	GBP5	1	89734441	melanoma
1535	GBP6	1	89845993	melanoma
1536	LRR8B	1	90050079	melanoma
1537	LRR8C	1	90178934	melanoma
1538	LRR8D	1	90399103	melanoma
1539	LRR8D	1	90399439	melanoma
1540	LRR8D	1	90400893	melanoma
1541	ZNF644	1	91405533	melanoma
1542	HFM1	1	91726905	melanoma
1543	HFM1	1	91816337	melanoma
1544	TGFBR3	1	92181894	Astr
1545	TGFBR3	1	92181894	Classic
1546	TGFBR3	1	92181894	IDHwt
1547	TGFBR3	1	92181894	LGG GBM
1548	TGFBR3	1	92181894	Mesenchymal_like
1549	TGFBR3	1	92187533	melanoma
1550	BRDT	1	92442669	melanoma
1551	BRDT	1	92442922	lung
1552	EPHX4	1	92511203	melanoma
1553	EPHX4	1	92528664	Classic_like
1554	EPHX4	1	92528664	Gbm
1555	EPHX4	1	92528664	IDHwt
1556	EPHX4	1	92528664	IDHwt_priGBM
1557	EPHX4	1	92528664	LGG GBM
1558	EPHX4	1	92528664	Mesenchymal
1559	KIAA1107	1	92647927	melanoma
1560	GLMN	1	92733669	melanoma
1561	RPAP2	1	92789870	melanoma
1562	EVI5	1	93160965	melanoma
1563	EVI5	1	93163479	melanoma
1564	EVI5	1	93163479	melanoma
1565	EVI5	1	93168984	melanoma

1566	EVI5	1	93168984	melanoma
1567	RPL5	1	93299213	Classic_like
1568	RPL5	1	93299213	Classic_like
1569	RPL5	1	93299213	IDHwt
1570	RPL5	1	93299213	IDHwt
1571	RPL5	1	93299213	LGG GBM
1572	RPL5	1	93299213	LGG GBM
1573	CCDC18	1	93671136	bladder
1574	CCDC18	1	93704971	melanoma
1575	CCDC18	1	93704971	melanoma
1576	BCAR3	1	94027898	melanoma
1577	BCAR3	1	94032953	Classic
1578	BCAR3	1	94032953	Classic_like
1579	BCAR3	1	94032953	Gbm
1580	BCAR3	1	94032953	IDHwt
1581	BCAR3	1	94032953	IDHwt_priGBM
1582	BCAR3	1	94032953	LGG GBM
1583	GCLM	1	94362205	melanoma
1584	ABCA4	1	94466456	lung
1585	ABCA4	1	94466456	lung
1586	ABCA4	1	94466456	lung
1587	ABCA4	1	94471121	melanoma
1588	ABCA4	1	94480120	Astr
1589	ABCA4	1	94480120	GCIMP_high
1590	ABCA4	1	94480120	IDHmut
1591	ABCA4	1	94480120	IDHmut_noncodel
1592	ABCA4	1	94480120	LGG GBM
1593	ABCA4	1	94528187	melanoma
1594	ABCA4	1	94528187	melanoma
1595	ABCA4	1	94544976	melanoma
1596	ABCA4	1	94574166	lung
1597	ABCA4	1	94574166	lung
1598	ARHGAP29	1	94655635	Astr
1599	ARHGAP29	1	94655635	GCIMP_high
1600	ARHGAP29	1	94655635	IDHmut
1601	ARHGAP29	1	94655635	IDHmut_noncodel
1602	ARHGAP29	1	94655635	LGG GBM
1603	ARHGAP29	1	94655635	Proneural
1604	ARHGAP29	1	94685913	melanoma
1605	ARHGAP29	1	94685913	melanoma
1606	F3	1	94997948	melanoma
1607	ALG14	1	95448708	bladder
1608	ALG14	1	95492780	Astr
1609	ALG14	1	95492780	IDHwt
1610	ALG14	1	95492780	LGG GBM
1611	ALG14	1	95492780	Neural
1612	ALG14	1	95492780	PA_like
1613	TMEM56	1	95657153	melanoma
1614	PTBP2	1	97235327	melanoma
1615	PTBP2	1	97235327	melanoma
1616	DPYD	1	97547942	melanoma
1617	DPYD	1	97564056	melanoma
1618	DPYD	1	97564056	melanoma
1619	DPYD	1	97700485	melanoma
1620	DPYD	1	97770923	melanoma
1621	DPYD	1	97847978	Classic
1622	DPYD	1	97847978	Classic
1623	DPYD	1	97847978	Classic_like

1624	DPYD	1	97847978	Classic like
1625	DPYD	1	97847978	Gbm
1626	DPYD	1	97847978	Gbm
1627	DPYD	1	97847978	IDHwt
1628	DPYD	1	97847978	IDHwt
1629	DPYD	1	97847978	IDHwt_priGBM
1630	DPYD	1	97847978	IDHwt_priGBM
1631	DPYD	1	97847978	LGG GBM
1632	DPYD	1	97847978	LGG GBM
1633	DPYD	1	97981322	melanoma
1634	DPYD	1	97981322	melanoma
1635	DPYD	1	97981407	melanoma
1636	DPYD	1	97981469	melanoma
1637	DPYD	1	98015295	melanoma
1638	DPYD	1	98144725	lung
1639	DPYD	1	98186452	melanoma
1640	SNX7	1	99164406	lung
1641	PLPPR5	1	99380406	melanoma
1642	PLPPR4	1	99762394	melanoma
1643	PLPPR4	1	99771722	melanoma
1644	PLPPR4	1	99771722	melanoma
1645	PALMD	1	100152240	melanoma
1646	FRRS1	1	100174558	lung
1647	FRRS1	1	100174596	melanoma
1648	FRRS1	1	100174596	melanoma
1649	AGL	1	100316603	melanoma
1650	AGL	1	100343286	melanoma
1651	AGL	1	100353559	GCIMP_high
1652	AGL	1	100353559	IDHmut
1653	AGL	1	100353559	IDHmut_noncodel
1654	AGL	1	100353559	LGG GBM
1655	AGL	1	100353559	Neural
1656	AGL	1	100353559	Oligo
1657	AGL	1	100353614	melanoma
1658	SLC35A3	1	100477024	Codel
1659	SLC35A3	1	100477024	IDHmut
1660	SLC35A3	1	100477024	IDHmut_codel
1661	SLC35A3	1	100477024	LGG GBM
1662	SLC35A3	1	100477024	OligoAstr
1663	SLC35A3	1	100477024	Proneural
1664	SLC35A3	1	100480866	Codel
1665	SLC35A3	1	100480866	IDHmut
1666	SLC35A3	1	100480866	IDHmut_codel
1667	SLC35A3	1	100480866	LGG GBM
1668	SLC35A3	1	100480866	Oligo
1669	SLC35A3	1	100480866	Proneural
1670	GPR88	1	101005526	melanoma
1671	S1PR1	1	101704773	melanoma
1672	S1PR1	1	101705358	melanoma
1673	S1PR1	1	101705358	melanoma
1674	OLFM3	1	102270189	melanoma
1675	OLFM3	1	102296332	melanoma
1676	OLFM3	1	102302478	melanoma
1677	COL11A1	1	103345402	melanoma
1678	COL11A1	1	103352600	melanoma
1679	COL11A1	1	103453212	Gbm
1680	COL11A1	1	103453212	IDHwt
1681	COL11A1	1	103453212	IDHwt_priGBM

1682	COL11A1	1	103453212	LGG GBM
1683	COL11A1	1	103453212	Mesenchymal
1684	COL11A1	1	103453212	Mesenchymal_like
1685	AMY2A	1	104160707	lung
1686	AMY2A	1	104160707	lung
1687	NTNG1	1	107867028	lung
1688	NTNG1	1	107867028	lung
1689	NTNG1	1	107867037	lung
1690	NTNG1	1	107867093	melanoma
1691	NTNG1	1	107867093	melanoma
1692	VAV3	1	108247627	melanoma
1693	VAV3	1	108303444	melanoma
1694	VAV3	1	108417605	lung
1695	SLC25A24	1	108681745	melanoma
1696	FAM102B	1	109167272	melanoma
1697	HENMT1	1	109193008	Codel
1698	HENMT1	1	109193008	IDHmut
1699	HENMT1	1	109193008	IDHmut_codel
1700	HENMT1	1	109193008	LGG GBM
1701	HENMT1	1	109193008	Oligo
1702	HENMT1	1	109193008	Proneural
1703	HENMT1	1	109198292	melanoma
1704	FNDC7	1	109270499	melanoma
1705	GPSM2	1	109439556	melanoma
1706	TMEM167B	1	109635518	melanoma
1707	KIAA1324	1	109734362	melanoma
1708	SARS	1	109773620	GCIMP_high
1709	SARS	1	109773620	IDHmut
1710	SARS	1	109773620	IDHmut_noncodel
1711	SARS	1	109773620	LGG GBM
1712	SARS	1	109773620	Oligo
1713	SARS	1	109773620	Proneural
1714	SARS	1	109778644	melanoma
1715	SARS	1	109780458	hnsc
1716	CELSR2	1	109795999	Classic
1717	CELSR2	1	109795999	Classic
1718	CELSR2	1	109795999	Classic
1719	CELSR2	1	109795999	Gbm
1720	CELSR2	1	109795999	Gbm
1721	CELSR2	1	109795999	Gbm
1722	CELSR2	1	109795999	IDHwt
1723	CELSR2	1	109795999	IDHwt
1724	CELSR2	1	109795999	IDHwt
1725	CELSR2	1	109795999	IDHwt_priGBM
1726	CELSR2	1	109795999	IDHwt_priGBM
1727	CELSR2	1	109795999	IDHwt_priGBM
1728	CELSR2	1	109795999	LGG GBM
1729	CELSR2	1	109795999	LGG GBM
1730	CELSR2	1	109795999	LGG GBM
1731	CELSR2	1	109795999	Mesenchymal_like
1732	CELSR2	1	109795999	Mesenchymal_like
1733	CELSR2	1	109795999	Mesenchymal_like
1734	CELSR2	1	109801522	melanoma
1735	CELSR2	1	109801522	melanoma
1736	CELSR2	1	109803792	melanoma
1737	CELSR2	1	109813588	melanoma
1738	CELSR2	1	109813588	melanoma
1739	PSRC1	1	109823414	hnsc

1740	MYBPHL	1	109837813	melanoma
1741	MYBPHL	1	109840831	lung
1742	MYBPHL	1	109840831	lung
1743	MYBPHL	1	109840831	melanoma
1744	MYBPHL	1	109849580	melanoma
1745	SORT1	1	109865632	melanoma
1746	SORT1	1	109867616	melanoma
1747	PSMA5	1	109944693	melanoma
1748	PSMA5	1	109964523	Gbm
1749	PSMA5	1	109964523	IDHwt
1750	PSMA5	1	109964523	IDHwt_priGBM
1751	PSMA5	1	109964523	LGG GBM
1752	PSMA5	1	109964523	Neural
1753	GPR61	1	110086488	melanoma
1754	GPR61	1	110086611	melanoma
1755	GNAI3	1	110128956	lung
1756	GNAT2	1	110152706	melanoma
1757	AMPD2	1	110171092	melanoma
1758	AHCYL1	1	110555032	melanoma
1759	STRIP1	1	110586409	melanoma
1760	KCNC4	1	110766483	melanoma
1761	RBM15	1	110883463	melanoma
1762	KCNA10	1	111060317	Codel
1763	KCNA10	1	111060317	IDHmut
1764	KCNA10	1	111060317	IDHmut_codel
1765	KCNA10	1	111060317	LGG GBM
1766	KCNA10	1	111060317	Neural
1767	KCNA10	1	111060317	Oligo
1768	KCNA10	1	111060337	melanoma
1769	KCNA10	1	111060956	lung
1770	KCNA3	1	111216789	melanoma
1771	CD53	1	111435046	melanoma
1772	CD53	1	111435046	melanoma
1773	LRIF1	1	111492703	melanoma
1774	DENND2D	1	111731353	melanoma
1775	CHI3L2	1	111778327	melanoma
1776	ADORA3	1	112042796	melanoma
1777	ADORA3;TMIGD3	1	112045654	melanoma
1778	ADORA3;TMIGD3	1	112045973	melanoma
1779	DDX20	1	112303714	melanoma
1780	DDX20	1	112305380	melanoma
1781	DDX20	1	112308457	melanoma
1782	KCND3	1	112329724	melanoma
1783	KCND3	1	112525179	bladder
1784	KCND3	1	112525338	melanoma
1785	KCND3	1	112525338	melanoma
1786	CTTNBP2NL	1	112958812	melanoma
1787	CTTNBP2NL	1	112999357	melanoma
1788	CTTNBP2NL	1	112999577	melanoma
1789	CTTNBP2NL	1	112999643	melanoma
1790	ST7L	1	113161686	melanoma
1791	CAPZA1	1	113192063	lung
1792	CAPZA1	1	113197151	melanoma
1793	MOV10	1	113235511	melanoma
1794	FAM19A3	1	113266597	bladder
1795	SLC16A1	1	113456566	melanoma
1796	LRIG2	1	113642853	melanoma
1797	LRIG2	1	113643089	melanoma

1798	LRIG2	1	113643092	melanoma
1799	LRIG2	1	113643092	melanoma
1800	MAGI3	1	114216056	melanoma
1801	RSBN1	1	114340338	melanoma
1802	RSBN1	1	114340338	melanoma
1803	AP4B1	1	114437755	melanoma
1804	DCLRE1B	1	114453833	GCIMP_high
1805	DCLRE1B	1	114453833	IDHmut
1806	DCLRE1B	1	114453833	IDHmut_noncodel
1807	DCLRE1B	1	114453833	LGG GBM
1808	DCLRE1B	1	114453833	OligoAstr
1809	DCLRE1B	1	114453833	Proneural
1810	DCLRE1B	1	114453977	melanoma
1811	DCLRE1B	1	114454007	melanoma
1812	DCLRE1B	1	114454029	melanoma
1813	HIPK1	1	114483511	bladder
1814	HIPK1	1	114508833	Classic_like
1815	HIPK1	1	114508833	Gbm
1816	HIPK1	1	114508833	IDHwt
1817	HIPK1	1	114508833	IDHwt_priGBM
1818	HIPK1	1	114508833	LGG GBM
1819	HIPK1	1	114508833	Mesenchymal
1820	HIPK1	1	114508840	Classic_like
1821	HIPK1	1	114508840	Classic_like
1822	HIPK1	1	114508840	Gbm
1823	HIPK1	1	114508840	Gbm
1824	HIPK1	1	114508840	IDHwt
1825	HIPK1	1	114508840	IDHwt
1826	HIPK1	1	114508840	IDHwt_priGBM
1827	HIPK1	1	114508840	IDHwt_priGBM
1828	HIPK1	1	114508840	LGG GBM
1829	HIPK1	1	114508840	LGG GBM
1830	HIPK1	1	114508840	Mesenchymal
1831	HIPK1	1	114508840	Mesenchymal
1832	HIPK1	1	114510515	GCIMP_high
1833	HIPK1	1	114510515	IDHmut
1834	HIPK1	1	114510515	IDHmut_noncodel
1835	HIPK1	1	114510515	LGG GBM
1836	HIPK1	1	114510515	OligoAstr
1837	HIPK1	1	114510515	Proneural
1838	HIPK1	1	114511153	melanoma
1839	HIPK1	1	114511153	melanoma
1840	HIPK1	1	114511153	melanoma
1841	HIPK1	1	114511153	melanoma
1842	OLFML3	1	114523774	melanoma
1843	OLFML3	1	114523892	melanoma
1844	BCAS2	1	115112637	melanoma
1845	DENND2C	1	115130367	melanoma
1846	DENND2C	1	115130378	melanoma
1847	DENND2C	1	115165658	melanoma
1848	DENND2C	1	115166224	melanoma
1849	DENND2C	1	115166224	melanoma
1850	AMPD1	1	115216313	lung
1851	AMPD1	1	115218599	melanoma
1852	AMPD1	1	115220541	melanoma
1853	AMPD1	1	115221019	melanoma
1854	NRAS	1	115256478	melanoma
1855	NRAS	1	115256529	melanoma

1856	NRAS	1	115256529	melanoma
1857	NRAS	1	115256529	melanoma
1858	NRAS	1	115258694	melanoma
1859	NRAS	1	115258718	melanoma
1860	NRAS	1	115258745	melanoma
1861	NRAS	1	115258745	melanoma
1862	NRAS	1	115258745	melanoma
1863	NRAS	1	115258745	melanoma
1864	SIKE1	1	115316951	bladder
1865	SYCP1	1	115398170	hnsc
1866	SYCP1	1	115428212	melanoma
1867	SYCP1	1	115453058	Astr
1868	SYCP1	1	115453058	GCIMP_high
1869	SYCP1	1	115453058	IDHmut
1870	SYCP1	1	115453058	IDHmut_noncodel
1871	SYCP1	1	115453058	LGG GBM
1872	SYCP1	1	115453058	Mesenchymal
1873	TSPAN2	1	115600202	IDHwt_priGBM2
1874	TSPAN2	1	115600211	melanoma
1875	TSPAN2	1	115615601	melanoma
1876	SLC22A15	1	116609274	melanoma
1877	MAB21L3	1	116675825	Gbm
1878	MAB21L3	1	116675825	IDHwt
1879	MAB21L3	1	116675825	IDHwt_priGBM
1880	MAB21L3	1	116675825	LGG GBM
1881	MAB21L3	1	116675825	Mesenchymal
1882	MAB21L3	1	116675852	lung
1883	IGSF3	1	117146449	melanoma
1884	IGSF3	1	117146578	melanoma
1885	PTGFRN	1	117504195	Astr
1886	PTGFRN	1	117504195	GCIMP_high
1887	PTGFRN	1	117504195	IDHmut
1888	PTGFRN	1	117504195	IDHmut_noncodel
1889	PTGFRN	1	117504195	LGG GBM
1890	PTGFRN	1	117504195	Proneural
1891	CD101	1	117552685	Gbm
1892	CD101	1	117552685	Gbm
1893	CD101	1	117552685	IDHwt
1894	CD101	1	117552685	IDHwt
1895	CD101	1	117552685	IDHwt_priGBM
1896	CD101	1	117552685	IDHwt_priGBM
1897	CD101	1	117552685	LGG GBM
1898	CD101	1	117552685	LGG GBM
1899	CD101	1	117552685	Mesenchymal_like
1900	CD101	1	117552685	Mesenchymal_like
1901	CD101	1	117552685	Proneural
1902	CD101	1	117552685	Proneural
1903	TTF2	1	117639997	melanoma
1904	VTCN1	1	117695829	lung
1905	FAM46C	1	118165671	melanoma
1906	FAM46C	1	118166577	Gbm
1907	FAM46C	1	118166577	Gbm
1908	FAM46C	1	118166577	IDHwt
1909	FAM46C	1	118166577	IDHwt
1910	FAM46C	1	118166577	IDHwt_priGBM
1911	FAM46C	1	118166577	IDHwt_priGBM
1912	FAM46C	1	118166577	LGG GBM
1913	FAM46C	1	118166577	LGG GBM

1914	FAM46C	1	118166577	Mesenchymal
1915	FAM46C	1	118166577	Mesenchymal
1916	FAM46C	1	118166577	Mesenchymal_like
1917	FAM46C	1	118166577	Mesenchymal_like
1918	GDAP2	1	118424453	melanoma
1919	WDR3	1	118483783	GCIMP_high
1920	WDR3	1	118483783	GCIMP_high
1921	WDR3	1	118483783	GCIMP_high
1922	WDR3	1	118483783	IDHmut
1923	WDR3	1	118483783	IDHmut
1924	WDR3	1	118483783	IDHmut
1925	WDR3	1	118483783	IDHmut_noncodel
1926	WDR3	1	118483783	IDHmut_noncodel
1927	WDR3	1	118483783	IDHmut_noncodel
1928	WDR3	1	118483783	LGG GBM
1929	WDR3	1	118483783	LGG GBM
1930	WDR3	1	118483783	LGG GBM
1931	WDR3	1	118483783	Neural
1932	WDR3	1	118483783	Neural
1933	WDR3	1	118483783	Neural
1934	WDR3	1	118483783	OligoAstr
1935	WDR3	1	118483783	OligoAstr
1936	WDR3	1	118483783	OligoAstr
1937	WDR3	1	118492450	melanoma
1938	SPAG17	1	118534070	melanoma
1939	SPAG17	1	118558655	Classic_like
1940	SPAG17	1	118558655	Classic_like
1941	SPAG17	1	118558655	Gbm
1942	SPAG17	1	118558655	Gbm
1943	SPAG17	1	118558655	IDHwt
1944	SPAG17	1	118558655	IDHwt
1945	SPAG17	1	118558655	IDHwt_priGBM
1946	SPAG17	1	118558655	IDHwt_priGBM
1947	SPAG17	1	118558655	LGG GBM
1948	SPAG17	1	118558655	LGG GBM
1949	SPAG17	1	118598365	melanoma
1950	SPAG17	1	118598439	melanoma
1951	TBX15	1	119469184	melanoma
1952	HAO2	1	119929290	melanoma
1953	HSD3B1	1	120050152	melanoma
1954	HSD3B1	1	120056706	melanoma
1955	HSD3B1	1	120056706	melanoma
1956	ZNF697	1	120166565	lung
1957	PHGDH	1	120284425	lung
1958	HMGCS2	1	120295267	melanoma
1959	ADAM30	1	120436891	melanoma
1960	ADAM30	1	120438183	melanoma
1961	NOTCH2	1	120458689	melanoma
1962	NOTCH2	1	120465300	melanoma
1963	NOTCH2	1	120466501	bladder
1964	NOTCH2	1	120483298	bladder
1965	NOTCH2	1	120491184	Codel
1966	NOTCH2	1	120491184	IDHmut
1967	NOTCH2	1	120491184	IDHmut_codel
1968	NOTCH2	1	120491184	LGG GBM
1969	NOTCH2	1	120491184	Neural
1970	NOTCH2	1	120491184	Oligo
1971	PPIAL4G	1	143767482	melanoma

1972	PPIAL4G	1	143767580	lung
1973	PDE4DIP	1	144854638	melanoma
1974	PDE4DIP	1	144854638	melanoma
1975	PDE4DIP	1	144864203	bladder
1976	PDE4DIP	1	144871818	melanoma
1977	PDE4DIP	1	144879473	melanoma
1978	PDE4DIP	1	144879473	melanoma
1979	PDE4DIP	1	144881603	melanoma
1980	PDE4DIP	1	144922028	melanoma
1981	PDE4DIP	1	144931060	melanoma
1982	HFE2	1	145415687	melanoma
1983	ANKRD34A	1	145473777	melanoma
1984	ANKRD34A	1	145473993	melanoma
1985	ANKRD34A	1	145474590	hnscc
1986	ANKRD34A	1	145474590	hnscc
1987	ANKRD34A	1	145474590	hnscc
1988	LIX1L	1	145487399	bladder
1989	ITGA10	1	145528298	melanoma
1990	ITGA10	1	145528298	melanoma
1991	ITGA10	1	145532760	melanoma
1992	ITGA10	1	145533456	melanoma
1993	ITGA10	1	145536091	melanoma
1994	ITGA10	1	145538023	melanoma
1995	ANKRD35	1	145562114	melanoma
1996	CHD1L	1	146767122	melanoma
1997	BCL9	1	147084687	melanoma
1998	BCL9	1	147096102	melanoma
1999	ACP6	1	147119358	Gbm
2000	ACP6	1	147119358	Gbm
2001	ACP6	1	147119358	IDHwt
2002	ACP6	1	147119358	IDHwt
2003	ACP6	1	147119358	IDHwt_priGBM
2004	ACP6	1	147119358	IDHwt_priGBM
2005	ACP6	1	147119358	LGG GBM
2006	ACP6	1	147119358	LGG GBM
2007	ACP6	1	147119358	Mesenchymal_like
2008	ACP6	1	147119358	Mesenchymal_like
2009	ACP6	1	147119358	Proneural
2010	ACP6	1	147119358	Proneural
2011	GJA5	1	147230694	melanoma
2012	GJA5	1	147230694	melanoma
2013	GJA5	1	147230694	melanoma
2014	GJA8	1	147381326	melanoma
2015	NBPF26	1	148004589	melanoma
2016	FCGR1A	1	149755801	melanoma
2017	SV2A	1	149880802	melanoma
2018	SV2A	1	149881036	melanoma
2019	SV2A	1	149882234	bladder
2020	SV2A	1	149882234	bladder
2021	SV2A	1	149882234	bladder
2022	SV2A	1	149884901	hnscc
2023	SF3B4	1	149898358	melanoma
2024	MTMR11	1	149901786	melanoma
2025	MTMR11	1	149905307	lung
2026	MTMR11	1	149906114	Gbm
2027	MTMR11	1	149906114	IDHwt
2028	MTMR11	1	149906114	IDHwt_priGBM
2029	MTMR11	1	149906114	LGG GBM

2030	MTMR11	1	149906114	Mesenchymal_like
2031	MTMR11	1	149906114	Proneural
2032	OTUD7B	1	149921666	melanoma
2033	OTUD7B	1	149921666	melanoma
2034	VPS45	1	150064112	bladder
2035	CIART	1	150255727	melanoma
2036	CIART	1	150255727	melanoma
2037	CIART	1	150256020	melanoma
2038	PRPF3	1	150310700	melanoma
2039	PRPF3	1	150310700	melanoma
2040	PRPF3	1	150310700	melanoma
2041	RPRD2	1	150337343	bladder
2042	RPRD2	1	150444134	bladder
2043	RPRD2	1	150444633	melanoma
2044	RPRD2	1	150445550	lung
2045	TARS2	1	150468985	melanoma
2046	TARS2	1	150468986	melanoma
2047	TARS2	1	150468986	melanoma
2048	TARS2	1	150468986	melanoma
2049	GOLPH3L	1	150621209	melanoma
2050	HORMAD1	1	150679261	melanoma
2051	ARNT	1	150808872	melanoma
2052	ARNT	1	150808872	melanoma
2053	ARNT	1	150808935	melanoma
2054	ANXA9	1	150967084	Astr
2055	ANXA9	1	150967084	IDHwt
2056	ANXA9	1	150967084	LGG GBM
2057	ANXA9	1	150967084	Neural
2058	ANXA9	1	150967084	PA like
2059	MINDY1	1	150974248	melanoma
2060	CDC42SE1	1	151027521	melanoma
2061	GABPB2	1	151090619	bladder
2062	SEMA6C	1	151111189	melanoma
2063	TNFAIP8L2	1	151131357	melanoma
2064	PSMD4	1	151239758	melanoma
2065	ZNF687	1	151260385	melanoma
2066	PI4KB	1	151267000	melanoma
2067	PI4KB	1	151271347	Classic
2068	PI4KB	1	151271347	Classic_like
2069	PI4KB	1	151271347	Gbm
2070	PI4KB	1	151271347	IDHwt
2071	PI4KB	1	151271347	IDHwt_priGBM
2072	PI4KB	1	151271347	LGG GBM
2073	PI4KB	1	151280087	melanoma
2074	PI4KB	1	151280087	melanoma
2075	PI4KB	1	151280123	melanoma
2076	PI4KB	1	151280123	melanoma
2077	PI4KB	1	151280123	melanoma
2078	PI4KB	1	151280123	melanoma
2079	RFX5	1	151314838	melanoma
2080	SELENBP1	1	151338858	melanoma
2081	SELENBP1	1	151341547	lung
2082	POGZ	1	151378006	melanoma
2083	POGZ	1	151378230	melanoma
2084	CELF3	1	151679988	melanoma
2085	CELF3	1	151680401	melanoma
2086	CELF3	1	151687090	melanoma
2087	CELF3	1	151688439	hnscc

2088	TDRKH	1	151751298	melanoma
2089	LINGO4	1	151774949	melanoma
2090	RORC	1	151787392	melanoma
2091	RORC	1	151789268	Classic
2092	RORC	1	151789268	Gbm
2093	RORC	1	151789268	LGG GBM
2094	RORC	1	151789268	Mesenchymal_like
2095	THEM5	1	151824899	melanoma
2096	TCHHL1	1	152058176	melanoma
2097	TCHHL1	1	152059889	melanoma
2098	TCHH	1	152080904	GCIMP_high
2099	TCHH	1	152080904	IDHmut
2100	TCHH	1	152080904	IDHmut_noncodel
2101	TCHH	1	152080904	LGG GBM
2102	TCHH	1	152080904	Neural
2103	TCHH	1	152080904	Oligo
2104	TCHH	1	152082760	Gbm
2105	TCHH	1	152082760	IDHwt
2106	TCHH	1	152082760	IDHwt_priGBM
2107	TCHH	1	152082760	LGG GBM
2108	TCHH	1	152082760	Mesenchymal
2109	TCHH	1	152082760	Mesenchymal_like
2110	TCHH	1	152085476	melanoma
2111	RPTN	1	152127401	melanoma
2112	RPTN	1	152127956	melanoma
2113	RPTN	1	152128065	lung
2114	RPTN	1	152128100	lung
2115	RPTN	1	152128100	lung
2116	RPTN	1	152128324	lung
2117	RPTN	1	152129112	lung
2118	HRNR	1	152185734	Gbm
2119	HRNR	1	152185734	IDHwt
2120	HRNR	1	152185734	IDHwt_priGBM
2121	HRNR	1	152185734	LGG GBM
2122	HRNR	1	152185734	Mesenchymal_like
2123	HRNR	1	152186039	melanoma
2124	HRNR	1	152187086	melanoma
2125	HRNR	1	152187086	melanoma
2126	HRNR	1	152188164	melanoma
2127	FLG	1	152275601	melanoma
2128	FLG	1	152275601	melanoma
2129	FLG	1	152276495	melanoma
2130	FLG	1	152277625	bladder
2131	FLG	1	152279837	melanoma
2132	FLG	1	152281021	bladder
2133	FLG	1	152281355	melanoma
2134	FLG	1	152281402	Astr
2135	FLG	1	152281402	Classic
2136	FLG	1	152281402	Classic_like
2137	FLG	1	152281402	IDHwt
2138	FLG	1	152281402	LGG GBM
2139	FLG	1	152281967	Astr
2140	FLG	1	152281967	IDHwt
2141	FLG	1	152281967	LGG GBM
2142	FLG	1	152281967	Mesenchymal_like
2143	FLG	1	152282083	melanoma
2144	FLG	1	152286221	melanoma
2145	FLG	1	152286313	melanoma

2146	FLG;FLG-AS1	1	152287099	Classic_like
2147	FLG;FLG-AS1	1	152287099	Classic_like
2148	FLG;FLG-AS1	1	152287099	Gbm
2149	FLG;FLG-AS1	1	152287099	Gbm
2150	FLG;FLG-AS1	1	152287099	IDHwt
2151	FLG;FLG-AS1	1	152287099	IDHwt
2152	FLG;FLG-AS1	1	152287099	IDHwt_priGBM
2153	FLG;FLG-AS1	1	152287099	IDHwt_priGBM
2154	FLG;FLG-AS1	1	152287099	LGG GBM
2155	FLG;FLG-AS1	1	152287099	LGG GBM
2156	FLG;FLG-AS1	1	152287099	Neural
2157	FLG;FLG-AS1	1	152287099	Neural
2158	FLG;FLG-AS1	1	152287099	melanoma
2159	FLG;FLG-AS1	1	152287099	melanoma
2160	FLG	1	152287830	melanoma
2161	FLG2	1	152324086	melanoma
2162	FLG2	1	152324086	melanoma
2163	FLG2	1	152324884	melanoma
2164	FLG2	1	152324972	melanoma
2165	FLG2	1	152331294	melanoma
2166	CRNN	1	152383341	melanoma
2167	LCE3A	1	152595412	IDHwt
2168	LCE3A	1	152595412	LGG GBM
2169	LCE3A	1	152595412	Mesenchymal
2170	LCE3A	1	152595412	Mesenchymal_like
2171	LCE3A	1	152595412	Oligo
2172	LCE2D	1	152636834	melanoma
2173	LCE4A	1	152681655	melanoma
2174	KPRP	1	152732210	melanoma
2175	KPRP	1	152733071	melanoma
2176	KPRP	1	152733413	melanoma
2177	KPRP	1	152733646	melanoma
2178	SPRR1A	1	152957774	Classic
2179	SPRR1A	1	152957774	Classic_like
2180	SPRR1A	1	152957774	Gbm
2181	SPRR1A	1	152957774	IDHwt
2182	SPRR1A	1	152957774	IDHwt_priGBM
2183	SPRR1A	1	152957774	LGG GBM
2184	SPRR3	1	152975896	melanoma
2185	SPRR3	1	152975896	melanoma
2186	SPRR3	1	152975896	melanoma
2187	SPRR3	1	152975957	melanoma
2188	PGLYRP3	1	153270545	melanoma
2189	PGLYRP3	1	153270545	melanoma
2190	PGLYRP3	1	153270545	melanoma
2191	PGLYRP3	1	153270545	melanoma
2192	PGLYRP3	1	153276410	Astr
2193	PGLYRP3	1	153276410	Astr
2194	PGLYRP3	1	153276410	IDHwt
2195	PGLYRP3	1	153276410	IDHwt
2196	PGLYRP3	1	153276410	LGG GBM
2197	PGLYRP3	1	153276410	LGG GBM
2198	PGLYRP3	1	153276410	Neural
2199	PGLYRP3	1	153276410	Neural
2200	PGLYRP3	1	153276410	PA_like
2201	PGLYRP3	1	153276410	PA_like
2202	PGLYRP4	1	153314240	melanoma
2203	S100A12	1	153346308	melanoma

2204	S100A12	1	153346346	melanoma
2205	S100A2	1	153536230	melanoma
2206	S100A14	1	153587755	lung
2207	NPR1	1	153654983	melanoma
2208	NPR1	1	153660577	melanoma
2209	NPR1	1	153660679	lung
2210	NPR1	1	153661977	melanoma
2211	INTS3	1	153742761	melanoma
2212	SLC27A3	1	153747884	bladder
2213	GATAD2B	1	153788856	melanoma
2214	GATAD2B	1	153788856	melanoma
2215	GATAD2B	1	153789031	melanoma
2216	GATAD2B	1	153789031	melanoma
2217	CRTC2	1	153921596	lung
2218	CRTC2	1	153924076	bladder
2219	CRTC2	1	153924076	bladder
2220	CRTC2	1	153924076	bladder
2221	CRTC2	1	153924076	bladder
2222	NUP210L	1	154030610	melanoma
2223	NUP210L	1	154030610	melanoma
2224	NUP210L	1	154033464	melanoma
2225	NUP210L	1	154067556	melanoma
2226	NUP210L	1	154067556	melanoma
2227	UBAP2L	1	154226459	melanoma
2228	UBAP2L	1	154226459	melanoma
2229	UBAP2L	1	154241257	melanoma
2230	AQP10	1	154293680	Codel
2231	AQP10	1	154293680	IDHmut
2232	AQP10	1	154293680	IDHmut_codel
2233	AQP10	1	154293680	LGG GBM
2234	AQP10	1	154293680	Proneural
2235	AQP10	1	154296784	melanoma
2236	ATP8B2	1	154304445	melanoma
2237	ATP8B2	1	154306636	melanoma
2238	ATP8B2	1	154319195	melanoma
2239	ATP8B2	1	154321418	melanoma
2240	ATP8B2	1	154321418	melanoma
2241	IL6R	1	154407565	melanoma
2242	IL6R	1	154407565	melanoma
2243	SHE	1	154456698	bladder
2244	UBE2Q1	1	154525217	melanoma
2245	UBE2Q1	1	154525217	melanoma
2246	CHRNA2	1	154544048	melanoma
2247	CHRNA2	1	154544048	melanoma
2248	CHRNA2	1	154544396	lung
2249	ADAR	1	154562713	melanoma
2250	ADAR	1	154562713	melanoma
2251	ADAR	1	154562713	melanoma
2252	SHC1	1	154940994	melanoma
2253	FLAD1	1	154956345	melanoma
2254	FLAD1	1	154961257	melanoma
2255	FLAD1	1	154965407	melanoma
2256	DCST1	1	155019722	melanoma
2257	EFNA4	1	155039366	IDHwt_priGBM2
2258	EFNA4	1	155039366	IDHwt_priGBM2
2259	EFNA3	1	155059005	melanoma
2260	SLC50A1	1	155110672	melanoma
2261	SLC50A1	1	155110672	melanoma

2262	KRTCAP2	1	155142310	melanoma
2263	KRTCAP2	1	155145745	melanoma
2264	TRIM46	1	155148483	melanoma
2265	TRIM46	1	155156512	melanoma
2266	THBS3	1	155174996	melanoma
2267	GBA	1	155205623	melanoma
2268	GBA	1	155205623	melanoma
2269	GBA	1	155206127	melanoma
2270	GBA	1	155206127	melanoma
2271	GBA	1	155209541	melanoma
2272	GBA	1	155209784	melanoma
2273	FAM189B	1	155217676	melanoma
2274	FAM189B	1	155217676	melanoma
2275	SCAMP3	1	155231885	melanoma
2276	HCN3	1	155257893	melanoma
2277	HCN3	1	155257893	melanoma
2278	HCN3	1	155257952	melanoma
2279	HCN3	1	155257952	melanoma
2280	PKLR	1	155264045	melanoma
2281	PKLR	1	155264045	melanoma
2282	PKLR	1	155264045	melanoma
2283	PKLR	1	155265304	lung
2284	PKLR	1	155271150	melanoma
2285	PKLR	1	155271150	melanoma
2286	FDPS	1	155282121	melanoma
2287	RUSC1	1	155292079	lung
2288	ASH1L	1	155313983	bladder
2289	ASH1L	1	155319338	bladder
2290	ASH1L	1	155408571	melanoma
2291	MSTO1	1	155582889	melanoma
2292	YY1AP1	1	155630053	melanoma
2293	YY1AP1	1	155642494	melanoma
2294	GON4L	1	155735846	melanoma
2295	GON4L	1	155736173	melanoma
2296	GON4L	1	155736173	melanoma
2297	GON4L	1	155736173	melanoma
2298	SYT11	1	155851144	melanoma
2299	KIAA0907	1	155891215	lung
2300	ARHGEF2	1	155927588	melanoma
2301	ARHGEF2	1	155927588	melanoma
2302	ARHGEF2	1	155927588	melanoma
2303	ARHGEF2	1	155932443	melanoma
2304	ARHGEF2	1	155935533	Astr
2305	ARHGEF2	1	155935533	Classic
2306	ARHGEF2	1	155935533	Classic_like
2307	ARHGEF2	1	155935533	IDHwt
2308	ARHGEF2	1	155935533	LGG GBM
2309	UBQLN4	1	156020303	melanoma
2310	UBQLN4	1	156021503	melanoma
2311	LAMTOR2	1	156024691	melanoma
2312	LMNA	1	156104684	Codel
2313	LMNA	1	156104684	Codel
2314	LMNA	1	156104684	IDHmut
2315	LMNA	1	156104684	IDHmut
2316	LMNA	1	156104684	IDHmut_codel
2317	LMNA	1	156104684	IDHmut_codel
2318	LMNA	1	156104684	LGG GBM
2319	LMNA	1	156104684	LGG GBM

2320	LMNA	1	156104684	Neural
2321	LMNA	1	156104684	Neural
2322	LMNA	1	156104684	OligoAstr
2323	LMNA	1	156104684	OligoAstr
2324	SEMA4A	1	156126283	melanoma
2325	SLC25A44	1	156170251	melanoma
2326	SMG5	1	156220783	melanoma
2327	TMEM79	1	156255699	GCIMP_high
2328	TMEM79	1	156255699	IDHmut
2329	TMEM79	1	156255699	IDHmut_noncodel
2330	TMEM79	1	156255699	LGG GBM
2331	TMEM79	1	156255699	Neural
2332	TMEM79	1	156255699	Oligo
2333	CCT3	1	156281858	melanoma
2334	RHBG	1	156347155	melanoma
2335	RHBG	1	156347242	melanoma
2336	RHBG	1	156351210	bladder
2337	IQGAP3	1	156503577	melanoma
2338	IQGAP3	1	156504399	melanoma
2339	IQGAP3	1	156533596	melanoma
2340	TTC24	1	156554727	bladder
2341	TTC24	1	156555785	bladder
2342	TTC24	1	156556320	bladder
2343	TTC24	1	156556320	bladder
2344	NAXE	1	156561624	melanoma
2345	BCAN	1	156621404	melanoma
2346	BCAN	1	156626790	Astr
2347	BCAN	1	156626790	GCIMP_high
2348	BCAN	1	156626790	IDHmut
2349	BCAN	1	156626790	IDHmut_noncodel
2350	BCAN	1	156626790	LGG GBM
2351	BCAN	1	156626790	Neural
2352	NES	1	156640774	Gbm
2353	NES	1	156640774	IDHwt
2354	NES	1	156640774	IDHwt_priGBM
2355	NES	1	156640774	LGG GBM
2356	NES	1	156640774	Neural
2357	NES	1	156641678	melanoma
2358	NES	1	156642028	melanoma
2359	RRNAD1	1	156702252	Gbm
2360	RRNAD1	1	156702252	IDHwt
2361	RRNAD1	1	156702252	IDHwt_priGBM
2362	RRNAD1	1	156702252	LGG GBM
2363	RRNAD1	1	156702252	Mesenchymal
2364	RRNAD1	1	156702784	melanoma
2365	PRCC	1	156764463	Classic_like
2366	PRCC	1	156764463	Classic_like
2367	PRCC	1	156764463	Gbm
2368	PRCC	1	156764463	Gbm
2369	PRCC	1	156764463	IDHwt
2370	PRCC	1	156764463	IDHwt
2371	PRCC	1	156764463	IDHwt_priGBM
2372	PRCC	1	156764463	IDHwt_priGBM
2373	PRCC	1	156764463	LGG GBM
2374	PRCC	1	156764463	LGG GBM
2375	INSRR	1	156813243	melanoma
2376	INSRR	1	156819118	melanoma
2377	NTRK1	1	156838320	lung

2378	PEAR1	1	156880050	melanoma
2379	PEAR1	1	156883725	Astr
2380	PEAR1	1	156883725	Classic
2381	PEAR1	1	156883725	IDHwt
2382	PEAR1	1	156883725	LGG GBM
2383	PEAR1	1	156883725	Mesenchymal_like
2384	LRRC71	1	156902732	melanoma
2385	LRRC71	1	156902732	melanoma
2386	ARHGEF11	1	156907213	melanoma
2387	ARHGEF11	1	156926288	melanoma
2388	ARHGEF11	1	156955928	melanoma
2389	ETV3L	1	157068529	Classic
2390	ETV3L	1	157068529	Classic_like
2391	ETV3L	1	157068529	Gbm
2392	ETV3L	1	157068529	IDHwt
2393	ETV3L	1	157068529	IDHwt_priGBM
2394	ETV3L	1	157068529	LGG GBM
2395	FCRL5	1	157494077	melanoma
2396	FCRL5	1	157494077	melanoma
2397	FCRL5	1	157494098	melanoma
2398	FCRL5	1	157497521	melanoma
2399	FCRL5	1	157508986	melanoma
2400	FCRL5	1	157514184	melanoma
2401	FCRL5	1	157514184	melanoma
2402	FCRL5	1	157514333	melanoma
2403	FCRL5	1	157516898	melanoma
2404	FCRL5	1	157516931	melanoma
2405	FCRL4	1	157551387	melanoma
2406	FCRL4	1	157551387	melanoma
2407	FCRL4	1	157557123	melanoma
2408	FCRL4	1	157559222	lung
2409	FCRL3	1	157659663	melanoma
2410	FCRL3	1	157660320	melanoma
2411	FCRL3	1	157665949	melanoma
2412	FCRL3	1	157665949	melanoma
2413	FCRL3	1	157667674	bladder
2414	FCRL1	1	157773822	bladder
2415	CD5L	1	157805786	lung
2416	CD1C	1	158261127	melanoma
2417	CD1C	1	158262641	hnscc
2418	CD1B	1	158298792	melanoma
2419	CD1B	1	158299680	melanoma
2420	CD1E	1	158324169	melanoma
2421	CD1E	1	158324352	melanoma
2422	CD1E	1	158325195	melanoma
2423	CD1E	1	158325321	GCIMP_high
2424	CD1E	1	158325321	IDHmut
2425	CD1E	1	158325321	IDHmut_noncodel
2426	CD1E	1	158325321	LGG GBM
2427	CD1E	1	158325321	Neural
2428	CD1E	1	158325321	Oligo
2429	CD1E	1	158325737	melanoma
2430	CD1E	1	158326293	lung
2431	CD1E	1	158326550	lung
2432	OR10T2	1	158368893	melanoma
2433	OR10T2	1	158369058	melanoma
2434	OR10T2	1	158369058	melanoma
2435	OR10K2	1	158390344	melanoma

2436	OR10K2	1	158390457	melanoma
2437	OR10K1	1	158435715	melanoma
2438	OR10K1	1	158436237	melanoma
2439	OR10R2	1	158449688	Gbm
2440	OR10R2	1	158449688	Gbm
2441	OR10R2	1	158449688	IDHwt
2442	OR10R2	1	158449688	IDHwt
2443	OR10R2	1	158449688	IDHwt_priGBM
2444	OR10R2	1	158449688	IDHwt_priGBM
2445	OR10R2	1	158449688	LGG GBM
2446	OR10R2	1	158449688	LGG GBM
2447	OR10R2	1	158449688	LGm6_GBM
2448	OR10R2	1	158449688	LGm6_GBM
2449	OR10R2	1	158449812	lung
2450	OR10R2	1	158449929	melanoma
2451	OR10R2	1	158450293	Classic
2452	OR10R2	1	158450293	IDHwt
2453	OR10R2	1	158450293	LGG GBM
2454	OR10R2	1	158450293	Mesenchymal_like
2455	OR10R2	1	158450457	Codel
2456	OR10R2	1	158450457	Codel
2457	OR10R2	1	158450457	IDHmut
2458	OR10R2	1	158450457	IDHmut
2459	OR10R2	1	158450457	IDHmut_codel
2460	OR10R2	1	158450457	IDHmut_codel
2461	OR10R2	1	158450457	LGG GBM
2462	OR10R2	1	158450457	LGG GBM
2463	OR10R2	1	158450457	Proneural
2464	OR10R2	1	158450457	Proneural
2465	OR10R2	1	158450480	bladder
2466	OR10R2	1	158450642	lung
2467	OR10R2	1	158450642	lung
2468	OR6Y1	1	158517252	melanoma
2469	OR6Y1	1	158517343	melanoma
2470	OR6Y1	1	158517343	melanoma
2471	OR6Y1	1	158517343	melanoma
2472	OR6Y1	1	158517442	melanoma
2473	OR6Y1	1	158517822	melanoma
2474	OR6Y1	1	158517822	melanoma
2475	OR6Y1	1	158517841	melanoma
2476	OR10X1	1	158549172	melanoma
2477	OR10X1	1	158549611	melanoma
2478	OR10X1	1	158549611	melanoma
2479	OR10X1	1	158549611	melanoma
2480	OR10Z1	1	158577042	lung
2481	SPTA1	1	158584062	melanoma
2482	SPTA1	1	158584062	melanoma
2483	SPTA1	1	158585181	melanoma
2484	SPTA1	1	158592796	melanoma
2485	SPTA1	1	158592937	melanoma
2486	SPTA1	1	158604373	melanoma
2487	SPTA1	1	158605806	melanoma
2488	SPTA1	1	158609686	melanoma
2489	SPTA1	1	158613176	melanoma
2490	SPTA1	1	158617462	melanoma
2491	SPTA1	1	158622418	melanoma
2492	SPTA1	1	158624420	melanoma
2493	SPTA1	1	158636129	melanoma

2494	SPTA1	1	158641934	Classic like
2495	SPTA1	1	158641934	Gbm
2496	SPTA1	1	158641934	LGG GBM
2497	SPTA1	1	158641934	Proneural
2498	SPTA1	1	158644392	lung
2499	OR6K2	1	158669721	Codel
2500	OR6K2	1	158669721	Codel
2501	OR6K2	1	158669721	Codel
2502	OR6K2	1	158669721	IDHmut
2503	OR6K2	1	158669721	IDHmut
2504	OR6K2	1	158669721	IDHmut
2505	OR6K2	1	158669721	IDHmut_codel
2506	OR6K2	1	158669721	IDHmut_codel
2507	OR6K2	1	158669721	IDHmut_codel
2508	OR6K2	1	158669721	LGG GBM
2509	OR6K2	1	158669721	LGG GBM
2510	OR6K2	1	158669721	LGG GBM
2511	OR6K2	1	158669721	Oligo
2512	OR6K2	1	158669721	Oligo
2513	OR6K2	1	158669721	Oligo
2514	OR6K2	1	158669721	Proneural
2515	OR6K2	1	158669721	Proneural
2516	OR6K2	1	158669721	Proneural
2517	OR6K2	1	158669760	Classic
2518	OR6K2	1	158669760	Classic
2519	OR6K2	1	158669760	Classic like
2520	OR6K2	1	158669760	Classic like
2521	OR6K2	1	158669760	Gbm
2522	OR6K2	1	158669760	Gbm
2523	OR6K2	1	158669760	IDHwt
2524	OR6K2	1	158669760	IDHwt
2525	OR6K2	1	158669760	IDHwt_priGBM
2526	OR6K2	1	158669760	IDHwt_priGBM
2527	OR6K2	1	158669760	LGG GBM
2528	OR6K2	1	158669760	LGG GBM
2529	OR6K2	1	158670168	melanoma
2530	OR6K3	1	158687734	melanoma
2531	OR6K3	1	158687734	melanoma
2532	OR6K3	1	158687817	melanoma
2533	OR6K6	1	158725074	melanoma
2534	OR6N1	1	158735838	melanoma
2535	OR6N1	1	158735991	melanoma
2536	OR6N1	1	158736112	melanoma
2537	OR6N1	1	158736112	melanoma
2538	OR6N1	1	158736243	melanoma
2539	OR6N1	1	158736463	melanoma
2540	OR6N2	1	158746573	melanoma
2541	OR6N2	1	158746857	lung
2542	OR6N2	1	158746959	melanoma
2543	OR6N2	1	158747148	melanoma
2544	MNDA	1	158812004	melanoma
2545	MNDA	1	158812109	melanoma
2546	MNDA	1	158813908	melanoma
2547	MNDA	1	158815725	melanoma
2548	MNDA	1	158815725	melanoma
2549	PYHIN1	1	158906755	melanoma
2550	PYHIN1	1	158906881	Gbm
2551	PYHIN1	1	158906881	Gbm

2552	PYHIN1	1	158906881	Gbm
2553	PYHIN1	1	158906881	IDHwt
2554	PYHIN1	1	158906881	IDHwt
2555	PYHIN1	1	158906881	IDHwt
2556	PYHIN1	1	158906881	IDHwt_priGBM
2557	PYHIN1	1	158906881	IDHwt_priGBM
2558	PYHIN1	1	158906881	IDHwt_priGBM
2559	PYHIN1	1	158906881	LGG GBM
2560	PYHIN1	1	158906881	LGG GBM
2561	PYHIN1	1	158906881	LGG GBM
2562	PYHIN1	1	158906881	Mesenchymal
2563	PYHIN1	1	158906881	Mesenchymal
2564	PYHIN1	1	158906881	Mesenchymal
2565	PYHIN1	1	158906881	Mesenchymal_like
2566	PYHIN1	1	158906881	Mesenchymal_like
2567	PYHIN1	1	158906881	Mesenchymal_like
2568	PYHIN1	1	158909027	melanoma
2569	PYHIN1	1	158911951	melanoma
2570	IFI16	1	158984708	lung
2571	AIM2	1	159033458	lung
2572	AIM2	1	159043081	IDHwt_priGBM2
2573	AIM2	1	159043081	IDHwt_priGBM2
2574	ACKR1	1	159175806	melanoma
2575	FCER1A	1	159273729	melanoma
2576	FCER1A	1	159273826	melanoma
2577	FCER1A	1	159275846	Classic
2578	FCER1A	1	159275846	Classic
2579	FCER1A	1	159275846	Classic
2580	FCER1A	1	159275846	Classic_like
2581	FCER1A	1	159275846	Classic_like
2582	FCER1A	1	159275846	Classic_like
2583	FCER1A	1	159275846	Gbm
2584	FCER1A	1	159275846	Gbm
2585	FCER1A	1	159275846	Gbm
2586	FCER1A	1	159275846	IDHwt
2587	FCER1A	1	159275846	IDHwt
2588	FCER1A	1	159275846	IDHwt
2589	FCER1A	1	159275846	IDHwt_priGBM
2590	FCER1A	1	159275846	IDHwt_priGBM
2591	FCER1A	1	159275846	IDHwt_priGBM
2592	FCER1A	1	159275846	LGG GBM
2593	FCER1A	1	159275846	LGG GBM
2594	FCER1A	1	159275846	LGG GBM
2595	FCER1A	1	159277544	Astr
2596	FCER1A	1	159277544	GCIMP_high
2597	FCER1A	1	159277544	IDHmut
2598	FCER1A	1	159277544	IDHmut_noncodel
2599	FCER1A	1	159277544	LGG GBM
2600	FCER1A	1	159277544	Proneural
2601	FCER1A	1	159277667	melanoma
2602	FCER1A	1	159277667	melanoma
2603	FCER1A	1	159277667	melanoma
2604	OR10J3	1	159284031	melanoma
2605	OR10J1	1	159409747	melanoma
2606	OR10J1	1	159409935	melanoma
2607	OR10J1	1	159410164	melanoma
2608	OR10J5	1	159505452	lung
2609	OR10J5	1	159505463	Codel

2610	OR10J5	1	159505463	Codel
2611	OR10J5	1	159505463	Codel
2612	OR10J5	1	159505463	IDHmut
2613	OR10J5	1	159505463	IDHmut
2614	OR10J5	1	159505463	IDHmut
2615	OR10J5	1	159505463	IDHmut_codel
2616	OR10J5	1	159505463	IDHmut_codel
2617	OR10J5	1	159505463	IDHmut_codel
2618	OR10J5	1	159505463	LGG GBM
2619	OR10J5	1	159505463	LGG GBM
2620	OR10J5	1	159505463	LGG GBM
2621	OR10J5	1	159505463	Oligo
2622	OR10J5	1	159505463	Oligo
2623	OR10J5	1	159505463	Oligo
2624	OR10J5	1	159505463	Proneural
2625	OR10J5	1	159505463	Proneural
2626	OR10J5	1	159505463	Proneural
2627	OR10J5	1	159505472	Astr
2628	OR10J5	1	159505472	GCIMP_high
2629	OR10J5	1	159505472	IDHmut
2630	OR10J5	1	159505472	IDHmut_noncodel
2631	OR10J5	1	159505472	LGG GBM
2632	APCS	1	159558377	melanoma
2633	CRP	1	159683466	melanoma
2634	CRP	1	159683466	melanoma
2635	CRP	1	159683730	melanoma
2636	CRP	1	159683730	melanoma
2637	FCRL6	1	159776398	melanoma
2638	FCRL6	1	159785402	melanoma
2639	SLAMF8	1	159799668	melanoma
2640	CFAP45	1	159842876	IDHwt
2641	CFAP45	1	159842876	LGG GBM
2642	CFAP45	1	159842876	Mesenchymal_like
2643	CFAP45	1	159842876	Neural
2644	CFAP45	1	159842876	OligoAstr
2645	CFAP45	1	159846404	melanoma
2646	PIGM	1	160000290	melanoma
2647	KCNJ9	1	160054265	melanoma
2648	ATP1A2	1	160100328	lung
2649	ATP1A4	1	160124989	lung
2650	ATP1A4	1	160136781	lung
2651	ATP1A4	1	160136781	lung
2652	ATP1A4	1	160136781	lung
2653	ATP1A4	1	160144388	Gbm
2654	ATP1A4	1	160144388	IDHwt
2655	ATP1A4	1	160144388	IDHwt_priGBM
2656	ATP1A4	1	160144388	LGG GBM
2657	ATP1A4	1	160144388	Mesenchymal
2658	ATP1A4	1	160145942	melanoma
2659	ATP1A4	1	160145942	melanoma
2660	CASQ1	1	160171062	melanoma
2661	PEX19	1	160252838	melanoma
2662	SLAMF6	1	160461161	Gbm
2663	SLAMF6	1	160461161	IDHwt
2664	SLAMF6	1	160461161	IDHwt_priGBM
2665	SLAMF6	1	160461161	LGG GBM
2666	SLAMF6	1	160461161	Mesenchymal_like
2667	SLAMF6	1	160465940	melanoma

2668	CD48	1	160651029	melanoma
2669	SLAMF7	1	160720115	melanoma
2670	SLAMF7	1	160720162	melanoma
2671	SLAMF7	1	160720162	melanoma
2672	SLAMF7	1	160720162	melanoma
2673	LY9	1	160784327	Classic
2674	LY9	1	160784327	Gbm
2675	LY9	1	160784327	IDHwt
2676	LY9	1	160784327	IDHwt_priGBM
2677	LY9	1	160784327	LGG GBM
2678	LY9	1	160786511	bladder
2679	LY9	1	160786515	melanoma
2680	LY9	1	160786515	melanoma
2681	ITLN1	1	160849132	bladder
2682	ITLN1	1	160849160	Classic
2683	ITLN1	1	160849160	IDHwt
2684	ITLN1	1	160849160	LGG GBM
2685	ITLN1	1	160849160	Mesenchymal_like
2686	ITLN1	1	160849160	OligoAstr
2687	ITLN2	1	160922491	melanoma
2688	F11R	1	160969967	melanoma
2689	F11R	1	160970003	Classic
2690	F11R	1	160970003	Classic
2691	F11R	1	160970003	Gbm
2692	F11R	1	160970003	Gbm
2693	F11R	1	160970003	IDHwt
2694	F11R	1	160970003	IDHwt
2695	F11R	1	160970003	IDHwt_priGBM
2696	F11R	1	160970003	IDHwt_priGBM
2697	F11R	1	160970003	LGG GBM
2698	F11R	1	160970003	LGG GBM
2699	F11R	1	160970003	Mesenchymal_like
2700	F11R	1	160970003	Mesenchymal_like
2701	ARHGAP30	1	161024250	melanoma
2702	ARHGAP30	1	161026248	melanoma
2703	ARHGAP30	1	161026248	melanoma
2704	ARHGAP30	1	161029462	melanoma
2705	NECTIN4	1	161047521	melanoma
2706	NECTIN4	1	161047521	melanoma
2707	NECTIN4	1	161049529	Gbm
2708	NECTIN4	1	161049529	IDHwt
2709	NECTIN4	1	161049529	IDHwt_priGBM
2710	NECTIN4	1	161049529	LGG GBM
2711	NECTIN4	1	161049529	Mesenchymal
2712	NECTIN4	1	161049529	Mesenchymal_like
2713	NIT1	1	161089717	bladder
2714	NIT1	1	161089717	bladder
2715	USP21	1	161132788	melanoma
2716	B4GALT3	1	161145700	melanoma
2717	ADAMTS4	1	161161205	lung
2718	ADAMTS4	1	161161205	lung
2719	ADAMTS4	1	161161223	melanoma
2720	ADAMTS4	1	161161223	melanoma
2721	ADAMTS4	1	161168212	melanoma
2722	FCER1G	1	161188684	melanoma
2723	TOMM40L	1	161197684	melanoma
2724	NR1I3	1	161201000	melanoma
2725	MPZ	1	161276165	melanoma

2726	SDHC	1	161293421	melanoma
2727	SDHC	1	161332201	melanoma
2728	HSPA6	1	161495715	melanoma
2729	HSPA6	1	161495739	melanoma
2730	FCGR3A	1	161518217	melanoma
2731	FCGR3B	1	161599601	melanoma
2732	FCGR3B	1	161599601	melanoma
2733	FCRLA	1	161683033	melanoma
2734	ATF6	1	161928323	melanoma
2735	ATF6	1	161928323	melanoma
2736	NOS1AP	1	162124264	bladder
2737	NOS1AP	1	162313652	lung
2738	NOS1AP	1	162326754	melanoma
2739	NOS1AP	1	162326754	melanoma
2740	NOS1AP	1	162326787	melanoma
2741	SH2D1B	1	162368835	melanoma
2742	UHMK1	1	162469909	melanoma
2743	UHMK1	1	162492275	Gbm
2744	UHMK1	1	162492275	IDHwt
2745	UHMK1	1	162492275	IDHwt_priGBM
2746	UHMK1	1	162492275	LGG GBM
2747	UHMK1	1	162492275	Mesenchymal_like
2748	UHMK1	1	162492294	melanoma
2749	UAP1	1	162546602	bladder
2750	DDR2	1	162729751	bladder
2751	DDR2	1	162749912	Classic
2752	DDR2	1	162749912	Gbm
2753	DDR2	1	162749912	IDHwt
2754	DDR2	1	162749912	IDHwt_priGBM
2755	DDR2	1	162749912	LGG GBM
2756	PBX1	1	164776825	melanoma
2757	LMX1A	1	165182909	melanoma
2758	LMX1A	1	165182927	lung
2759	LMX1A	1	165218702	melanoma
2760	LRRC52	1	165532851	Gbm
2761	LRRC52	1	165532851	IDHwt
2762	LRRC52	1	165532851	IDHwt_priGBM
2763	LRRC52	1	165532851	LGG GBM
2764	LRRC52	1	165532851	Proneural
2765	UCK2	1	165875192	bladder
2766	UCK2	1	165875192	bladder
2767	UCK2	1	165875192	bladder
2768	UCK2	1	165877035	melanoma
2769	FAM78B	1	166039681	melanoma
2770	FAM78B	1	166039681	melanoma
2771	FAM78B	1	166039681	melanoma
2772	ILDR2	1	166892019	melanoma
2773	ILDR2	1	166896328	melanoma
2774	ILDR2	1	166927179	melanoma
2775	MAEL	1	166961951	bladder
2776	MAEL	1	166987081	melanoma
2777	DUSP27	1	167095273	melanoma
2778	DUSP27	1	167096524	melanoma
2779	DUSP27	1	167096524	melanoma
2780	DUSP27	1	167096524	melanoma
2781	DUSP27	1	167097192	melanoma
2782	DUSP27	1	167097771	melanoma
2783	POU2F1	1	167343496	lung

2784	POU2F1	1	167343496	lung
2785	POU2F1	1	167345326	melanoma
2786	POU2F1	1	167367341	melanoma
2787	CD247	1	167487654	melanoma
2788	RCS1	1	167654704	lung
2789	ADCY10	1	167791329	melanoma
2790	ADCY10	1	167791329	melanoma
2791	ADCY10	1	167802322	melanoma
2792	ADCY10	1	167805762	melanoma
2793	ADCY10	1	167815252	melanoma
2794	ADCY10	1	167823698	melanoma
2795	ADCY10	1	167823698	melanoma
2796	ADCY10	1	167825553	melanoma
2797	ADCY10	1	167825553	melanoma
2798	ADCY10	1	167847753	melanoma
2799	ADCY10	1	167847790	melanoma
2800	ADCY10	1	167847790	melanoma
2801	ADCY10	1	167874369	melanoma
2802	GPR161	1	168065940	melanoma
2803	TBX19	1	168260459	lung
2804	TBX19	1	168278111	melanoma
2805	DPT	1	168698385	melanoma
2806	DPT	1	168698385	melanoma
2807	DPT	1	168698385	melanoma
2808	NME7	1	169204379	melanoma
2809	BLZF1	1	169351440	melanoma
2810	BLZF1	1	169351440	melanoma
2811	F5	1	169497162	melanoma
2812	F5	1	169500056	bladder
2813	F5	1	169500185	melanoma
2814	F5	1	169510012	melanoma
2815	F5	1	169510453	Gbm
2816	F5	1	169510453	Gbm
2817	F5	1	169510453	IDHwt
2818	F5	1	169510453	IDHwt
2819	F5	1	169510453	IDHwt_priGBM
2820	F5	1	169510453	IDHwt_priGBM
2821	F5	1	169510453	LGG GBM
2822	F5	1	169510453	LGG GBM
2823	F5	1	169510453	Mesenchymal_like
2824	F5	1	169510453	Mesenchymal_like
2825	F5	1	169510631	melanoma
2826	F5	1	169510631	melanoma
2827	F5	1	169511336	melanoma
2828	F5	1	169511762	melanoma
2829	F5	1	169526051	melanoma
2830	F5	1	169526051	melanoma
2831	F5	1	169528435	melanoma
2832	F5	1	169528435	melanoma
2833	F5	1	169529852	melanoma
2834	F5	1	169529852	melanoma
2835	SELP	1	169565286	melanoma
2836	SELP	1	169572413	melanoma
2837	SELP	1	169580787	melanoma
2838	SELP	1	169582877	melanoma
2839	SELL	1	169670800	melanoma
2840	SELL	1	169672477	melanoma
2841	SELL	1	169672477	melanoma

2842	SELL	1	169672524	melanoma
2843	SELL	1	169672524	melanoma
2844	SELL	1	169672545	melanoma
2845	SELE	1	169695926	melanoma
2846	SELE	1	169695926	melanoma
2847	SELE	1	169698637	Classic
2848	SELE	1	169698637	Classic_like
2849	SELE	1	169698637	IDHwt
2850	SELE	1	169698637	LGG GBM
2851	SELE	1	169698637	OligoAstr
2852	SELE	1	169698743	melanoma
2853	SELE	1	169698743	melanoma
2854	SELE	1	169701065	melanoma
2855	SELE	1	169701065	melanoma
2856	C1orf112	1	169790881	melanoma
2857	SCYL3	1	169824996	Classic like
2858	SCYL3	1	169824996	IDHwt
2859	SCYL3	1	169824996	LGG GBM
2860	KIFAP3	1	169890881	lung
2861	GORAB	1	170508546	melanoma
2862	GORAB	1	170513848	melanoma
2863	GORAB	1	170513848	melanoma
2864	MROH9	1	170927674	melanoma
2865	MROH9	1	170927675	melanoma
2866	MROH9	1	170928676	hnsc
2867	MROH9	1	170928676	hnsc
2868	MROH9	1	170928676	hnsc
2869	MROH9	1	170993671	melanoma
2870	MROH9	1	171031320	melanoma
2871	MROH9	1	171031320	melanoma
2872	FMO3	1	171073017	lung
2873	FMO3	1	171080128	melanoma
2874	FMO3	1	171086296	melanoma
2875	FMO3	1	171086299	melanoma
2876	FMO3	1	171086299	melanoma
2877	FMO3	1	171086299	melanoma
2878	FMO3	1	171086299	melanoma
2879	FMO1	1	171249950	melanoma
2880	FMO1	1	171249950	melanoma
2881	FMO1	1	171249965	melanoma
2882	FMO1	1	171251410	melanoma
2883	FMO1	1	171251410	melanoma
2884	FMO1	1	171252321	melanoma
2885	PRRC2C	1	171506546	melanoma
2886	PRRC2C	1	171509907	melanoma
2887	PRRC2C	1	171556203	melanoma
2888	MYOC	1	171621166	melanoma
2889	METTL13	1	171753346	melanoma
2890	METTL13	1	171761193	melanoma
2891	METTL13	1	171763622	melanoma
2892	DNM3	1	172011267	melanoma
2893	DNM3	1	172357790	melanoma
2894	SUCO	1	172501620	melanoma
2895	SUCO	1	172501841	melanoma
2896	SUCO	1	172501841	melanoma
2897	SUCO	1	172558528	melanoma
2898	SUCO	1	172559056	melanoma
2899	SUCO	1	172559056	melanoma

2900	SUCO	1	172569279	melanoma
2901	FASLG	1	172628450	melanoma
2902	FASLG	1	172634791	melanoma
2903	FASLG	1	172635151	lung
2904	TNFSF18	1	173010812	melanoma
2905	TNFSF18	1	173019883	melanoma
2906	TNFSF4	1	173155903	melanoma
2907	TNFSF4	1	173155903	melanoma
2908	PRDX6	1	173450520	melanoma
2909	PRDX6	1	173454570	GCIMP_high
2910	PRDX6	1	173454570	IDHmut
2911	PRDX6	1	173454570	IDHmut_noncodel
2912	PRDX6	1	173454570	LGG GBM
2913	SLC9C2	1	173476135	melanoma
2914	SLC9C2	1	173486753	melanoma
2915	SLC9C2	1	173505000	Gbm
2916	SLC9C2	1	173505000	IDHwt
2917	SLC9C2	1	173505000	IDHwt_priGBM
2918	SLC9C2	1	173505000	LGG GBM
2919	SLC9C2	1	173505000	Mesenchymal
2920	SLC9C2	1	173517676	melanoma
2921	SLC9C2	1	173523914	melanoma
2922	SLC9C2	1	173526526	melanoma
2923	SLC9C2	1	173526585	GCIMP_high
2924	SLC9C2	1	173526585	IDHmut
2925	SLC9C2	1	173526585	IDHmut_noncodel
2926	SLC9C2	1	173526585	LGG GBM
2927	SLC9C2	1	173552678	melanoma
2928	SLC9C2	1	173569263	melanoma
2929	SLC9C2	1	173569263	melanoma
2930	ANKRD45	1	173628503	melanoma
2931	SERPINC1	1	173878855	melanoma
2932	SERPINC1	1	173879935	IDHwt_priGBM2
2933	RABGAP1L	1	174200450	melanoma
2934	RABGAP1L	1	174363180	melanoma
2935	GPR52	1	174417338	melanoma
2936	CACYBP	1	174973912	melanoma
2937	TNN	1	175046576	bladder
2938	TNN	1	175049307	melanoma
2939	TNN	1	175049523	melanoma
2940	TNN	1	175096193	melanoma
2941	TNN	1	175105977	melanoma
2942	TNR	1	175299275	lung
2943	TNR	1	175299275	lung
2944	TNR	1	175299275	lung
2945	TNR	1	175324727	lung
2946	TNR	1	175325536	melanoma
2947	TNR	1	175325554	melanoma
2948	TNR	1	175331865	melanoma
2949	TNR	1	175332876	melanoma
2950	TNR	1	175332876	melanoma
2951	TNR	1	175334266	melanoma
2952	TNR	1	175335092	melanoma
2953	TNR	1	175335092	melanoma
2954	TNR	1	175348762	melanoma
2955	TNR	1	175375841	melanoma
2956	RFWD2	1	176054916	lung
2957	PAPPA2	1	176563773	Classic_like

2958	PAPPA2	1	176563773	Gbm
2959	PAPPA2	1	176563773	IDHwt
2960	PAPPA2	1	176563773	IDHwt_priGBM
2961	PAPPA2	1	176563773	LGG GBM
2962	PAPPA2	1	176563773	Neural
2963	PAPPA2	1	176563915	melanoma
2964	PAPPA2	1	176564262	melanoma
2965	PAPPA2	1	176564295	melanoma
2966	PAPPA2	1	176564295	melanoma
2967	PAPPA2	1	176640197	melanoma
2968	PAPPA2	1	176664945	melanoma
2969	PAPPA2	1	176664945	melanoma
2970	PAPPA2	1	176668713	lung
2971	PAPPA2	1	176668713	lung
2972	PAPPA2	1	176671817	melanoma
2973	PAPPA2	1	176708829	melanoma
2974	PAPPA2	1	176740145	melanoma
2975	ASTN1	1	176833521	melanoma
2976	ASTN1	1	176833536	melanoma
2977	ASTN1	1	176833536	melanoma
2978	ASTN1	1	176833536	melanoma
2979	ASTN1	1	176833536	melanoma
2980	ASTN1	1	176845705	melanoma
2981	ASTN1	1	176852094	hnsc
2982	ASTN1	1	176852094	hnsc
2983	ASTN1	1	176852107	melanoma
2984	ASTN1	1	176863960	melanoma
2985	ASTN1	1	176918366	melanoma
2986	ASTN1	1	176983976	melanoma
2987	ASTN1	1	177001612	lung
2988	ASTN1	1	177001982	melanoma
2989	ASTN1	1	177001982	melanoma
2990	ASTN1	1	177001982	melanoma
2991	ASTN1	1	177133677	melanoma
2992	BRINP2	1	177226461	lung
2993	BRINP2	1	177226461	lung
2994	BRINP2	1	177249571	melanoma
2995	BRINP2	1	177249613	lung
2996	BRINP2	1	177249898	lung
2997	BRINP2	1	177250143	melanoma
2998	BRINP2	1	177250143	melanoma
2999	BRINP2	1	177250447	melanoma
3000	BRINP2	1	177250447	melanoma
3001	BRINP2	1	177250537	melanoma
3002	SEC16B	1	177906598	melanoma
3003	SEC16B	1	177915597	melanoma
3004	SEC16B	1	177915597	melanoma
3005	SEC16B	1	177927977	melanoma
3006	SEC16B	1	177930779	IDHwt_priGBM2
3007	SEC16B	1	177937026	Classic
3008	SEC16B	1	177937026	Classic_like
3009	SEC16B	1	177937026	Gbm
3010	SEC16B	1	177937026	IDHwt
3011	SEC16B	1	177937026	IDHwt_priGBM
3012	SEC16B	1	177937026	LGG GBM
3013	RASAL2	1	178426873	melanoma
3014	RASAL2	1	178427066	melanoma
3015	RASAL2	1	178427537	lung

3016	RASAL2	1	178442232	melanoma
3017	RASAL2	1	178442232	melanoma
3018	RALGPS2	1	178754710	melanoma
3019	ANGPTL1	1	178834584	melanoma
3020	ANGPTL1	1	178834863	lung
3021	TOR3A	1	179054933	melanoma
3022	ABL2	1	179077574	melanoma
3023	ABL2	1	179078153	melanoma
3024	ABL2	1	179078153	melanoma
3025	ABL2	1	179086548	Gbm
3026	ABL2	1	179086548	IDHwt
3027	ABL2	1	179086548	IDHwt_priGBM
3028	ABL2	1	179086548	LGG GBM
3029	ABL2	1	179086548	Mesenchymal
3030	ABL2	1	179086548	Mesenchymal_like
3031	ABL2	1	179090899	melanoma
3032	SOAT1	1	179319441	Astr
3033	SOAT1	1	179319441	Classic
3034	SOAT1	1	179319441	Classic_like
3035	SOAT1	1	179319441	IDHwt
3036	SOAT1	1	179319441	LGG GBM
3037	AXDND1	1	179364249	melanoma
3038	AXDND1	1	179380297	melanoma
3039	AXDND1	1	179399690	Gbm
3040	AXDND1	1	179399690	IDHwt
3041	AXDND1	1	179399690	IDHwt_priGBM
3042	AXDND1	1	179399690	LGG GBM
3043	AXDND1	1	179399690	Mesenchymal_like
3044	AXDND1	1	179401430	melanoma
3045	AXDND1	1	179401430	melanoma
3046	AXDND1	1	179414169	lung
3047	AXDND1	1	179437626	melanoma
3048	NPHS2	1	179528870	melanoma
3049	TDRD5	1	179562633	lung
3050	TDRD5	1	179587780	melanoma
3051	TDRD5	1	179604914	melanoma
3052	TDRD5	1	179620154	hnsc
3053	TDRD5	1	179621271	melanoma
3054	TDRD5	1	179631314	melanoma
3055	TDRD5	1	179631314	melanoma
3056	CEP350	1	179961239	melanoma
3057	CEP350	1	179966226	melanoma
3058	CEP350	1	179983020	melanoma
3059	CEP350	1	179989214	melanoma
3060	CEP350	1	180012210	melanoma
3061	CEP350	1	180062525	Gbm
3062	CEP350	1	180062525	IDHwt
3063	CEP350	1	180062525	IDHwt_priGBM
3064	CEP350	1	180062525	LGG GBM
3065	CEP350	1	180062525	Mesenchymal_like
3066	CEP350	1	180062726	lung
3067	CEP350	1	180062726	lung
3068	LHX4	1	180243541	melanoma
3069	XPR1	1	180804029	melanoma
3070	XPR1	1	180804029	melanoma
3071	XPR1	1	180804029	melanoma
3072	KIAA1614	1	180885448	melanoma
3073	KIAA1614	1	180885448	melanoma

3074	KIAA1614	1	180886125	melanoma
3075	MR1	1	181018211	melanoma
3076	MR1	1	181022751	melanoma
3077	MR1	1	181022751	melanoma
3078	IER5	1	181058857	melanoma
3079	CACNA1E	1	181684510	Astr
3080	CACNA1E	1	181684510	GCIMP_low
3081	CACNA1E	1	181684510	IDHmut
3082	CACNA1E	1	181684510	IDHmut_noncodel
3083	CACNA1E	1	181684510	LGG GBM
3084	CACNA1E	1	181684510	Proneural
3085	CACNA1E	1	181686288	melanoma
3086	CACNA1E	1	181686297	melanoma
3087	CACNA1E	1	181690904	melanoma
3088	CACNA1E	1	181690904	melanoma
3089	CACNA1E	1	181690904	melanoma
3090	CACNA1E	1	181701779	lung
3091	CACNA1E	1	181726125	melanoma
3092	CACNA1E	1	181726125	melanoma
3093	CACNA1E	1	181726125	melanoma
3094	CACNA1E	1	181726125	melanoma
3095	CACNA1E	1	181726221	melanoma
3096	CACNA1E	1	181732620	melanoma
3097	CACNA1E	1	181732620	melanoma
3098	CACNA1E	1	181745306	Astr
3099	CACNA1E	1	181745306	Classic
3100	CACNA1E	1	181745306	IDHwt
3101	CACNA1E	1	181745306	LGG GBM
3102	CACNA1E	1	181745306	Mesenchymal_like
3103	CACNA1E	1	181745321	melanoma
3104	CACNA1E	1	181764078	melanoma
3105	CACNA1E	1	181767510	melanoma
3106	TEDDM1	1	182368944	melanoma
3107	TEDDM1	1	182368944	melanoma
3108	TEDDM1	1	182368944	melanoma
3109	TEDDM1	1	182368944	melanoma
3110	RGSL1	1	182423164	melanoma
3111	RGSL1	1	182442763	melanoma
3112	RGSL1	1	182443134	lung
3113	RGSL1	1	182458307	melanoma
3114	RGS8	1	182615908	melanoma
3115	RGS8	1	182615944	melanoma
3116	RGS8	1	182615944	melanoma
3117	RGS8	1	182615971	melanoma
3118	RGS8	1	182617391	melanoma
3119	NPL	1	182787959	Classic
3120	NPL	1	182787959	Classic
3121	NPL	1	182787959	Gbm
3122	NPL	1	182787959	Gbm
3123	NPL	1	182787959	IDHwt
3124	NPL	1	182787959	IDHwt
3125	NPL	1	182787959	IDHwt_priGBM
3126	NPL	1	182787959	IDHwt_priGBM
3127	NPL	1	182787959	LGG GBM
3128	NPL	1	182787959	LGG GBM
3129	NPL	1	182787959	Mesenchymal_like
3130	NPL	1	182787959	Mesenchymal_like
3131	DHX9	1	182845282	melanoma

3132	DHX9	1	182856471	melanoma
3133	SHCBP1L	1	182869285	melanoma
3134	SHCBP1L	1	182869285	melanoma
3135	SHCBP1L	1	182898883	melanoma
3136	SHCBP1L	1	182908441	melanoma
3137	SHCBP1L	1	182909558	melanoma
3138	SHCBP1L	1	182921884	lung
3139	LAMC1	1	183091004	melanoma
3140	LAMC1	1	183091285	melanoma
3141	LAMC1	1	183093988	melanoma
3142	LAMC1	1	183101545	bladder
3143	LAMC1	1	183111801	melanoma
3144	NMNAT2	1	183253868	lung
3145	APOBEC4	1	183617235	melanoma
3146	APOBEC4	1	183617235	melanoma
3147	TSEN15	1	184023494	melanoma
3148	TSEN15	1	184023876	melanoma
3149	RNF2	1	185062227	lung
3150	SWT1	1	185173874	melanoma
3151	SWT1	1	185175890	lung
3152	IVNS1ABP	1	185278261	melanoma
3153	IVNS1ABP	1	185278261	melanoma
3154	IVNS1ABP	1	185278261	melanoma
3155	HMCN1	1	185815175	Gbm
3156	HMCN1	1	185815175	Gbm
3157	HMCN1	1	185815175	IDHwt
3158	HMCN1	1	185815175	IDHwt
3159	HMCN1	1	185815175	IDHwt_priGBM
3160	HMCN1	1	185815175	IDHwt_priGBM
3161	HMCN1	1	185815175	LGG GBM
3162	HMCN1	1	185815175	LGG GBM
3163	HMCN1	1	185815175	Mesenchymal
3164	HMCN1	1	185815175	Mesenchymal
3165	HMCN1	1	185833620	melanoma
3166	HMCN1	1	185878628	melanoma
3167	HMCN1	1	185891590	lung
3168	HMCN1	1	185931758	melanoma
3169	HMCN1	1	185956668	Gbm
3170	HMCN1	1	185956668	IDHwt
3171	HMCN1	1	185956668	IDHwt_priGBM
3172	HMCN1	1	185956668	LGG GBM
3173	HMCN1	1	185956668	Mesenchymal_like
3174	HMCN1	1	185959562	melanoma
3175	HMCN1	1	185959562	melanoma
3176	HMCN1	1	185988675	Codel
3177	HMCN1	1	185988675	IDHmut
3178	HMCN1	1	185988675	IDHmut_codel
3179	HMCN1	1	185988675	LGG GBM
3180	HMCN1	1	185988675	Proneural
3181	HMCN1	1	186055380	melanoma
3182	HMCN1	1	186057369	melanoma
3183	HMCN1	1	186086600	melanoma
3184	HMCN1	1	186086600	melanoma
3185	HMCN1	1	186099788	Classic
3186	HMCN1	1	186099788	Classic_like
3187	HMCN1	1	186099788	Gbm
3188	HMCN1	1	186099788	IDHwt
3189	HMCN1	1	186099788	IDHwt_priGBM

3190	HMCN1	1	186099788	LGG GBM
3191	HMCN1	1	186105940	GCIMP_high
3192	HMCN1	1	186105940	IDHmut
3193	HMCN1	1	186105940	IDHmut_noncodel
3194	HMCN1	1	186105940	LGG GBM
3195	HMCN1	1	186105940	OligoAstr
3196	HMCN1	1	186105940	Proneural
3197	HMCN1	1	186114591	IDHwt
3198	HMCN1	1	186114591	LGG GBM
3199	HMCN1	1	186114591	Mesenchymal
3200	HMCN1	1	186114591	Mesenchymal_like
3201	HMCN1	1	186114591	Oligo
3202	HMCN1	1	186134285	hnscc
3203	PRG4	1	186270759	melanoma
3204	PRG4	1	186277534	melanoma
3205	PRG4	1	186277534	melanoma
3206	PRG4	1	186281438	melanoma
3207	PRG4	1	186281438	melanoma
3208	TPR	1	186332034	melanoma
3209	PTGS2	1	186643717	melanoma
3210	PTGS2	1	186645692	Astr
3211	PTGS2	1	186645692	Astr
3212	PTGS2	1	186645692	IDHwt
3213	PTGS2	1	186645692	IDHwt
3214	PTGS2	1	186645692	LGG GBM
3215	PTGS2	1	186645692	LGG GBM
3216	PTGS2	1	186645692	Neural
3217	PTGS2	1	186645692	Neural
3218	PTGS2	1	186645692	PA_like
3219	PTGS2	1	186645692	PA_like
3220	PLA2G4A	1	186957558	melanoma
3221	BRINP3	1	190067264	melanoma
3222	BRINP3	1	190067306	melanoma
3223	BRINP3	1	190067929	melanoma
3224	BRINP3	1	190129876	lung
3225	BRINP3	1	190250804	melanoma
3226	BRINP3	1	190423914	melanoma
3227	RGS21	1	192335099	melanoma
3228	RGS21	1	192335159	melanoma
3229	RGS1	1	192544995	melanoma
3230	RGS1	1	192544995	melanoma
3231	RGS1	1	192547399	melanoma
3232	CDC73	1	193111017	Codel
3233	CDC73	1	193111017	IDHmut
3234	CDC73	1	193111017	IDHmut_codel
3235	CDC73	1	193111017	LGG GBM
3236	CDC73	1	193111017	Oligo
3237	CDC73	1	193111017	Proneural
3238	CDC73	1	193181600	melanoma
3239	KCNT2	1	196250026	Astr
3240	KCNT2	1	196250026	Classic_like
3241	KCNT2	1	196250026	IDHwt
3242	KCNT2	1	196250026	LGG GBM
3243	KCNT2	1	196288666	melanoma
3244	KCNT2	1	196309516	melanoma
3245	KCNT2	1	196397273	melanoma
3246	KCNT2	1	196397273	melanoma
3247	KCNT2	1	196397273	melanoma

3248	KCNT2	1	196436886	lung
3249	KCNT2	1	196438137	melanoma
3250	KCNT2	1	196451486	melanoma
3251	KCNT2	1	196577402	melanoma
3252	KCNT2	1	196577403	melanoma
3253	CFH	1	196646701	melanoma
3254	CFH	1	196695951	melanoma
3255	CFH	1	196709801	Classic
3256	CFH	1	196709801	Gbm
3257	CFH	1	196709801	IDHwt
3258	CFH	1	196709801	IDHwt_priGBM
3259	CFH	1	196709801	LGG GBM
3260	CFH	1	196709801	Mesenchymal_like
3261	CFH	1	196712686	melanoma
3262	CFH	1	196715039	melanoma
3263	CFH	1	196716319	melanoma
3264	CFHR3	1	196748418	melanoma
3265	CFHR3	1	196749091	Gbm
3266	CFHR3	1	196749091	Gbm
3267	CFHR3	1	196749091	IDHwt
3268	CFHR3	1	196749091	IDHwt
3269	CFHR3	1	196749091	IDHwt_priGBM
3270	CFHR3	1	196749091	IDHwt_priGBM
3271	CFHR3	1	196749091	LGG GBM
3272	CFHR3	1	196749091	LGG GBM
3273	CFHR3	1	196749091	Mesenchymal
3274	CFHR3	1	196749091	Mesenchymal
3275	CFHR3	1	196749091	Mesenchymal_like
3276	CFHR3	1	196749091	Mesenchymal_like
3277	CFHR4	1	196876021	melanoma
3278	CFHR4	1	196876575	melanoma
3279	CFHR4	1	196883655	melanoma
3280	CFHR4	1	196887456	melanoma
3281	CFHR4	1	196887456	melanoma
3282	CFHR2	1	196918654	melanoma
3283	CFHR2	1	196918662	melanoma
3284	CFHR2	1	196927087	melanoma
3285	CFHR5	1	196953100	melanoma
3286	CFHR5	1	196965229	melanoma
3287	F13B	1	197009749	lung
3288	F13B	1	197009749	lung
3289	F13B	1	197009794	melanoma
3290	F13B	1	197009794	melanoma
3291	ASPM	1	197059377	melanoma
3292	ASPM	1	197059377	melanoma
3293	ASPM	1	197059487	melanoma
3294	ASPM	1	197069892	melanoma
3295	ASPM	1	197070117	melanoma
3296	ASPM	1	197070209	bladder
3297	ASPM	1	197070477	melanoma
3298	ASPM	1	197070715	Codel
3299	ASPM	1	197070715	IDHmut
3300	ASPM	1	197070715	IDHmut_codel
3301	ASPM	1	197070715	LGG GBM
3302	ASPM	1	197070715	Oligo
3303	ASPM	1	197070715	Proneural
3304	ASPM	1	197071187	melanoma
3305	ASPM	1	197072265	lung

3306	ASPM	1	197094265	melanoma
3307	ASPM	1	197094265	melanoma
3308	ASPM	1	197094265	melanoma
3309	ASPM	1	197094265	melanoma
3310	ASPM	1	197111850	bladder
3311	ASPM	1	197112765	melanoma
3312	ASPM	1	197112765	melanoma
3313	ASPM	1	197112765	melanoma
3314	ASPM	1	197112765	melanoma
3315	ZBTB41	1	197141292	melanoma
3316	ZBTB41	1	197150238	melanoma
3317	ZBTB41	1	197169578	melanoma
3318	CRB1	1	197313560	Classic
3319	CRB1	1	197313560	Classic_like
3320	CRB1	1	197313560	IDHwt
3321	CRB1	1	197313560	LGG GBM
3322	CRB1	1	197390654	melanoma
3323	CRB1	1	197390790	melanoma
3324	CRB1	1	197390790	melanoma
3325	CRB1	1	197390871	melanoma
3326	CRB1	1	197390871	melanoma
3327	CRB1	1	197396716	melanoma
3328	CRB1	1	197398586	melanoma
3329	CRB1	1	197404165	melanoma
3330	CRB1	1	197404165	melanoma
3331	CRB1	1	197404165	melanoma
3332	CRB1	1	197404300	melanoma
3333	CRB1	1	197411357	melanoma
3334	CRB1	1	197446962	melanoma
3335	DENND1B	1	197684175	lung
3336	DENND1B	1	197704755	melanoma
3337	C1orf53	1	197871979	hnscc
3338	LHX9	1	197896825	lung
3339	NEK7	1	198222233	melanoma
3340	NEK7	1	198222233	melanoma
3341	NEK7	1	198247118	melanoma
3342	NEK7	1	198262135	melanoma
3343	PTPRC	1	198671567	melanoma
3344	PTPRC	1	198671630	melanoma
3345	PTPRC	1	198673610	melanoma
3346	PTPRC	1	198711064	Astr
3347	PTPRC	1	198711064	Classic
3348	PTPRC	1	198711064	IDHwt
3349	PTPRC	1	198711064	LGG GBM
3350	PTPRC	1	198711064	Mesenchymal_like
3351	PTPRC	1	198725089	melanoma
3352	NR5A2	1	200017387	melanoma
3353	KIF14	1	200522773	melanoma
3354	KIF14	1	200529855	melanoma
3355	KIF14	1	200549498	lung
3356	KIF14	1	200569598	melanoma
3357	DDX59	1	200613437	melanoma
3358	DDX59	1	200618239	lung
3359	DDX59	1	200635187	Gbm
3360	DDX59	1	200635187	IDHmut
3361	DDX59	1	200635187	IDHmut_noncodel
3362	DDX59	1	200635187	LGG GBM
3363	CAMSAP2	1	200817284	hnscc

3364	CAMSAP2	1	200818142	melanoma
3365	CAMSAP2	1	200818142	melanoma
3366	CAMSAP2	1	200818142	melanoma
3367	C1orf106	1	200880772	melanoma
3368	C1orf106	1	200882698	melanoma
3369	KIF21B	1	200965377	lung
3370	KIF21B	1	200965470	melanoma
3371	KIF21B	1	200969090	melanoma
3372	KIF21B	1	200978441	melanoma
3373	CACNA1S	1	201009442	melanoma
3374	CACNA1S	1	201009442	melanoma
3375	CACNA1S	1	201010713	melanoma
3376	CACNA1S	1	201013536	melanoma
3377	CACNA1S	1	201028369	Classic
3378	CACNA1S	1	201028369	Classic_like
3379	CACNA1S	1	201028369	Gbm
3380	CACNA1S	1	201028369	IDHwt
3381	CACNA1S	1	201028369	IDHwt_priGBM
3382	CACNA1S	1	201028369	LGG GBM
3383	CACNA1S	1	201046062	bladder
3384	CACNA1S	1	201046128	melanoma
3385	CACNA1S	1	201046131	melanoma
3386	CACNA1S	1	201046211	melanoma
3387	CACNA1S	1	201058529	melanoma
3388	TMEM9	1	201104811	melanoma
3389	IGFN1	1	201165092	melanoma
3390	IGFN1	1	201169516	melanoma
3391	IGFN1	1	201174447	lung
3392	IGFN1	1	201174447	lung
3393	IGFN1	1	201182522	melanoma
3394	IGFN1	1	201182608	Gbm
3395	IGFN1	1	201182608	IDHwt
3396	IGFN1	1	201182608	IDHwt_priGBM
3397	IGFN1	1	201182608	LGG GBM
3398	IGFN1	1	201182608	Mesenchymal
3399	IGFN1	1	201182608	Mesenchymal_like
3400	IGFN1	1	201190709	Gbm
3401	IGFN1	1	201190709	IDHwt
3402	IGFN1	1	201190709	IDHwt_priGBM
3403	IGFN1	1	201190709	LGG GBM
3404	IGFN1	1	201190709	Mesenchymal_like
3405	IGFN1	1	201190860	melanoma
3406	IGFN1	1	201193850	melanoma
3407	PKP1	1	201282633	melanoma
3408	LAD1	1	201354881	melanoma
3409	CSRP1	1	201459436	melanoma
3410	NAV1	1	201757655	hnsc
3411	NAV1	1	201757655	hnsc
3412	NAV1	1	201763678	melanoma
3413	NAV1	1	201763696	melanoma
3414	IPO9	1	201817632	bladder
3415	IPO9	1	201823997	Gbm
3416	IPO9	1	201823997	IDHwt
3417	IPO9	1	201823997	IDHwt_priGBM
3418	IPO9	1	201823997	LGG GBM
3419	IPO9	1	201823997	Mesenchymal
3420	IPO9	1	201823997	Mesenchymal_like
3421	RNPEP	1	201966521	melanoma

3422	RNPEP	1	201972389	melanoma
3423	PTPN7	1	202128454	melanoma
3424	LGR6	1	202194588	melanoma
3425	LGR6	1	202194588	melanoma
3426	LGR6	1	202197104	melanoma
3427	LGR6	1	202266661	melanoma
3428	LGR6	1	202287476	melanoma
3429	LGR6	1	202287926	melanoma
3430	PPP1R12B	1	202406953	melanoma
3431	PPP1R12B	1	202464542	melanoma
3432	SYT2	1	202569551	melanoma
3433	KDM5B	1	202702692	melanoma
3434	KDM5B	1	202702699	lung
3435	KDM5B	1	202705357	melanoma
3436	KDM5B	1	202705357	melanoma
3437	KDM5B	1	202705357	melanoma
3438	KLHL12	1	202887462	melanoma
3439	KLHL12	1	202894233	melanoma
3440	ADIPOR1	1	202914187	Astr
3441	ADIPOR1	1	202914187	Astr
3442	ADIPOR1	1	202914187	IDHwt
3443	ADIPOR1	1	202914187	IDHwt
3444	ADIPOR1	1	202914187	LGG GBM
3445	ADIPOR1	1	202914187	LGG GBM
3446	ADIPOR1	1	202914187	Neural
3447	ADIPOR1	1	202914187	Neural
3448	ADIPOR1	1	202914187	PA_like
3449	ADIPOR1	1	202914187	PA_like
3450	CYB5R1	1	202931795	melanoma
3451	PPFIA4	1	203014509	Classic_like
3452	PPFIA4	1	203014509	Gbm
3453	PPFIA4	1	203014509	IDHwt
3454	PPFIA4	1	203014509	IDHwt_priGBM
3455	PPFIA4	1	203014509	LGG GBM
3456	PPFIA4	1	203020899	melanoma
3457	PPFIA4	1	203020899	melanoma
3458	PPFIA4	1	203020989	lung
3459	MYOG	1	203054677	melanoma
3460	ADORA1	1	203098303	melanoma
3461	MYBPH	1	203140544	melanoma
3462	CHI3L1	1	203152848	melanoma
3463	CHIT1	1	203192750	melanoma
3464	FMOD	1	203316473	melanoma
3465	ATP2B4	1	203678465	melanoma
3466	ZC3H11A	1	203787716	melanoma
3467	ZC3H11A	1	203797541	bladder
3468	ZC3H11A	1	203797541	bladder
3469	SOX13	1	204093838	lung
3470	SOX13	1	204093858	melanoma
3471	ETNK2	1	204103814	lung
3472	REN	1	204125010	melanoma
3473	REN	1	204125010	melanoma
3474	REN	1	204125908	melanoma
3475	REN	1	204129738	Classic
3476	REN	1	204129738	Classic_like
3477	REN	1	204129738	Gbm
3478	REN	1	204129738	IDHwt
3479	REN	1	204129738	IDHwt_priGBM

3480	REN	1	204129738	LGG GBM
3481	REN	1	204129738	melanoma
3482	REN	1	204135333	melanoma
3483	REN	1	204135333	melanoma
3484	REN	1	204135333	melanoma
3485	GOLT1A	1	204170809	melanoma
3486	GOLT1A	1	204170836	melanoma
3487	GOLT1A	1	204170837	melanoma
3488	PLEKHA6	1	204216539	melanoma
3489	PPP1R15B	1	204379395	bladder
3490	PPP1R15B	1	204379965	melanoma
3491	PPP1R15B	1	204379965	melanoma
3492	PIK3C2B	1	204415217	bladder
3493	MDM4	1	204495540	lung
3494	LRRN2	1	204587914	melanoma
3495	LRRN2	1	204588192	melanoma
3496	LRRN2	1	204588435	melanoma
3497	NFASC	1	204924049	melanoma
3498	NFASC	1	204943852	melanoma
3499	NFASC	1	204971823	melanoma
3500	NFASC	1	204971823	melanoma
3501	NFASC	1	204978751	melanoma
3502	CNTN2	1	205034355	melanoma
3503	CNTN2	1	205039043	melanoma
3504	TMEM81	1	205052765	lung
3505	TMEM81	1	205052765	lung
3506	TMCC2	1	205238604	melanoma
3507	NUAK2	1	205273587	melanoma
3508	KLHDC8A	1	205307703	melanoma
3509	MFSD4A	1	205555288	melanoma
3510	SLC45A3	1	205628494	melanoma
3511	SLC45A3	1	205628564	melanoma
3512	SLC45A3	1	205631071	melanoma
3513	RAB29	1	205740772	Astr
3514	RAB29	1	205740772	IDHwt
3515	RAB29	1	205740772	LGG GBM
3516	RAB29	1	205740772	Neural
3517	RAB29	1	205740772	PA_like
3518	SLC41A1	1	205767177	melanoma
3519	SLC41A1	1	205767177	melanoma
3520	SLC41A1	1	205768096	melanoma
3521	PM20D1	1	205799462	melanoma
3522	SLC26A9	1	205896630	melanoma
3523	SLC26A9	1	205901134	melanoma
3524	AVPR1B	1	206224826	Gbm
3525	AVPR1B	1	206224826	IDHwt
3526	AVPR1B	1	206224826	IDHwt_priGBM
3527	AVPR1B	1	206224826	LGG GBM
3528	AVPR1B	1	206224826	Mesenchymal_like
3529	AVPR1B	1	206224826	Neural
3530	AVPR1B	1	206224856	melanoma
3531	AVPR1B	1	206231054	melanoma
3532	AVPR1B	1	206231054	melanoma
3533	IKBKE	1	206650025	melanoma
3534	IKBKE	1	206650025	melanoma
3535	IKBKE	1	206650025	melanoma
3536	IKBKE	1	206651130	melanoma
3537	IKBKE	1	206651611	lung

3538	RASSF5	1	206757785	melanoma
3539	EIF2D	1	206784648	melanoma
3540	DYRK3	1	206821877	melanoma
3541	DYRK3	1	206821877	melanoma
3542	MAPKAPK2	1	206905957	hnscc
3543	IL10	1	206943190	GCIMP_high
3544	IL10	1	206943190	IDHmut
3545	IL10	1	206943190	IDHmut_noncodel
3546	IL10	1	206943190	LGG GBM
3547	IL20	1	207039922	Classic_like
3548	IL20	1	207039922	Gbm
3549	IL20	1	207039922	IDHwt
3550	IL20	1	207039922	IDHwt_priGBM
3551	IL20	1	207039922	LGG GBM
3552	IL20	1	207039922	Mesenchymal
3553	C1orf116	1	207195575	Classic
3554	C1orf116	1	207195575	Classic_like
3555	C1orf116	1	207195575	Gbm
3556	C1orf116	1	207195575	IDHwt
3557	C1orf116	1	207195575	IDHwt_priGBM
3558	C1orf116	1	207195575	LGG GBM
3559	YOD1	1	207222955	lung
3560	C4BPA	1	207287489	Astr
3561	C4BPA	1	207287489	GCIMP_high
3562	C4BPA	1	207287489	IDHmut
3563	C4BPA	1	207287489	IDHmut_noncodel
3564	C4BPA	1	207287489	LGG GBM
3565	C4BPA	1	207287489	Proneural
3566	CR2	1	207639988	melanoma
3567	CR2	1	207647657	melanoma
3568	CR2	1	207649629	melanoma
3569	CR1	1	207785025	melanoma
3570	CR1	1	207785025	melanoma
3571	CR1L	1	207890877	melanoma
3572	CR1L	1	207890949	melanoma
3573	CR1L	1	207890949	melanoma
3574	CD46	1	207930500	melanoma
3575	PLXNA2	1	208212971	lung
3576	PLXNA2	1	208216500	melanoma
3577	PLXNA2	1	208216500	melanoma
3578	CAMK1G	1	209768405	melanoma
3579	CAMK1G	1	209768405	melanoma
3580	CAMK1G	1	209778933	melanoma
3581	LAMB3	1	209796364	melanoma
3582	LAMB3	1	209796520	melanoma
3583	LAMB3	1	209799149	melanoma
3584	LAMB3	1	209803992	melanoma
3585	LAMB3	1	209803992	melanoma
3586	LAMB3	1	209806046	melanoma
3587	LAMB3	1	209807892	melanoma
3588	LAMB3	1	209807892	melanoma
3589	LAMB3	1	209807892	melanoma
3590	HSD11B1	1	209879239	melanoma
3591	HSD11B1	1	209905889	melanoma
3592	HSD11B1	1	209905906	melanoma
3593	TRAF3IP3	1	209950712	melanoma
3594	SYT14	1	210267700	Gbm
3595	SYT14	1	210267700	IDHwt

3596	SYT14	1	210267700	IDHwt_priGBM
3597	SYT14	1	210267700	LGG GBM
3598	SYT14	1	210267700	Mesenchymal
3599	SYT14	1	210273673	bladder
3600	HHAT	1	210522381	melanoma
3601	HHAT	1	210522381	melanoma
3602	HHAT	1	210522381	melanoma
3603	HHAT	1	210522381	melanoma
3604	HHAT	1	210577938	melanoma
3605	HHAT	1	210577938	melanoma
3606	HHAT	1	210577938	melanoma
3607	HHAT	1	210591562	melanoma
3608	HHAT	1	210796934	melanoma
3609	KCNH1	1	210856851	melanoma
3610	KCNH1	1	210856851	melanoma
3611	KCNH1	1	210856982	melanoma
3612	KCNH1	1	210857395	lung
3613	KCNH1	1	210948782	IDHwt_priGBM2
3614	KCNH1	1	210977359	melanoma
3615	KCNH1	1	211192295	melanoma
3616	KCNH1	1	211192540	melanoma
3617	NEK2	1	211836953	melanoma
3618	NEK2	1	211846959	lung
3619	NEK2	1	211846959	lung
3620	NEK2	1	211846959	lung
3621	NEK2	1	211846959	lung
3622	DTL	1	212251573	melanoma
3623	PPP2R5A	1	212519261	melanoma
3624	PPP2R5A	1	212529977	melanoma
3625	NENF	1	212619277	melanoma
3626	ATF3	1	212788554	melanoma
3627	ATF3	1	212788554	melanoma
3628	FAM71A	1	212798795	melanoma
3629	FAM71A	1	212799340	melanoma
3630	FAM71A	1	212799394	lung
3631	NSL1	1	212955756	melanoma
3632	NSL1	1	212955756	melanoma
3633	FLVCR1	1	213046095	melanoma
3634	VASH2	1	213146182	melanoma
3635	VASH2	1	213146296	lung
3636	ANGEL2	1	213170529	melanoma
3637	ANGEL2	1	213170529	melanoma
3638	ANGEL2	1	213178434	melanoma
3639	RPS6KC1	1	213436082	lung
3640	PROX1	1	214171319	lung
3641	PROX1	1	214178537	bladder
3642	PROX1	1	214209073	melanoma
3643	SMYD2	1	214504392	melanoma
3644	SMYD2	1	214504392	melanoma
3645	PTPN14	1	214556706	hnsc
3646	CENPF	1	214818953	melanoma
3647	CENPF	1	214819979	Classic
3648	CENPF	1	214819979	Gbm
3649	CENPF	1	214819979	IDHwt
3650	CENPF	1	214819979	IDHwt_priGBM
3651	CENPF	1	214819979	LGG GBM
3652	CENPF	1	214819979	Mesenchymal_like
3653	CENPF	1	214836998	melanoma

3654	KCNK2	1	215408420	Codel
3655	KCNK2	1	215408420	IDHmut
3656	KCNK2	1	215408420	IDHmut_codel
3657	KCNK2	1	215408420	LGG GBM
3658	KCNK2	1	215408420	Oligo
3659	KCNK2	1	215408420	Proneural
3660	KCTD3	1	215751403	melanoma
3661	KCTD3	1	215751403	melanoma
3662	USH2A	1	215812524	melanoma
3663	USH2A	1	215822102	lung
3664	USH2A	1	215844631	melanoma
3665	USH2A	1	215848060	melanoma
3666	USH2A	1	215848060	melanoma
3667	USH2A	1	215848060	melanoma
3668	USH2A	1	215848060	melanoma
3669	USH2A	1	215848243	Classic_like
3670	USH2A	1	215848243	Classic_like
3671	USH2A	1	215848243	IDHwt
3672	USH2A	1	215848243	IDHwt
3673	USH2A	1	215848243	LGG GBM
3674	USH2A	1	215848243	LGG GBM
3675	USH2A	1	215848406	lung
3676	USH2A	1	215848406	lung
3677	USH2A	1	215848559	GCIMP_high
3678	USH2A	1	215848559	IDHmut
3679	USH2A	1	215848559	IDHmut_noncodel
3680	USH2A	1	215848559	LGG GBM
3681	USH2A	1	215848559	OligoAstr
3682	USH2A	1	215933077	Classic
3683	USH2A	1	215933077	Classic
3684	USH2A	1	215933077	Classic
3685	USH2A	1	215933077	Classic_like
3686	USH2A	1	215933077	Classic_like
3687	USH2A	1	215933077	Classic_like
3688	USH2A	1	215933077	Gbm
3689	USH2A	1	215933077	Gbm
3690	USH2A	1	215933077	Gbm
3691	USH2A	1	215933077	IDHwt
3692	USH2A	1	215933077	IDHwt
3693	USH2A	1	215933077	IDHwt
3694	USH2A	1	215933077	IDHwt_priGBM
3695	USH2A	1	215933077	IDHwt_priGBM
3696	USH2A	1	215933077	IDHwt_priGBM
3697	USH2A	1	215933077	LGG GBM
3698	USH2A	1	215933077	LGG GBM
3699	USH2A	1	215933077	LGG GBM
3700	USH2A	1	215933078	lung
3701	USH2A	1	215955467	melanoma
3702	USH2A	1	215955515	melanoma
3703	USH2A	1	215963451	melanoma
3704	USH2A	1	215990472	Codel
3705	USH2A	1	215990472	IDHmut
3706	USH2A	1	215990472	IDHmut_codel
3707	USH2A	1	215990472	LGG GBM
3708	USH2A	1	215990472	OligoAstr
3709	USH2A	1	215990472	Proneural
3710	USH2A	1	216061965	melanoma
3711	USH2A	1	216061965	melanoma

3712	USH2A	1	216143995	Gbm
3713	USH2A	1	216143995	IDHwt
3714	USH2A	1	216143995	IDHwt_priGBM
3715	USH2A	1	216143995	LGG GBM
3716	USH2A	1	216143995	Mesenchymal
3717	USH2A	1	216172279	melanoma
3718	USH2A	1	216173750	lung
3719	USH2A	1	216251698	lung
3720	USH2A	1	216256823	Classic
3721	USH2A	1	216256823	Classic_like
3722	USH2A	1	216256823	Gbm
3723	USH2A	1	216256823	IDHwt
3724	USH2A	1	216256823	IDHwt_priGBM
3725	USH2A	1	216256823	LGG GBM
3726	USH2A	1	216270454	melanoma
3727	USH2A	1	216370031	melanoma
3728	USH2A	1	216370032	melanoma
3729	USH2A	1	216373037	melanoma
3730	USH2A	1	216420140	melanoma
3731	USH2A	1	216420140	melanoma
3732	USH2A	1	216420554	melanoma
3733	USH2A	1	216465615	melanoma
3734	USH2A	1	216595290	melanoma
3735	SLC30A10	1	220089002	melanoma
3736	SLC30A10	1	220089002	melanoma
3737	EPRS	1	220197786	lung
3738	BPNT1	1	220247352	bladder
3739	BPNT1	1	220247352	bladder
3740	IARS2	1	220267764	melanoma
3741	IARS2	1	220298644	melanoma
3742	RAB3GAP2	1	220327323	melanoma
3743	RAB3GAP2	1	220327323	melanoma
3744	RAB3GAP2	1	220335581	Gbm
3745	RAB3GAP2	1	220335581	IDHwt
3746	RAB3GAP2	1	220335581	IDHwt_priGBM
3747	RAB3GAP2	1	220335581	LGG GBM
3748	RAB3GAP2	1	220335581	LGm6_GBM
3749	RAB3GAP2	1	220335581	Mesenchymal
3750	2-Mar	1	220928398	melanoma
3751	DUSP10	1	221912495	bladder
3752	DUSP10	1	221912495	bladder
3753	DUSP10	1	221912495	bladder
3754	HHIPL2	1	222716895	bladder
3755	HHIPL2	1	222717161	lung
3756	TAF1A	1	222743930	melanoma
3757	TAF1A	1	222753118	melanoma
3758	MIA3	1	222825386	melanoma
3759	BROX	1	222900549	melanoma
3760	FAM177B	1	222923324	melanoma
3761	DISP1	1	223176406	melanoma
3762	DISP1	1	223176406	melanoma
3763	DISP1	1	223178335	lung
3764	TLR5	1	223285038	Gbm
3765	TLR5	1	223285038	IDHwt
3766	TLR5	1	223285038	IDHwt_priGBM
3767	TLR5	1	223285038	LGG GBM
3768	TLR5	1	223285038	Mesenchymal_like
3769	TLR5	1	223285862	melanoma

3770	TLR5	1	223286369	lung
3771	SUSD4	1	223465892	melanoma
3772	CCDC185	1	223568638	melanoma
3773	CAPN2	1	223940530	melanoma
3774	CAPN2	1	223940530	melanoma
3775	TP53BP2	1	223971971	melanoma
3776	TP53BP2	1	223981094	melanoma
3777	FBXO28	1	224345411	melanoma
3778	NVL	1	224482087	melanoma
3779	DNAH14	1	225328438	lung
3780	DNAH14	1	225328438	lung
3781	DNAH14	1	225521107	melanoma
3782	DNAH14	1	225533703	bladder
3783	DNAH14	1	225555533	bladder
3784	LBR	1	225591033	melanoma
3785	LBR	1	225591033	melanoma
3786	LBR	1	225600185	melanoma
3787	EPHX1	1	226026448	melanoma
3788	LEFTY1	1	226074594	melanoma
3789	LEFTY1	1	226074594	melanoma
3790	LEFTY2	1	226127130	melanoma
3791	LEFTY2	1	226127543	melanoma
3792	SDE2	1	226180110	melanoma
3793	LIN9	1	226465509	melanoma
3794	PARP1	1	226573227	lung
3795	STUM	1	226736801	melanoma
3796	ITPKB	1	226825428	lung
3797	ITPKB	1	226924945	melanoma
3798	PSEN2	1	227077766	melanoma
3799	COQ8A	1	227152813	melanoma
3800	CDC42BPA	1	227210980	bladder
3801	CDC42BPA	1	227213766	melanoma
3802	CDC42BPA	1	227219196	melanoma
3803	CDC42BPA	1	227219196	melanoma
3804	ZNF678	1	227843257	lung
3805	JMJD4	1	227920143	bladder
3806	JMJD4	1	227921686	melanoma
3807	JMJD4	1	227921686	melanoma
3808	JMJD4	1	227921686	melanoma
3809	PRSS38	1	228033709	melanoma
3810	WNT9A	1	228112065	Classic
3811	WNT9A	1	228112065	Classic_like
3812	WNT9A	1	228112065	Gbm
3813	WNT9A	1	228112065	IDHwt
3814	WNT9A	1	228112065	IDHwt_priGBM
3815	WNT9A	1	228112065	LGG GBM
3816	WNT3A	1	228238608	melanoma
3817	WNT3A	1	228238608	melanoma
3818	OBSCN	1	228431145	Gbm
3819	OBSCN	1	228431145	IDHwt
3820	OBSCN	1	228431145	IDHwt_priGBM
3821	OBSCN	1	228431145	LGG GBM
3822	OBSCN	1	228431145	Mesenchymal
3823	OBSCN	1	228431145	Mesenchymal_like
3824	OBSCN	1	228444387	IDHwt_priGBM2
3825	OBSCN	1	228447363	melanoma
3826	OBSCN	1	228456474	IDHwt_priGBM2
3827	OBSCN	1	228461596	Astr

3828	OBSCN	1	228461596	Astr
3829	OBSCN	1	228461596	IDHwt
3830	OBSCN	1	228461596	IDHwt
3831	OBSCN	1	228461596	LGG GBM
3832	OBSCN	1	228461596	LGG GBM
3833	OBSCN	1	228461596	Mesenchymal
3834	OBSCN	1	228461596	Mesenchymal
3835	OBSCN	1	228461596	Mesenchymal_like
3836	OBSCN	1	228461596	Mesenchymal_like
3837	OBSCN	1	228471282	Astr
3838	OBSCN	1	228471282	IDHwt
3839	OBSCN	1	228471282	LGG GBM
3840	OBSCN	1	228471282	Neural
3841	OBSCN	1	228471282	PA_like
3842	OBSCN	1	228473944	melanoma
3843	OBSCN	1	228476559	melanoma
3844	OBSCN	1	228480244	melanoma
3845	OBSCN	1	228480406	melanoma
3846	OBSCN	1	228494689	Gbm
3847	OBSCN	1	228494689	IDHwt
3848	OBSCN	1	228494689	IDHwt_priGBM
3849	OBSCN	1	228494689	LGG GBM
3850	OBSCN	1	228494689	Neural
3851	OBSCN	1	228505177	melanoma
3852	OBSCN	1	228505371	melanoma
3853	OBSCN	1	228505371	melanoma
3854	OBSCN	1	228509723	melanoma
3855	OBSCN	1	228547420	melanoma
3856	OBSCN	1	228547947	melanoma
3857	OBSCN	1	228548275	melanoma
3858	OBSCN	1	228562345	melanoma
3859	TRIM11	1	228582635	Classic_like
3860	TRIM11	1	228582635	Gbm
3861	TRIM11	1	228582635	IDHwt
3862	TRIM11	1	228582635	IDHwt_priGBM
3863	TRIM11	1	228582635	LGG GBM
3864	TRIM11	1	228584710	melanoma
3865	TRIM11	1	228584710	melanoma
3866	TRIM17	1	228596210	lung
3867	TRIM17	1	228596323	lung
3868	HIST3H3	1	228612870	Gbm
3869	HIST3H3	1	228612870	IDHwt
3870	HIST3H3	1	228612870	IDHwt_priGBM
3871	HIST3H3	1	228612870	LGG GBM
3872	HIST3H3	1	228612870	Mesenchymal
3873	RAB4A	1	229438650	IDHwt_priGBM2
3874	RAB4A	1	229438650	IDHwt_priGBM2
3875	RAB4A	1	229438650	IDHwt_priGBM2
3876	NUP133	1	229577710	melanoma
3877	NUP133	1	229588298	melanoma
3878	NUP133	1	229643953	melanoma
3879	ABC10	1	229666039	melanoma
3880	TAF5L	1	229738544	melanoma
3881	URB2	1	229771087	melanoma
3882	URB2	1	229772720	melanoma
3883	URB2	1	229773161	melanoma
3884	URB2	1	229773317	melanoma
3885	URB2	1	229773334	melanoma

3886	URB2	1	229779381	melanoma
3887	URB2	1	229779381	melanoma
3888	URB2	1	229781693	melanoma
3889	URB2	1	229781693	melanoma
3890	URB2	1	229783419	melanoma
3891	URB2	1	229794883	melanoma
3892	GALNT2	1	230314051	melanoma
3893	GALNT2	1	230385007	melanoma
3894	PGBD5	1	230492765	melanoma
3895	COG2	1	230805211	melanoma
3896	CAPN9	1	230903316	melanoma
3897	CAPN9	1	230916358	melanoma
3898	TRIM67	1	231349643	lung
3899	GNPAT	1	231411933	melanoma
3900	DISC1	1	231935954	lung
3901	DISC1	1	232144609	melanoma
3902	SIPA1L2	1	232561530	melanoma
3903	SIPA1L2	1	232561530	melanoma
3904	SIPA1L2	1	232561550	melanoma
3905	SIPA1L2	1	232561550	melanoma
3906	SIPA1L2	1	232561550	melanoma
3907	SIPA1L2	1	232574923	Gbm
3908	SIPA1L2	1	232574923	Gbm
3909	SIPA1L2	1	232574923	IDHwt
3910	SIPA1L2	1	232574923	IDHwt
3911	SIPA1L2	1	232574923	IDHwt_priGBM
3912	SIPA1L2	1	232574923	IDHwt_priGBM
3913	SIPA1L2	1	232574923	LGG GBM
3914	SIPA1L2	1	232574923	LGG GBM
3915	SIPA1L2	1	232574923	LGM6_GBM
3916	SIPA1L2	1	232574923	LGM6_GBM
3917	SIPA1L2	1	232574923	Proneural
3918	SIPA1L2	1	232574923	Proneural
3919	SIPA1L2	1	232600861	melanoma
3920	SIPA1L2	1	232619633	Classic_like
3921	SIPA1L2	1	232619633	Gbm
3922	SIPA1L2	1	232619633	IDHwt
3923	SIPA1L2	1	232619633	IDHwt_priGBM
3924	SIPA1L2	1	232619633	LGG GBM
3925	SIPA1L2	1	232649977	melanoma
3926	MAP10	1	232941650	bladder
3927	MAP10	1	232943579	melanoma
3928	NTPCR	1	233086484	melanoma
3929	NTPCR	1	233091351	melanoma
3930	NTPCR	1	233105748	melanoma
3931	PCNX2	1	233136251	melanoma
3932	PCNX2	1	233231536	melanoma
3933	PCNX2	1	233344318	melanoma
3934	PCNX2	1	233363056	hnsc
3935	PCNX2	1	233372593	melanoma
3936	PCNX2	1	233388201	melanoma
3937	PCNX2	1	233393884	melanoma
3938	PCNX2	1	233393884	melanoma
3939	PCNX2	1	233394154	melanoma
3940	MAP3K21	1	233482338	melanoma
3941	MAP3K21	1	233482338	melanoma
3942	MAP3K21	1	233482338	melanoma
3943	MAP3K21	1	233482338	melanoma

3944	MAP3K21	1	233482338	melanoma
3945	MAP3K21	1	233489599	lung
3946	KCNK1	1	233802581	melanoma
3947	KCNK1	1	233807058	melanoma
3948	KCNK1	1	233807058	melanoma
3949	SLC35F3	1	234452426	melanoma
3950	SLC35F3	1	234454513	melanoma
3951	SLC35F3	1	234454533	melanoma
3952	SLC35F3	1	234454596	melanoma
3953	SLC35F3	1	234455909	Classic
3954	SLC35F3	1	234455909	Classic_like
3955	SLC35F3	1	234455909	Gbm
3956	SLC35F3	1	234455909	IDHwt
3957	SLC35F3	1	234455909	IDHwt_priGBM
3958	SLC35F3	1	234455909	LGG GBM
3959	COA6	1	234509522	melanoma
3960	COA6	1	234509522	melanoma
3961	COA6	1	234509522	melanoma
3962	TARBP1	1	234528229	melanoma
3963	TARBP1	1	234546220	Astr
3964	TARBP1	1	234546220	Astr
3965	TARBP1	1	234546220	Astr
3966	TARBP1	1	234546220	GCIMP_high
3967	TARBP1	1	234546220	GCIMP_high
3968	TARBP1	1	234546220	GCIMP_high
3969	TARBP1	1	234546220	IDHmut
3970	TARBP1	1	234546220	IDHmut
3971	TARBP1	1	234546220	IDHmut
3972	TARBP1	1	234546220	IDHmut_noncodel
3973	TARBP1	1	234546220	IDHmut_noncodel
3974	TARBP1	1	234546220	IDHmut_noncodel
3975	TARBP1	1	234546220	LGG GBM
3976	TARBP1	1	234546220	LGG GBM
3977	TARBP1	1	234546220	LGG GBM
3978	TARBP1	1	234546220	Proneural
3979	TARBP1	1	234546220	Proneural
3980	TARBP1	1	234546220	Proneural
3981	TARBP1	1	234565343	melanoma
3982	TARBP1	1	234593444	melanoma
3983	TARBP1	1	234614023	bladder
3984	IRF2BP2	1	234743380	melanoma
3985	IRF2BP2	1	234743424	melanoma
3986	ARID4B	1	235345247	melanoma
3987	TBCE	1	235606201	lung
3988	B3GALNT2	1	235647798	melanoma
3989	LYST	1	235866204	melanoma
3990	LYST	1	235866204	melanoma
3991	LYST	1	235929442	melanoma
3992	LYST	1	235955118	melanoma
3993	LYST	1	235967841	melanoma
3994	LYST	1	235967902	melanoma
3995	LYST	1	235972068	melanoma
3996	LYST	1	235973385	melanoma
3997	LYST	1	235973649	melanoma
3998	NID1	1	236180466	bladder
3999	NID1	1	236195790	melanoma
4000	EDARADD	1	236577563	lung
4001	EDARADD	1	236577563	lung

4002	EDARADD	1	236577563	lung
4003	EDARADD	1	236577563	lung
4004	HEATR1	1	236714211	melanoma
4005	HEATR1	1	236766548	melanoma
4006	ACTN2	1	236883488	melanoma
4007	MTR	1	236969462	melanoma
4008	MTR	1	237015831	melanoma
4009	RYR2	1	237580366	lung
4010	RYR2	1	237580366	lung
4011	RYR2	1	237608813	melanoma
4012	RYR2	1	237632437	Classic_like
4013	RYR2	1	237632437	Classic_like
4014	RYR2	1	237632437	Gbm
4015	RYR2	1	237632437	Gbm
4016	RYR2	1	237632437	IDHwt
4017	RYR2	1	237632437	IDHwt
4018	RYR2	1	237632437	IDHwt_priGBM
4019	RYR2	1	237632437	IDHwt_priGBM
4020	RYR2	1	237632437	LGG GBM
4021	RYR2	1	237632437	LGG GBM
4022	RYR2	1	237659822	lung
4023	RYR2	1	237666675	melanoma
4024	RYR2	1	237666788	melanoma
4025	RYR2	1	237666788	melanoma
4026	RYR2	1	237666788	melanoma
4027	RYR2	1	237666788	melanoma
4028	RYR2	1	237730050	GCIMP_high
4029	RYR2	1	237730050	IDHmut
4030	RYR2	1	237730050	IDHmut_noncodel
4031	RYR2	1	237730050	LGG GBM
4032	RYR2	1	237730050	OligoAstr
4033	RYR2	1	237730050	Proneural
4034	RYR2	1	237753198	GCIMP_high
4035	RYR2	1	237753198	IDHmut
4036	RYR2	1	237753198	IDHmut_noncodel
4037	RYR2	1	237753198	LGG GBM
4038	RYR2	1	237753198	OligoAstr
4039	RYR2	1	237756830	melanoma
4040	RYR2	1	237756830	melanoma
4041	RYR2	1	237774264	lung
4042	RYR2	1	237777388	melanoma
4043	RYR2	1	237777626	Classic
4044	RYR2	1	237777626	Classic
4045	RYR2	1	237777626	Classic
4046	RYR2	1	237777626	Gbm
4047	RYR2	1	237777626	Gbm
4048	RYR2	1	237777626	Gbm
4049	RYR2	1	237777626	IDHwt
4050	RYR2	1	237777626	IDHwt
4051	RYR2	1	237777626	IDHwt
4052	RYR2	1	237777626	IDHwt_priGBM
4053	RYR2	1	237777626	IDHwt_priGBM
4054	RYR2	1	237777626	IDHwt_priGBM
4055	RYR2	1	237777626	LGG GBM
4056	RYR2	1	237777626	LGG GBM
4057	RYR2	1	237777626	LGG GBM
4058	RYR2	1	237780709	Classic
4059	RYR2	1	237780709	Classic_like

4060	RYR2	1	237780709	Gbm
4061	RYR2	1	237780709	IDHwt
4062	RYR2	1	237780709	IDHwt_priGBM
4063	RYR2	1	237780709	LGG GBM
4064	RYR2	1	237789020	Classic_like
4065	RYR2	1	237789020	Gbm
4066	RYR2	1	237789020	IDHwt
4067	RYR2	1	237789020	IDHwt_priGBM
4068	RYR2	1	237789020	LGG GBM
4069	RYR2	1	237789020	Proneural
4070	RYR2	1	237801694	lung
4071	RYR2	1	237802413	Classic_like
4072	RYR2	1	237802413	Gbm
4073	RYR2	1	237802413	IDHwt
4074	RYR2	1	237802413	IDHwt_priGBM
4075	RYR2	1	237802413	LGG GBM
4076	RYR2	1	237802413	Mesenchymal
4077	RYR2	1	237872820	GCIMP_high
4078	RYR2	1	237872820	GCIMP_high
4079	RYR2	1	237872820	IDHmut
4080	RYR2	1	237872820	IDHmut
4081	RYR2	1	237872820	IDHmut_noncodel
4082	RYR2	1	237872820	IDHmut_noncodel
4083	RYR2	1	237872820	LGG GBM
4084	RYR2	1	237872820	LGG GBM
4085	RYR2	1	237872820	Neural
4086	RYR2	1	237872820	Neural
4087	RYR2	1	237872820	Oligo
4088	RYR2	1	237872820	Oligo
4089	RYR2	1	237890471	Gbm
4090	RYR2	1	237890471	IDHwt
4091	RYR2	1	237890471	IDHwt_priGBM
4092	RYR2	1	237890471	LGG GBM
4093	RYR2	1	237890471	Mesenchymal
4094	RYR2	1	237923085	bladder
4095	RYR2	1	237947353	melanoma
4096	RYR2	1	237947399	lung
4097	RYR2	1	237947854	Astr
4098	RYR2	1	237947854	Astr
4099	RYR2	1	237947854	Astr
4100	RYR2	1	237947854	Astr
4101	RYR2	1	237947854	IDHwt
4102	RYR2	1	237947854	IDHwt
4103	RYR2	1	237947854	IDHwt
4104	RYR2	1	237947854	IDHwt
4105	RYR2	1	237947854	LGG GBM
4106	RYR2	1	237947854	LGG GBM
4107	RYR2	1	237947854	LGG GBM
4108	RYR2	1	237947854	LGG GBM
4109	RYR2	1	237947854	Mesenchymal
4110	RYR2	1	237947854	Mesenchymal
4111	RYR2	1	237947854	Mesenchymal
4112	RYR2	1	237947854	Mesenchymal
4113	RYR2	1	237947854	Mesenchymal_like
4114	RYR2	1	237947854	Mesenchymal_like
4115	RYR2	1	237947854	Mesenchymal_like
4116	RYR2	1	237947854	Mesenchymal_like
4117	RYR2	1	237969531	melanoma

4118	ZP4	1	238048480	lung
4119	ZP4	1	238048832	melanoma
4120	ZP4	1	238050159	lung
4121	ZP4	1	238050741	bladder
4122	ZP4	1	238050741	bladder
4123	ZP4	1	238053173	melanoma
4124	ZP4	1	238053235	lung
4125	ZP4	1	238053242	melanoma
4126	CHRM3	1	240071390	lung
4127	CHRM3	1	240071631	melanoma
4128	CHRM3	1	240071631	melanoma
4129	CHRM3	1	240071631	melanoma
4130	CHRM3	1	240072508	melanoma
4131	FMN2	1	240370762	melanoma
4132	FMN2	1	240371243	melanoma
4133	FMN2	1	240371908	melanoma
4134	FMN2	1	240497208	melanoma
4135	FMN2	1	240497208	melanoma
4136	FMN2	1	240601470	melanoma
4137	RGS7	1	240964775	melanoma
4138	RGS7	1	240975258	melanoma
4139	RGS7	1	240976949	melanoma
4140	FH	1	241663743	lung
4141	FH	1	241671907	melanoma
4142	FH	1	241672031	melanoma
4143	CHML	1	241797936	melanoma
4144	CHML	1	241797936	melanoma
4145	WDR64	1	241907806	melanoma
4146	WDR64	1	241946599	Gbm
4147	WDR64	1	241946599	Gbm
4148	WDR64	1	241946599	IDHwt
4149	WDR64	1	241946599	IDHwt
4150	WDR64	1	241946599	IDHwt_priGBM
4151	WDR64	1	241946599	IDHwt_priGBM
4152	WDR64	1	241946599	LGG GBM
4153	WDR64	1	241946599	LGG GBM
4154	WDR64	1	241946599	LGm6_GBM
4155	WDR64	1	241946599	LGm6_GBM
4156	WDR64	1	241946599	Mesenchymal
4157	WDR64	1	241946599	Mesenchymal
4158	EXO1	1	242016683	lung
4159	EXO1	1	242016683	lung
4160	EXO1	1	242023837	melanoma
4161	EXO1	1	242023837	melanoma
4162	EXO1	1	242023837	melanoma
4163	EXO1	1	242023952	melanoma
4164	EXO1	1	242042413	melanoma
4165	PLD5	1	242287930	lung
4166	PLD5	1	242287930	lung
4167	PLD5	1	242287930	lung
4168	CEP170	1	243329094	melanoma
4169	SDCCAG8	1	243652416	lung
4170	ZBTB18	1	244218173	melanoma
4171	CATSPERE	1	244715632	lung
4172	CATSPERE	1	244724066	melanoma
4173	CATSPERE	1	244724328	melanoma
4174	CATSPERE	1	244735931	melanoma
4175	CATSPERE	1	244735931	melanoma

4176	DESI2	1	244852578	melanoma
4177	DESI2	1	244852578	melanoma
4178	DESI2	1	244852578	melanoma
4179	DESI2	1	244868922	melanoma
4180	DESI2	1	244868922	melanoma
4181	KIF26B	1	245319773	lung
4182	KIF26B	1	245704187	melanoma
4183	KIF26B	1	245772624	melanoma
4184	KIF26B	1	245772624	melanoma
4185	KIF26B	1	245775117	melanoma
4186	KIF26B	1	245849683	melanoma
4187	KIF26B	1	245849683	melanoma
4188	KIF26B	1	245851060	melanoma
4189	TFB2M	1	246719883	melanoma
4190	ZNF695	1	247150458	lung
4191	ZNF670	1	247201406	melanoma
4192	ZNF496	1	247464120	Gbm
4193	ZNF496	1	247464120	IDHwt
4194	ZNF496	1	247464120	IDHwt_priGBM
4195	ZNF496	1	247464120	LGG GBM
4196	ZNF496	1	247464120	Mesenchymal
4197	ZNF496	1	247464120	Mesenchymal_like
4198	ZNF496	1	247464512	melanoma
4199	ZNF496	1	247464516	melanoma
4200	ZNF496	1	247473746	melanoma
4201	ZNF496	1	247492795	lung
4202	NLRP3	1	247587341	melanoma
4203	NLRP3	1	247587535	Classic
4204	NLRP3	1	247587535	Gbm
4205	NLRP3	1	247587535	IDHwt
4206	NLRP3	1	247587535	IDHwt_priGBM
4207	NLRP3	1	247587535	LGG GBM
4208	NLRP3	1	247587695	IDHwt
4209	NLRP3	1	247587695	LGG GBM
4210	NLRP3	1	247587695	Mesenchymal_like
4211	NLRP3	1	247587695	Neural
4212	NLRP3	1	247587695	OligoAstr
4213	NLRP3	1	247588745	melanoma
4214	NLRP3	1	247588745	melanoma
4215	NLRP3	1	247588768	melanoma
4216	NLRP3	1	247588877	melanoma
4217	NLRP3	1	247588877	melanoma
4218	NLRP3	1	247592963	melanoma
4219	OR2B11	1	247614413	melanoma
4220	OR2B11	1	247614608	bladder
4221	OR2B11	1	247614912	melanoma
4222	OR2C3	1	247694885	melanoma
4223	OR2C3	1	247695072	Codel
4224	OR2C3	1	247695072	IDHmut
4225	OR2C3	1	247695072	IDHmut_codel
4226	OR2C3	1	247695072	LGG GBM
4227	OR2C3	1	247695072	OligoAstr
4228	OR2C3	1	247695072	Proneural
4229	OR2C3	1	247695114	melanoma
4230	OR2C3	1	247695273	melanoma
4231	GCSAML	1	247737518	melanoma
4232	GCSAML	1	247737518	melanoma
4233	OR2G2	1	247751812	lung

4234	OR2G2	1	247751929	melanoma
4235	OR2G2	1	247751953	melanoma
4236	OR2G2	1	247752056	melanoma
4237	OR2G2	1	247752056	melanoma
4238	OR2G2	1	247752085	melanoma
4239	OR2G2	1	247752085	melanoma
4240	OR2G2	1	247752085	melanoma
4241	OR2G2	1	247752085	melanoma
4242	OR2G2	1	247752305	melanoma
4243	OR2G2	1	247752305	melanoma
4244	OR2G2	1	247752350	Astr
4245	OR2G2	1	247752350	GCIMP_high
4246	OR2G2	1	247752350	IDHmut
4247	OR2G2	1	247752350	IDHmut_noncodel
4248	OR2G2	1	247752350	LGG GBM
4249	OR2G3	1	247768921	IDHwt_priGBM2
4250	OR2G3	1	247769053	melanoma
4251	OR2G3	1	247769053	melanoma
4252	OR2G3	1	247769440	melanoma
4253	OR13G1	1	247835467	melanoma
4254	OR13G1	1	247836197	lung
4255	OR6F1	1	247875469	lung
4256	OR6F1	1	247875469	lung
4257	OR6F1	1	247875475	lung
4258	OR6F1	1	247875888	melanoma
4259	OR1C1	1	247921182	lung
4260	OR1C1	1	247921335	melanoma
4261	OR1C1	1	247921335	melanoma
4262	OR1C1	1	247921335	Codel
4263	OR1C1	1	247921335	IDHmut
4264	OR1C1	1	247921335	IDHmut_codel
4265	OR1C1	1	247921335	LGG GBM
4266	OR1C1	1	247921335	Oligo
4267	OR1C1	1	247921335	Proneural
4268	OR1C1	1	247921543	melanoma
4269	OR14A16	1	247978277	melanoma
4270	OR14A16	1	247978277	melanoma
4271	OR14A16	1	247978530	melanoma
4272	OR14A16	1	247978530	melanoma
4273	OR14A16	1	247978653	Astr
4274	OR14A16	1	247978653	Astr
4275	OR14A16	1	247978653	GCIMP_high
4276	OR14A16	1	247978653	GCIMP_high
4277	OR14A16	1	247978653	IDHmut
4278	OR14A16	1	247978653	IDHmut
4279	OR14A16	1	247978653	IDHmut_noncodel
4280	OR14A16	1	247978653	IDHmut_noncodel
4281	OR14A16	1	247978653	LGG GBM
4282	OR14A16	1	247978653	LGG GBM
4283	OR14A16	1	247978682	Gbm
4284	OR14A16	1	247978682	IDHwt
4285	OR14A16	1	247978682	IDHwt_priGBM
4286	OR14A16	1	247978682	LGG GBM
4287	OR14A16	1	247978682	Mesenchymal_like
4288	OR14A16	1	247978742	melanoma
4289	OR11L1	1	248004306	melanoma
4290	OR11L1	1	248004306	melanoma
4291	OR11L1	1	248004441	IDHwt

4292	OR11L1	1	248004441	IDHwt
4293	OR11L1	1	248004441	LGG GBM
4294	OR11L1	1	248004441	LGG GBM
4295	OR11L1	1	248004441	Mesenchymal_like
4296	OR11L1	1	248004441	Mesenchymal_like
4297	OR11L1	1	248004441	Oligo
4298	OR11L1	1	248004441	Oligo
4299	OR11L1	1	248004723	melanoma
4300	OR11L1	1	248004988	lung
4301	OR11L1	1	248005152	melanoma
4302	TRIM58	1	248031333	lung
4303	TRIM58	1	248039229	Classic_like
4304	TRIM58	1	248039229	Gbm
4305	TRIM58	1	248039229	IDHwt
4306	TRIM58	1	248039229	IDHwt_priGBM
4307	TRIM58	1	248039229	LGG GBM
4308	TRIM58	1	248039235	Classic
4309	TRIM58	1	248039235	Classic
4310	TRIM58	1	248039235	Gbm
4311	TRIM58	1	248039235	Gbm
4312	TRIM58	1	248039235	IDHwt
4313	TRIM58	1	248039235	IDHwt
4314	TRIM58	1	248039235	IDHwt_priGBM
4315	TRIM58	1	248039235	IDHwt_priGBM
4316	TRIM58	1	248039235	LGG GBM
4317	TRIM58	1	248039235	LGG GBM
4318	TRIM58	1	248039235	Mesenchymal_like
4319	TRIM58	1	248039235	Mesenchymal_like
4320	TRIM58	1	248039358	melanoma
4321	TRIM58	1	248039522	GCIMP_high
4322	TRIM58	1	248039522	GCIMP_high
4323	TRIM58	1	248039522	IDHmut
4324	TRIM58	1	248039522	IDHmut
4325	TRIM58	1	248039522	IDHmut_noncodel
4326	TRIM58	1	248039522	IDHmut_noncodel
4327	TRIM58	1	248039522	LGG GBM
4328	TRIM58	1	248039522	LGG GBM
4329	TRIM58	1	248039522	Oligo
4330	TRIM58	1	248039522	Oligo
4331	TRIM58	1	248039522	Proneural
4332	TRIM58	1	248039522	Proneural
4333	TRIM58	1	248039577	lung
4334	TRIM58	1	248039612	lung
4335	TRIM58	1	248039652	lung
4336	OR2W3	1	248059058	melanoma
4337	OR2W3	1	248059088	melanoma
4338	OR2W3	1	248059088	melanoma
4339	OR2T8	1	248085070	IDHwt
4340	OR2T8	1	248085070	IDHwt
4341	OR2T8	1	248085070	IDHwt
4342	OR2T8	1	248085070	LGG GBM
4343	OR2T8	1	248085070	LGG GBM
4344	OR2T8	1	248085070	LGG GBM
4345	OR2T8	1	248085070	Mesenchymal
4346	OR2T8	1	248085070	Mesenchymal
4347	OR2T8	1	248085070	Mesenchymal
4348	OR2T8	1	248085070	Mesenchymal_like
4349	OR2T8	1	248085070	Mesenchymal_like

4350	OR2T8	1	248085070	Mesenchymal_like
4351	OR2T8	1	248085070	Oligo
4352	OR2T8	1	248085070	Oligo
4353	OR2T8	1	248085070	Oligo
4354	OR2L8	1	248112215	melanoma
4355	OR2L8	1	248112215	melanoma
4356	OR2L8	1	248112227	melanoma
4357	OR2L8	1	248112227	melanoma
4358	OR2L8	1	248112581	Astr
4359	OR2L8	1	248112581	Classic
4360	OR2L8	1	248112581	IDHwt
4361	OR2L8	1	248112581	LGG GBM
4362	OR2L8	1	248112581	Mesenchymal_like
4363	OR2L8	1	248112665	melanoma
4364	OR2L8	1	248112670	lung
4365	OR2L8	1	248112840	melanoma
4366	OR2L8	1	248113045	melanoma
4367	OR2AK2	1	248129042	melanoma
4368	OR2L2	1	248201701	lung
4369	OR2L2	1	248201732	melanoma
4370	OR2L2	1	248201912	melanoma
4371	OR2L2	1	248201912	melanoma
4372	OR2L2	1	248202282	melanoma
4373	OR2L2	1	248202369	melanoma
4374	OR2L3	1	248224230	melanoma
4375	OR2L3	1	248224866	melanoma
4376	OR2L3	1	248224866	melanoma
4377	OR2L3	1	248224888	melanoma
4378	OR2L13	1	248263167	melanoma
4379	OR2L13	1	248263174	melanoma
4380	OR2L13	1	248263324	melanoma
4381	OR2M5	1	248308546	melanoma
4382	OR2M5	1	248308546	melanoma
4383	OR2M5	1	248309108	melanoma
4384	OR2M5	1	248309206	lung
4385	OR2M2	1	248343334	melanoma
4386	OR2M2	1	248343835	melanoma
4387	OR2M2	1	248343835	melanoma
4388	OR2M2	1	248344003	melanoma
4389	OR2M2	1	248344044	melanoma
4390	OR2M2	1	248344044	melanoma
4391	OR2M2	1	248344068	Gbm
4392	OR2M2	1	248344068	IDHwt
4393	OR2M2	1	248344068	IDHwt_priGBM
4394	OR2M2	1	248344068	LGG GBM
4395	OR2M2	1	248344068	Mesenchymal
4396	OR2M2	1	248344068	Mesenchymal_like
4397	OR2M2	1	248344068	IDHwt_priGBM2
4398	OR2M2	1	248344134	lung
4399	OR2M3	1	248366415	melanoma
4400	OR2M3	1	248366490	melanoma
4401	OR2M3	1	248366490	melanoma
4402	OR2M3	1	248366490	melanoma
4403	OR2M3	1	248366490	melanoma
4404	OR2M3	1	248366491	melanoma
4405	OR2M3	1	248366832	lung
4406	OR2M3	1	248367019	melanoma
4407	OR2M4	1	248402865	melanoma

4408	OR2M4	1	248402865	melanoma
4409	OR2M4	1	248403138	Classic_like
4410	OR2M4	1	248403138	Classic_like
4411	OR2M4	1	248403138	Classic_like
4412	OR2M4	1	248403138	Classic_like
4413	OR2M4	1	248403138	Gbm
4414	OR2M4	1	248403138	Gbm
4415	OR2M4	1	248403138	Gbm
4416	OR2M4	1	248403138	Gbm
4417	OR2M4	1	248403138	LGG GBM
4418	OR2M4	1	248403138	LGG GBM
4419	OR2M4	1	248403138	LGG GBM
4420	OR2M4	1	248403138	LGG GBM
4421	OR2M4	1	248403138	Proneural
4422	OR2M4	1	248403138	Proneural
4423	OR2M4	1	248403138	Proneural
4424	OR2M4	1	248403138	Proneural
4425	OR2T33	1	248436261	lung
4426	OR2T33	1	248436278	melanoma
4427	OR2T33	1	248436278	melanoma
4428	OR2T33	1	248436278	melanoma
4429	OR2T33	1	248436307	lung
4430	OR2T33	1	248436694	lung
4431	OR2T33	1	248436694	lung
4432	OR2T33	1	248436899	melanoma
4433	OR2T33	1	248436899	melanoma
4434	OR2T33	1	248436899	melanoma
4435	OR2T33	1	248436899	melanoma
4436	OR2T33	1	248436967	lung
4437	OR2T12	1	248458330	Classic
4438	OR2T12	1	248458330	Classic_like
4439	OR2T12	1	248458330	Gbm
4440	OR2T12	1	248458330	IDHwt
4441	OR2T12	1	248458330	IDHwt_priGBM
4442	OR2T12	1	248458330	LGG GBM
4443	OR2T12	1	248458361	melanoma
4444	OR2T12	1	248458774	Codel
4445	OR2T12	1	248458774	Codel
4446	OR2T12	1	248458774	IDHmut
4447	OR2T12	1	248458774	IDHmut
4448	OR2T12	1	248458774	IDHmut_codel
4449	OR2T12	1	248458774	IDHmut_codel
4450	OR2T12	1	248458774	LGG GBM
4451	OR2T12	1	248458774	LGG GBM
4452	OR2M7	1	248487611	lung
4453	OR2M7	1	248487801	melanoma
4454	OR2M7	1	248487825	melanoma
4455	OR14C36	1	248512324	melanoma
4456	OR14C36	1	248512354	Classic
4457	OR14C36	1	248512354	IDHwt
4458	OR14C36	1	248512354	LGG GBM
4459	OR14C36	1	248512354	Mesenchymal_like
4460	OR14C36	1	248512354	OligoAstr
4461	OR14C36	1	248512734	lung
4462	OR2T4	1	248525106	melanoma
4463	OR2T4	1	248525309	melanoma
4464	OR2T4	1	248525565	Codel
4465	OR2T4	1	248525565	IDHmut

4466	OR2T4	1	248525565	IDHmut_codel
4467	OR2T4	1	248525565	LGG GBM
4468	OR2T4	1	248525565	Oligo
4469	OR2T4	1	248525565	Proneural
4470	OR2T6	1	248551538	melanoma
4471	OR2T6	1	248551538	melanoma
4472	OR2T6	1	248551726	Classic
4473	OR2T6	1	248551726	Classic_like
4474	OR2T6	1	248551726	IDHwt
4475	OR2T6	1	248551726	LGG GBM
4476	OR2T6	1	248551726	OligoAstr
4477	OR2T1	1	248569501	melanoma
4478	OR2T1	1	248569501	melanoma
4479	OR2T1	1	248569509	melanoma
4480	OR2T1	1	248569509	melanoma
4481	OR2T1	1	248569509	melanoma
4482	OR2T1	1	248569648	bladder
4483	OR2T1	1	248569915	Classic
4484	OR2T1	1	248569915	Classic_like
4485	OR2T1	1	248569915	Gbm
4486	OR2T1	1	248569915	IDHwt
4487	OR2T1	1	248569915	IDHwt_priGBM
4488	OR2T1	1	248569915	LGG GBM
4489	OR2T1	1	248570031	melanoma
4490	OR2T2	1	248616274	melanoma
4491	OR2T2	1	248616274	melanoma
4492	OR2T2	1	248616274	melanoma
4493	OR2T3	1	248637404	bladder
4494	OR2T3	1	248637600	melanoma
4495	OR2T5	1	248651963	melanoma
4496	OR2G6	1	248685068	melanoma
4497	OR2G6	1	248685068	melanoma
4498	OR2G6	1	248685147	melanoma
4499	OR2G6	1	248685273	Classic
4500	OR2G6	1	248685273	Classic_like
4501	OR2G6	1	248685273	Gbm
4502	OR2G6	1	248685273	IDHwt
4503	OR2G6	1	248685273	IDHwt_priGBM
4504	OR2G6	1	248685273	LGG GBM
4505	OR2G6	1	248685672	melanoma
4506	OR2G6	1	248685672	melanoma
4507	OR2G6	1	248685747	melanoma
4508	OR2G6	1	248685747	melanoma
4509	OR2G6	1	248685794	melanoma
4510	OR2T34	1	248737306	bladder
4511	OR2T34	1	248737364	melanoma
4512	OR2T34	1	248737725	lung
4513	OR2T10	1	248756435	Classic
4514	OR2T10	1	248756435	Classic
4515	OR2T10	1	248756435	Classic
4516	OR2T10	1	248756435	Classic_like
4517	OR2T10	1	248756435	Classic_like
4518	OR2T10	1	248756435	Classic_like
4519	OR2T10	1	248756435	Gbm
4520	OR2T10	1	248756435	Gbm
4521	OR2T10	1	248756435	Gbm
4522	OR2T10	1	248756435	IDHwt
4523	OR2T10	1	248756435	IDHwt

4524	OR2T10	1	248756435	IDHwt
4525	OR2T10	1	248756435	IDHwt_priGBM
4526	OR2T10	1	248756435	IDHwt_priGBM
4527	OR2T10	1	248756435	IDHwt_priGBM
4528	OR2T10	1	248756435	LGG GBM
4529	OR2T10	1	248756435	LGG GBM
4530	OR2T10	1	248756435	LGG GBM
4531	OR2T10	1	248756685	melanoma
4532	OR2T10	1	248756784	melanoma
4533	OR2T10	1	248757005	melanoma
4534	OR2T10	1	248757005	melanoma
4535	OR2T11	1	248789633	melanoma
4536	OR2T11	1	248789633	melanoma
4537	OR2T11	1	248789661	Classic_like
4538	OR2T11	1	248789661	Gbm
4539	OR2T11	1	248789661	IDHwt
4540	OR2T11	1	248789661	IDHwt_priGBM
4541	OR2T11	1	248789661	LGG GBM
4542	OR2T27	1	248813369	melanoma
4543	OR2T27	1	248813398	melanoma
4544	OR2T27	1	248813468	IDHwt
4545	OR2T27	1	248813468	LGG GBM
4546	OR2T27	1	248813468	Mesenchymal
4547	OR2T27	1	248813468	Mesenchymal_like
4548	OR2T27	1	248813468	Oligo
4549	OR2T27	1	248813499	lung
4550	OR2T27	1	248813812	melanoma
4551	OR2T27	1	248813822	melanoma
4552	OR2T27	1	248814155	lung
4553	OR2T27	1	248814155	lung
4554	OR2T27	1	248814155	lung
4555	OR2T27	1	248814155	lung
4556	OR1411	1	248844752	Classic
4557	OR1411	1	248844752	Classic
4558	OR1411	1	248844752	Classic_like
4559	OR1411	1	248844752	Classic_like
4560	OR1411	1	248844752	Gbm
4561	OR1411	1	248844752	Gbm
4562	OR1411	1	248844752	IDHwt
4563	OR1411	1	248844752	IDHwt
4564	OR1411	1	248844752	IDHwt_priGBM
4565	OR1411	1	248844752	IDHwt_priGBM
4566	OR1411	1	248844752	LGG GBM
4567	OR1411	1	248844752	LGG GBM
4568	OR1411	1	248844801	melanoma
4569	SH3BP5L	1	249107325	lung
4570	ZNF692	1	249152388	melanoma
4571	PGBD2	1	249211097	bladder
4572	PGBD2	1	249211805	melanoma
4573	PGBD2	1	249211883	melanoma
4574	PGBD2	1	249211883	melanoma
4575	PGBD2	1	249212034	lung
4576	SH3YL1	2	224893	hnscc
4577	SNTG2	2	1168832	bladder
4578	SNTG2	2	1204859	melanoma
4579	SNTG2	2	1243538	melanoma
4580	TPO	2	1418251	melanoma
4581	TPO	2	1418251	melanoma

4582	TPO	2	1437260	melanoma
4583	TPO	2	1437260	melanoma
4584	TPO	2	1457551	melanoma
4585	TPO	2	1457551	melanoma
4586	TPO	2	1481329	melanoma
4587	TPO	2	1491667	melanoma
4588	TPO	2	1500454	lung
4589	TPO	2	1520688	melanoma
4590	TPO	2	1520688	melanoma
4591	TPO	2	1520688	melanoma
4592	PXDN	2	1648490	melanoma
4593	PXDN	2	1648490	melanoma
4594	PXDN	2	1652144	Astr
4595	PXDN	2	1652144	GCIMP_high
4596	PXDN	2	1652144	IDHmut
4597	PXDN	2	1652144	IDHmut_noncodel
4598	PXDN	2	1652144	LGG GBM
4599	PXDN	2	1652144	Proneural
4600	PXDN	2	1652184	hnscc
4601	PXDN	2	1652184	hnscc
4602	PXDN	2	1653276	melanoma
4603	PXDN	2	1653276	melanoma
4604	MYT1L	2	1812887	Gbm
4605	MYT1L	2	1812887	Gbm
4606	MYT1L	2	1812887	IDHwt
4607	MYT1L	2	1812887	IDHwt
4608	MYT1L	2	1812887	IDHwt_priGBM
4609	MYT1L	2	1812887	IDHwt_priGBM
4610	MYT1L	2	1812887	LGG GBM
4611	MYT1L	2	1812887	LGG GBM
4612	MYT1L	2	1812887	Mesenchymal
4613	MYT1L	2	1812887	Mesenchymal
4614	MYT1L	2	1893153	melanoma
4615	MYT1L	2	1895859	melanoma
4616	TRAPPC12	2	3428365	melanoma
4617	RPS7	2	3623246	melanoma
4618	COLEC11	2	3691388	Classic
4619	COLEC11	2	3691388	Classic_like
4620	COLEC11	2	3691388	IDHwt
4621	COLEC11	2	3691388	LGG GBM
4622	COLEC11	2	3691388	OligoAstr
4623	CMPK2	2	7005413	melanoma
4624	RNF144A	2	7160690	melanoma
4625	KIDINS220	2	8890394	melanoma
4626	MBOAT2	2	9017291	melanoma
4627	ASAP2	2	9437528	lung
4628	TAF1B	2	10059768	bladder
4629	GRHL1	2	10095127	melanoma
4630	GRHL1	2	10101270	melanoma
4631	GRHL1	2	10102594	melanoma
4632	RRM2	2	10263927	melanoma
4633	RRM2	2	10263927	melanoma
4634	RRM2	2	10263957	melanoma
4635	RRM2	2	10267312	melanoma
4636	ODC1	2	10582221	GCIMP_high
4637	ODC1	2	10582221	GCIMP_high
4638	ODC1	2	10582221	IDHmut
4639	ODC1	2	10582221	IDHmut

4640	ODC1	2	10582221	IDHmut_noncodel
4641	ODC1	2	10582221	IDHmut_noncodel
4642	ODC1	2	10582221	LGG GBM
4643	ODC1	2	10582221	LGG GBM
4644	ODC1	2	10582221	Neural
4645	ODC1	2	10582221	Neural
4646	ODC1	2	10582221	Oligo
4647	ODC1	2	10582221	Oligo
4648	ATP6V1C2	2	10863076	melanoma
4649	C2orf50	2	11284095	melanoma
4650	C2orf50	2	11284095	melanoma
4651	PQLC3	2	11300636	Gbm
4652	PQLC3	2	11300636	Gbm
4653	PQLC3	2	11300636	IDHwt
4654	PQLC3	2	11300636	IDHwt
4655	PQLC3	2	11300636	IDHwt_priGBM
4656	PQLC3	2	11300636	IDHwt_priGBM
4657	PQLC3	2	11300636	LGG GBM
4658	PQLC3	2	11300636	LGG GBM
4659	PQLC3	2	11300636	Mesenchymal_like
4660	PQLC3	2	11300636	Mesenchymal_like
4661	PQLC3	2	11300636	Proneural
4662	PQLC3	2	11300636	Proneural
4663	GREB1	2	11720940	melanoma
4664	GREB1	2	11733171	melanoma
4665	GREB1	2	11733171	melanoma
4666	GREB1	2	11735397	melanoma
4667	GREB1	2	11735397	melanoma
4668	GREB1	2	11758963	Codel
4669	GREB1	2	11758963	IDHmut
4670	GREB1	2	11758963	IDHmut_codel
4671	GREB1	2	11758963	LGG GBM
4672	GREB1	2	11758963	Oligo
4673	GREB1	2	11758963	Proneural
4674	GREB1	2	11772161	bladder
4675	GREB1	2	11772161	bladder
4676	GREB1	2	11777890	melanoma
4677	GREB1	2	11777890	melanoma
4678	LPIN1	2	11932101	melanoma
4679	TRIB2	2	12880633	melanoma
4680	TRIB2	2	12880633	melanoma
4681	NBAS	2	15326990	melanoma
4682	NBAS	2	15417158	Gbm
4683	NBAS	2	15417158	IDHwt
4684	NBAS	2	15417158	IDHwt_priGBM
4685	NBAS	2	15417158	LGG GBM
4686	NBAS	2	15417158	Mesenchymal_like
4687	NBAS	2	15417158	Neural
4688	NBAS	2	15432760	melanoma
4689	NBAS	2	15555741	Astr
4690	NBAS	2	15555741	GCIMP_high
4691	NBAS	2	15555741	IDHmut
4692	NBAS	2	15555741	IDHmut_noncodel
4693	NBAS	2	15555741	LGG GBM
4694	NBAS	2	15555741	Proneural
4695	NBAS	2	15564503	Codel
4696	NBAS	2	15564503	IDHmut
4697	NBAS	2	15564503	IDHmut_codel

4698	NBAS	2	15564503	LGG GBM
4699	NBAS	2	15564503	Oligo
4700	NBAS	2	15564503	Proneural
4701	NBAS	2	15701403	melanoma
4702	DDX1	2	15768938	melanoma
4703	MYCN	2	16082407	lung
4704	MYCN	2	16086130	melanoma
4705	FAM49A	2	16734235	melanoma
4706	FAM49A	2	16742542	melanoma
4707	FAM49A	2	16745323	melanoma
4708	RAD51AP2	2	17695333	melanoma
4709	RAD51AP2	2	17696786	melanoma
4710	RAD51AP2	2	17696859	Astr
4711	RAD51AP2	2	17696859	GCIMP_high
4712	RAD51AP2	2	17696859	IDHmut
4713	RAD51AP2	2	17696859	IDHmut_noncodel
4714	RAD51AP2	2	17696859	LGG GBM
4715	RAD51AP2	2	17697159	melanoma
4716	SMC6	2	17847757	Codel
4717	SMC6	2	17847757	IDHmut
4718	SMC6	2	17847757	IDHmut_codel
4719	SMC6	2	17847757	LGG GBM
4720	SMC6	2	17847757	Oligo
4721	SMC6	2	17847757	Proneural
4722	SMC6	2	17907733	melanoma
4723	GEN1	2	17952546	melanoma
4724	GEN1	2	17961993	melanoma
4725	GEN1	2	17963109	melanoma
4726	KCNS3	2	18112951	melanoma
4727	KCNS3	2	18113282	melanoma
4728	KCNS3	2	18113581	Astr
4729	KCNS3	2	18113581	Classic
4730	KCNS3	2	18113581	Classic_like
4731	KCNS3	2	18113581	IDHwt
4732	KCNS3	2	18113581	LGG GBM
4733	iC1B;NT5C1B-RD	2	18765481	melanoma
4734	iC1B;NT5C1B-RD	2	18765481	melanoma
4735	iC1B;NT5C1B-RD	2	18765481	melanoma
4736	iC1B;NT5C1B-RD	2	18765484	melanoma
4737	iC1B;NT5C1B-RD	2	18765484	melanoma
4738	iC1B;NT5C1B-RD	2	18765998	melanoma
4739	iC1B;NT5C1B-RD	2	18766214	melanoma
4740	iC1B;NT5C1B-RD	2	18766214	melanoma
4741	iC1B;NT5C1B-RD	2	18766214	melanoma
4742	iC1B;NT5C1B-RD	2	18767626	melanoma
4743	iC1B;NT5C1B-RD	2	18768318	Codel
4744	iC1B;NT5C1B-RD	2	18768318	IDHmut
4745	iC1B;NT5C1B-RD	2	18768318	IDHmut_codel
4746	iC1B;NT5C1B-RD	2	18768318	LGG GBM
4747	iC1B;NT5C1B-RD	2	18768318	Oligo
4748	iC1B;NT5C1B-RD	2	18768318	Proneural
4749	iC1B;NT5C1B-RD	2	18770727	melanoma
4750	WDR35	2	20114006	melanoma
4751	WDR35	2	20114006	melanoma
4752	WDR35	2	20145588	melanoma
4753	WDR35	2	20145588	melanoma
4754	WDR35	2	20145588	melanoma
4755	PUM2	2	20460122	melanoma

4756	PUM2	2	20478428	melanoma
4757	PUM2	2	20478479	melanoma
4758	PUM2	2	20497421	melanoma
4759	PUM2	2	20527103	melanoma
4760	RHOB	2	20647740	bladder
4761	HS1BP3	2	20840751	melanoma
4762	APOB	2	21225081	melanoma
4763	APOB	2	21225563	melanoma
4764	APOB	2	21225681	melanoma
4765	APOB	2	21227302	melanoma
4766	APOB	2	21227313	melanoma
4767	APOB	2	21228885	melanoma
4768	APOB	2	21230343	Codel
4769	APOB	2	21230343	IDHmut
4770	APOB	2	21230343	IDHmut_codel
4771	APOB	2	21230343	LGG GBM
4772	APOB	2	21230343	Neural
4773	APOB	2	21230343	Oligo
4774	APOB	2	21231216	melanoma
4775	APOB	2	21231216	melanoma
4776	APOB	2	21233163	lung
4777	APOB	2	21233163	lung
4778	APOB	2	21234467	lung
4779	APOB	2	21234666	melanoma
4780	APOB	2	21234666	melanoma
4781	APOB	2	21235166	melanoma
4782	APOB	2	21235259	melanoma
4783	APOB	2	21235259	melanoma
4784	APOB	2	21249770	Gbm
4785	APOB	2	21249770	Gbm
4786	APOB	2	21249770	IDHwt
4787	APOB	2	21249770	IDHwt
4788	APOB	2	21249770	IDHwt_priGBM
4789	APOB	2	21249770	IDHwt_priGBM
4790	APOB	2	21249770	LGG GBM
4791	APOB	2	21249770	LGG GBM
4792	APOB	2	21249770	Mesenchymal
4793	APOB	2	21249770	Mesenchymal
4794	APOB	2	21249823	melanoma
4795	APOB	2	21250764	GCIMP_high
4796	APOB	2	21250764	GCIMP_high
4797	APOB	2	21250764	IDHmut
4798	APOB	2	21250764	IDHmut
4799	APOB	2	21250764	IDHmut_noncodel
4800	APOB	2	21250764	IDHmut_noncodel
4801	APOB	2	21250764	LGG GBM
4802	APOB	2	21250764	LGG GBM
4803	APOB	2	21250764	OligoAstr
4804	APOB	2	21250764	OligoAstr
4805	APOB	2	21250764	Proneural
4806	APOB	2	21250764	Proneural
4807	APOB	2	21255395	melanoma
4808	APOB	2	21255395	melanoma
4809	TDRD15	2	21362285	bladder
4810	KLHL29	2	23865372	melanoma
4811	ATAD2B	2	23985184	melanoma
4812	ATAD2B	2	23985184	melanoma
4813	WDPCP	2	24255798	melanoma

4814	WDCP	2	24255798	melanoma
4815	ITSN2	2	24439038	lung
4816	ITSN2	2	24439038	lung
4817	ITSN2	2	24526701	Gbm
4818	ITSN2	2	24526701	IDHwt
4819	ITSN2	2	24526701	IDHwt_priGBM
4820	ITSN2	2	24526701	LGG GBM
4821	ITSN2	2	24526701	Mesenchymal_like
4822	ITSN2	2	24538018	bladder
4823	NCOA1	2	24928072	melanoma
4824	NCOA1	2	24929490	melanoma
4825	NCOA1	2	24951253	melanoma
4826	NCOA1	2	24952481	melanoma
4827	NCOA1	2	24952481	melanoma
4828	ADCY3	2	25050909	melanoma
4829	ADCY3	2	25050909	melanoma
4830	ADCY3	2	25054536	melanoma
4831	ADCY3	2	25062839	Codel
4832	ADCY3	2	25062839	IDHmut
4833	ADCY3	2	25062839	IDHmut_codel
4834	ADCY3	2	25062839	LGG GBM
4835	ADCY3	2	25062839	Neural
4836	ADCY3	2	25062839	Oligo
4837	POMC	2	25387614	melanoma
4838	POMC	2	25387614	melanoma
4839	DNMT3A	2	25457216	IDHwt_priGBM2
4840	DTNB	2	25705692	melanoma
4841	DTNB	2	25799714	melanoma
4842	DTNB	2	25851123	melanoma
4843	DTNB	2	25851123	melanoma
4844	ASXL2	2	25972737	melanoma
4845	KIF3C	2	26203384	melanoma
4846	KIF3C	2	26203384	melanoma
4847	HADHA	2	26457099	Classic_like
4848	HADHA	2	26457099	Gbm
4849	HADHA	2	26457099	IDHwt
4850	HADHA	2	26457099	IDHwt_priGBM
4851	HADHA	2	26457099	LGG GBM
4852	HADHA	2	26457128	Astr
4853	HADHA	2	26457128	Classic
4854	HADHA	2	26457128	Classic_like
4855	HADHA	2	26457128	IDHwt
4856	HADHA	2	26457128	LGG GBM
4857	HADHB	2	26496536	melanoma
4858	ADGRF3	2	26537471	bladder
4859	DRC1	2	26667699	melanoma
4860	OTOF	2	26686908	Codel
4861	OTOF	2	26686908	IDHmut
4862	OTOF	2	26686908	IDHmut_codel
4863	OTOF	2	26686908	LGG GBM
4864	OTOF	2	26686908	Neural
4865	OTOF	2	26686908	Oligo
4866	OTOF	2	26697431	hnscc
4867	OTOF	2	26702507	melanoma
4868	OTOF	2	26724629	melanoma
4869	OTOF	2	26724629	melanoma
4870	CIB4	2	26805768	Classic_like
4871	CIB4	2	26805768	Gbm

4872	CIB4	2	26805768	LGG GBM
4873	CIB4	2	26805768	Mesenchymal
4874	SLC35F6	2	26997967	melanoma
4875	AGBL5	2	27276373	melanoma
4876	EMILIN1	2	27301980	lung
4877	EMILIN1	2	27302055	melanoma
4878	EMILIN1	2	27306012	melanoma
4879	EMILIN1	2	27306015	lung
4880	EMILIN1	2	27306582	melanoma
4881	ABHD1	2	27353484	melanoma
4882	PREB	2	27354621	melanoma
4883	PRR30	2	27360206	lung
4884	PRR30	2	27360407	melanoma
4885	PRR30	2	27360917	melanoma
4886	PRR30	2	27360917	melanoma
4887	TCF23	2	27375694	melanoma
4888	TCF23	2	27375694	melanoma
4889	SLC5A6	2	27424262	melanoma
4890	SLC5A6	2	27424262	melanoma
4891	SLC5A6	2	27424262	melanoma
4892	SLC5A6	2	27424864	melanoma
4893	SLC5A6	2	27429371	melanoma
4894	SLC5A6	2	27429371	melanoma
4895	SLC5A6	2	27429372	melanoma
4896	ATRAID	2	27439752	melanoma
4897	CAD	2	27462078	melanoma
4898	SLC30A3	2	27479686	Astr
4899	SLC30A3	2	27479686	IDHwt
4900	SLC30A3	2	27479686	LGG GBM
4901	SLC30A3	2	27479686	Mesenchymal
4902	SLC30A3	2	27479686	PA_like
4903	SLC30A3	2	27479743	melanoma
4904	SLC30A3	2	27480914	melanoma
4905	SLC30A3	2	27480914	melanoma
4906	SLC30A3	2	27481034	Gbm
4907	SLC30A3	2	27481034	IDHwt
4908	SLC30A3	2	27481034	IDHwt_priGBM
4909	SLC30A3	2	27481034	LGG GBM
4910	SLC30A3	2	27481034	Mesenchymal
4911	SLC30A3	2	27481038	Gbm
4912	SLC30A3	2	27481038	IDHwt
4913	SLC30A3	2	27481038	IDHwt_priGBM
4914	SLC30A3	2	27481038	LGG GBM
4915	SLC30A3	2	27481038	LGm6_GBM
4916	DNAJC5G	2	27501109	melanoma
4917	UCN	2	27530432	melanoma
4918	UCN	2	27530432	melanoma
4919	GTF3C2	2	27559123	melanoma
4920	GTF3C2	2	27559123	melanoma
4921	SNX17	2	27596744	melanoma
4922	SNX17	2	27599364	Astr
4923	SNX17	2	27599364	GCIMP_high
4924	SNX17	2	27599364	IDHmut
4925	SNX17	2	27599364	IDHmut_noncodel
4926	SNX17	2	27599364	LGG GBM
4927	SNX17	2	27599364	Proneural
4928	PPM1G	2	27605413	melanoma
4929	IFT172	2	27669179	melanoma

4930	IFT172	2	27670769	Classic
4931	IFT172	2	27670769	Gbm
4932	IFT172	2	27670769	IDHwt
4933	IFT172	2	27670769	IDHwt_priGBM
4934	IFT172	2	27670769	LGG GBM
4935	IFT172	2	27670769	Mesenchymal_like
4936	IFT172	2	27688692	Astr
4937	IFT172	2	27688692	Astr
4938	IFT172	2	27688692	Classic
4939	IFT172	2	27688692	Classic
4940	IFT172	2	27688692	IDHwt
4941	IFT172	2	27688692	IDHwt
4942	IFT172	2	27688692	LGG GBM
4943	IFT172	2	27688692	LGG GBM
4944	IFT172	2	27688692	Mesenchymal_like
4945	IFT172	2	27688692	Mesenchymal_like
4946	GCKR	2	27731038	melanoma
4947	GCKR	2	27731038	melanoma
4948	C2orf16	2	27800542	melanoma
4949	C2orf16	2	27801694	melanoma
4950	C2orf16	2	27801694	melanoma
4951	C2orf16	2	27801873	lung
4952	C2orf16	2	27801873	lung
4953	C2orf16	2	27802636	melanoma
4954	C2orf16	2	27805105	melanoma
4955	CCDC121	2	27849874	melanoma
4956	SLC4A1AP	2	27887374	melanoma
4957	SLC4A1AP	2	27890222	melanoma
4958	BABAM2	2	28117457	melanoma
4959	BABAM2	2	28464209	melanoma
4960	PLB1	2	28761204	Classic_like
4961	PLB1	2	28761204	Gbm
4962	PLB1	2	28761204	IDHwt
4963	PLB1	2	28761204	IDHwt_priGBM
4964	PLB1	2	28761204	LGG GBM
4965	PLB1	2	28761204	Mesenchymal
4966	PLB1	2	28808639	melanoma
4967	PLB1	2	28826861	bladder
4968	PLB1	2	28854951	melanoma
4969	PLB1	2	28854951	melanoma
4970	PLB1	2	28855877	melanoma
4971	PPP1CB	2	29016732	melanoma
4972	PPP1CB	2	29016732	melanoma
4973	PPP1CB	2	29016732	melanoma
4974	SPDYA	2	29041946	melanoma
4975	TRMT61B	2	29074061	melanoma
4976	TRMT61B	2	29075356	melanoma
4977	WDR43	2	29136963	melanoma
4978	WDR43	2	29136963	melanoma
4979	WDR43	2	29158460	Gbm
4980	WDR43	2	29158460	GCIMP_low
4981	WDR43	2	29158460	IDHmut
4982	WDR43	2	29158460	IDHmut_noncodel
4983	WDR43	2	29158460	LGG GBM
4984	WDR43	2	29158460	Proneural
4985	TOGARAM2	2	29247092	melanoma
4986	TOGARAM2	2	29247092	melanoma
4987	TOGARAM2	2	29247207	Astr

4988	TOGARAM2	2	29247207	GCIMP_high
4989	TOGARAM2	2	29247207	IDHmut
4990	TOGARAM2	2	29247207	IDHmut_noncodel
4991	TOGARAM2	2	29247207	LGG GBM
4992	TOGARAM2	2	29249864	melanoma
4993	C2orf71	2	29294040	melanoma
4994	C2orf71	2	29294040	melanoma
4995	C2orf71	2	29295116	lung
4996	C2orf71	2	29295963	melanoma
4997	ALK	2	29606657	melanoma
4998	ALK	2	29606657	melanoma
4999	ALK	2	29606657	melanoma
5000	ALK	2	29754827	melanoma
5001	ALK	2	29754827	melanoma
5002	ALK	2	29917728	melanoma
5003	ALK	2	29917728	melanoma
5004	ALK	2	29940471	melanoma
5005	CAPN13	2	30966427	melanoma
5006	CAPN13	2	30993255	melanoma
5007	GALNT14	2	31133811	melanoma
5008	GALNT14	2	31152288	melanoma
5009	GALNT14	2	31178570	Classic
5010	GALNT14	2	31178570	Classic_like
5011	GALNT14	2	31178570	Gbm
5012	GALNT14	2	31178570	IDHwt
5013	GALNT14	2	31178570	IDHwt_priGBM
5014	GALNT14	2	31178570	LGG GBM
5015	GALNT14	2	31215720	lung
5016	EHD3	2	31484555	Gbm
5017	EHD3	2	31484555	LGG GBM
5018	EHD3	2	31484555	Mesenchymal_like
5019	EHD3	2	31484555	Neural
5020	EHD3	2	31489061	bladder
5021	XDH	2	31570434	melanoma
5022	XDH	2	31588866	melanoma
5023	MEMO1	2	32093518	melanoma
5024	MEMO1	2	32094936	melanoma
5025	MEMO1	2	32145951	bladder
5026	MEMO1	2	32145951	bladder
5027	SPAST	2	32289226	IDHwt_priGBM2
5028	SPAST	2	32339722	melanoma
5029	SPAST	2	32341190	bladder
5030	BIRC6	2	32689758	melanoma
5031	BIRC6	2	32689758	melanoma
5032	BIRC6	2	32696183	melanoma
5033	BIRC6	2	32703767	melanoma
5034	BIRC6	2	32703767	melanoma
5035	BIRC6	2	32703767	melanoma
5036	BIRC6	2	32703767	melanoma
5037	BIRC6	2	32712858	hnsc
5038	BIRC6	2	32712858	hnsc
5039	BIRC6	2	32712858	hnsc
5040	BIRC6	2	32756506	lung
5041	BIRC6	2	32756574	melanoma
5042	BIRC6	2	32822860	melanoma
5043	LTBP1	2	33246204	melanoma
5044	LTBP1	2	33335771	melanoma
5045	LTBP1	2	33482428	melanoma

5046	LTBP1	2	33482428	melanoma
5047	LTBP1	2	33482428	melanoma
5048	RASGRP3	2	33745712	melanoma
5049	RASGRP3	2	33745717	melanoma
5050	VIT	2	37032683	Astr
5051	VIT	2	37032683	GCIMP_high
5052	VIT	2	37032683	IDHmut
5053	VIT	2	37032683	IDHmut_noncodel
5054	VIT	2	37032683	LGG GBM
5055	VIT	2	37032683	Proneural
5056	VIT	2	37035618	Gbm
5057	VIT	2	37035618	IDHwt
5058	VIT	2	37035618	IDHwt_priGBM
5059	VIT	2	37035618	LGG GBM
5060	VIT	2	37035618	Proneural
5061	VIT	2	37035700	Astr
5062	VIT	2	37035700	GCIMP_high
5063	VIT	2	37035700	IDHmut
5064	VIT	2	37035700	IDHmut_noncodel
5065	VIT	2	37035700	LGG GBM
5066	VIT	2	37035830	GCIMP_low
5067	VIT	2	37035830	IDHmut
5068	VIT	2	37035830	IDHmut_noncodel
5069	VIT	2	37035830	LGG GBM
5070	VIT	2	37035830	OligoAstr
5071	VIT	2	37035830	Proneural
5072	STRN	2	37088389	lung
5073	HEATR5B	2	37208816	lung
5074	HEATR5B	2	37230775	melanoma
5075	HEATR5B	2	37265041	Codel
5076	HEATR5B	2	37265041	IDHmut
5077	HEATR5B	2	37265041	IDHmut_codel
5078	HEATR5B	2	37265041	LGG GBM
5079	HEATR5B	2	37265041	Oligo
5080	HEATR5B	2	37265041	Proneural
5081	HEATR5B	2	37280659	melanoma
5082	HEATR5B	2	37280682	lung
5083	CEBPZ	2	37455137	melanoma
5084	NDUFAF7	2	37474641	melanoma
5085	PRKD3	2	37513484	hnsc
5086	QPCT	2	37586994	bladder
5087	RMDN2	2	38178735	melanoma
5088	RMDN2	2	38202392	bladder
5089	ATL2	2	38525479	melanoma
5090	GALM	2	38958927	melanoma
5091	SRSF7	2	38977226	melanoma
5092	ARHGEF33	2	39187660	lung
5093	CDKL4	2	39417556	melanoma
5094	MAP4K3	2	39485527	melanoma
5095	MAP4K3	2	39485527	melanoma
5096	TMEM178A	2	39944166	melanoma
5097	THUMP2	2	39993216	lung
5098	SLC8A1	2	40342586	melanoma
5099	SLC8A1	2	40387938	melanoma
5100	SLC8A1	2	40656376	lung
5101	SLC8A1	2	40656427	melanoma
5102	SLC8A1	2	40656825	melanoma
5103	SLC8A1	2	40656825	melanoma

5104	SLC8A1	2	40657027	melanoma
5105	SLC8A1	2	40657404	melanoma
5106	SLC8A1	2	40657404	melanoma
5107	PKDCC	2	42280431	melanoma
5108	PKDCC	2	42282449	melanoma
5109	PKDCC	2	42282449	melanoma
5110	MTA3	2	42936198	melanoma
5111	THADA	2	43520238	melanoma
5112	THADA	2	43768417	melanoma
5113	THADA	2	43778961	melanoma
5114	THADA	2	43779368	melanoma
5115	THADA	2	43787473	IDHwt_priGBM2
5116	THADA	2	43804328	Gbm
5117	THADA	2	43804328	Gbm
5118	THADA	2	43804328	GCIMP_low
5119	THADA	2	43804328	GCIMP_low
5120	THADA	2	43804328	IDHmut
5121	THADA	2	43804328	IDHmut
5122	THADA	2	43804328	IDHmut_noncode1
5123	THADA	2	43804328	IDHmut_noncode1
5124	THADA	2	43804328	LGG GBM
5125	THADA	2	43804328	LGG GBM
5126	THADA	2	43804328	Proneural
5127	THADA	2	43804328	Proneural
5128	PLEKHH2	2	43926990	melanoma
5129	PLEKHH2	2	43927580	melanoma
5130	PLEKHH2	2	43934547	melanoma
5131	PLEKHH2	2	43934547	melanoma
5132	PLEKHH2	2	43992676	bladder
5133	ABCG5	2	44050069	IDHwt_priGBM2
5134	ABCG5	2	44051252	Classic
5135	ABCG5	2	44051252	Classic_like
5136	ABCG5	2	44051252	Gbm
5137	ABCG5	2	44051252	IDHwt
5138	ABCG5	2	44051252	IDHwt_priGBM
5139	ABCG5	2	44051252	LGG GBM
5140	ABCG8	2	44073315	melanoma
5141	ABCG8	2	44100961	melanoma
5142	LRPPRC	2	44170889	melanoma
5143	LRPPRC	2	44172498	melanoma
5144	LRPPRC	2	44200804	bladder
5145	LRPPRC	2	44200804	bladder
5146	LRPPRC	2	44200804	bladder
5147	LRPPRC	2	44201852	bladder
5148	LRPPRC	2	44202292	lung
5149	SLC3A1	2	44547550	lung
5150	CAMKMT	2	44617394	melanoma
5151	SIX3	2	45170010	melanoma
5152	SRBD1	2	45715417	melanoma
5153	SRBD1	2	45812861	Astr
5154	SRBD1	2	45812861	IDHwt
5155	SRBD1	2	45812861	LGG GBM
5156	SRBD1	2	45812861	Neural
5157	SRBD1	2	45812861	PA_like
5158	TMEM247	2	46711389	melanoma
5159	PIGF	2	46840891	bladder
5160	SOCS5	2	46986122	bladder
5161	MCFD2	2	47135009	melanoma

5162	TTC7A	2	47238534	melanoma
5163	MSH2	2	47702194	lung
5164	MSH2	2	47703571	melanoma
5165	KCNK12	2	47748519	melanoma
5166	MSH6	2	48026666	melanoma
5167	MSH6	2	48027454	melanoma
5168	MSH6	2	48027455	melanoma
5169	MSH6	2	48032814	melanoma
5170	MSH6	2	48033352	melanoma
5171	FOXN2	2	48573453	melanoma
5172	∩N1;STON1-GTF2	2	48808010	melanoma
5173	∩N1;STON1-GTF2	2	48808644	melanoma
5174	∩N1;STON1-GTF2	2	48808644	melanoma
5175	∩N1;STON1-GTF2	2	48809103	Gbm
5176	∩N1;STON1-GTF2	2	48809103	IDHwt
5177	∩N1;STON1-GTF2	2	48809103	IDHwt_priGBM
5178	∩N1;STON1-GTF2	2	48809103	LGG GBM
5179	∩N1;STON1-GTF2	2	48809103	Mesenchymal_like
5180	∩N1;STON1-GTF2	2	48809103	Proneural
5181	∩A1L;STON1-GTF	2	48874003	melanoma
5182	∩A1L;STON1-GTF	2	48906477	melanoma
5183	LHCGR	2	48914919	lung
5184	LHCGR	2	48915077	melanoma
5185	LHCGR	2	48915099	melanoma
5186	LHCGR	2	48915384	melanoma
5187	LHCGR	2	48915585	melanoma
5188	LHCGR	2	48915809	melanoma
5189	LHCGR	2	48915809	melanoma
5190	LHCGR	2	48941128	melanoma
5191	LHCGR	2	48958402	melanoma
5192	FSHR	2	49190600	melanoma
5193	FSHR	2	49190824	melanoma
5194	NRXN1	2	50692606	melanoma
5195	NRXN1	2	50692606	melanoma
5196	NRXN1	2	50724504	melanoma
5197	NRXN1	2	50758386	lung
5198	NRXN1	2	50779827	bladder
5199	NRXN1	2	51254894	lung
5200	NRXN1	2	51254894	lung
5201	NRXN1	2	51254936	melanoma
5202	NRXN1	2	51254936	melanoma
5203	NRXN1	2	51254945	melanoma
5204	NRXN1	2	51254945	melanoma
5205	NRXN1	2	51254990	lung
5206	NRXN1	2	51254990	lung
5207	NRXN1	2	51254990	lung
5208	ERLEC1	2	54014385	melanoma
5209	ERLEC1	2	54014385	melanoma
5210	ERLEC1	2	54023106	bladder
5211	GPR75	2	54081634	melanoma
5212	PSME4	2	54154592	melanoma
5213	SPTBN1	2	54858264	melanoma
5214	SPTBN1	2	54885028	melanoma
5215	EML6	2	55040523	melanoma
5216	CLHC1	2	55404777	Astr
5217	CLHC1	2	55404777	Classic
5218	CLHC1	2	55404777	Classic_like
5219	CLHC1	2	55404777	IDHwt

5220	CLHC1	2	55404777	LGG GBM
5221	CLHC1	2	55439818	melanoma
5222	CLHC1	2	55449479	melanoma
5223	MTIF2	2	55479696	Astr
5224	MTIF2	2	55479696	GCIMP_high
5225	MTIF2	2	55479696	IDHmut
5226	MTIF2	2	55479696	IDHmut_noncodel
5227	MTIF2	2	55479696	LGG GBM
5228	MTIF2	2	55479696	Proneural
5229	CCDC88A	2	55570844	lung
5230	CCDC85A	2	56419783	melanoma
5231	CCDC85A	2	56419858	melanoma
5232	CCDC85A	2	56420095	Classic
5233	CCDC85A	2	56420095	Classic_like
5234	CCDC85A	2	56420095	Gbm
5235	CCDC85A	2	56420095	IDHwt
5236	CCDC85A	2	56420095	IDHwt_priGBM
5237	CCDC85A	2	56420095	LGG GBM
5238	VRK2	2	58358955	Classic
5239	VRK2	2	58358955	IDHwt
5240	VRK2	2	58358955	LGG GBM
5241	VRK2	2	58358955	Mesenchymal_like
5242	VRK2	2	58358955	OligoAstr
5243	VRK2	2	58386680	melanoma
5244	BCL11A	2	60687972	melanoma
5245	BCL11A	2	60688423	Classic_like
5246	BCL11A	2	60688423	Gbm
5247	BCL11A	2	60688423	IDHwt
5248	BCL11A	2	60688423	IDHwt_priGBM
5249	BCL11A	2	60688423	LGG GBM
5250	BCL11A	2	60688423	Mesenchymal
5251	BCL11A	2	60688755	melanoma
5252	BCL11A	2	60688755	melanoma
5253	PAPOLG	2	60988880	melanoma
5254	PAPOLG	2	60988880	melanoma
5255	REL	2	61121664	melanoma
5256	REL	2	61148987	melanoma
5257	REL	2	61149129	melanoma
5258	REL	2	61149129	melanoma
5259	KIAA1841	2	61324908	melanoma
5260	USP34	2	61441491	melanoma
5261	USP34	2	61448689	melanoma
5262	USP34	2	61459607	melanoma
5263	USP34	2	61528172	melanoma
5264	USP34	2	61622338	Astr
5265	USP34	2	61622338	GCIMP_high
5266	USP34	2	61622338	IDHmut
5267	USP34	2	61622338	IDHmut_noncodel
5268	USP34	2	61622338	LGG GBM
5269	XPO1	2	61721136	melanoma
5270	FAM161A	2	62054339	melanoma
5271	FAM161A	2	62067423	melanoma
5272	CCT4	2	62099425	melanoma
5273	CCT4	2	62099425	melanoma
5274	TMEM17	2	62728426	Gbm
5275	TMEM17	2	62728426	IDHwt
5276	TMEM17	2	62728426	IDHwt_priGBM
5277	TMEM17	2	62728426	LGG GBM

5278	TMEM17	2	62728426	Mesenchymal_like
5279	EHBP1	2	63206393	melanoma
5280	EHBP1	2	63217922	melanoma
5281	EHBP1	2	63220726	melanoma
5282	UGP2	2	64113479	melanoma
5283	UGP2	2	64113661	melanoma
5284	VPS54	2	64160888	melanoma
5285	PEL1	2	64322219	melanoma
5286	PEL1	2	64322225	melanoma
5287	AFTPH	2	64779893	hnsc
5288	AFTPH	2	64800093	melanoma
5289	AFTPH	2	64800093	melanoma
5290	AFTPH	2	64819135	melanoma
5291	SERTAD2	2	64863339	lung
5292	SERTAD2	2	64863339	lung
5293	SERTAD2	2	64863339	lung
5294	SERTAD2	2	64863407	melanoma
5295	SERTAD2	2	64863407	melanoma
5296	SLC1A4	2	65216959	bladder
5297	SLC1A4	2	65216959	bladder
5298	SLC1A4	2	65237852	Classic
5299	SLC1A4	2	65237852	Classic
5300	SLC1A4	2	65237852	Gbm
5301	SLC1A4	2	65237852	Gbm
5302	SLC1A4	2	65237852	IDHwt
5303	SLC1A4	2	65237852	IDHwt
5304	SLC1A4	2	65237852	IDHwt_priGBM
5305	SLC1A4	2	65237852	IDHwt_priGBM
5306	SLC1A4	2	65237852	LGG GBM
5307	SLC1A4	2	65237852	LGG GBM
5308	SLC1A4	2	65237852	Mesenchymal_like
5309	SLC1A4	2	65237852	Mesenchymal_like
5310	SLC1A4	2	65248050	Astr
5311	SLC1A4	2	65248050	GCIMP_high
5312	SLC1A4	2	65248050	IDHmut
5313	SLC1A4	2	65248050	IDHmut_noncodel
5314	SLC1A4	2	65248050	LGG GBM
5315	SLC1A4	2	65248050	Proneural
5316	CEP68	2	65298777	Astr
5317	CEP68	2	65298777	GCIMP_high
5318	CEP68	2	65298777	IDHmut
5319	CEP68	2	65298777	IDHmut_noncodel
5320	CEP68	2	65298777	LGG GBM
5321	CEP68	2	65298777	Neural
5322	CEP68	2	65299732	melanoma
5323	CEP68	2	65299732	melanoma
5324	CEP68	2	65299821	melanoma
5325	ACTR2	2	65473766	Classic
5326	ACTR2	2	65473766	Classic_like
5327	ACTR2	2	65473766	IDHwt
5328	ACTR2	2	65473766	LGG GBM
5329	ACTR2	2	65473766	OligoAstr
5330	ACTR2	2	65488483	melanoma
5331	MEIS1	2	66796194	melanoma
5332	ETAA1	2	67631028	melanoma
5333	ETAA1	2	67631709	Astr
5334	ETAA1	2	67631709	GCIMP_high
5335	ETAA1	2	67631709	IDHmut

5336	ETAA1	2	67631709	IDHmut_noncode1
5337	ETAA1	2	67631709	LGG GBM
5338	ETAA1	2	67637111	melanoma
5339	PPP3R1	2	68415726	melanoma
5340	PPP3R1	2	68415726	melanoma
5341	APLF	2	68772423	melanoma
5342	PROKR1	2	68882139	melanoma
5343	ARHGAP25	2	69040456	melanoma
5344	BMP10	2	69092996	lung
5345	BMP10	2	69093059	melanoma
5346	BMP10	2	69093145	melanoma
5347	BMP10	2	69093694	melanoma
5348	GKN1	2	69207877	melanoma
5349	GKN1	2	69207877	melanoma
5350	NFU1	2	69650726	melanoma
5351	AAK1	2	69706190	melanoma
5352	AAK1	2	69746358	bladder
5353	GMCL1	2	70074704	melanoma
5354	GMCL1	2	70076805	melanoma
5355	ASPRV1	2	70187868	melanoma
5356	ASPRV1	2	70187868	melanoma
5357	ASPRV1	2	70187868	melanoma
5358	ASPRV1	2	70188145	bladder
5359	ASPRV1	2	70188646	lung
5360	PCBP1	2	70315142	melanoma
5361	PCBP1	2	70315908	Classic
5362	PCBP1	2	70315908	Classic_like
5363	PCBP1	2	70315908	IDHwt
5364	PCBP1	2	70315908	LGG GBM
5365	PCBP1	2	70315908	Oligo
5366	C2orf42	2	70396754	melanoma
5367	TIA1	2	70443994	melanoma
5368	TGFA	2	70680404	melanoma
5369	ADD2	2	70903945	melanoma
5370	ADD2	2	70903945	melanoma
5371	ADD2	2	70917932	melanoma
5372	ADD2	2	70917932	melanoma
5373	ADD2	2	70919548	lung
5374	ADD2	2	70919549	lung
5375	ADD2	2	70923463	melanoma
5376	CLEC4F	2	71043338	melanoma
5377	CLEC4F	2	71043934	melanoma
5378	CD207	2	71060827	Gbm
5379	CD207	2	71060827	IDHwt
5380	CD207	2	71060827	IDHwt_priGBM
5381	CD207	2	71060827	LGG GBM
5382	CD207	2	71060827	Proneural
5383	ZNF638	2	71576299	lung
5384	ZNF638	2	71576299	lung
5385	ZNF638	2	71576299	lung
5386	ZNF638	2	71651040	Classic
5387	ZNF638	2	71651040	Gbm
5388	ZNF638	2	71651040	IDHwt
5389	ZNF638	2	71651040	IDHwt_priGBM
5390	ZNF638	2	71651040	LGG GBM
5391	ZNF638	2	71653935	melanoma
5392	DYSF	2	71744146	melanoma
5393	DYSF	2	71744146	melanoma

5394	DYSF	2	71762402	melanoma
5395	DYSF	2	71901361	melanoma
5396	DYSF	2	71901361	melanoma
5397	DYSF	2	71909724	Gbm
5398	DYSF	2	71909724	IDHwt
5399	DYSF	2	71909724	IDHwt_priGBM
5400	DYSF	2	71909724	LGG GBM
5401	DYSF	2	71909724	Mesenchymal
5402	DYSF	2	71909724	Mesenchymal_like
5403	CYP26B1	2	72360210	Codel
5404	CYP26B1	2	72360210	IDHmut
5405	CYP26B1	2	72360210	IDHmut_codel
5406	CYP26B1	2	72360210	LGG GBM
5407	CYP26B1	2	72360210	Oligo
5408	CYP26B1	2	72360210	Proneural
5409	EXOC6B	2	72945300	melanoma
5410	EXOC6B	2	72945300	melanoma
5411	RAB11FIP5	2	73302653	lung
5412	RAB11FIP5	2	73302653	lung
5413	NOTO	2	73429838	bladder
5414	FBXO41	2	73493658	Classic_like
5415	FBXO41	2	73493658	Gbm
5416	FBXO41	2	73493658	IDHwt
5417	FBXO41	2	73493658	IDHwt_priGBM
5418	FBXO41	2	73493658	LGG GBM
5419	FBXO41	2	73493658	Mesenchymal
5420	EGR4	2	73518761	lung
5421	EGR4	2	73518860	melanoma
5422	EGR4	2	73519256	hnscc
5423	ALMS1	2	73651767	melanoma
5424	ALMS1	2	73677648	Classic
5425	ALMS1	2	73677648	Classic
5426	ALMS1	2	73677648	Classic_like
5427	ALMS1	2	73677648	Classic_like
5428	ALMS1	2	73677648	Gbm
5429	ALMS1	2	73677648	Gbm
5430	ALMS1	2	73677648	IDHwt
5431	ALMS1	2	73677648	IDHwt
5432	ALMS1	2	73677648	IDHwt_priGBM
5433	ALMS1	2	73677648	IDHwt_priGBM
5434	ALMS1	2	73677648	LGG GBM
5435	ALMS1	2	73677648	LGG GBM
5436	ALMS1	2	73678215	melanoma
5437	ALMS1	2	73678870	lung
5438	ALMS1	2	73717142	melanoma
5439	ALMS1	2	73717142	melanoma
5440	ALMS1	2	73717142	melanoma
5441	ALMS1	2	73800265	melanoma
5442	NAT8	2	73868641	Astr
5443	NAT8	2	73868641	GCIMP_low
5444	NAT8	2	73868641	IDHmut
5445	NAT8	2	73868641	IDHmut_noncodel
5446	NAT8	2	73868641	LGG GBM
5447	NAT8	2	73868641	Proneural
5448	C2orf78	2	74042210	melanoma
5449	C2orf78	2	74042278	melanoma
5450	C2orf78	2	74042938	melanoma
5451	C2orf78	2	74042938	melanoma

5452	C2orf78	2	74042938	melanoma
5453	C2orf78	2	74043830	melanoma
5454	ACTG2	2	74136191	melanoma
5455	ACTG2	2	74136191	melanoma
5456	ACTG2	2	74136191	melanoma
5457	ACTG2	2	74136191	melanoma
5458	ACTG2	2	74136191	melanoma
5459	ACTG2	2	74136191	melanoma
5460	ACTG2	2	74141900	melanoma
5461	DGUOK	2	74154092	melanoma
5462	DGUOK	2	74173931	melanoma
5463	TET3	2	74274419	melanoma
5464	TET3	2	74274945	melanoma
5465	TET3	2	74275316	bladder
5466	TET3	2	74327741	melanoma
5467	BOLA3	2	74374965	lung
5468	SLC4A5	2	74466560	melanoma
5469	SLC4A5	2	74469140	melanoma
5470	SLC4A5	2	74469140	melanoma
5471	SLC4A5	2	74477561	melanoma
5472	MOGS	2	74688527	Astr
5473	MOGS	2	74688527	GCIMP_high
5474	MOGS	2	74688527	IDHmut
5475	MOGS	2	74688527	IDHmut_noncodel
5476	MOGS	2	74688527	LGG GBM
5477	CCDC142	2	74701858	melanoma
5478	CCDC142	2	74708186	melanoma
5479	CCDC142	2	74708382	melanoma
5480	CCDC142	2	74708382	melanoma
5481	CCDC142	2	74708382	melanoma
5482	TTC31	2	74710499	Classic
5483	TTC31	2	74710499	Classic_like
5484	TTC31	2	74710499	Gbm
5485	TTC31	2	74710499	IDHwt
5486	TTC31	2	74710499	IDHwt_priGBM
5487	TTC31	2	74710499	LGG GBM
5488	PCGF1	2	74732493	hnsc
5489	TLX2	2	74742781	lung
5490	TLX2	2	74742781	lung
5491	TLX2	2	74742781	lung
5492	DQX1	2	74749796	melanoma
5493	DQX1	2	74749796	melanoma
5494	AUP1	2	74755971	lung
5495	HTRA2	2	74759049	melanoma
5496	HTRA2	2	74759961	melanoma
5497	DOK1	2	74783543	melanoma
5498	DOK1	2	74783748	melanoma
5499	SEMA4F	2	74902413	melanoma
5500	SEMA4F	2	74907319	melanoma
5501	SEMA4F	2	74907319	melanoma
5502	HK2	2	75113620	IDHwt
5503	HK2	2	75113620	LGG GBM
5504	HK2	2	75113620	Mesenchymal
5505	HK2	2	75113620	Mesenchymal_like
5506	HK2	2	75115049	melanoma
5507	POLE4	2	75185880	bladder
5508	TACR1	2	75425690	lung
5509	EVA1A	2	75720534	melanoma

5510	LRRTM4	2	77746933	lung
5511	REG3G	2	79254289	lung
5512	REG3G	2	79255008	melanoma
5513	REG1B	2	79313569	melanoma
5514	REG3A	2	79385793	melanoma
5515	REG3A	2	79386522	melanoma
5516	CTNNA2	2	80085187	melanoma
5517	LRRTM1	2	80530785	melanoma
5518	CTNNA2	2	80772161	melanoma
5519	CTNNA2	2	80772161	melanoma
5520	CTNNA2	2	80816587	melanoma
5521	CTNNA2	2	80816587	melanoma
5522	CTNNA2	2	80874819	melanoma
5523	CTNNA2	2	80874842	lung
5524	DNAH6	2	84756232	melanoma
5525	DNAH6	2	84756232	melanoma
5526	DNAH6	2	84777120	melanoma
5527	DNAH6	2	84777120	melanoma
5528	DNAH6	2	84780081	melanoma
5529	DNAH6	2	84800666	melanoma
5530	DNAH6	2	84832684	melanoma
5531	TRABD2A	2	85097570	melanoma
5532	TCF7L1	2	85531092	melanoma
5533	TGOLN2	2	85553995	melanoma
5534	RETSAT	2	85571810	melanoma
5535	SH2D6	2	85663641	melanoma
5536	MAT2A	2	85768414	melanoma
5537	GGCX	2	85781283	melanoma
5538	GGCX	2	85788022	lung
5539	GGCX	2	85788031	lung
5540	RNF181	2	85824026	melanoma
5541	SFTP B	2	85889207	bladder
5542	SFTP B	2	85889207	bladder
5543	ATOH8	2	85982008	bladder
5544	ST3GAL5	2	86088359	melanoma
5545	POLR1A	2	86332838	melanoma
5546	POLR1A	2	86332838	melanoma
5547	PTCD3	2	86352174	melanoma
5548	IMMT	2	86408471	melanoma
5549	MP3;RNF103-CHI	2	86737512	melanoma
5550	RNF103	2	86831174	melanoma
5551	RNF103	2	86831523	lung
5552	RNF103	2	86831965	melanoma
5553	RMND5A	2	86947849	hnscc
5554	CD8B	2	87042791	melanoma
5555	CD8B	2	87042807	melanoma
5556	CD8B	2	87085203	melanoma
5557	FABP1	2	88424072	melanoma
5558	FABP1	2	88425819	melanoma
5559	TEX37	2	88828582	melanoma
5560	EIF2AK3	2	88861901	melanoma
5561	EIF2AK3	2	88874944	melanoma
5562	EIF2AK3	2	88874944	melanoma
5563	RPIA	2	89036102	lung
5564	RPIA	2	89049582	Astr
5565	RPIA	2	89049582	Astr
5566	RPIA	2	89049582	GCIMP_high
5567	RPIA	2	89049582	GCIMP_high

5568	RPIA	2	89049582	IDHmut
5569	RPIA	2	89049582	IDHmut
5570	RPIA	2	89049582	IDHmut_noncodel
5571	RPIA	2	89049582	IDHmut_noncodel
5572	RPIA	2	89049582	LGG GBM
5573	RPIA	2	89049582	LGG GBM
5574	RPIA	2	89049582	Proneural
5575	RPIA	2	89049582	Proneural
5576	TEKT4	2	95539765	Gbm
5577	TEKT4	2	95539765	IDHwt
5578	TEKT4	2	95539765	IDHwt_priGBM
5579	TEKT4	2	95539765	LGG GBM
5580	TEKT4	2	95539765	Mesenchymal
5581	TEKT4	2	95539765	Mesenchymal_like
5582	TEKT4	2	95539835	bladder
5583	TEKT4	2	95542422	Astr
5584	TEKT4	2	95542422	Astr
5585	TEKT4	2	95542422	GCIMP_high
5586	TEKT4	2	95542422	GCIMP_high
5587	TEKT4	2	95542422	IDHmut
5588	TEKT4	2	95542422	IDHmut
5589	TEKT4	2	95542422	IDHmut_noncodel
5590	TEKT4	2	95542422	IDHmut_noncodel
5591	TEKT4	2	95542422	LGG GBM
5592	TEKT4	2	95542422	LGG GBM
5593	TEKT4	2	95542422	Proneural
5594	TEKT4	2	95542422	Proneural
5595	TEKT4	2	95542476	IDHwt
5596	TEKT4	2	95542476	LGG GBM
5597	TEKT4	2	95542476	Neural
5598	TEKT4	2	95542476	Oligo
5599	TEKT4	2	95542476	PA_like
5600	ZNF514	2	95815739	melanoma
5601	ZNF514	2	95815739	melanoma
5602	ZNF2	2	95847411	melanoma
5603	PROM2	2	95954683	melanoma
5604	TRIM43	2	96260129	melanoma
5605	TRIM43	2	96260159	Codel
5606	TRIM43	2	96260159	IDHmut
5607	TRIM43	2	96260159	IDHmut_codel
5608	TRIM43	2	96260159	LGG GBM
5609	TRIM43	2	96260159	Proneural
5610	ANKRD36C	2	96589249	melanoma
5611	ANKRD36C	2	96589249	melanoma
5612	GPAT2	2	96690201	melanoma
5613	ASTL	2	96789962	melanoma
5614	ASTL	2	96795577	lung
5615	ASTL	2	96795577	lung
5616	STARD7	2	96858988	melanoma
5617	STARD7	2	96859014	lung
5618	SNRNP200	2	96944567	melanoma
5619	SNRNP200	2	96944567	melanoma
5620	SNRNP200	2	96944567	melanoma
5621	SNRNP200	2	96944567	melanoma
5622	SNRNP200	2	96949436	lung
5623	SNRNP200	2	96949570	melanoma
5624	SNRNP200	2	96950953	lung
5625	SNRNP200	2	96952085	melanoma

5626	SNRNP200	2	96952605	melanoma
5627	SNRNP200	2	96957611	melanoma
5628	SNRNP200	2	96965083	melanoma
5629	NCAPH	2	97007605	melanoma
5630	NCAPH	2	97017699	melanoma
5631	NCAPH	2	97035182	Gbm
5632	NCAPH	2	97035182	IDHwt
5633	NCAPH	2	97035182	IDHwt_priGBM
5634	NCAPH	2	97035182	LGG GBM
5635	NCAPH	2	97035182	Mesenchymal_like
5636	ARID5A	2	97217809	Astr
5637	ARID5A	2	97217809	GCIMP_high
5638	ARID5A	2	97217809	IDHmut
5639	ARID5A	2	97217809	IDHmut_noncodel
5640	ARID5A	2	97217809	LGG GBM
5641	ARID5A	2	97217809	Proneural
5642	KANSL3	2	97275270	melanoma
5643	KANSL3	2	97302758	hnsc
5644	LMAN2L	2	97373126	melanoma
5645	LMAN2L	2	97373126	melanoma
5646	CNNM3	2	97493608	melanoma
5647	CNNM3	2	97494361	melanoma
5648	SEMA4C	2	97532096	melanoma
5649	SEMA4C	2	97532096	melanoma
5650	FAM178B	2	97543715	melanoma
5651	FAM178B	2	97543715	melanoma
5652	ZAP70	2	98341558	lung
5653	ZAP70	2	98349452	melanoma
5654	TMEM131	2	98376153	melanoma
5655	TMEM131	2	98376153	melanoma
5656	TMEM131	2	98409388	melanoma
5657	TMEM131	2	98413960	melanoma
5658	TMEM131	2	98413960	melanoma
5659	TMEM131	2	98413960	melanoma
5660	TMEM131	2	98418894	lung
5661	TMEM131	2	98418894	lung
5662	TMEM131	2	98430469	bladder
5663	VWA3B	2	98709734	melanoma
5664	VWA3B	2	98809434	hnsc
5665	VWA3B	2	98809434	hnsc
5666	VWA3B	2	98851150	melanoma
5667	VWA3B	2	98916582	melanoma
5668	CNGA3	2	99013221	lung
5669	INPP4A	2	99152241	bladder
5670	INPP4A	2	99152241	bladder
5671	INPP4A	2	99204045	melanoma
5672	UNC50	2	99234703	melanoma
5673	MGAT4A	2	99279513	Astr
5674	MGAT4A	2	99279513	GCIMP_high
5675	MGAT4A	2	99279513	IDHmut
5676	MGAT4A	2	99279513	IDHmut_noncodel
5677	MGAT4A	2	99279513	LGG GBM
5678	MGAT4A	2	99279628	melanoma
5679	MGAT4A	2	99294796	melanoma
5680	KIAA1211L	2	99438704	melanoma
5681	TSGA10	2	99634675	melanoma
5682	MRPL30	2	99811636	Classic_like
5683	MRPL30	2	99811636	Gbm

5684	MRPL30	2	99811636	IDHwt
5685	MRPL30	2	99811636	IDHwt_priGBM
5686	MRPL30	2	99811636	LGG GBM
5687	MRPL30	2	99811636	Proneural
5688	LYG2	2	99861793	melanoma
5689	REV1	2	100065862	melanoma
5690	AFF3	2	100199436	lung
5691	AFF3	2	100209883	melanoma
5692	AFF3	2	100209883	melanoma
5693	LONRF2	2	100919481	lung
5694	TBC1D8	2	101638949	melanoma
5695	TBC1D8	2	101644806	melanoma
5696	TBC1D8	2	101652512	melanoma
5697	TBC1D8	2	101654934	melanoma
5698	RNF149	2	101893723	bladder
5699	MAP4K4	2	102480326	melanoma
5700	IL1R2	2	102644772	lung
5701	IL1RL2	2	102818122	Classic
5702	IL1RL2	2	102818122	IDHwt
5703	IL1RL2	2	102818122	LGG GBM
5704	IL1RL2	2	102818122	Oligo
5705	IL1RL2	2	102818122	PA_like
5706	IL1RL2	2	102836411	melanoma
5707	IL1RL2	2	102849575	melanoma
5708	IL1RL1	2	102955425	melanoma
5709	IL1RL1	2	102956584	Codel
5710	IL1RL1	2	102956584	IDHmut
5711	IL1RL1	2	102956584	IDHmut_codel
5712	IL1RL1	2	102956584	LGG GBM
5713	IL1RL1	2	102956584	Oligo
5714	IL1RL1	2	102956584	Proneural
5715	IL1RL1	2	102968156	melanoma
5716	IL18R1	2	102984390	Gbm
5717	IL18R1	2	102984390	Gbm
5718	IL18R1	2	102984390	IDHwt
5719	IL18R1	2	102984390	IDHwt
5720	IL18R1	2	102984390	IDHwt_priGBM
5721	IL18R1	2	102984390	IDHwt_priGBM
5722	IL18R1	2	102984390	LGG GBM
5723	IL18R1	2	102984390	LGG GBM
5724	IL18R1	2	102984390	Mesenchymal_like
5725	IL18R1	2	102984390	Mesenchymal_like
5726	IL18R1	2	102984390	Neural
5727	IL18R1	2	102984390	Neural
5728	IL18R1	2	103001419	melanoma
5729	IL18R1	2	103001419	melanoma
5730	IL18RAP	2	103061671	melanoma
5731	IL18RAP	2	103063587	lung
5732	SLC9A4	2	103095441	melanoma
5733	SLC9A4	2	103136386	lung
5734	SLC9A4	2	103141556	Gbm
5735	SLC9A4	2	103141556	IDHwt
5736	SLC9A4	2	103141556	IDHwt_priGBM
5737	SLC9A4	2	103141556	LGG GBM
5738	SLC9A4	2	103141556	Mesenchymal
5739	SLC9A4	2	103141556	Mesenchymal_like
5740	SLC9A4	2	103149061	Gbm
5741	SLC9A4	2	103149061	IDHwt

5742	SLC9A4	2	103149061	IDHwt_priGBM
5743	SLC9A4	2	103149061	LGG GBM
5744	SLC9A4	2	103149061	Proneural
5745	SLC9A2	2	103274275	melanoma
5746	SLC9A2	2	103281715	melanoma
5747	SLC9A2	2	103281725	melanoma
5748	MFSD9	2	103335367	Gbm
5749	MFSD9	2	103335367	IDHwt
5750	MFSD9	2	103335367	IDHwt_priGBM
5751	MFSD9	2	103335367	LGG GBM
5752	MFSD9	2	103335367	Mesenchymal
5753	MFSD9	2	103335367	Mesenchymal_like
5754	MFSD9	2	103340253	Gbm
5755	MFSD9	2	103340253	IDHwt
5756	MFSD9	2	103340253	IDHwt_priGBM
5757	MFSD9	2	103340253	LGG GBM
5758	MFSD9	2	103340253	LGM6_GBM
5759	TMEM182	2	103414336	melanoma
5760	GPR45	2	105858510	bladder
5761	GPR45	2	105858673	melanoma
5762	GPR45	2	105858985	Astr
5763	GPR45	2	105858985	GCIMP_high
5764	GPR45	2	105858985	IDHmut
5765	GPR45	2	105858985	IDHmut_noncodel
5766	GPR45	2	105858985	LGG GBM
5767	GPR45	2	105858985	Proneural
5768	GPR45	2	105859160	Classic
5769	GPR45	2	105859160	Classic like
5770	GPR45	2	105859160	Gbm
5771	GPR45	2	105859160	IDHwt
5772	GPR45	2	105859160	IDHwt_priGBM
5773	GPR45	2	105859160	LGG GBM
5774	GPR45	2	105859310	Gbm
5775	GPR45	2	105859310	IDHwt
5776	GPR45	2	105859310	IDHwt_priGBM
5777	GPR45	2	105859310	LGG GBM
5778	GPR45	2	105859310	Mesenchymal
5779	TGFBRAP1	2	105897161	melanoma
5780	TGFBRAP1	2	105924248	GCIMP_high
5781	TGFBRAP1	2	105924248	IDHmut
5782	TGFBRAP1	2	105924248	IDHmut_noncodel
5783	TGFBRAP1	2	105924248	LGG GBM
5784	TGFBRAP1	2	105924248	Proneural
5785	FHL2	2	106002934	melanoma
5786	C2orf40	2	106690449	melanoma
5787	UXS1	2	106781196	melanoma
5788	RGPD3	2	107029596	Astr
5789	RGPD3	2	107029596	GCIMP_high
5790	RGPD3	2	107029596	IDHmut
5791	RGPD3	2	107029596	IDHmut_noncodel
5792	RGPD3	2	107029596	LGG GBM
5793	RGPD3	2	107029596	Proneural
5794	RGPD3	2	107041089	bladder
5795	RGPD3	2	107042493	melanoma
5796	RGPD3	2	107042493	melanoma
5797	RGPD3	2	107042493	melanoma
5798	RGPD3	2	107084686	melanoma
5799	RGPD3	2	107084711	melanoma

5800	ST6GAL2	2	107459875	melanoma
5801	ST6GAL2	2	107460088	Classic_like
5802	ST6GAL2	2	107460088	Gbm
5803	ST6GAL2	2	107460088	IDHwt
5804	ST6GAL2	2	107460088	IDHwt_priGBM
5805	ST6GAL2	2	107460088	LGG GBM
5806	ST6GAL2	2	107460088	Mesenchymal
5807	ST6GAL2	2	107460330	melanoma
5808	ST6GAL2	2	107460330	melanoma
5809	RGPD4	2	108455290	melanoma
5810	RGPD4	2	108455335	Classic
5811	RGPD4	2	108455335	Classic_like
5812	RGPD4	2	108455335	Gbm
5813	RGPD4	2	108455335	IDHwt
5814	RGPD4	2	108455335	IDHwt_priGBM
5815	RGPD4	2	108455335	LGG GBM
5816	RGPD4	2	108475926	melanoma
5817	RGPD4	2	108475926	melanoma
5818	RGPD4	2	108476242	melanoma
5819	RGPD4	2	108476242	melanoma
5820	RGPD4	2	108476242	melanoma
5821	RGPD4	2	108476242	melanoma
5822	RGPD4	2	108489210	lung
5823	RGPD4	2	108496522	melanoma
5824	RGPD4	2	108496522	melanoma
5825	RGPD4	2	108496544	lung
5826	SLC5A7	2	108625125	melanoma
5827	SLC5A7	2	108626770	Gbm
5828	SLC5A7	2	108626770	IDHwt
5829	SLC5A7	2	108626770	IDHwt_priGBM
5830	SLC5A7	2	108626770	LGG GBM
5831	SLC5A7	2	108626770	Proneural
5832	SULT1C3	2	108872146	melanoma
5833	SULT1C2	2	108917356	melanoma
5834	SULT1C4	2	108999628	melanoma
5835	SULT1C4	2	108999628	melanoma
5836	GCC2	2	109092033	Classic
5837	GCC2	2	109092033	Classic_like
5838	GCC2	2	109092033	Gbm
5839	GCC2	2	109092033	IDHwt
5840	GCC2	2	109092033	IDHwt_priGBM
5841	GCC2	2	109092033	LGG GBM
5842	GCC2	2	109113524	melanoma
5843	RANBP2	2	109345598	hnscc
5844	RANBP2	2	109365501	melanoma
5845	RANBP2	2	109380771	melanoma
5846	RANBP2	2	109382280	melanoma
5847	RANBP2	2	109382289	melanoma
5848	RANBP2	2	109382856	melanoma
5849	RANBP2	2	109384527	lung
5850	RANBP2	2	109384632	lung
5851	RANBP2	2	109384632	lung
5852	RANBP2	2	109384632	lung
5853	RANBP2	2	109384632	lung
5854	RANBP2	2	109384812	melanoma
5855	RANBP2	2	109384812	melanoma
5856	CCDC138	2	109432547	melanoma
5857	EDAR	2	109522815	Classic_like

5858	EDAR	2	109522815	Gbm
5859	EDAR	2	109522815	IDHwt
5860	EDAR	2	109522815	IDHwt_priGBM
5861	EDAR	2	109522815	LGG GBM
5862	NPHP1	2	110881472	melanoma
5863	NPHP1	2	110881478	lung
5864	NPHP1	2	110920648	bladder
5865	NPHP1	2	110920648	bladder
5866	BUB1	2	111399758	melanoma
5867	BUB1	2	111408321	lung
5868	BUB1	2	111423902	GCIMP_high
5869	BUB1	2	111423902	IDHmut
5870	BUB1	2	111423902	IDHmut_noncodel
5871	BUB1	2	111423902	LGG GBM
5872	BUB1	2	111423902	OligoAstr
5873	BUB1	2	111423902	Proneural
5874	BUB1	2	111425244	melanoma
5875	BUB1	2	111430260	melanoma
5876	ACOXL	2	111562956	IDHwt
5877	ACOXL	2	111562956	LGG GBM
5878	ACOXL	2	111562956	OligoAstr
5879	ACOXL	2	111562956	PA_like
5880	ACOXL	2	111562956	Proneural
5881	ACOXL	2	111850457	melanoma
5882	ACOXL	2	111850527	Classic_like
5883	ACOXL	2	111850527	Classic_like
5884	ACOXL	2	111850527	Gbm
5885	ACOXL	2	111850527	Gbm
5886	ACOXL	2	111850527	IDHwt
5887	ACOXL	2	111850527	IDHwt
5888	ACOXL	2	111850527	IDHwt_priGBM
5889	ACOXL	2	111850527	IDHwt_priGBM
5890	ACOXL	2	111850527	LGG GBM
5891	ACOXL	2	111850527	LGG GBM
5892	ACOXL	2	111850527	Proneural
5893	ACOXL	2	111850527	Proneural
5894	ANAPC1	2	112550125	melanoma
5895	ANAPC1	2	112592227	melanoma
5896	ANAPC1	2	112608411	melanoma
5897	ANAPC1	2	112614229	melanoma
5898	MERTK	2	112686790	melanoma
5899	MERTK	2	112786388	melanoma
5900	MERTK	2	112786391	melanoma
5901	TMEM87B	2	112817564	melanoma
5902	FBLN7	2	112896270	lung
5903	FBLN7	2	112896270	lung
5904	ZC3H6	2	113069417	melanoma
5905	ZC3H6	2	113069417	melanoma
5906	ZC3H6	2	113081907	melanoma
5907	ZC3H6	2	113089674	melanoma
5908	POLR1B	2	113316941	melanoma
5909	IL1A	2	113535649	melanoma
5910	IL1A	2	113535649	melanoma
5911	IL1B	2	113590993	melanoma
5912	IL36G	2	113742450	melanoma
5913	IL36A	2	113763662	melanoma
5914	IL36A	2	113763662	melanoma
5915	IL36B	2	113786607	melanoma

5916	IL36B	2	113786623	melanoma
5917	IL36RN	2	113820090	melanoma
5918	PSD4	2	113940791	Gbm
5919	PSD4	2	113940791	IDHwt
5920	PSD4	2	113940791	IDHwt_priGBM
5921	PSD4	2	113940791	LGG GBM
5922	PSD4	2	113940791	LGm6_GBM
5923	PSD4	2	113940988	melanoma
5924	PSD4	2	113943006	melanoma
5925	PAX8	2	113993045	melanoma
5926	PAX8	2	113993045	melanoma
5927	PAX8	2	113993096	melanoma
5928	PAX8	2	113993096	melanoma
5929	FOXD4L1	2	114257156	melanoma
5930	SLC35F5	2	114476792	melanoma
5931	SLC35F5	2	114480706	Astr
5932	SLC35F5	2	114480706	GCIMP_high
5933	SLC35F5	2	114480706	IDHmut
5934	SLC35F5	2	114480706	IDHmut_noncodel
5935	SLC35F5	2	114480706	LGG GBM
5936	SLC35F5	2	114480706	Proneural
5937	ACTR3	2	114670783	melanoma
5938	ACTR3	2	114674569	melanoma
5939	ACTR3	2	114674569	melanoma
5940	DPP10	2	116066854	melanoma
5941	DPP10	2	116066926	melanoma
5942	DPP10	2	116101477	lung
5943	DPP10	2	116447456	Classic
5944	DPP10	2	116447456	Gbm
5945	DPP10	2	116447456	IDHwt
5946	DPP10	2	116447456	IDHwt_priGBM
5947	DPP10	2	116447456	LGG GBM
5948	DPP10	2	116447456	Mesenchymal_like
5949	DPP10	2	116538514	Astr
5950	DPP10	2	116538514	GCIMP_high
5951	DPP10	2	116538514	IDHmut
5952	DPP10	2	116538514	IDHmut_noncodel
5953	DPP10	2	116538514	LGG GBM
5954	DPP10	2	116538514	Proneural
5955	DPP10	2	116548671	melanoma
5956	DPP10	2	116593818	Gbm
5957	DPP10	2	116593818	IDHwt
5958	DPP10	2	116593818	IDHwt_priGBM
5959	DPP10	2	116593818	LGG GBM
5960	DPP10	2	116593818	Mesenchymal
5961	DPP10	2	116593818	Mesenchymal_like
5962	MARCO	2	119727713	melanoma
5963	MARCO	2	119739969	melanoma
5964	STEAP3	2	120003146	melanoma
5965	CFAP221	2	120369295	Classic_like
5966	CFAP221	2	120369295	Gbm
5967	CFAP221	2	120369295	IDHwt
5968	CFAP221	2	120369295	IDHwt_priGBM
5969	CFAP221	2	120369295	LGG GBM
5970	CFAP221	2	120369295	Mesenchymal
5971	TMEM177	2	120439264	Astr
5972	TMEM177	2	120439264	IDHwt
5973	TMEM177	2	120439264	LGG GBM

5974	TMEM177	2	120439264	Neural
5975	TMEM177	2	120439264	PA_like
5976	PTPN4	2	120677810	melanoma
5977	GLI2	2	121554948	lung
5978	GLI2	2	121685014	melanoma
5979	GLI2	2	121685014	melanoma
5980	GLI2	2	121685032	Codel
5981	GLI2	2	121685032	IDHmut
5982	GLI2	2	121685032	IDHmut_codel
5983	GLI2	2	121685032	LGG GBM
5984	GLI2	2	121685032	Oligo
5985	GLI2	2	121685032	Proneural
5986	GLI2	2	121748070	Gbm
5987	GLI2	2	121748070	IDHwt
5988	GLI2	2	121748070	IDHwt_priGBM
5989	GLI2	2	121748070	LGG GBM
5990	GLI2	2	121748070	Mesenchymal_like
5991	GLI2	2	121748124	melanoma
5992	GLI2	2	121748139	melanoma
5993	TFCP2L1	2	122005753	melanoma
5994	CLASP1	2	122125358	IDHwt_priGBM2
5995	CLASP1	2	122204918	melanoma
5996	CLASP1	2	122204918	melanoma
5997	TSN	2	122520619	melanoma
5998	CNTNAP5	2	124979330	melanoma
5999	CNTNAP5	2	125192198	melanoma
6000	CNTNAP5	2	125261885	melanoma
6001	CNTNAP5	2	125281931	bladder
6002	CNTNAP5	2	125504853	Classic_like
6003	CNTNAP5	2	125504853	Gbm
6004	CNTNAP5	2	125504853	IDHwt
6005	CNTNAP5	2	125504853	IDHwt_priGBM
6006	CNTNAP5	2	125504853	LGG GBM
6007	CNTNAP5	2	125521622	melanoma
6008	CNTNAP5	2	125521641	melanoma
6009	CNTNAP5	2	125530547	melanoma
6010	CNTNAP5	2	125671838	lung
6011	BIN1	2	127806130	melanoma
6012	CYP27C1	2	127952921	melanoma
6013	CYP27C1	2	127958713	melanoma
6014	ERCC3	2	128047037	melanoma
6015	IWS1	2	128250880	melanoma
6016	MYO7B	2	128327441	melanoma
6017	MYO7B	2	128341887	melanoma
6018	MYO7B	2	128342434	melanoma
6019	MYO7B	2	128381751	lung
6020	WDR33	2	128467153	melanoma
6021	AMMECR1L	2	128628480	melanoma
6022	UGGT1	2	128917131	melanoma
6023	UGGT1	2	128917131	melanoma
6024	UGGT1	2	128939777	Classic
6025	UGGT1	2	128939777	Gbm
6026	UGGT1	2	128939777	IDHwt
6027	UGGT1	2	128939777	IDHwt_priGBM
6028	UGGT1	2	128939777	LGG GBM
6029	UGGT1	2	128939777	Mesenchymal_like
6030	UGGT1	2	128941338	melanoma
6031	HS6ST1	2	129026325	melanoma

6032	POTEF	2	130832430	lung
6033	POTEF	2	130832430	lung
6034	POTEF	2	130832809	melanoma
6035	CCDC74B	2	130897790	melanoma
6036	SMPD4	2	130910903	bladder
6037	SMPD4	2	130913647	melanoma
6038	SMPD4	2	130925159	lung
6039	TUBA3E	2	130951687	lung
6040	TUBA3E	2	130951687	lung
6041	TUBA3E	2	130951703	melanoma
6042	PTPN18	2	131116491	Astr
6043	PTPN18	2	131116491	GCIMP_high
6044	PTPN18	2	131116491	IDHmut
6045	PTPN18	2	131116491	IDHmut_noncodel
6046	PTPN18	2	131116491	LGG GBM
6047	PTPN18	2	131116491	Proneural
6048	PTPN18	2	131128814	bladder
6049	PTPN18	2	131128814	bladder
6050	AMER3	2	131519766	melanoma
6051	AMER3	2	131521009	Astr
6052	AMER3	2	131521009	Astr
6053	AMER3	2	131521009	GCIMP_high
6054	AMER3	2	131521009	GCIMP_high
6055	AMER3	2	131521009	IDHmut
6056	AMER3	2	131521009	IDHmut
6057	AMER3	2	131521009	IDHmut_noncodel
6058	AMER3	2	131521009	IDHmut_noncodel
6059	AMER3	2	131521009	LGG GBM
6060	AMER3	2	131521009	LGG GBM
6061	AMER3	2	131521548	melanoma
6062	ARHGEF4	2	131802995	Codel
6063	ARHGEF4	2	131802995	IDHmut
6064	ARHGEF4	2	131802995	IDHmut_codel
6065	ARHGEF4	2	131802995	LGG GBM
6066	ARHGEF4	2	131802995	Oligo
6067	ARHGEF4	2	131802995	Proneural
6068	FAM168B	2	131812908	melanoma
6069	FAM168B	2	131829503	melanoma
6070	FAM168B	2	131829503	melanoma
6071	FAM168B	2	131829503	melanoma
6072	POTEE	2	132010557	lung
6073	POTEE	2	132020967	melanoma
6074	POTEE	2	132020985	melanoma
6075	POTEE	2	132021517	lung
6076	POTEE	2	132021517	lung
6077	POTEE	2	132021601	melanoma
6078	POTEE	2	132021601	melanoma
6079	TUBA3D	2	132237787	melanoma
6080	GPR39	2	133174844	melanoma
6081	NCKAP5	2	133489345	melanoma
6082	NCKAP5	2	133540786	melanoma
6083	NCKAP5	2	133541943	melanoma
6084	NCKAP5	2	133543035	melanoma
6085	NCKAP5	2	133887638	melanoma
6086	MGAT5	2	135095839	melanoma
6087	MGAT5	2	135199369	melanoma
6088	TMEM163	2	135308175	melanoma
6089	ACMSD	2	135621190	melanoma

6090	ACMSD	2	135621190	melanoma
6091	MAP3K19	2	135740816	melanoma
6092	MAP3K19	2	135740816	melanoma
6093	MAP3K19	2	135740816	melanoma
6094	MAP3K19	2	135740816	melanoma
6095	MAP3K19	2	135744754	GCIMP_high
6096	MAP3K19	2	135744754	IDHmut
6097	MAP3K19	2	135744754	IDHmut_noncodel
6098	MAP3K19	2	135744754	LGG GBM
6099	MAP3K19	2	135744754	OligoAstr
6100	MAP3K19	2	135744754	Proneural
6101	MAP3K19	2	135756431	melanoma
6102	MAP3K19	2	135756509	melanoma
6103	RAB3GAP1	2	135870786	melanoma
6104	RAB3GAP1	2	135870786	melanoma
6105	RAB3GAP1	2	135920565	melanoma
6106	ZRANB3	2	135965224	Gbm
6107	ZRANB3	2	135965224	IDHmut
6108	ZRANB3	2	135965224	IDHmut_noncodel
6109	ZRANB3	2	135965224	LGG GBM
6110	ZRANB3	2	135965366	melanoma
6111	R3HDM1	2	136399130	lung
6112	R3HDM1	2	136402966	melanoma
6113	LCT	2	136548318	melanoma
6114	LCT	2	136564883	melanoma
6115	LCT	2	136564883	melanoma
6116	LCT	2	136566277	IDHwt_priGBM2
6117	LCT	2	136566649	melanoma
6118	LCT	2	136566877	melanoma
6119	LCT	2	136567498	melanoma
6120	LCT	2	136570133	melanoma
6121	LCT	2	136590726	melanoma
6122	LCT	2	136590726	melanoma
6123	LCT	2	136594292	melanoma
6124	LCT	2	136594412	melanoma
6125	LCT	2	136594412	melanoma
6126	LCT	2	136594412	melanoma
6127	MCM6	2	136610407	melanoma
6128	MCM6	2	136610407	melanoma
6129	THSD7B	2	137814058	melanoma
6130	THSD7B	2	137814058	melanoma
6131	THSD7B	2	137814169	melanoma
6132	THSD7B	2	137814350	melanoma
6133	THSD7B	2	137814704	melanoma
6134	THSD7B	2	137814704	melanoma
6135	THSD7B	2	137814764	melanoma
6136	THSD7B	2	137814764	melanoma
6137	THSD7B	2	138169421	melanoma
6138	THSD7B	2	138208496	melanoma
6139	THSD7B	2	138373853	melanoma
6140	THSD7B	2	138400076	melanoma
6141	THSD7B	2	138400162	GCIMP_high
6142	THSD7B	2	138400162	IDHmut
6143	THSD7B	2	138400162	IDHmut_noncodel
6144	THSD7B	2	138400162	LGG GBM
6145	THSD7B	2	138400162	OligoAstr
6146	THSD7B	2	138400162	Proneural
6147	THSD7B	2	138434132	melanoma

6148	HNMT	2	138762763	melanoma
6149	SPOPL	2	139316754	melanoma
6150	SPOPL	2	139326525	melanoma
6151	NXPH2	2	139429072	melanoma
6152	LRP1B	2	141081531	bladder
6153	LRP1B	2	141081588	melanoma
6154	LRP1B	2	141081588	melanoma
6155	LRP1B	2	141232857	melanoma
6156	LRP1B	2	141259272	lung
6157	LRP1B	2	141359194	melanoma
6158	LRP1B	2	141474286	melanoma
6159	LRP1B	2	141597638	lung
6160	LRP1B	2	141607724	melanoma
6161	LRP1B	2	141625329	melanoma
6162	LRP1B	2	141625329	melanoma
6163	LRP1B	2	141641542	melanoma
6164	LRP1B	2	141665538	melanoma
6165	LRP1B	2	141665538	melanoma
6166	LRP1B	2	141751663	lung
6167	LRP1B	2	141777504	melanoma
6168	LRP1B	2	141806746	melanoma
6169	LRP1B	2	141806746	melanoma
6170	LRP1B	2	141946068	melanoma
6171	LRP1B	2	141946068	melanoma
6172	LRP1B	2	141986760	melanoma
6173	LRP1B	2	142567938	Codel
6174	LRP1B	2	142567938	Codel
6175	LRP1B	2	142567938	Codel
6176	LRP1B	2	142567938	IDHmut
6177	LRP1B	2	142567938	IDHmut
6178	LRP1B	2	142567938	IDHmut
6179	LRP1B	2	142567938	IDHmut_codel
6180	LRP1B	2	142567938	IDHmut_codel
6181	LRP1B	2	142567938	IDHmut_codel
6182	LRP1B	2	142567938	LGG GBM
6183	LRP1B	2	142567938	LGG GBM
6184	LRP1B	2	142567938	LGG GBM
6185	LRP1B	2	142567938	Oligo
6186	LRP1B	2	142567938	Oligo
6187	LRP1B	2	142567938	Oligo
6188	LRP1B	2	142567938	Proneural
6189	LRP1B	2	142567938	Proneural
6190	LRP1B	2	142567938	Proneural
6191	KYNU	2	143643082	melanoma
6192	KYNU	2	143643082	melanoma
6193	KYNU	2	143643093	melanoma
6194	KYNU	2	143713833	melanoma
6195	KYNU	2	143742735	lung
6196	KYNU	2	143799731	bladder
6197	ZEB2	2	145154008	melanoma
6198	ZEB2	2	145154008	melanoma
6199	ZEB2	2	145157730	Astr
6200	ZEB2	2	145157730	GCIMP_high
6201	ZEB2	2	145157730	IDHmut
6202	ZEB2	2	145157730	IDHmut_noncodel
6203	ZEB2	2	145157730	LGG GBM
6204	ZEB2	2	145157730	Proneural
6205	ZEB2	2	145187380	melanoma

6206	ACVR2A	2	148657367	melanoma
6207	ORC4	2	148696736	lung
6208	ORC4	2	148705784	melanoma
6209	ORC4	2	148710052	bladder
6210	MBD5	2	149216392	melanoma
6211	MBD5	2	149247382	melanoma
6212	KIF5C	2	149829990	melanoma
6213	LYPD6B	2	150071213	melanoma
6214	LYPD6	2	150327201	melanoma
6215	NMI	2	152135416	melanoma
6216	TNFAIP6	2	152214236	melanoma
6217	TNFAIP6	2	152222603	melanoma
6218	RIF1	2	152273180	melanoma
6219	RIF1	2	152317668	melanoma
6220	RIF1	2	152317668	melanoma
6221	RIF1	2	152319663	melanoma
6222	RIF1	2	152319674	melanoma
6223	RIF1	2	152319749	melanoma
6224	NEB	2	152348915	IDHwt
6225	NEB	2	152348915	LGG GBM
6226	NEB	2	152348915	Mesenchymal_like
6227	NEB	2	152382539	melanoma
6228	NEB	2	152382539	melanoma
6229	NEB	2	152397234	melanoma
6230	NEB	2	152397234	melanoma
6231	NEB	2	152404198	melanoma
6232	NEB	2	152418674	melanoma
6233	NEB	2	152426609	melanoma
6234	NEB	2	152426609	melanoma
6235	NEB	2	152426707	melanoma
6236	NEB	2	152432286	melanoma
6237	NEB	2	152496450	melanoma
6238	NEB	2	152496882	melanoma
6239	NEB	2	152500514	lung
6240	NEB	2	152500514	lung
6241	NEB	2	152510540	melanoma
6242	NEB	2	152527692	melanoma
6243	NEB	2	152534273	melanoma
6244	NEB	2	152534533	melanoma
6245	NEB	2	152551076	melanoma
6246	CACNB4	2	152727109	melanoma
6247	FMNL2	2	153399316	Gbm
6248	FMNL2	2	153399316	IDHwt
6249	FMNL2	2	153399316	IDHwt_priGBM
6250	FMNL2	2	153399316	LGG GBM
6251	FMNL2	2	153399316	LGm6_GBM
6252	FMNL2	2	153473609	melanoma
6253	GALNT13	2	155099289	melanoma
6254	GALNT13	2	155102473	melanoma
6255	GALNT13	2	155102473	melanoma
6256	GALNT13	2	155265584	lung
6257	GALNT13	2	155265584	lung
6258	NR4A2	2	157186316	bladder
6259	GPD2	2	157406186	lung
6260	CYTIP	2	158272325	melanoma
6261	CYTIP	2	158287083	melanoma
6262	ACVR1C	2	158395183	melanoma
6263	ACVR1C	2	158395183	melanoma

6264	ACVR1	2	158617413	melanoma
6265	UPP2	2	158974393	melanoma
6266	PKP4	2	159481606	melanoma
6267	PKP4	2	159481607	melanoma
6268	PKP4	2	159519466	melanoma
6269	DAPL1	2	159672269	lung
6270	DAPL1	2	159672269	lung
6271	TANC1	2	160050870	GCIMP_high
6272	TANC1	2	160050870	IDHmut
6273	TANC1	2	160050870	IDHmut_noncodel
6274	TANC1	2	160050870	LGG GBM
6275	TANC1	2	160050870	OligoAstr
6276	TANC1	2	160050870	Proneural
6277	TANC1	2	160086574	melanoma
6278	TANC1	2	160086574	melanoma
6279	BAZ2B	2	160189103	melanoma
6280	BAZ2B	2	160206682	melanoma
6281	BAZ2B	2	160289825	melanoma
6282	BAZ2B	2	160304798	melanoma
6283	LY75;LY75-CD302	2	160663489	melanoma
6284	LY75;LY75-CD302	2	160663489	melanoma
6285	LY75;LY75-CD302	2	160673448	melanoma
6286	LY75;LY75-CD302	2	160673493	melanoma
6287	LY75;LY75-CD302	2	160738661	melanoma
6288	LY75;LY75-CD302	2	160755444	Classic
6289	LY75;LY75-CD302	2	160755444	Classic_like
6290	LY75;LY75-CD302	2	160755444	Gbm
6291	LY75;LY75-CD302	2	160755444	IDHwt
6292	LY75;LY75-CD302	2	160755444	IDHwt_priGBM
6293	LY75;LY75-CD302	2	160755444	LGG GBM
6294	PLA2R1	2	160811743	melanoma
6295	PLA2R1	2	160812271	melanoma
6296	PLA2R1	2	160884803	melanoma
6297	PLA2R1	2	160898568	melanoma
6298	RBMS1	2	161135075	Astr
6299	RBMS1	2	161135075	GCIMP_high
6300	RBMS1	2	161135075	IDHmut
6301	RBMS1	2	161135075	IDHmut_noncodel
6302	RBMS1	2	161135075	LGG GBM
6303	RBMS1	2	161135075	Neural
6304	TBR1	2	162273423	melanoma
6305	TBR1	2	162280004	Classic
6306	TBR1	2	162280004	Gbm
6307	TBR1	2	162280004	IDHwt
6308	TBR1	2	162280004	IDHwt_priGBM
6309	TBR1	2	162280004	LGG GBM
6310	SLC4A10	2	162805662	melanoma
6311	DPP4	2	162868424	melanoma
6312	DPP4	2	162868424	melanoma
6313	DPP4	2	162868424	melanoma
6314	DPP4	2	162890087	melanoma
6315	DPP4	2	162890087	melanoma
6316	DPP4	2	162891832	melanoma
6317	FAP	2	163051255	melanoma
6318	FAP	2	163051255	melanoma
6319	FAP	2	163074507	melanoma
6320	FAP	2	163074606	melanoma
6321	IFIH1	2	163124706	Codel

6322	IFIH1	2	163124706	IDHmut
6323	IFIH1	2	163124706	IDHmut_codel
6324	IFIH1	2	163124706	LGG GBM
6325	IFIH1	2	163124706	OligoAstr
6326	IFIH1	2	163133297	melanoma
6327	KCNH7	2	163292065	melanoma
6328	KCNH7	2	163292065	melanoma
6329	KCNH7	2	163292068	melanoma
6330	KCNH7	2	163302644	melanoma
6331	KCNH7	2	163374383	Classic_like
6332	KCNH7	2	163374383	Classic_like
6333	KCNH7	2	163374383	Gbm
6334	KCNH7	2	163374383	Gbm
6335	KCNH7	2	163374383	IDHwt
6336	KCNH7	2	163374383	IDHwt
6337	KCNH7	2	163374383	IDHwt_priGBM
6338	KCNH7	2	163374383	IDHwt_priGBM
6339	KCNH7	2	163374383	LGG GBM
6340	KCNH7	2	163374383	LGG GBM
6341	KCNH7	2	163374452	melanoma
6342	KCNH7	2	163374597	melanoma
6343	KCNH7	2	163374644	melanoma
6344	KCNH7	2	163693155	melanoma
6345	FIGN	2	164467504	melanoma
6346	GRB14	2	165358787	lung
6347	COBLL1	2	165551680	melanoma
6348	COBLL1	2	165578625	melanoma
6349	SLC38A11	2	165754975	bladder
6350	SLC38A11	2	165754975	bladder
6351	SLC38A11	2	165754975	bladder
6352	SLC38A11	2	165754975	bladder
6353	SCN3A	2	165947645	melanoma
6354	SCN3A	2	165947792	melanoma
6355	SCN3A	2	165948997	melanoma
6356	SCN3A	2	165952115	Classic_like
6357	SCN3A	2	165952115	Classic_like
6358	SCN3A	2	165952115	Gbm
6359	SCN3A	2	165952115	Gbm
6360	SCN3A	2	165952115	IDHwt
6361	SCN3A	2	165952115	IDHwt
6362	SCN3A	2	165952115	IDHwt_priGBM
6363	SCN3A	2	165952115	IDHwt_priGBM
6364	SCN3A	2	165952115	LGG GBM
6365	SCN3A	2	165952115	LGG GBM
6366	SCN3A	2	165952137	melanoma
6367	SCN3A	2	165970378	GCIMP_high
6368	SCN3A	2	165970378	IDHmut
6369	SCN3A	2	165970378	IDHmut_noncodel
6370	SCN3A	2	165970378	LGG GBM
6371	SCN3A	2	165970378	Neural
6372	SCN3A	2	165970378	OligoAstr
6373	SCN3A	2	165984374	melanoma
6374	SCN3A	2	165984374	melanoma
6375	SCN3A	2	165986781	melanoma
6376	SCN3A	2	165986781	melanoma
6377	SCN3A	2	165987873	melanoma
6378	SCN3A	2	165994396	melanoma
6379	SCN3A	2	165994469	melanoma

6380	SCN3A	2	165994493	melanoma
6381	SCN3A	2	165994501	melanoma
6382	SCN3A	2	165996030	Gbm
6383	SCN3A	2	165996030	IDHwt
6384	SCN3A	2	165996030	IDHwt_priGBM
6385	SCN3A	2	165996030	LGG GBM
6386	SCN3A	2	165996030	Mesenchymal_like
6387	SCN3A	2	165996030	Proneural
6388	SCN3A	2	166010994	Codel
6389	SCN3A	2	166010994	IDHmut
6390	SCN3A	2	166010994	IDHmut_codel
6391	SCN3A	2	166010994	LGG GBM
6392	SCN3A	2	166010994	Oligo
6393	SCN3A	2	166032699	melanoma
6394	SCN3A	2	166032699	melanoma
6395	SCN3A	2	166032811	lung
6396	SCN2A	2	166153576	melanoma
6397	SCN2A	2	166165719	melanoma
6398	SCN2A	2	166170434	melanoma
6399	SCN2A	2	166179846	melanoma
6400	SCN2A	2	166211119	bladder
6401	SCN2A	2	166245255	melanoma
6402	GALNT3	2	166613637	melanoma
6403	GALNT3	2	166615345	melanoma
6404	SCN1A	2	166848638	lung
6405	SCN1A	2	166848638	lung
6406	SCN1A	2	166848638	lung
6407	SCN1A	2	166897764	Astr
6408	SCN1A	2	166897764	Astr
6409	SCN1A	2	166897764	GCIMP_high
6410	SCN1A	2	166897764	GCIMP_high
6411	SCN1A	2	166897764	IDHmut
6412	SCN1A	2	166897764	IDHmut
6413	SCN1A	2	166897764	IDHmut_noncodel
6414	SCN1A	2	166897764	IDHmut_noncodel
6415	SCN1A	2	166897764	LGG GBM
6416	SCN1A	2	166897764	LGG GBM
6417	SCN1A	2	166897764	Mesenchymal
6418	SCN1A	2	166897764	Mesenchymal
6419	SCN1A	2	166898813	melanoma
6420	SCN1A	2	166898813	melanoma
6421	SCN1A	2	166903414	melanoma
6422	SCN1A	2	166911221	melanoma
6423	SCN9A	2	167055411	melanoma
6424	SCN9A	2	167055444	Gbm
6425	SCN9A	2	167055444	IDHwt
6426	SCN9A	2	167055444	IDHwt_priGBM
6427	SCN9A	2	167055444	LGG GBM
6428	SCN9A	2	167055444	Mesenchymal
6429	SCN9A	2	167055444	Gbm
6430	SCN9A	2	167055444	IDHwt
6431	SCN9A	2	167055444	IDHwt_priGBM
6432	SCN9A	2	167055444	LGG GBM
6433	SCN9A	2	167055444	Mesenchymal
6434	SCN9A	2	167055444	Mesenchymal_like
6435	SCN9A	2	167055792	melanoma
6436	SCN9A	2	167055868	melanoma
6437	SCN9A	2	167056360	melanoma

6438	SCN9A	2	167056360	melanoma
6439	SCN9A	2	167141183	Gbm
6440	SCN9A	2	167141183	IDHwt
6441	SCN9A	2	167141183	IDHwt_priGBM
6442	SCN9A	2	167141183	LGG GBM
6443	SCN9A	2	167141183	Mesenchymal
6444	SCN9A	2	167141183	Mesenchymal_like
6445	SCN7A	2	167289018	melanoma
6446	SCN7A	2	167304137	melanoma
6447	SCN7A	2	167304137	melanoma
6448	SCN7A	2	167313525	melanoma
6449	SCN7A	2	167322015	melanoma
6450	SCN7A	2	167322015	melanoma
6451	SCN7A	2	167322479	melanoma
6452	SCN7A	2	167327191	Gbm
6453	SCN7A	2	167327191	IDHwt
6454	SCN7A	2	167327191	IDHwt_priGBM
6455	SCN7A	2	167327191	LGG GBM
6456	SCN7A	2	167327191	Mesenchymal
6457	SCN7A	2	167334074	melanoma
6458	XIRP2	2	168074745	melanoma
6459	XIRP2	2	168099290	melanoma
6460	XIRP2	2	168099601	melanoma
6461	XIRP2	2	168101234	melanoma
6462	XIRP2	2	168101234	melanoma
6463	XIRP2	2	168101488	melanoma
6464	XIRP2	2	168102275	melanoma
6465	XIRP2	2	168102275	melanoma
6466	XIRP2	2	168102424	melanoma
6467	XIRP2	2	168102424	melanoma
6468	XIRP2	2	168102494	lung
6469	XIRP2	2	168102914	melanoma
6470	XIRP2	2	168102991	melanoma
6471	XIRP2	2	168103529	melanoma
6472	XIRP2	2	168104311	melanoma
6473	XIRP2	2	168104845	melanoma
6474	XIRP2	2	168104882	melanoma
6475	XIRP2	2	168104882	melanoma
6476	XIRP2	2	168104882	melanoma
6477	XIRP2	2	168105145	melanoma
6478	XIRP2	2	168105145	melanoma
6479	XIRP2	2	168105848	melanoma
6480	XIRP2	2	168105937	melanoma
6481	XIRP2	2	168106685	melanoma
6482	XIRP2	2	168114674	melanoma
6483	XIRP2	2	168114677	melanoma
6484	G6PC2	2	169757933	lung
6485	G6PC2	2	169763187	melanoma
6486	G6PC2	2	169763187	melanoma
6487	G6PC2	2	169764458	melanoma
6488	ABCB11	2	169842787	melanoma
6489	ABCB11	2	169847330	melanoma
6490	ABCB11	2	169850255	Classic
6491	ABCB11	2	169850255	Gbm
6492	ABCB11	2	169850255	IDHwt
6493	ABCB11	2	169850255	IDHwt_priGBM
6494	ABCB11	2	169850255	LGG GBM
6495	ABCB11	2	169850255	Mesenchymal_like

6496	LRP2	2	169993979	melanoma
6497	LRP2	2	169995791	melanoma
6498	LRP2	2	170003309	melanoma
6499	LRP2	2	170028600	melanoma
6500	LRP2	2	170044543	melanoma
6501	LRP2	2	170053429	melanoma
6502	LRP2	2	170062875	melanoma
6503	LRP2	2	170062875	melanoma
6504	LRP2	2	170063011	melanoma
6505	LRP2	2	170063040	melanoma
6506	LRP2	2	170077061	melanoma
6507	LRP2	2	170077061	melanoma
6508	LRP2	2	170083039	melanoma
6509	LRP2	2	170089960	melanoma
6510	LRP2	2	170093622	Astr
6511	LRP2	2	170093622	IDHwt
6512	LRP2	2	170093622	LGG GBM
6513	LRP2	2	170093622	PA_like
6514	LRP2	2	170093674	Codel
6515	LRP2	2	170093674	IDHmut
6516	LRP2	2	170093674	IDHmut_codel
6517	LRP2	2	170093674	LGG GBM
6518	LRP2	2	170093674	Oligo
6519	LRP2	2	170093674	Proneural
6520	LRP2	2	170113702	melanoma
6521	LRP2	2	170115593	IDHwt
6522	LRP2	2	170115593	IDHwt
6523	LRP2	2	170115593	LGG GBM
6524	LRP2	2	170115593	LGG GBM
6525	LRP2	2	170115593	Mesenchymal_like
6526	LRP2	2	170115593	Mesenchymal_like
6527	LRP2	2	170115593	Oligo
6528	LRP2	2	170115593	Oligo
6529	LRP2	2	170134324	melanoma
6530	LRP2	2	170136970	melanoma
6531	LRP2	2	170136970	melanoma
6532	FASTKD1	2	170403149	melanoma
6533	FASTKD1	2	170411653	GCIMP_high
6534	FASTKD1	2	170411653	GCIMP_high
6535	FASTKD1	2	170411653	IDHmut
6536	FASTKD1	2	170411653	IDHmut
6537	FASTKD1	2	170411653	IDHmut_noncodel
6538	FASTKD1	2	170411653	IDHmut_noncodel
6539	FASTKD1	2	170411653	LGG GBM
6540	FASTKD1	2	170411653	LGG GBM
6541	FASTKD1	2	170411653	OligoAstr
6542	FASTKD1	2	170411653	OligoAstr
6543	FASTKD1	2	170411653	Proneural
6544	FASTKD1	2	170411653	Proneural
6545	FASTKD1	2	170428527	GCIMP_high
6546	FASTKD1	2	170428527	IDHmut
6547	FASTKD1	2	170428527	IDHmut_noncodel
6548	FASTKD1	2	170428527	LGG GBM
6549	FASTKD1	2	170428527	OligoAstr
6550	PPIG	2	170460610	melanoma
6551	PPIG	2	170460610	melanoma
6552	CCDC173	2	170518885	melanoma
6553	PHOSPHO2	2	170557809	melanoma

6554	PHOSPHO2	2	170558131	melanoma
6555	PHOSPHO2	2	170558131	melanoma
6556	PHOSPHO2	2	170558142	Classic_like
6557	PHOSPHO2	2	170558142	Gbm
6558	PHOSPHO2	2	170558142	IDHwt
6559	PHOSPHO2	2	170558142	IDHwt_priGBM
6560	PHOSPHO2	2	170558142	LGG GBM
6561	UBR3	2	170929959	melanoma
6562	MYO3B	2	171092601	melanoma
6563	MYO3B	2	171260812	Gbm
6564	MYO3B	2	171260812	IDHwt
6565	MYO3B	2	171260812	IDHwt_priGBM
6566	MYO3B	2	171260812	LGG GBM
6567	MYO3B	2	171260812	Mesenchymal
6568	MYO3B	2	171260812	Mesenchymal_like
6569	MYO3B	2	171355205	melanoma
6570	GAD1	2	171675159	melanoma
6571	GAD1	2	171702523	melanoma
6572	GORASP2	2	171812971	bladder
6573	GORASP2	2	171813034	melanoma
6574	GORASP2	2	171813042	melanoma
6575	DCAF17	2	172314955	melanoma
6576	DCAF17	2	172314955	melanoma
6577	DCAF17	2	172314955	melanoma
6578	HAT1	2	172848261	melanoma
6579	DLX1	2	172950712	melanoma
6580	ITGA6	2	173334046	melanoma
6581	ITGA6	2	173334066	melanoma
6582	ITGA6	2	173338915	melanoma
6583	ITGA6	2	173341184	melanoma
6584	ITGA6	2	173355997	melanoma
6585	PDK1	2	173423489	melanoma
6586	RAPGEF4	2	173882187	melanoma
6587	RAPGEF4	2	173883489	melanoma
6588	RAPGEF4	2	173883489	melanoma
6589	RAPGEF4	2	173883489	melanoma
6590	RAPGEF4	2	173883489	melanoma
6591	MAP3K20	2	174047641	melanoma
6592	SP3	2	174820146	melanoma
6593	CIR1	2	175213520	melanoma
6594	CIR1	2	175243704	melanoma
6595	GPR155	2	175311419	melanoma
6596	GPR155	2	175337795	melanoma
6597	GPR155	2	175337795	melanoma
6598	GPR155	2	175337795	melanoma
6599	WIPF1	2	175427318	melanoma
6600	ATF2	2	175983025	melanoma
6601	ATF2	2	175983025	melanoma
6602	HOXD12	2	176964651	melanoma
6603	HOXD12	2	176964663	melanoma
6604	HOXD10	2	176981778	melanoma
6605	HOXD10	2	176981950	melanoma
6606	HOXD10	2	176981950	melanoma
6607	HOXD4	2	177017342	Classic_like
6608	HOXD4	2	177017342	Gbm
6609	HOXD4	2	177017342	IDHwt
6610	HOXD4	2	177017342	IDHwt_priGBM
6611	HOXD4	2	177017342	LGG GBM

6612	HOXD4	2	177017609	melanoma
6613	HOXD3	2	177034310	lung
6614	HOXD3	2	177036806	lung
6615	MTX2	2	177194059	melanoma
6616	NFE2L2	2	178095680	melanoma
6617	NFE2L2	2	178098011	melanoma
6618	AGPS	2	178386040	Codel
6619	AGPS	2	178386040	Codel
6620	AGPS	2	178386040	Codel
6621	AGPS	2	178386040	IDHmut
6622	AGPS	2	178386040	IDHmut
6623	AGPS	2	178386040	IDHmut
6624	AGPS	2	178386040	IDHmut_codel
6625	AGPS	2	178386040	IDHmut_codel
6626	AGPS	2	178386040	IDHmut_codel
6627	AGPS	2	178386040	LGG GBM
6628	AGPS	2	178386040	LGG GBM
6629	AGPS	2	178386040	LGG GBM
6630	AGPS	2	178386040	Oligo
6631	AGPS	2	178386040	Oligo
6632	AGPS	2	178386040	Oligo
6633	AGPS	2	178386040	Proneural
6634	AGPS	2	178386040	Proneural
6635	AGPS	2	178386040	Proneural
6636	TTC30B	2	178416536	melanoma
6637	TTC30B	2	178416536	melanoma
6638	TTC30B	2	178416536	melanoma
6639	TTC30B	2	178416779	bladder
6640	TTC30B	2	178416966	melanoma
6641	PDE11A	2	178592423	melanoma
6642	PDE11A	2	178681629	melanoma
6643	PDE11A	2	178681629	melanoma
6644	PDE11A	2	178936608	melanoma
6645	PDE11A	2	178936632	Classic_like
6646	PDE11A	2	178936632	Classic_like
6647	PDE11A	2	178936632	IDHwt
6648	PDE11A	2	178936632	IDHwt
6649	PDE11A	2	178936632	LGG GBM
6650	PDE11A	2	178936632	LGG GBM
6651	PDE11A	2	178936632	OligoAstr
6652	PDE11A	2	178936632	OligoAstr
6653	PDE11A	2	178936632	Proneural
6654	PDE11A	2	178936632	Proneural
6655	OSBPL6	2	179193077	melanoma
6656	OSBPL6	2	179209032	melanoma
6657	OSBPL6	2	179213994	lung
6658	OSBPL6	2	179257142	melanoma
6659	OSBPL6	2	179257142	melanoma
6660	DFNB59	2	179325928	melanoma
6661	PLEKHA3	2	179360350	melanoma
6662	TTN	2	179395245	Classic_like
6663	TTN	2	179395245	Gbm
6664	TTN	2	179395245	IDHwt
6665	TTN	2	179395245	IDHwt_priGBM
6666	TTN	2	179395245	LGG GBM
6667	TTN	2	179398164	Classic
6668	TTN	2	179398164	Classic_like
6669	TTN	2	179398164	Gbm

6670	TTN	2	179398164	IDHwt
6671	TTN	2	179398164	IDHwt_priGBM
6672	TTN	2	179398164	LGG GBM
6673	TTN	2	179398579	melanoma
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6675	TTN	2	179400511	melanoma
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6677	TTN	2	179403363	melanoma
6678	TTN	2	179403519	melanoma
6679	TTN	2	179408009	melanoma
6680	TTN	2	179410760	melanoma
6681	TTN	2	179411152	melanoma
6682	TTN	2	179412203	Astr
6683	TTN	2	179412203	Astr
6684	TTN	2	179412203	GCIMP_high
6685	TTN	2	179412203	GCIMP_high
6686	TTN	2	179412203	IDHmut
6687	TTN	2	179412203	IDHmut
6688	TTN	2	179412203	IDHmut_noncode1
6689	TTN	2	179412203	IDHmut_noncode1
6690	TTN	2	179412203	LGG GBM
6691	TTN	2	179412203	LGG GBM
6692	TTN	2	179413099	melanoma
6693	TTN	2	179413358	melanoma
6694	TTN	2	179418679	melanoma
6695	TTN	2	179419816	Classic
6696	TTN	2	179419816	Gbm
6697	TTN	2	179419816	IDHwt
6698	TTN	2	179419816	IDHwt_priGBM
6699	TTN	2	179419816	LGG GBM
6700	TTN	2	179419816	Mesenchymal_like
6701	TTN	2	179422801	melanoma
6702	TTN	2	179423158	bladder
6703	TTN	2	179425385	melanoma
6704	TTN	2	179427821	melanoma
6705	TTN	2	179428111	lung
6706	TTN	2	179428111	lung
6707	TTN	2	179428361	melanoma
6708	TTN	2	179428628	melanoma
6709	TTN	2	179430581	melanoma
6710	TTN	2	179430620	melanoma
6711	TTN	2	179430620	melanoma
6712	TTN	2	179430620	melanoma
6713	TTN	2	179430799	bladder
6714	TTN	2	179431793	melanoma
6715	TTN	2	179432959	melanoma
6716	TTN	2	179433209	melanoma
6717	TTN	2	179433572	lung
6718	TTN	2	179437433	melanoma
6719	TTN	2	179437433	melanoma
6720	TTN	2	179437433	melanoma
6721	TTN	2	179438575	melanoma
6722	TTN	2	179440672	melanoma
6723	TTN	2	179440892	bladder
6724	TTN	2	179440892	bladder
6725	TTN	2	179442860	hnscc
6726	TTN	2	179452312	melanoma
6727	TTN	2	179452312	melanoma

6728	TTN	2	179456066	melanoma
6729	TTN	2	179458579	melanoma
6730	TTN	2	179458777	melanoma
6731	TTN	2	179459139	melanoma
6732	TTN	2	179462334	melanoma
6733	TTN	2	179476881	Classic_like
6734	TTN	2	179476881	Classic_like
6735	TTN	2	179476881	Gbm
6736	TTN	2	179476881	Gbm
6737	TTN	2	179476881	IDHwt
6738	TTN	2	179476881	IDHwt
6739	TTN	2	179476881	IDHwt_priGBM
6740	TTN	2	179476881	IDHwt_priGBM
6741	TTN	2	179476881	LGG GBM
6742	TTN	2	179476881	LGG GBM
6743	TTN	2	179476881	Mesenchymal
6744	TTN	2	179476881	Mesenchymal
6745	TTN	2	179478568	melanoma
6746	TTN	2	179482066	melanoma
6747	TTN	2	179482149	melanoma
6748	TTN	2	179483569	Classic_like
6749	TTN	2	179483569	Gbm
6750	TTN	2	179483569	IDHwt
6751	TTN	2	179483569	IDHwt_priGBM
6752	TTN	2	179483569	LGG GBM
6753	TTN	2	179483569	Proneural
6754	TTN	2	179485844	Astr
6755	TTN	2	179485844	IDHwt
6756	TTN	2	179485844	LGG GBM
6757	TTN	2	179485844	Mesenchymal_like
6758	TTN	2	179487420	melanoma
6759	TTN	2	179497918	melanoma
6760	TTN	2	179504431	melanoma
6761	TTN	2	179504835	melanoma
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6767	TTN	2	179569978	melanoma
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6770	TTN	2	179569978	melanoma
6771	TTN	2	179572377	hnscc
6772	TTN	2	179572377	hnscc
6773	TTN	2	179572409	melanoma
6774	TTN	2	179575562	Classic_like
6775	TTN	2	179575562	Gbm
6776	TTN	2	179575562	IDHwt
6777	TTN	2	179575562	IDHwt_priGBM
6778	TTN	2	179575562	LGG GBM
6779	TTN	2	179575562	Mesenchymal
6780	TTN	2	179575626	lung
6781	TTN	2	179575626	lung
6782	TTN	2	179576790	melanoma
6783	TTN	2	179577621	melanoma
6784	TTN	2	179578872	melanoma
6785	TTN	2	179579103	melanoma

6786	TTN	2	179579103	melanoma
6787	TTN	2	179579181	melanoma
6788	TTN	2	179583229	melanoma
6789	TTN	2	179584525	melanoma
6790	TTN	2	179584525	melanoma
6791	TTN	2	179585172	melanoma
6792	TTN	2	179585172	melanoma
6793	TTN	2	179586691	melanoma
6794	TTN	2	179586849	bladder
6795	TTN	2	179588700	melanoma
6796	TTN	2	179588855	Astr
6797	TTN	2	179588855	GCIMP_high
6798	TTN	2	179588855	IDHmut
6799	TTN	2	179588855	IDHmut_noncodel
6800	TTN	2	179588855	LGG GBM
6801	TTN	2	179588855	Proneural
6802	TTN	2	179593309	melanoma
6803	TTN	2	179593638	melanoma
6804	TTN	2	179594120	Classic
6805	TTN	2	179594120	Gbm
6806	TTN	2	179594120	IDHwt
6807	TTN	2	179594120	IDHwt_priGBM
6808	TTN	2	179594120	LGG GBM
6809	TTN	2	179594198	melanoma
6810	TTN	2	179594505	melanoma
6811	TTN	2	179595352	melanoma
6812	TTN	2	179598460	melanoma
6813	TTN	2	179598460	melanoma
6814	TTN	2	179599493	melanoma
6815	TTN	2	179599685	melanoma
6816	TTN	2	179602967	melanoma
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6819	TTN	2	179604792	melanoma
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6821	TTN	2	179604840	melanoma
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6823	TTN	2	179604933	melanoma
6824	TTN	2	179605026	melanoma
6825	TTN	2	179605026	melanoma
6826	TTN	2	179605199	melanoma
6827	TTN	2	179606114	melanoma
6828	TTN	2	179610953	melanoma
6829	TTN	2	179611190	melanoma
6830	TTN	2	179611376	melanoma
6831	TTN	2	179611966	melanoma
6832	TTN	2	179612473	lung
6833	TTN	2	179612509	melanoma
6834	TTN	2	179612512	melanoma
6835	TTN	2	179612573	melanoma
6836	TTN	2	179613248	melanoma
6837	TTN	2	179614291	melanoma
6838	TTN	2	179615146	melanoma
6839	TTN	2	179615146	melanoma
6840	TTN	2	179615174	melanoma
6841	TTN	2	179615486	melanoma
6842	TTN	2	179615486	melanoma
6843	TTN	2	179615759	melanoma

6844	TTN	2	179616107	lung
6845	TTN	2	179623821	melanoma
6846	TTN	2	179631216	melanoma
6847	TTN	2	179634524	Classic_like
6848	TTN	2	179634524	Gbm
6849	TTN	2	179634524	IDHwt
6850	TTN	2	179634524	IDHwt_priGBM
6851	TTN	2	179634524	LGG GBM
6852	TTN	2	179634524	Mesenchymal
6853	TTN	2	179634841	melanoma
6854	TTN	2	179634972	melanoma
6855	TTN	2	179634972	melanoma
6856	TTN	2	179634972	melanoma
6857	TTN	2	179636028	melanoma
6858	TTN	2	179638019	melanoma
6859	TTN	2	179638019	melanoma
6860	TTN	2	179639903	melanoma
6861	TTN	2	179640203	melanoma
6862	TTN	2	179640482	melanoma
6863	TTN	2	179640734	melanoma
6864	TTN	2	179640734	melanoma
6865	TTN	2	179641285	bladder
6866	TTN	2	179641459	melanoma
6867	TTN	2	179641459	melanoma
6868	TTN	2	179641459	melanoma
6869	TTN	2	179642153	hnsc
6870	TTN	2	179643754	melanoma
6871	TTN	2	179647077	Classic_like
6872	TTN	2	179647077	Gbm
6873	TTN	2	179647077	IDHwt
6874	TTN	2	179647077	IDHwt_priGBM
6875	TTN	2	179647077	LGG GBM
6876	TTN	2	179647077	Mesenchymal
6877	TTN	2	179648463	melanoma
6878	TTN	2	179650354	melanoma
6879	TTN	2	179650418	Classic
6880	TTN	2	179650418	IDHwt
6881	TTN	2	179650418	LGG GBM
6882	TTN	2	179650418	Mesenchymal_like
6883	TTN	2	179650418	OligoAstr
6884	TTN	2	179654833	melanoma
6885	TTN	2	179654833	melanoma
6886	TTN	2	179664323	melanoma
6887	TTN	2	179664323	melanoma
6888	TTN	2	179666963	Gbm
6889	TTN	2	179666963	Gbm
6890	TTN	2	179666963	IDHwt
6891	TTN	2	179666963	IDHwt
6892	TTN	2	179666963	IDHwt_priGBM
6893	TTN	2	179666963	IDHwt_priGBM
6894	TTN	2	179666963	LGG GBM
6895	TTN	2	179666963	LGG GBM
6896	TTN	2	179666963	Mesenchymal
6897	TTN	2	179666963	Mesenchymal
6898	TTN	2	179666963	Mesenchymal_like
6899	TTN	2	179666963	Mesenchymal_like
6900	TTN	2	179666990	melanoma
6901	CCDC141	2	179701637	melanoma

6902	CCDC141	2	179701639	melanoma
6903	CCDC141	2	179701639	melanoma
6904	CCDC141	2	179701852	melanoma
6905	CCDC141	2	179710400	melanoma
6906	CCDC141	2	179737027	melanoma
6907	CCDC141	2	179742668	melanoma
6908	CCDC141	2	179826037	lung
6909	CCDC141	2	179839847	melanoma
6910	ZNF385B	2	180311447	melanoma
6911	ZNF385B	2	180311447	melanoma
6912	ZNF385B	2	180348074	melanoma
6913	ZNF385B	2	180634452	melanoma
6914	ZNF385B	2	180634452	melanoma
6915	ZNF385B	2	180634461	Astr
6916	ZNF385B	2	180634461	Classic
6917	ZNF385B	2	180634461	IDHwt
6918	ZNF385B	2	180634461	LGG GBM
6919	ZNF385B	2	180634461	Mesenchymal_like
6920	CWC22	2	180818939	melanoma
6921	CWC22	2	180818939	melanoma
6922	CWC22	2	180818939	melanoma
6923	CWC22	2	180835797	Astr
6924	CWC22	2	180835797	GCIMP_high
6925	CWC22	2	180835797	IDHmut
6926	CWC22	2	180835797	IDHmut_noncodel
6927	CWC22	2	180835797	LGG GBM
6928	UBE2E3	2	181922496	melanoma
6929	UBE2E3	2	181922496	melanoma
6930	ITGA4	2	182339964	lung
6931	ITGA4	2	182339964	melanoma
6932	ITGA4	2	182350674	melanoma
6933	ITGA4	2	182374515	Gbm
6934	ITGA4	2	182374515	IDHwt
6935	ITGA4	2	182374515	IDHwt_priGBM
6936	ITGA4	2	182374515	LGG GBM
6937	ITGA4	2	182374515	Mesenchymal
6938	ITGA4	2	182388950	melanoma
6939	ITGA4	2	182395275	melanoma
6940	CERKL	2	182403981	melanoma
6941	CERKL	2	182414397	melanoma
6942	CERKL	2	182423353	melanoma
6943	NEUROD1	2	182542950	melanoma
6944	NEUROD1	2	182542950	melanoma
6945	NEUROD1	2	182542950	melanoma
6946	NEUROD1	2	182543127	melanoma
6947	SSFA2	2	182766586	melanoma
6948	SSFA2	2	182766586	melanoma
6949	PDE1A	2	183051235	melanoma
6950	PDE1A	2	183070764	melanoma
6951	PDE1A	2	183070764	melanoma
6952	PDE1A	2	183291348	melanoma
6953	DNAJC10	2	183595795	melanoma
6954	DNAJC10	2	183623957	melanoma
6955	DNAJC10	2	183627479	melanoma
6956	NUP35	2	184024355	melanoma
6957	ZNF804A	2	185731110	Classic_like
6958	ZNF804A	2	185731110	Gbm
6959	ZNF804A	2	185731110	IDHwt

6960	ZNF804A	2	185731110	IDHwt_priGBM
6961	ZNF804A	2	185731110	LGG GBM
6962	ZNF804A	2	185731217	melanoma
6963	ZNF804A	2	185798354	melanoma
6964	ZNF804A	2	185798354	melanoma
6965	ZNF804A	2	185801364	lung
6966	ZNF804A	2	185801484	melanoma
6967	ZNF804A	2	185801484	melanoma
6968	ZNF804A	2	185801484	melanoma
6969	ZNF804A	2	185801484	melanoma
6970	ZNF804A	2	185801798	melanoma
6971	ZNF804A	2	185803026	melanoma
6972	ZNF804A	2	185803501	lung
6973	ZNF804A	2	185803521	melanoma
6974	ZNF804A	2	185803641	melanoma
6975	ZNF804A	2	185803652	melanoma
6976	FSIP2	2	186611419	melanoma
6977	FSIP2	2	186670570	melanoma
6978	FSIP2	2	186673214	melanoma
6979	FSIP2	2	186678561	lung
6980	ZC3H15	2	187368763	Classic
6981	ZC3H15	2	187368763	Classic_like
6982	ZC3H15	2	187368763	Gbm
6983	ZC3H15	2	187368763	IDHwt
6984	ZC3H15	2	187368763	IDHwt_priGBM
6985	ZC3H15	2	187368763	LGG GBM
6986	FAM171B	2	187608288	melanoma
6987	FAM171B	2	187625845	melanoma
6988	ZSWIM2	2	187692815	melanoma
6989	ZSWIM2	2	187694495	melanoma
6990	ZSWIM2	2	187694495	melanoma
6991	ZSWIM2	2	187694575	melanoma
6992	ZSWIM2	2	187694594	melanoma
6993	CALCRL	2	188223966	Classic
6994	CALCRL	2	188223966	Classic
6995	CALCRL	2	188223966	Gbm
6996	CALCRL	2	188223966	Gbm
6997	CALCRL	2	188223966	IDHwt
6998	CALCRL	2	188223966	IDHwt
6999	CALCRL	2	188223966	IDHwt_priGBM
7000	CALCRL	2	188223966	IDHwt_priGBM
7001	CALCRL	2	188223966	LGG GBM
7002	CALCRL	2	188223966	LGG GBM
7003	CALCRL	2	188223966	Mesenchymal_like
7004	CALCRL	2	188223966	Mesenchymal_like
7005	CALCRL	2	188243724	melanoma
7006	COL3A1	2	189875398	melanoma
7007	COL5A2	2	189899685	melanoma
7008	COL5A2	2	189904043	melanoma
7009	WDR75	2	190334816	lung
7010	SLC40A1	2	190428351	melanoma
7011	SLC40A1	2	190439994	melanoma
7012	SLC40A1	2	190439994	melanoma
7013	ASNSD1	2	190535310	melanoma
7014	ANKAR	2	190541620	Astr
7015	ANKAR	2	190541620	Classic_like
7016	ANKAR	2	190541620	IDHwt
7017	ANKAR	2	190541620	LGG GBM

7018	ANKAR	2	190554618	Codel
7019	ANKAR	2	190554618	IDHmut
7020	ANKAR	2	190554618	IDHmut_codel
7021	ANKAR	2	190554618	LGG GBM
7022	ANKAR	2	190554618	Oligo
7023	ANKAR	2	190554618	Proneural
7024	ANKAR	2	190571702	melanoma
7025	ANKAR	2	190597847	melanoma
7026	C2orf88	2	191064788	melanoma
7027	MFSD6	2	191300877	melanoma
7028	MFSD6	2	191301299	melanoma
7029	MFSD6	2	191301299	melanoma
7030	MFSD6	2	191301884	Astr
7031	MFSD6	2	191301884	IDHwt
7032	MFSD6	2	191301884	LGG GBM
7033	MFSD6	2	191301884	Mesenchymal
7034	MFSD6	2	191301884	Mesenchymal_like
7035	GLS	2	191795182	melanoma
7036	GLS	2	191795225	GCIMP_low
7037	GLS	2	191795225	IDHmut
7038	GLS	2	191795225	IDHmut_noncodel
7039	GLS	2	191795225	LGG GBM
7040	GLS	2	191795225	Proneural
7041	STAT1	2	191839612	melanoma
7042	STAT4	2	191894585	melanoma
7043	STAT4	2	191894585	melanoma
7044	STAT4	2	191894585	melanoma
7045	STAT4	2	191900952	melanoma
7046	STAT4	2	191927600	melanoma
7047	STAT4	2	191931206	melanoma
7048	STAT4	2	191931206	melanoma
7049	MYO1B	2	192214945	GCIMP_high
7050	MYO1B	2	192214945	GCIMP_high
7051	MYO1B	2	192214945	IDHmut
7052	MYO1B	2	192214945	IDHmut
7053	MYO1B	2	192214945	IDHmut_noncodel
7054	MYO1B	2	192214945	IDHmut_noncodel
7055	MYO1B	2	192214945	LGG GBM
7056	MYO1B	2	192214945	LGG GBM
7057	MYO1B	2	192214945	Neural
7058	MYO1B	2	192214945	Neural
7059	MYO1B	2	192248019	melanoma
7060	MYO1B	2	192257880	bladder
7061	NABP1	2	192546730	bladder
7062	CAVIN2	2	192700963	melanoma
7063	CAVIN2	2	192701062	melanoma
7064	CAVIN2	2	192701242	melanoma
7065	CAVIN2	2	192711198	hnsc
7066	DNAH7	2	196602804	bladder
7067	DNAH7	2	196620943	melanoma
7068	DNAH7	2	196651856	melanoma
7069	DNAH7	2	196664189	melanoma
7070	DNAH7	2	196664189	melanoma
7071	DNAH7	2	196673546	melanoma
7072	DNAH7	2	196673546	melanoma
7073	DNAH7	2	196681640	melanoma
7074	DNAH7	2	196682498	melanoma
7075	DNAH7	2	196722114	melanoma

7076	DNAH7	2	196722428	melanoma
7077	DNAH7	2	196738409	Astr
7078	DNAH7	2	196738409	GCIMP_high
7079	DNAH7	2	196738409	IDHmut
7080	DNAH7	2	196738409	IDHmut_noncodel
7081	DNAH7	2	196738409	LGG GBM
7082	DNAH7	2	196741396	melanoma
7083	DNAH7	2	196749376	melanoma
7084	DNAH7	2	196762413	melanoma
7085	DNAH7	2	196765215	Classic
7086	DNAH7	2	196765215	Classic_like
7087	DNAH7	2	196765215	Gbm
7088	DNAH7	2	196765215	IDHwt
7089	DNAH7	2	196765215	IDHwt_priGBM
7090	DNAH7	2	196765215	LGG GBM
7091	DNAH7	2	196801431	melanoma
7092	DNAH7	2	196825251	melanoma
7093	DNAH7	2	196891517	melanoma
7094	HECW2	2	197092889	melanoma
7095	HECW2	2	197138808	melanoma
7096	HECW2	2	197184260	melanoma
7097	HECW2	2	197184260	melanoma
7098	HECW2	2	197298057	melanoma
7099	GTF3C3	2	197649634	melanoma
7100	PGAP1	2	197706079	melanoma
7101	PGAP1	2	197737718	melanoma
7102	SF3B1	2	198265653	Astr
7103	SF3B1	2	198265653	Astr
7104	SF3B1	2	198265653	GCIMP_high
7105	SF3B1	2	198265653	GCIMP_high
7106	SF3B1	2	198265653	IDHmut
7107	SF3B1	2	198265653	IDHmut
7108	SF3B1	2	198265653	IDHmut_noncodel
7109	SF3B1	2	198265653	IDHmut_noncodel
7110	SF3B1	2	198265653	LGG GBM
7111	SF3B1	2	198265653	LGG GBM
7112	SF3B1	2	198267359	lung
7113	SF3B1	2	198267753	lung
7114	SF3B1	2	198268316	melanoma
7115	SF3B1	2	198268407	GCIMP_high
7116	SF3B1	2	198268407	IDHmut
7117	SF3B1	2	198268407	IDHmut_noncodel
7118	SF3B1	2	198268407	LGG GBM
7119	SF3B1	2	198268407	Oligo
7120	SF3B1	2	198268407	Proneural
7121	HSPD1	2	198362086	melanoma
7122	HSPD1	2	198363424	melanoma
7123	RFTN2	2	198436878	hnsc
7124	MARS2	2	198570776	lung
7125	BOLL	2	198607868	melanoma
7126	BOLL	2	198621186	melanoma
7127	BOLL	2	198641785	lung
7128	PLCL1	2	198950519	lung
7129	PLCL1	2	198950526	melanoma
7130	PLCL1	2	198950624	Classic_like
7131	PLCL1	2	198950624	Gbm
7132	PLCL1	2	198950624	IDHwt
7133	PLCL1	2	198950624	IDHwt_priGBM

7134	PLCL1	2	198950624	LGG GBM
7135	SATB2	2	200213699	melanoma
7136	SATB2	2	200213714	lung
7137	SATB2	2	200298108	melanoma
7138	C2orf69	2	200789872	melanoma
7139	C2orf69	2	200789872	melanoma
7140	SPATS2L	2	201303875	melanoma
7141	SPATS2L	2	201303875	melanoma
7142	KCTD18	2	201371654	melanoma
7143	KCTD18	2	201371654	melanoma
7144	AOX1	2	201457909	lung
7145	AOX1	2	201457909	lung
7146	AOX1	2	201478598	Gbm
7147	AOX1	2	201478598	IDHwt
7148	AOX1	2	201478598	IDHwt_priGBM
7149	AOX1	2	201478598	LGG GBM
7150	AOX1	2	201478598	Mesenchymal
7151	AOX1	2	201478598	Mesenchymal_like
7152	AOX1	2	201499573	melanoma
7153	AOX1	2	201515803	melanoma
7154	AOX1	2	201523898	Gbm
7155	AOX1	2	201523898	IDHwt
7156	AOX1	2	201523898	IDHwt_priGBM
7157	AOX1	2	201523898	LGG GBM
7158	AOX1	2	201523898	Proneural
7159	AOX1	2	201526321	melanoma
7160	CLK1	2	201722811	melanoma
7161	FAM126B	2	201862174	melanoma
7162	CFLAR	2	202028686	melanoma
7163	CASP10	2	202050823	melanoma
7164	CASP10	2	202065193	melanoma
7165	CASP10	2	202074201	melanoma
7166	CASP10	2	202074201	melanoma
7167	CASP8	2	202149778	melanoma
7168	TRAK2	2	202251168	melanoma
7169	STRADB	2	202340375	melanoma
7170	STRADB	2	202343150	melanoma
7171	STRADB	2	202343150	melanoma
7172	STRADB	2	202343150	melanoma
7173	TMEM237	2	202490821	bladder
7174	ALS2	2	202591214	lung
7175	CDK15	2	202688400	bladder
7176	FZD7	2	202900292	melanoma
7177	FZD7	2	202900292	melanoma
7178	FZD7	2	202900640	melanoma
7179	BMP2	2	203397336	Classic
7180	BMP2	2	203397336	Classic
7181	BMP2	2	203397336	Gbm
7182	BMP2	2	203397336	Gbm
7183	BMP2	2	203397336	IDHwt
7184	BMP2	2	203397336	IDHwt
7185	BMP2	2	203397336	IDHwt_priGBM
7186	BMP2	2	203397336	IDHwt_priGBM
7187	BMP2	2	203397336	LGG GBM
7188	BMP2	2	203397336	LGG GBM
7189	BMP2	2	203397336	Mesenchymal_like
7190	BMP2	2	203397336	Mesenchymal_like
7191	BMP2	2	203420499	melanoma

7192	BMPR2	2	203424484	melanoma
7193	FAM117B	2	203560693	Gbm
7194	FAM117B	2	203560693	IDHwt
7195	FAM117B	2	203560693	IDHwt_priGBM
7196	FAM117B	2	203560693	LGG GBM
7197	FAM117B	2	203560693	Mesenchymal_like
7198	CARF	2	203807605	melanoma
7199	NBEAL1	2	204013825	Astr
7200	NBEAL1	2	204013825	GCIMP_low
7201	NBEAL1	2	204013825	IDHmut
7202	NBEAL1	2	204013825	IDHmut_noncodel
7203	NBEAL1	2	204013825	LGG GBM
7204	NBEAL1	2	204013825	Mesenchymal
7205	NBEAL1	2	204075801	melanoma
7206	NBEAL1	2	204075801	melanoma
7207	CD28	2	204594440	lung
7208	CTLA4	2	204732759	melanoma
7209	CTLA4	2	204732759	melanoma
7210	PARD3B	2	206265774	lung
7211	NRP2	2	206617663	melanoma
7212	INO80D	2	206869953	melanoma
7213	GPR1	2	207041733	melanoma
7214	ZDBF2	2	207169709	Gbm
7215	ZDBF2	2	207169709	Gbm
7216	ZDBF2	2	207169709	IDHwt
7217	ZDBF2	2	207169709	IDHwt
7218	ZDBF2	2	207169709	IDHwt_priGBM
7219	ZDBF2	2	207169709	IDHwt_priGBM
7220	ZDBF2	2	207169709	LGG GBM
7221	ZDBF2	2	207169709	LGG GBM
7222	ZDBF2	2	207169709	Mesenchymal
7223	ZDBF2	2	207169709	Mesenchymal
7224	ZDBF2	2	207169718	melanoma
7225	ZDBF2	2	207169794	lung
7226	ZDBF2	2	207170951	melanoma
7227	ZDBF2	2	207171425	melanoma
7228	ZDBF2	2	207171912	melanoma
7229	ZDBF2	2	207173993	melanoma
7230	ZDBF2	2	207175823	melanoma
7231	ADAM23	2	207422173	Codel
7232	ADAM23	2	207422173	IDHmut
7233	ADAM23	2	207422173	IDHmut_codel
7234	ADAM23	2	207422173	LGG GBM
7235	ADAM23	2	207422173	Neural
7236	ADAM23	2	207422173	OligoAstr
7237	ADAM23	2	207425908	melanoma
7238	DYTN	2	207528106	melanoma
7239	DYTN	2	207530641	lung
7240	DYTN	2	207558013	bladder
7241	DYTN	2	207570523	melanoma
7242	MDH1B	2	207615701	melanoma
7243	MDH1B	2	207621643	melanoma
7244	CPO	2	207827161	Gbm
7245	CPO	2	207827161	IDHwt
7246	CPO	2	207827161	IDHwt_priGBM
7247	CPO	2	207827161	LGG GBM
7248	CPO	2	207827161	LGm6_GBM
7249	CPO	2	207833051	melanoma

7250	KLF7	2	207988669	melanoma
7251	KLF7	2	207988812	Gbm
7252	KLF7	2	207988812	Gbm
7253	KLF7	2	207988812	IDHwt
7254	KLF7	2	207988812	IDHwt
7255	KLF7	2	207988812	IDHwt_priGBM
7256	KLF7	2	207988812	IDHwt_priGBM
7257	KLF7	2	207988812	LGG GBM
7258	KLF7	2	207988812	LGG GBM
7259	KLF7	2	207988812	Mesenchymal
7260	KLF7	2	207988812	Mesenchymal
7261	KLF7	2	207988812	Mesenchymal_like
7262	KLF7	2	207988812	Mesenchymal_like
7263	CCNYL1	2	208611780	melanoma
7264	FZD5	2	208632112	melanoma
7265	FZD5	2	208632680	lung
7266	PLEKHM3	2	208842096	melanoma
7267	PLEKHM3	2	208865787	melanoma
7268	PLEKHM3	2	208866126	melanoma
7269	CRYGD	2	208986472	Gbm
7270	CRYGD	2	208986472	IDHwt
7271	CRYGD	2	208986472	IDHwt_priGBM
7272	CRYGD	2	208986472	LGG GBM
7273	CRYGD	2	208986472	Mesenchymal_like
7274	CRYGD	2	208986472	Proneural
7275	CRYGB	2	209007511	Classic
7276	CRYGB	2	209007511	Classic_like
7277	CRYGB	2	209007511	IDHwt
7278	CRYGB	2	209007511	LGG GBM
7279	CRYGB	2	209007511	Oligo
7280	CRYGB	2	209010698	melanoma
7281	IDH1	2	209113112	Codel
7282	IDH1	2	209113112	IDHmut
7283	IDH1	2	209113112	IDHmut_codel
7284	IDH1	2	209113112	LGG GBM
7285	IDH1	2	209113112	Neural
7286	IDH1	2	209113112	Oligo
7287	IDH1	2	209113112	Astr
7288	IDH1	2	209113112	Codel
7289	IDH1	2	209113112	GCIMP_high
7290	IDH1	2	209113112	IDHmut
7291	IDH1	2	209113112	IDHmut_codel
7292	IDH1	2	209113112	IDHmut_noncodel
7293	IDH1	2	209113112	LGG GBM
7294	IDH1	2	209113112	Neural
7295	IDH1	2	209113112	Oligo
7296	IDH1	2	209113112	Proneural
7297	IDH1	2	209113112	Codel
7298	IDH1	2	209113112	IDHmut
7299	IDH1	2	209113112	IDHmut_codel
7300	IDH1	2	209113112	LGG GBM
7301	IDH1	2	209113112	Oligo
7302	IDH1	2	209113112	Proneural
7303	IDH1	2	209113113	Astr
7304	IDH1	2	209113113	Astr
7305	IDH1	2	209113113	GCIMP_high
7306	IDH1	2	209113113	GCIMP_high
7307	IDH1	2	209113113	IDHmut

7308	IDH1	2	209113113	IDHmut
7309	IDH1	2	209113113	IDHmut_noncodel
7310	IDH1	2	209113113	IDHmut_noncodel
7311	IDH1	2	209113113	LGG GBM
7312	IDH1	2	209113113	LGG GBM
7313	IDH1	2	209113113	Oligo
7314	IDH1	2	209113113	Proneural
7315	IDH1	2	209113113	Proneural
7316	IDH1	2	209113113	GCIMP_high
7317	IDH1	2	209113113	IDHmut
7318	IDH1	2	209113113	IDHmut_noncodel
7319	IDH1	2	209113113	LGG GBM
7320	IDH1	2	209113113	Oligo
7321	IDH1	2	209113113	Proneural
7322	PIKfyve	2	209150527	melanoma
7323	PIKfyve	2	209153464	Classic_like
7324	PIKfyve	2	209153464	Gbm
7325	PIKfyve	2	209153464	IDHwt
7326	PIKfyve	2	209153464	IDHwt_priGBM
7327	PIKfyve	2	209153464	LGG GBM
7328	PIKfyve	2	209163498	melanoma
7329	PIKfyve	2	209179063	melanoma
7330	PIKfyve	2	209179964	IDHwt_priGBM2
7331	PIKfyve	2	209198103	melanoma
7332	PTH2R	2	209308179	melanoma
7333	MAP2	2	210557873	melanoma
7334	MAP2	2	210558810	melanoma
7335	MAP2	2	210594618	melanoma
7336	UNC80	2	210637829	lung
7337	UNC80	2	210685067	lung
7338	UNC80	2	210787048	lung
7339	UNC80	2	210787048	lung
7340	KANSL1L	2	210888818	melanoma
7341	KANSL1L	2	210962876	melanoma
7342	MYL1	2	211179663	melanoma
7343	MYL1	2	211179664	melanoma
7344	CPS1	2	211441119	Gbm
7345	CPS1	2	211441119	IDHwt
7346	CPS1	2	211441119	IDHwt_priGBM
7347	CPS1	2	211441119	LGG GBM
7348	CPS1	2	211441119	Mesenchymal
7349	CPS1	2	211441119	Mesenchymal_like
7350	CPS1	2	211469880	Gbm
7351	CPS1	2	211469880	IDHwt
7352	CPS1	2	211469880	IDHwt_priGBM
7353	CPS1	2	211469880	LGG GBM
7354	CPS1	2	211469880	LGm6_GBM
7355	CPS1	2	211469880	Mesenchymal
7356	CPS1	2	211471593	hnsc
7357	CPS1	2	211532934	melanoma
7358	CPS1	2	211532934	melanoma
7359	CPS1	2	211540474	melanoma
7360	CPS1	2	211540474	melanoma
7361	ERBB4	2	212248371	melanoma
7362	ERBB4	2	212248371	melanoma
7363	ERBB4	2	212248666	lung
7364	ERBB4	2	212248666	lung
7365	ERBB4	2	212251821	IDHwt_priGBM2

7366	ERBB4	2	212252698	lung
7367	ERBB4	2	212295789	melanoma
7368	ERBB4	2	212495306	lung
7369	ERBB4	2	212495314	melanoma
7370	ERBB4	2	212495314	melanoma
7371	ERBB4	2	212566827	melanoma
7372	ERBB4	2	212568892	melanoma
7373	ERBB4	2	212578296	Astr
7374	ERBB4	2	212578296	Codel
7375	ERBB4	2	212578296	IDHmut
7376	ERBB4	2	212578296	IDHmut_codel
7377	ERBB4	2	212578296	LGG GBM
7378	ERBB4	2	212578296	Neural
7379	ERBB4	2	212989598	melanoma
7380	ERBB4	2	212989598	melanoma
7381	SPAG16	2	214204978	melanoma
7382	SPAG16	2	214727306	melanoma
7383	SPAG16	2	214878736	melanoma
7384	VWC2L	2	215301425	melanoma
7385	VWC2L	2	215301425	melanoma
7386	BARD1	2	215645654	melanoma
7387	ABCA12	2	215809797	melanoma
7388	ABCA12	2	215809797	melanoma
7389	ABCA12	2	215813379	melanoma
7390	ABCA12	2	215818620	melanoma
7391	ABCA12	2	215843079	melanoma
7392	ABCA12	2	215843079	melanoma
7393	ABCA12	2	215843079	melanoma
7394	ABCA12	2	215845323	melanoma
7395	ABCA12	2	215846946	melanoma
7396	ABCA12	2	215851434	melanoma
7397	ABCA12	2	215884310	melanoma
7398	ABCA12	2	215917230	melanoma
7399	ABCA12	2	215919341	melanoma
7400	ATIC	2	216209563	melanoma
7401	FN1	2	216262537	melanoma
7402	FN1	2	216271079	lung
7403	FN1	2	216286945	melanoma
7404	FN1	2	216286945	melanoma
7405	FN1	2	216300410	melanoma
7406	PECR	2	216904042	GCIMP_high
7407	PECR	2	216904042	IDHmut
7408	PECR	2	216904042	IDHmut_noncodel
7409	PECR	2	216904042	LGG GBM
7410	PECR	2	216904042	Neural
7411	PECR	2	216904042	OligoAstr
7412	4-Mar	2	217124381	melanoma
7413	4-Mar	2	217234818	bladder
7414	SMARCAL1	2	217285181	melanoma
7415	SMARCAL1	2	217297538	melanoma
7416	SMARCAL1	2	217311786	melanoma
7417	IGFBP5	2	217542926	melanoma
7418	TNS1	2	218700788	melanoma
7419	TNS1	2	218700788	melanoma
7420	TNS1	2	218712622	melanoma
7421	TNS1	2	218712647	melanoma
7422	TNS1	2	218751322	melanoma
7423	RUFY4	2	218954016	melanoma

7424	CXCR2	2	218999903	melanoma
7425	CXCR2	2	218999903	melanoma
7426	CXCR2	2	219000218	Astr
7427	CXCR2	2	219000218	GCIMP_high
7428	CXCR2	2	219000218	IDHmut
7429	CXCR2	2	219000218	IDHmut_noncode1
7430	CXCR2	2	219000218	LGG GBM
7431	CXCR2	2	219000218	Proneural
7432	GPBAR1	2	219127721	melanoma
7433	TMBIM1	2	219140232	melanoma
7434	PNKD	2	219206721	lung
7435	CATIP	2	219222293	Classic
7436	CATIP	2	219222293	Gbm
7437	CATIP	2	219222293	IDHwt
7438	CATIP	2	219222293	IDHwt_priGBM
7439	CATIP	2	219222293	LGG GBM
7440	CATIP	2	219232628	melanoma
7441	SLC11A1	2	219255987	Gbm
7442	SLC11A1	2	219255987	IDHwt
7443	SLC11A1	2	219255987	IDHwt_priGBM
7444	SLC11A1	2	219255987	LGG GBM
7445	SLC11A1	2	219255987	Mesenchymal_like
7446	SLC11A1	2	219255987	Proneural
7447	SLC11A1	2	219257720	melanoma
7448	VIL1	2	219290442	melanoma
7449	VIL1	2	219295468	Gbm
7450	VIL1	2	219295468	IDHwt
7451	VIL1	2	219295468	IDHwt_priGBM
7452	VIL1	2	219295468	LGG GBM
7453	VIL1	2	219295468	Mesenchymal_like
7454	VIL1	2	219295468	Proneural
7455	USP37	2	219330768	melanoma
7456	CNOT9	2	219449406	melanoma
7457	CNOT9	2	219457060	melanoma
7458	STK36	2	219553490	melanoma
7459	STK36	2	219563503	melanoma
7460	TTLL4	2	219614781	melanoma
7461	TTLL4	2	219617591	melanoma
7462	TTLL4	2	219618916	melanoma
7463	CYP27A1	2	219677769	melanoma
7464	PRKAG3	2	219688986	melanoma
7465	CRYBA2	2	219857874	melanoma
7466	CFAP65	2	219900187	melanoma
7467	IHH	2	219920384	Classic_like
7468	IHH	2	219920384	Gbm
7469	IHH	2	219920384	IDHwt
7470	IHH	2	219920384	IDHwt_priGBM
7471	IHH	2	219920384	LGG GBM
7472	NHEJ1	2	220022201	melanoma
7473	NHEJ1	2	220022964	melanoma
7474	SLC23A3	2	220028229	melanoma
7475	RETREG2	2	220043681	melanoma
7476	RETREG2	2	220043681	melanoma
7477	RETREG2	2	220044953	bladder
7478	ABCB6	2	220075498	melanoma
7479	ATG9A	2	220085585	hnscc
7480	ATG9A	2	220086849	melanoma
7481	GLB1L	2	220103270	Codel

7482	GLB1L	2	220103270	Codel
7483	GLB1L	2	220103270	IDHmut
7484	GLB1L	2	220103270	IDHmut
7485	GLB1L	2	220103270	IDHmut_codel
7486	GLB1L	2	220103270	IDHmut_codel
7487	GLB1L	2	220103270	LGG GBM
7488	GLB1L	2	220103270	LGG GBM
7489	GLB1L	2	220103270	Oligo
7490	GLB1L	2	220103270	Oligo
7491	GLB1L	2	220103270	Proneural
7492	GLB1L	2	220103270	Proneural
7493	GLB1L	2	220108249	Classic_like
7494	GLB1L	2	220108249	Classic_like
7495	GLB1L	2	220108249	Classic_like
7496	GLB1L	2	220108249	Gbm
7497	GLB1L	2	220108249	Gbm
7498	GLB1L	2	220108249	Gbm
7499	GLB1L	2	220108249	IDHwt
7500	GLB1L	2	220108249	IDHwt
7501	GLB1L	2	220108249	IDHwt
7502	GLB1L	2	220108249	IDHwt_priGBM
7503	GLB1L	2	220108249	IDHwt_priGBM
7504	GLB1L	2	220108249	IDHwt_priGBM
7505	GLB1L	2	220108249	LGG GBM
7506	GLB1L	2	220108249	LGG GBM
7507	GLB1L	2	220108249	LGG GBM
7508	GLB1L	2	220108249	Proneural
7509	GLB1L	2	220108249	Proneural
7510	GLB1L	2	220108249	Proneural
7511	STK16	2	220112957	melanoma
7512	STK16	2	220112957	melanoma
7513	STK16	2	220113247	melanoma
7514	TUBA4A	2	220115714	melanoma
7515	PTPRN	2	220161969	melanoma
7516	PTPRN	2	220161969	melanoma
7517	PTPRN	2	220161969	melanoma
7518	PTPRN	2	220161969	melanoma
7519	PTPRN	2	220161969	melanoma
7520	PTPRN	2	220161969	melanoma
7521	PTPRN	2	220164923	melanoma
7522	PTPRN	2	220168541	Codel
7523	PTPRN	2	220168541	IDHmut
7524	PTPRN	2	220168541	IDHmut_codel
7525	PTPRN	2	220168541	LGG GBM
7526	DES	2	220286104	Gbm
7527	DES	2	220286104	IDHwt
7528	DES	2	220286104	IDHwt_priGBM
7529	DES	2	220286104	LGG GBM
7530	DES	2	220286104	LGm6_GBM
7531	DES	2	220286104	Mesenchymal
7532	DES	2	220286194	Gbm
7533	DES	2	220286194	IDHwt
7534	DES	2	220286194	IDHwt_priGBM
7535	DES	2	220286194	LGG GBM
7536	DES	2	220286194	Mesenchymal_like
7537	SPEG	2	220342060	melanoma
7538	SPEG	2	220342060	melanoma
7539	SPEG	2	220347558	melanoma

7540	SPEG	2	220354382	melanoma
7541	SPEG	2	220354562	melanoma
7542	SPEG	2	220354562	melanoma
7543	ASIC4	2	220379733	melanoma
7544	ASIC4	2	220379838	Classic
7545	ASIC4	2	220379838	Classic
7546	ASIC4	2	220379838	Gbm
7547	ASIC4	2	220379838	Gbm
7548	ASIC4	2	220379838	IDHwt
7549	ASIC4	2	220379838	IDHwt
7550	ASIC4	2	220379838	IDHwt_priGBM
7551	ASIC4	2	220379838	IDHwt_priGBM
7552	ASIC4	2	220379838	LGG GBM
7553	ASIC4	2	220379838	LGG GBM
7554	ASIC4	2	220379838	Mesenchymal_like
7555	ASIC4	2	220379838	Mesenchymal_like
7556	ASIC4	2	220402427	melanoma
7557	CHPF	2	220404272	lung
7558	CHPF	2	220404272	lung
7559	OBSL1	2	220416458	melanoma
7560	OBSL1	2	220422920	Gbm
7561	OBSL1	2	220422920	IDHwt
7562	OBSL1	2	220422920	IDHwt_priGBM
7563	OBSL1	2	220422920	LGG GBM
7564	OBSL1	2	220422920	Mesenchymal_like
7565	OBSL1	2	220422920	Proneural
7566	OBSL1	2	220432506	melanoma
7567	STK11IP	2	220471201	melanoma
7568	STK11IP	2	220474104	melanoma
7569	STK11IP	2	220474104	melanoma
7570	STK11IP	2	220479830	melanoma
7571	EPHA4	2	222301808	melanoma
7572	EPHA4	2	222321395	Codel
7573	EPHA4	2	222321395	IDHmut
7574	EPHA4	2	222321395	IDHmut_codel
7575	EPHA4	2	222321395	LGG GBM
7576	EPHA4	2	222321395	Neural
7577	EPHA4	2	222321395	Oligo
7578	FARSB	2	223489020	bladder
7579	MOGAT1	2	223553183	melanoma
7580	MOGAT1	2	223559252	lung
7581	ACSL3	2	223781130	melanoma
7582	ACSL3	2	223781199	Classic_like
7583	ACSL3	2	223781199	Gbm
7584	ACSL3	2	223781199	IDHwt
7585	ACSL3	2	223781199	IDHwt_priGBM
7586	ACSL3	2	223781199	LGG GBM
7587	ACSL3	2	223781199	Proneural
7588	ACSL3	2	223791881	melanoma
7589	SERPINE2	2	224856564	melanoma
7590	FAM124B	2	225266211	Codel
7591	FAM124B	2	225266211	IDHmut
7592	FAM124B	2	225266211	IDHmut_codel
7593	FAM124B	2	225266211	LGG GBM
7594	FAM124B	2	225266211	Oligo
7595	FAM124B	2	225266211	Proneural
7596	FAM124B	2	225266256	Classic
7597	FAM124B	2	225266256	Classic

7598	FAM124B	2	225266256	Classic_like
7599	FAM124B	2	225266256	Classic_like
7600	FAM124B	2	225266256	Gbm
7601	FAM124B	2	225266256	Gbm
7602	FAM124B	2	225266256	IDHwt
7603	FAM124B	2	225266256	IDHwt
7604	FAM124B	2	225266256	IDHwt_priGBM
7605	FAM124B	2	225266256	IDHwt_priGBM
7606	FAM124B	2	225266256	LGG GBM
7607	FAM124B	2	225266256	LGG GBM
7608	CUL3	2	225370762	lung
7609	DOCK10	2	225630481	melanoma
7610	DOCK10	2	225672467	melanoma
7611	DOCK10	2	225710332	melanoma
7612	DOCK10	2	225719694	melanoma
7613	DOCK10	2	225739021	bladder
7614	DOCK10	2	225750865	melanoma
7615	NYAP2	2	226446813	melanoma
7616	NYAP2	2	226447410	melanoma
7617	NYAP2	2	226447410	melanoma
7618	NYAP2	2	226447545	melanoma
7619	NYAP2	2	226447629	IDHwt_priGBM2
7620	IRS1	2	227661167	melanoma
7621	RHBDD1	2	227729761	melanoma
7622	COL4A4	2	227872061	lung
7623	COL4A4	2	227872061	lung
7624	COL4A4	2	227942664	Classic_like
7625	COL4A4	2	227942664	Classic_like
7626	COL4A4	2	227942664	Gbm
7627	COL4A4	2	227942664	Gbm
7628	COL4A4	2	227942664	IDHwt
7629	COL4A4	2	227942664	IDHwt
7630	COL4A4	2	227942664	IDHwt_priGBM
7631	COL4A4	2	227942664	IDHwt_priGBM
7632	COL4A4	2	227942664	LGG GBM
7633	COL4A4	2	227942664	LGG GBM
7634	COL4A4	2	227942679	Classic_like
7635	COL4A4	2	227942679	Gbm
7636	COL4A4	2	227942679	IDHwt
7637	COL4A4	2	227942679	IDHwt_priGBM
7638	COL4A4	2	227942679	LGG GBM
7639	COL4A4	2	227953475	hnscc
7640	COL4A3	2	228141110	melanoma
7641	C2orf83	2	228476292	Classic
7642	C2orf83	2	228476292	Classic_like
7643	C2orf83	2	228476292	Gbm
7644	C2orf83	2	228476292	IDHwt
7645	C2orf83	2	228476292	IDHwt_priGBM
7646	C2orf83	2	228476292	LGG GBM
7647	C2orf83	2	228476303	melanoma
7648	SLC19A3	2	228552153	melanoma
7649	SLC19A3	2	228563995	Astr
7650	SLC19A3	2	228563995	GCIMP_high
7651	SLC19A3	2	228563995	IDHmut
7652	SLC19A3	2	228563995	IDHmut_noncodel
7653	SLC19A3	2	228563995	LGG GBM
7654	SLC19A3	2	228563995	Proneural
7655	SLC19A3	2	228564103	bladder

7656	CCL20	2	228680217	melanoma
7657	CCL20	2	228680217	melanoma
7658	DAW1	2	228767809	melanoma
7659	SPHKAP	2	228855823	bladder
7660	SPHKAP	2	228882577	melanoma
7661	SPHKAP	2	228882884	Gbm
7662	SPHKAP	2	228882884	IDHwt
7663	SPHKAP	2	228882884	IDHwt_priGBM
7664	SPHKAP	2	228882884	LGG GBM
7665	SPHKAP	2	228882884	Mesenchymal_like
7666	SPHKAP	2	228883427	melanoma
7667	SPHKAP	2	228883451	melanoma
7668	SPHKAP	2	228883615	melanoma
7669	SPHKAP	2	228883868	Gbm
7670	SPHKAP	2	228883868	IDHwt
7671	SPHKAP	2	228883868	IDHwt_priGBM
7672	SPHKAP	2	228883868	LGG GBM
7673	SPHKAP	2	228883868	Mesenchymal
7674	SPHKAP	2	228883868	Mesenchymal_like
7675	SPHKAP	2	228884017	melanoma
7676	SPHKAP	2	228886547	melanoma
7677	SPHKAP	2	228886571	lung
7678	SPHKAP	2	228890136	melanoma
7679	DNER	2	230456314	melanoma
7680	TRIP12	2	230667073	melanoma
7681	TRIP12	2	230667073	melanoma
7682	TRIP12	2	230705541	melanoma
7683	SLC16A14	2	230911336	melanoma
7684	SLC16A14	2	230924043	melanoma
7685	SP110	2	231036428	lung
7686	SP110	2	231037665	melanoma
7687	SP110	2	231077733	melanoma
7688	SP110	2	231077733	melanoma
7689	SP140	2	231101917	melanoma
7690	SP140	2	231101917	melanoma
7691	SP140L	2	231223823	bladder
7692	SP100	2	231405605	melanoma
7693	SP100	2	231405605	melanoma
7694	SP100	2	231405605	melanoma
7695	PSMD1	2	231936999	melanoma
7696	ARMC9	2	232079592	Codel
7697	ARMC9	2	232079592	IDHmut
7698	ARMC9	2	232079592	IDHmut_codel
7699	ARMC9	2	232079592	LGG GBM
7700	ARMC9	2	232079592	Oligo
7701	ARMC9	2	232079592	Proneural
7702	ARMC9	2	232127073	Gbm
7703	ARMC9	2	232127073	IDHwt
7704	ARMC9	2	232127073	IDHwt_priGBM
7705	ARMC9	2	232127073	LGG GBM
7706	ARMC9	2	232127073	LGm6_GBM
7707	ARMC9	2	232146821	melanoma
7708	ARMC9	2	232146821	melanoma
7709	B3GNT7	2	232262737	melanoma
7710	NCL	2	232321740	melanoma
7711	NCL	2	232327984	melanoma
7712	COPS7B	2	232653380	melanoma
7713	COPS7B	2	232663643	lung

7714	DIS3L2	2	232952281	melanoma
7715	DIS3L2	2	233194552	melanoma
7716	ALPP	2	233243720	bladder
7717	ALPP	2	233244353	Classic
7718	ALPP	2	233244353	Gbm
7719	ALPP	2	233244353	IDHwt
7720	ALPP	2	233244353	IDHwt_priGBM
7721	ALPP	2	233244353	LGG GBM
7722	ALPP	2	233244353	Mesenchymal_like
7723	ALPI	2	233322816	melanoma
7724	ALPI	2	233322816	melanoma
7725	ECEL1	2	233349197	Gbm
7726	ECEL1	2	233349197	IDHwt
7727	ECEL1	2	233349197	IDHwt_priGBM
7728	ECEL1	2	233349197	LGG GBM
7729	ECEL1	2	233349197	Mesenchymal_like
7730	CHRND	2	233396134	melanoma
7731	KCNJ13	2	233633001	melanoma
7732	KCNJ13	2	233633001	melanoma
7733	KCNJ13	2	233633140	Astr
7734	KCNJ13	2	233633140	Astr
7735	KCNJ13	2	233633140	GCIMP_low
7736	KCNJ13	2	233633140	GCIMP_low
7737	KCNJ13	2	233633140	IDHmut
7738	KCNJ13	2	233633140	IDHmut
7739	KCNJ13	2	233633140	IDHmut_noncodel
7740	KCNJ13	2	233633140	IDHmut_noncodel
7741	KCNJ13	2	233633140	LGG GBM
7742	KCNJ13	2	233633140	LGG GBM
7743	KCNJ13	2	233633140	Proneural
7744	KCNJ13	2	233633140	Proneural
7745	GIGYF2	2	233677124	melanoma
7746	NGEF	2	233791769	GCIMP_high
7747	NGEF	2	233791769	IDHmut
7748	NGEF	2	233791769	IDHmut_noncodel
7749	NGEF	2	233791769	LGG GBM
7750	NGEF	2	233791769	Proneural
7751	NGEF	2	233791813	melanoma
7752	NEU2	2	233898889	melanoma
7753	NEU2	2	233899517	melanoma
7754	NEU2	2	233899517	melanoma
7755	SAG	2	234217889	lung
7756	DGKD	2	234365915	melanoma
7757	DGKD	2	234365915	melanoma
7758	DGKD	2	234371341	Astr
7759	DGKD	2	234371341	Astr
7760	DGKD	2	234371341	IDHwt
7761	DGKD	2	234371341	IDHwt
7762	DGKD	2	234371341	LGG GBM
7763	DGKD	2	234371341	LGG GBM
7764	DGKD	2	234371341	Neural
7765	DGKD	2	234371341	Neural
7766	DGKD	2	234371341	PA_like
7767	DGKD	2	234371341	PA_like
7768	USP40	2	234386082	melanoma
7769	UGT1A8	2	234526910	melanoma
7770	UGT1A8	2	234526912	melanoma
7771	UGT1A10	2	234545316	melanoma

7772	UGT1A10	2	234545682	melanoma
7773	UGT1A9	2	234580600	melanoma
7774	UGT1A9	2	234580704	melanoma
7775	UGT1A9	2	234581091	melanoma
7776	UGT1A9	2	234581143	melanoma
7777	UGT1A7	2	234590921	melanoma
7778	UGT1A7	2	234591310	melanoma
7779	UGT1A7	2	234591431	Codel
7780	UGT1A7	2	234591431	IDHmut
7781	UGT1A7	2	234591431	IDHmut_codel
7782	UGT1A7	2	234591431	LGG GBM
7783	UGT1A7	2	234591431	Oligo
7784	UGT1A7	2	234591431	Proneural
7785	UGT1A6	2	234602158	melanoma
7786	UGT1A6	2	234602158	melanoma
7787	UGT1A6	2	234602431	melanoma
7788	UGT1A5	2	234621782	Classic
7789	UGT1A5	2	234621782	Classic_like
7790	UGT1A5	2	234621782	Gbm
7791	UGT1A5	2	234621782	IDHwt
7792	UGT1A5	2	234621782	IDHwt_priGBM
7793	UGT1A5	2	234621782	LGG GBM
7794	UGT1A5	2	234621899	melanoma
7795	UGT1A5	2	234622071	melanoma
7796	UGT1A4	2	234627942	melanoma
7797	UGT1A4	2	234627996	melanoma
7798	UGT1A3	2	234638020	melanoma
7799	UGT1A3	2	234638455	bladder
7800	UGT1A3	2	234638455	bladder
7801	UGT1A3	2	234638455	bladder
7802	Γ1A4;UGT1A5;UG	2	234676940	melanoma
7803	Γ1A4;UGT1A5;UG	2	234676940	melanoma
7804	Γ1A4;UGT1A5;UG	2	234676940	melanoma
7805	HJURP	2	234750821	melanoma
7806	TRPM8	2	234862624	melanoma
7807	TRPM8	2	234862624	melanoma
7808	TRPM8	2	234878429	melanoma
7809	TRPM8	2	234878429	melanoma
7810	TRPM8	2	234915547	melanoma
7811	SPP2	2	234959635	melanoma
7812	SPP2	2	234969067	lung
7813	ARL4C	2	235404833	melanoma
7814	SH3BP4	2	235943702	melanoma
7815	SH3BP4	2	235949727	melanoma
7816	SH3BP4	2	235950804	melanoma
7817	AGAP1	2	236653448	melanoma
7818	AGAP1	2	236659030	melanoma
7819	AGAP1	2	236706434	melanoma
7820	AGAP1	2	236706483	melanoma
7821	AGAP1	2	236706483	melanoma
7822	AGAP1	2	236949405	lung
7823	GBX2	2	237076279	lung
7824	IQCA1	2	237246920	melanoma
7825	IQCA1	2	237246920	melanoma
7826	IQCA1	2	237246920	melanoma
7827	IQCA1	2	237246995	melanoma
7828	IQCA1	2	237308089	melanoma
7829	COL6A3	2	238243401	melanoma

7830	COL6A3	2	238249109	melanoma
7831	COL6A3	2	238249109	melanoma
7832	COL6A3	2	238249727	Classic
7833	COL6A3	2	238249727	IDHwt
7834	COL6A3	2	238249727	LGG GBM
7835	COL6A3	2	238249727	Mesenchymal_like
7836	COL6A3	2	238249727	Oligo
7837	COL6A3	2	238253334	melanoma
7838	COL6A3	2	238274357	Astr
7839	COL6A3	2	238274357	Astr
7840	COL6A3	2	238274357	Classic
7841	COL6A3	2	238274357	Classic
7842	COL6A3	2	238274357	Classic_like
7843	COL6A3	2	238274357	Classic_like
7844	COL6A3	2	238274357	IDHwt
7845	COL6A3	2	238274357	IDHwt
7846	COL6A3	2	238274357	LGG GBM
7847	COL6A3	2	238274357	LGG GBM
7848	COL6A3	2	238287281	lung
7849	COL6A3	2	238289905	melanoma
7850	COL6A3	2	238303590	Classic
7851	COL6A3	2	238303590	Classic_like
7852	COL6A3	2	238303590	Gbm
7853	COL6A3	2	238303590	LGG GBM
7854	MLPH	2	238449557	bladder
7855	LRRFIP1	2	238671689	melanoma
7856	RBM44	2	238726374	melanoma
7857	SCLY	2	238978074	melanoma
7858	SCLY	2	239002554	Gbm
7859	SCLY	2	239002554	GCIMP_low
7860	SCLY	2	239002554	IDHmut
7861	SCLY	2	239002554	IDHmut_noncodel
7862	SCLY	2	239002554	LGG GBM
7863	SCLY	2	239002554	Proneural
7864	ESPNL	2	239033956	melanoma
7865	ESPNL	2	239033956	melanoma
7866	ESPNL	2	239036332	melanoma
7867	ESPNL	2	239039979	melanoma
7868	KLHL30	2	239049618	lung
7869	KLHL30	2	239059548	melanoma
7870	ASB1	2	239344569	melanoma
7871	HDAC4	2	240056070	melanoma
7872	HDAC4	2	240056070	melanoma
7873	HDAC4	2	240056070	melanoma
7874	HDAC4	2	240056070	melanoma
7875	HDAC4	2	240111707	melanoma
7876	NDUFA10	2	240944658	Classic
7877	NDUFA10	2	240944658	Gbm
7878	NDUFA10	2	240944658	IDHwt
7879	NDUFA10	2	240944658	IDHwt_priGBM
7880	NDUFA10	2	240944658	LGG GBM
7881	NDUFA10	2	240944658	Mesenchymal_like
7882	NDUFA10	2	240951091	melanoma
7883	OR6B2	2	240969203	melanoma
7884	OR6B3	2	240984690	melanoma
7885	OR6B3	2	240984690	melanoma
7886	OR6B3	2	240984730	melanoma
7887	OR6B3	2	240985270	Classic_like

7888	OR6B3	2	240985270	Gbm
7889	OR6B3	2	240985270	LGG GBM
7890	OR6B3	2	240985270	Mesenchymal
7891	ANKMY1	2	241463764	melanoma
7892	RNPEPL1	2	241512671	lung
7893	GPR35	2	241570136	Astr
7894	GPR35	2	241570136	IDHwt
7895	GPR35	2	241570136	LGG GBM
7896	GPR35	2	241570136	Neural
7897	GPR35	2	241570136	PA_like
7898	AQP12B	2	241621969	Classic
7899	AQP12B	2	241621969	Classic_like
7900	AQP12B	2	241621969	Gbm
7901	AQP12B	2	241621969	IDHwt
7902	AQP12B	2	241621969	IDHwt_priGBM
7903	AQP12B	2	241621969	LGG GBM
7904	KIF1A	2	241660428	melanoma
7905	KIF1A	2	241702147	melanoma
7906	KIF1A	2	241710455	melanoma
7907	C2orf54	2	241831156	melanoma
7908	C2orf54	2	241835194	melanoma
7909	MTERF4	2	242039251	melanoma
7910	PASK	2	242054483	melanoma
7911	PASK	2	242054483	melanoma
7912	PASK	2	242054483	melanoma
7913	PASK	2	242066588	melanoma
7914	PASK	2	242066589	melanoma
7915	PASK	2	242079424	hnscc
7916	PPP1R7	2	242089950	melanoma
7917	PPP1R7	2	242097252	melanoma
7918	ANO7	2	242149970	Classic_like
7919	ANO7	2	242149970	Gbm
7920	ANO7	2	242149970	IDHwt
7921	ANO7	2	242149970	IDHwt_priGBM
7922	ANO7	2	242149970	LGG GBM
7923	ANO7	2	242149970	Mesenchymal
7924	ANO7	2	242152036	melanoma
7925	2-Sep	2	242265465	melanoma
7926	FARP2	2	242350518	melanoma
7927	FARP2	2	242374441	melanoma
7928	FARP2	2	242401950	melanoma
7929	FARP2	2	242401950	melanoma
7930	FARP2	2	242432350	melanoma
7931	ING5	2	242650843	Codel
7932	ING5	2	242650843	IDHmut
7933	ING5	2	242650843	IDHmut_codel
7934	ING5	2	242650843	LGG GBM
7935	ING5	2	242650843	OligoAstr
7936	GAL3ST2	2	242741375	bladder
7937	NEU4	2	242755875	melanoma
7938	NEU4	2	242758271	melanoma
7939	PDCD1	2	242793341	lung
7940	PDCD1	2	242793371	melanoma
7941	RTP5	2	242813897	melanoma
7942	RTP5	2	242814228	Classic_like
7943	RTP5	2	242814228	IDHwt
7944	RTP5	2	242814228	LGG GBM
7945	RTP5	2	242814228	OligoAstr

7946	RTP5	2	242814228	Proneural
7947	RTP5	2	242814509	lung
7948	RTP5	2	242815361	Astr
7949	RTP5	2	242815361	Astr
7950	RTP5	2	242815361	Astr
7951	RTP5	2	242815361	IDHwt
7952	RTP5	2	242815361	IDHwt
7953	RTP5	2	242815361	IDHwt
7954	RTP5	2	242815361	LGG GBM
7955	RTP5	2	242815361	LGG GBM
7956	RTP5	2	242815361	LGG GBM
7957	RTP5	2	242815361	Neural
7958	RTP5	2	242815361	Neural
7959	RTP5	2	242815361	Neural
7960	RTP5	2	242815361	PA_like
7961	RTP5	2	242815361	PA_like
7962	RTP5	2	242815361	PA_like
7963	CHL1	3	361535	melanoma
7964	CHL1	3	361535	melanoma
7965	CHL1	3	369918	melanoma
7966	CHL1	3	391211	melanoma
7967	CHL1	3	391211	melanoma
7968	CHL1	3	391211	melanoma
7969	CHL1	3	405060	Classic_like
7970	CHL1	3	405060	Classic_like
7971	CHL1	3	405060	Gbm
7972	CHL1	3	405060	Gbm
7973	CHL1	3	405060	IDHwt
7974	CHL1	3	405060	IDHwt
7975	CHL1	3	405060	IDHwt_priGBM
7976	CHL1	3	405060	IDHwt_priGBM
7977	CHL1	3	405060	LGG GBM
7978	CHL1	3	405060	LGG GBM
7979	CHL1	3	405060	Mesenchymal
7980	CHL1	3	405060	Mesenchymal
7981	CHL1	3	424226	melanoma
7982	CHL1	3	440026	Classic
7983	CHL1	3	440026	Gbm
7984	CHL1	3	440026	IDHwt
7985	CHL1	3	440026	IDHwt_priGBM
7986	CHL1	3	440026	LGG GBM
7987	CHL1	3	440026	Mesenchymal_like
7988	CNTN6	3	1363374	melanoma
7989	CNTN6	3	1414568	melanoma
7990	CNTN6	3	1415366	melanoma
7991	CNTN6	3	1424680	Classic_like
7992	CNTN6	3	1424680	Gbm
7993	CNTN6	3	1424680	IDHwt
7994	CNTN6	3	1424680	IDHwt_priGBM
7995	CNTN6	3	1424680	LGG GBM
7996	CNTN6	3	1424851	melanoma
7997	CNTN4	3	2967443	melanoma
7998	IL5RA	3	3139680	Gbm
7999	IL5RA	3	3139680	IDHwt
8000	IL5RA	3	3139680	IDHwt_priGBM
8001	IL5RA	3	3139680	LGG GBM
8002	IL5RA	3	3139680	LGm6_GBM
8003	IL5RA	3	3139680	Mesenchymal

8004	IL5RA	3	3146598	GCIMP_high
8005	IL5RA	3	3146598	GCIMP_high
8006	IL5RA	3	3146598	IDHmut
8007	IL5RA	3	3146598	IDHmut
8008	IL5RA	3	3146598	IDHmut_noncodel
8009	IL5RA	3	3146598	IDHmut_noncodel
8010	IL5RA	3	3146598	LGG GBM
8011	IL5RA	3	3146598	LGG GBM
8012	IL5RA	3	3146598	Oligo
8013	IL5RA	3	3146598	Oligo
8014	IL5RA	3	3146598	Proneural
8015	IL5RA	3	3146598	Proneural
8016	LRRN1	3	3886968	melanoma
8017	LRRN1	3	3887535	melanoma
8018	LRRN1	3	3887975	melanoma
8019	LRRN1	3	3888352	melanoma
8020	LRRN1	3	3888352	melanoma
8021	SETMAR	3	4358331	lung
8022	SUMF1	3	4461773	melanoma
8023	ITPR1	3	4683876	melanoma
8024	ITPR1	3	4683876	melanoma
8025	ITPR1	3	4683919	melanoma
8026	ITPR1	3	4711427	melanoma
8027	ITPR1	3	4747982	melanoma
8028	ITPR1	3	4776970	melanoma
8029	ITPR1	3	4836803	melanoma
8030	ITPR1	3	4859858	IDHwt_priGBM2
8031	BHLHE40	3	5023086	bladder
8032	GRM7	3	6903093	Classic
8033	GRM7	3	6903093	Classic_like
8034	GRM7	3	6903093	Gbm
8035	GRM7	3	6903093	IDHwt
8036	GRM7	3	6903093	IDHwt_priGBM
8037	GRM7	3	6903093	LGG GBM
8038	GRM7	3	7188146	Gbm
8039	GRM7	3	7188146	IDHwt
8040	GRM7	3	7188146	IDHwt_priGBM
8041	GRM7	3	7188146	LGG GBM
8042	GRM7	3	7188146	Mesenchymal_like
8043	GRM7	3	7348301	melanoma
8044	GRM7	3	7503395	melanoma
8045	GRM7	3	7620374	melanoma
8046	GRM7	3	7721781	melanoma
8047	LMCD1	3	8590350	melanoma
8048	LMCD1	3	8609271	melanoma
8049	SRGAP3	3	9027306	lung
8050	SETD5	3	9476091	GCIMP_high
8051	SETD5	3	9476091	IDHmut
8052	SETD5	3	9476091	IDHmut_noncodel
8053	SETD5	3	9476091	LGG GBM
8054	SETD5	3	9476091	OligoAstr
8055	SETD5	3	9476091	Proneural
8056	SETD5	3	9489668	melanoma
8057	SETD5	3	9489668	melanoma
8058	SETD5	3	9489668	melanoma
8059	SETD5	3	9512383	melanoma
8060	RPC4;ARPC4-TTL	3	9843362	bladder
8061	RPC4;ARPC4-TTL	3	9843420	melanoma

8062	RPC4-TTLL3;TTLL	3	9876480	melanoma
8063	CIDEC	3	9911660	GCIMP_high
8064	CIDEC	3	9911660	IDHmut
8065	CIDEC	3	9911660	IDHmut_noncodel
8066	CIDEC	3	9911660	LGG GBM
8067	CIDEC	3	9911660	OligoAstr
8068	IL17RC	3	9959404	melanoma
8069	EMC3	3	10011447	melanoma
8070	FANCD2	3	10083383	GCIMP_high
8071	FANCD2	3	10083383	IDHmut
8072	FANCD2	3	10083383	IDHmut_noncodel
8073	FANCD2	3	10083383	LGG GBM
8074	FANCD2	3	10083383	OligoAstr
8075	FANCD2	3	10106426	melanoma
8076	FANCD2	3	10106426	melanoma
8077	FANCD2	3	10108908	Gbm
8078	FANCD2	3	10108908	Gbm
8079	FANCD2	3	10108908	IDHwt
8080	FANCD2	3	10108908	IDHwt
8081	FANCD2	3	10108908	IDHwt_priGBM
8082	FANCD2	3	10108908	IDHwt_priGBM
8083	FANCD2	3	10108908	LGG GBM
8084	FANCD2	3	10108908	LGG GBM
8085	FANCD2	3	10108908	Mesenchymal
8086	FANCD2	3	10108908	Mesenchymal
8087	FANCD2	3	10108908	Mesenchymal_like
8088	FANCD2	3	10108908	Mesenchymal_like
8089	FANCD2OS	3	10146088	hnsc
8090	FANCD2OS	3	10146290	bladder
8091	FANCD2OS	3	10146290	bladder
8092	IRAK2	3	10276317	melanoma
8093	IRAK2	3	10276317	melanoma
8094	TATDN2	3	10291138	melanoma
8095	TATDN2	3	10291138	melanoma
8096	TATDN2	3	10312499	lung
8097	ATP2B2	3	10391870	melanoma
8098	ATP2B2	3	10392144	melanoma
8099	ATP2B2	3	10401656	melanoma
8100	ATP2B2	3	10413578	melanoma
8101	ATP2B2	3	10413690	bladder
8102	ATP2B2	3	10417182	melanoma
8103	ATP2B2	3	10452326	melanoma
8104	SLC6A11	3	10976871	melanoma
8105	SLC6A1	3	11059109	melanoma
8106	SLC6A1	3	11076263	melanoma
8107	HRH1	3	11300934	melanoma
8108	HRH1	3	11300934	melanoma
8109	HRH1	3	11300940	melanoma
8110	HRH1	3	11300940	melanoma
8111	HRH1	3	11300940	melanoma
8112	HRH1	3	11300940	melanoma
8113	HRH1	3	11301669	melanoma
8114	HRH1	3	11301951	melanoma
8115	ATG7	3	11374546	melanoma
8116	VGLL4	3	11600172	melanoma
8117	VGLL4	3	11600251	melanoma
8118	TAMM41	3	11871244	melanoma
8119	TIMP4	3	12195096	melanoma

8120	TIMP4	3	12200273	melanoma
8121	PPARG	3	12421260	melanoma
8122	PPARG	3	12458273	melanoma
8123	PPARG	3	12475550	GCIMP_high
8124	PPARG	3	12475550	IDHmut
8125	PPARG	3	12475550	IDHmut_noncode1
8126	PPARG	3	12475550	LGG GBM
8127	PPARG	3	12475550	Proneural
8128	PPARG	3	12475609	melanoma
8129	RPL32	3	12880914	melanoma
8130	IQSEC1	3	12962058	melanoma
8131	NUP210	3	13368822	melanoma
8132	NUP210	3	13395504	melanoma
8133	NUP210	3	13395504	melanoma
8134	NUP210	3	13401985	melanoma
8135	NUP210	3	13421123	lung
8136	NUP210	3	13427892	melanoma
8137	NUP210	3	13427892	melanoma
8138	FBLN2	3	13679189	Gbm
8139	FBLN2	3	13679189	IDHwt
8140	FBLN2	3	13679189	IDHwt_priGBM
8141	FBLN2	3	13679189	LGG GBM
8142	FBLN2	3	13679189	Mesenchymal
8143	FBLN2	3	13679189	Mesenchymal_like
8144	XPC	3	14199948	lung
8145	XPC	3	14199948	lung
8146	XPC	3	14200220	lung
8147	SLC6A6	3	14513770	Gbm
8148	SLC6A6	3	14513770	Gbm
8149	SLC6A6	3	14513770	LGG GBM
8150	SLC6A6	3	14513770	LGG GBM
8151	SLC6A6	3	14513770	Mesenchymal_like
8152	SLC6A6	3	14513770	Mesenchymal_like
8153	SLC6A6	3	14513770	Neural
8154	SLC6A6	3	14513770	Neural
8155	CCDC174	3	14711470	melanoma
8156	C3orf20	3	14724485	melanoma
8157	C3orf20	3	14745888	melanoma
8158	C3orf20	3	14755602	melanoma
8159	C3orf20	3	14799018	Gbm
8160	C3orf20	3	14799018	IDHwt
8161	C3orf20	3	14799018	IDHwt_priGBM
8162	C3orf20	3	14799018	LGG GBM
8163	C3orf20	3	14799018	Mesenchymal
8164	C3orf20	3	14799018	Mesenchymal_like
8165	FGD5	3	14861980	melanoma
8166	FGD5	3	14862145	melanoma
8167	FGD5	3	14862563	lung
8168	FGD5	3	14862563	lung
8169	FGD5	3	14939498	melanoma
8170	FGD5	3	14965578	melanoma
8171	FGD5	3	14965578	melanoma
8172	FGD5	3	14974216	melanoma
8173	RBSN	3	15126521	melanoma
8174	CAPN7	3	15262389	melanoma
8175	CAPN7	3	15262389	melanoma
8176	SH3BP5	3	15311336	bladder
8177	SH3BP5	3	15345716	melanoma

8178	SH3BP5	3	15345716	melanoma
8179	COLQ	3	15529807	melanoma
8180	COLQ	3	15529807	melanoma
8181	HACL1	3	15609436	bladder
8182	HACL1	3	15642964	melanoma
8183	BTD	3	15683436	melanoma
8184	BTD	3	15686450	melanoma
8185	ANKRD28	3	15753667	melanoma
8186	ANKRD28	3	15762504	melanoma
8187	ANKRD28	3	15778658	melanoma
8188	GALNT15	3	16237289	melanoma
8189	GALNT15	3	16237289	melanoma
8190	GALNT15	3	16237299	melanoma
8191	GALNT15	3	16237299	melanoma
8192	GALNT15	3	16242207	melanoma
8193	GALNT15	3	16252645	melanoma
8194	DAZL	3	16639034	melanoma
8195	DAZL	3	16639034	melanoma
8196	DAZL	3	16639034	melanoma
8197	PLCL2	3	17051310	melanoma
8198	PLCL2	3	17051310	melanoma
8199	PLCL2	3	17051427	melanoma
8200	PLCL2	3	17051860	bladder
8201	PLCL2	3	17051860	bladder
8202	PLCL2	3	17051904	melanoma
8203	PLCL2	3	17051973	melanoma
8204	PLCL2	3	17052778	melanoma
8205	PLCL2	3	17052802	melanoma
8206	PLCL2	3	17052849	melanoma
8207	PLCL2	3	17131375	melanoma
8208	TBC1D5	3	17226646	melanoma
8209	SATB1	3	18390999	melanoma
8210	SATB1	3	18436040	melanoma
8211	SATB1	3	18458448	melanoma
8212	SATB1	3	18458448	melanoma
8213	KCNH8	3	19389439	GCIMP_high
8214	KCNH8	3	19389439	IDHmut
8215	KCNH8	3	19389439	IDHmut_noncode1
8216	KCNH8	3	19389439	LGG GBM
8217	KCNH8	3	19389439	OligoAstr
8218	KCNH8	3	19389439	Proneural
8219	KCNH8	3	19498370	melanoma
8220	KCNH8	3	19498370	melanoma
8221	KCNH8	3	19498370	melanoma
8222	KCNH8	3	19574969	Gbm
8223	KCNH8	3	19574969	Gbm
8224	KCNH8	3	19574969	IDHwt
8225	KCNH8	3	19574969	IDHwt
8226	KCNH8	3	19574969	IDHwt_priGBM
8227	KCNH8	3	19574969	IDHwt_priGBM
8228	KCNH8	3	19574969	LGG GBM
8229	KCNH8	3	19574969	LGG GBM
8230	KCNH8	3	19574969	Mesenchymal_like
8231	KCNH8	3	19574969	Mesenchymal_like
8232	KCNH8	3	19575017	melanoma
8233	EFHB	3	19938201	melanoma
8234	EFHB	3	19938201	melanoma
8235	EFHB	3	19956875	melanoma

8236	EFHB	3	19956875	melanoma
8237	SGO1	3	20215815	lung
8238	ZNF385D	3	21462765	Gbm
8239	ZNF385D	3	21462765	IDHwt
8240	ZNF385D	3	21462765	IDHwt_priGBM
8241	ZNF385D	3	21462765	LGG GBM
8242	ZNF385D	3	21462765	LGm6_GBM
8243	ZNF385D	3	21462765	Mesenchymal
8244	ZNF385D	3	21462780	lung
8245	ZNF385D	3	21462796	lung
8246	ZNF385D	3	21467126	melanoma
8247	ZNF385D	3	21606131	melanoma
8248	UBE2E2	3	23541214	melanoma
8249	NR1D2	3	24009463	melanoma
8250	THRB	3	24188169	melanoma
8251	THRB	3	24193913	melanoma
8252	RARB	3	25215976	IDHwt
8253	RARB	3	25215976	LGG GBM
8254	RARB	3	25215976	Mesenchymal
8255	RARB	3	25215976	Mesenchymal_like
8256	RARB	3	25215976	Oligo
8257	RARB	3	25635124	melanoma
8258	RARB	3	25635124	melanoma
8259	TOP2B	3	25657017	melanoma
8260	TOP2B	3	25662193	melanoma
8261	NGLY1	3	25820105	bladder
8262	OXSM	3	25833118	melanoma
8263	LRR3B	3	26751248	melanoma
8264	LRR3B	3	26751288	melanoma
8265	LRR3B	3	26751288	melanoma
8266	LRR3B	3	26751614	melanoma
8267	NEK10	3	27233664	melanoma
8268	NEK10	3	27243984	melanoma
8269	NEK10	3	27333070	melanoma
8270	NEK10	3	27333070	melanoma
8271	SLC4A7	3	27424683	lung
8272	SLC4A7	3	27436459	melanoma
8273	SLC4A7	3	27463120	lung
8274	EOMES	3	27759018	melanoma
8275	EOMES	3	27759097	melanoma
8276	AZI2	3	28378352	bladder
8277	RBMS3	3	30032579	Gbm
8278	RBMS3	3	30032579	Gbm
8279	RBMS3	3	30032579	IDHwt
8280	RBMS3	3	30032579	IDHwt
8281	RBMS3	3	30032579	IDHwt_priGBM
8282	RBMS3	3	30032579	IDHwt_priGBM
8283	RBMS3	3	30032579	LGG GBM
8284	RBMS3	3	30032579	LGG GBM
8285	RBMS3	3	30032579	Mesenchymal_like
8286	RBMS3	3	30032579	Mesenchymal_like
8287	RBMS3	3	30032579	Proneural
8288	RBMS3	3	30032579	Proneural
8289	RBMS3	3	30032616	melanoma
8290	TGFBR2	3	30713612	IDHwt_priGBM2
8291	TGFBR2	3	30729914	GCIMP_high
8292	TGFBR2	3	30729914	IDHmut
8293	TGFBR2	3	30729914	IDHmut_noncodel

8294	TGFBR2	3	30729914	LGG GBM
8295	TGFBR2	3	30729914	Mesenchymal
8296	TGFBR2	3	30729914	OligoAstr
8297	GADL1	3	30769784	melanoma
8298	GADL1	3	30769841	melanoma
8299	GADL1	3	30875769	melanoma
8300	GADL1	3	30880557	melanoma
8301	GADL1	3	30885739	Gbm
8302	GADL1	3	30885739	IDHwt
8303	GADL1	3	30885739	IDHwt_priGBM
8304	GADL1	3	30885739	LGG GBM
8305	GADL1	3	30885739	Mesenchymal
8306	GADL1	3	30885739	Mesenchymal_like
8307	OSBPL10	3	31725338	melanoma
8308	OSBPL10	3	31725603	melanoma
8309	ZNF860	3	32030609	melanoma
8310	ZNF860	3	32030672	melanoma
8311	ZNF860	3	32031049	melanoma
8312	ZNF860	3	32031901	melanoma
8313	CMTM8	3	32398920	melanoma
8314	CMTM8	3	32398920	melanoma
8315	CNOT10	3	32754815	Astr
8316	CNOT10	3	32754815	GCIMP_high
8317	CNOT10	3	32754815	IDHmut
8318	CNOT10	3	32754815	IDHmut_noncodel
8319	CNOT10	3	32754815	LGG GBM
8320	CNOT10	3	32754815	Proneural
8321	TRIM71	3	32932723	Codel
8322	TRIM71	3	32932723	IDHmut
8323	TRIM71	3	32932723	IDHmut_codel
8324	TRIM71	3	32932723	LGG GBM
8325	TRIM71	3	32932723	Oligo
8326	TRIM71	3	32932723	Proneural
8327	TRIM71	3	32932914	Codel
8328	TRIM71	3	32932914	IDHmut
8329	TRIM71	3	32932914	IDHmut_codel
8330	TRIM71	3	32932914	LGG GBM
8331	TRIM71	3	32932914	Neural
8332	TRIM71	3	32932914	OligoAstr
8333	TRIM71	3	32933254	melanoma
8334	CCR4	3	32995080	melanoma
8335	CCR4	3	32995080	melanoma
8336	CCR4	3	32995080	melanoma
8337	CCR4	3	32995080	melanoma
8338	GLB1	3	33038809	melanoma
8339	GLB1	3	33093414	melanoma
8340	GLB1	3	33109728	Codel
8341	GLB1	3	33109728	IDHmut
8342	GLB1	3	33109728	IDHmut_codel
8343	GLB1	3	33109728	LGG GBM
8344	GLB1	3	33109728	Oligo
8345	GLB1	3	33109728	Proneural
8346	TMPPE	3	33134458	lung
8347	TMPPE	3	33135080	melanoma
8348	TMPPE	3	33135150	lung
8349	FBXL2	3	33416860	melanoma
8350	UBP1	3	33450240	bladder
8351	CLASP2	3	33729811	melanoma

8352	CLASP2	3	33729811	melanoma
8353	PDCD6IP	3	33877578	melanoma
8354	ARPP21	3	35723335	melanoma
8355	ARPP21	3	35833997	melanoma
8356	ARPP21	3	35833997	melanoma
8357	DCLK3	3	36756967	melanoma
8358	DCLK3	3	36756967	melanoma
8359	DCLK3	3	36756967	melanoma
8360	DCLK3	3	36763038	melanoma
8361	DCLK3	3	36763038	melanoma
8362	DCLK3	3	36778887	melanoma
8363	DCLK3	3	36779958	Astr
8364	DCLK3	3	36779958	IDHwt
8365	DCLK3	3	36779958	LGG GBM
8366	DCLK3	3	36779958	Neural
8367	DCLK3	3	36779958	PA like
8368	TRANK1	3	36873635	melanoma
8369	TRANK1	3	36873638	melanoma
8370	TRANK1	3	36873638	melanoma
8371	TRANK1	3	36873638	melanoma
8372	TRANK1	3	36873789	melanoma
8373	TRANK1	3	36873789	melanoma
8374	TRANK1	3	36874332	melanoma
8375	TRANK1	3	36896948	Codel
8376	TRANK1	3	36896948	Codel
8377	TRANK1	3	36896948	IDHmut
8378	TRANK1	3	36896948	IDHmut
8379	TRANK1	3	36896948	IDHmut_codel
8380	TRANK1	3	36896948	IDHmut_codel
8381	TRANK1	3	36896948	LGG GBM
8382	TRANK1	3	36896948	LGG GBM
8383	TRANK1	3	36896948	Oligo
8384	TRANK1	3	36896948	Oligo
8385	TRANK1	3	36896948	Proneural
8386	TRANK1	3	36896948	Proneural
8387	TRANK1	3	36897235	lung
8388	TRANK1	3	36897264	melanoma
8389	TRANK1	3	36898419	bladder
8390	TRANK1	3	36899292	lung
8391	EPM2AIP1	3	37033413	melanoma
8392	EPM2AIP1	3	37033413	melanoma
8393	LRRFIP2	3	37100371	bladder
8394	LRRFIP2	3	37149583	bladder
8395	LRRFIP2	3	37149583	bladder
8396	LRRFIP2	3	37149583	bladder
8397	GOLGA4	3	37365106	melanoma
8398	GOLGA4	3	37368739	lung
8399	GOLGA4	3	37369109	GCIMP_high
8400	GOLGA4	3	37369109	IDHmut
8401	GOLGA4	3	37369109	IDHmut_noncodel
8402	GOLGA4	3	37369109	LGG GBM
8403	GOLGA4	3	37369109	Oligo
8404	ITGA9	3	37544765	melanoma
8405	ITGA9	3	37583996	Gbm
8406	ITGA9	3	37583996	Gbm
8407	ITGA9	3	37583996	IDHwt
8408	ITGA9	3	37583996	IDHwt
8409	ITGA9	3	37583996	IDHwt_priGBM

8410	ITGA9	3	37583996	IDHwt_priGBM
8411	ITGA9	3	37583996	LGG GBM
8412	ITGA9	3	37583996	LGG GBM
8413	ITGA9	3	37583996	Mesenchymal_like
8414	ITGA9	3	37583996	Mesenchymal_like
8415	ITGA9	3	37583996	lung
8416	ITGA9	3	37583996	lung
8417	ITGA9	3	37670769	lung
8418	CTDSPL	3	38006065	melanoma
8419	CTDSPL	3	38006065	melanoma
8420	CTDSPL	3	38006156	melanoma
8421	PLCD1	3	38049577	melanoma
8422	PLCD1	3	38050580	melanoma
8423	PLCD1	3	38050580	melanoma
8424	PLCD1	3	38058069	melanoma
8425	DLEC1	3	38127854	melanoma
8426	DLEC1	3	38135245	melanoma
8427	DLEC1	3	38139371	melanoma
8428	DLEC1	3	38139371	melanoma
8429	DLEC1	3	38151630	melanoma
8430	ACAA1	3	38167698	melanoma
8431	ACAA1	3	38167698	melanoma
8432	MYD88	3	38181483	melanoma
8433	OXSRI	3	38266149	Classic
8434	OXSRI	3	38266149	Classic_like
8435	OXSRI	3	38266149	Gbm
8436	OXSRI	3	38266149	IDHwt
8437	OXSRI	3	38266149	IDHwt_priGBM
8438	OXSRI	3	38266149	LGG GBM
8439	SLC22A13	3	38315836	melanoma
8440	SLC22A13	3	38318522	melanoma
8441	SLC22A13	3	38318922	melanoma
8442	SLC22A14	3	38354546	melanoma
8443	SLC22A14	3	38355417	melanoma
8444	SLC22A14	3	38357981	melanoma
8445	XYLB	3	38414186	melanoma
8446	XYLB	3	38442433	melanoma
8447	ACVR2B	3	38524780	bladder
8448	ACVR2B	3	38524780	bladder
8449	EXOG	3	38538018	melanoma
8450	EXOG	3	38539204	melanoma
8451	SCN5A	3	38592159	melanoma
8452	SCN5A	3	38627399	melanoma
8453	SCN5A	3	38627413	bladder
8454	SCN5A	3	38647629	melanoma
8455	SCN5A	3	38647629	melanoma
8456	SCN5A	3	38647629	melanoma
8457	SCN5A	3	38647629	melanoma
8458	SCN5A	3	38647629	melanoma
8459	SCN5A	3	38648171	melanoma
8460	SCN5A	3	38655522	melanoma
8461	SCN5A	3	38671838	melanoma
8462	SCN10A	3	38738884	melanoma
8463	SCN10A	3	38738884	melanoma
8464	SCN10A	3	38738956	melanoma
8465	SCN10A	3	38739105	lung
8466	SCN10A	3	38739105	lung
8467	SCN10A	3	38739189	melanoma

8468	SCN10A	3	38739301	melanoma
8469	SCN10A	3	38739634	melanoma
8470	SCN10A	3	38739802	melanoma
8471	SCN10A	3	38755504	melanoma
8472	SCN10A	3	38768317	melanoma
8473	SCN10A	3	38770211	melanoma
8474	SCN10A	3	38770211	melanoma
8475	SCN10A	3	38770307	melanoma
8476	SCN10A	3	38770388	lung
8477	SCN10A	3	38770388	lung
8478	SCN10A	3	38770388	lung
8479	SCN10A	3	38791620	melanoma
8480	SCN10A	3	38791669	melanoma
8481	SCN10A	3	38797385	lung
8482	SCN10A	3	38797385	lung
8483	SCN10A	3	38798188	melanoma
8484	SCN10A	3	38798531	melanoma
8485	SCN10A	3	38812843	melanoma
8486	SCN10A	3	38830507	melanoma
8487	SCN11A	3	38888440	melanoma
8488	SCN11A	3	38888832	melanoma
8489	SCN11A	3	38889002	melanoma
8490	SCN11A	3	38892224	Classic_like
8491	SCN11A	3	38892224	Gbm
8492	SCN11A	3	38892224	IDHwt
8493	SCN11A	3	38892224	IDHwt_priGBM
8494	SCN11A	3	38892224	LGG GBM
8495	SCN11A	3	38892224	Mesenchymal
8496	SCN11A	3	38949582	melanoma
8497	SCN11A	3	38949582	melanoma
8498	SCN11A	3	38949598	melanoma
8499	WDR48	3	39107366	melanoma
8500	TTC21A	3	39179140	Classic
8501	TTC21A	3	39179140	Classic_like
8502	TTC21A	3	39179140	IDHwt
8503	TTC21A	3	39179140	LGG GBM
8504	TTC21A	3	39179140	OligoAstr
8505	CSRNP1	3	39184898	melanoma
8506	CSRNP1	3	39188146	Gbm
8507	CSRNP1	3	39188146	IDHwt
8508	CSRNP1	3	39188146	IDHwt_priGBM
8509	CSRNP1	3	39188146	LGG GBM
8510	CSRNP1	3	39188146	Mesenchymal_like
8511	CSRNP1	3	39188146	Proneural
8512	XIRP1	3	39226043	melanoma
8513	XIRP1	3	39227182	GCIMP_high
8514	XIRP1	3	39227182	IDHmut
8515	XIRP1	3	39227182	IDHmut_noncodel
8516	XIRP1	3	39227182	LGG GBM
8517	XIRP1	3	39227182	OligoAstr
8518	XIRP1	3	39227182	Proneural
8519	XIRP1	3	39227614	melanoma
8520	XIRP1	3	39229343	melanoma
8521	CX3CR1	3	39307237	IDHwt_priGBM2
8522	CX3CR1	3	39307436	Gbm
8523	CX3CR1	3	39307436	Gbm
8524	CX3CR1	3	39307436	IDHwt
8525	CX3CR1	3	39307436	IDHwt

8526	CX3CR1	3	39307436	IDHwt_priGBM
8527	CX3CR1	3	39307436	IDHwt_priGBM
8528	CX3CR1	3	39307436	LGG GBM
8529	CX3CR1	3	39307436	LGG GBM
8530	CX3CR1	3	39307436	Mesenchymal
8531	CX3CR1	3	39307436	Mesenchymal
8532	CX3CR1	3	39307436	Mesenchymal_like
8533	CX3CR1	3	39307436	Mesenchymal_like
8534	CX3CR1	3	39307448	melanoma
8535	MYRIP	3	39942341	bladder
8536	MYRIP	3	39942341	bladder
8537	MYRIP	3	40208714	melanoma
8538	MYRIP	3	40231412	melanoma
8539	CTNNB1	3	41266113	melanoma
8540	CTNNB1	3	41266137	melanoma
8541	CTNNB1	3	41268826	Codel
8542	CTNNB1	3	41268826	Codel
8543	CTNNB1	3	41268826	IDHmut
8544	CTNNB1	3	41268826	IDHmut
8545	CTNNB1	3	41268826	IDHmut_codel
8546	CTNNB1	3	41268826	IDHmut_codel
8547	CTNNB1	3	41268826	LGG GBM
8548	CTNNB1	3	41268826	LGG GBM
8549	CTNNB1	3	41268826	Oligo
8550	CTNNB1	3	41268826	Oligo
8551	CTNNB1	3	41268826	Proneural
8552	CTNNB1	3	41268826	Proneural
8553	SEC22C	3	42605095	melanoma
8554	NKTR	3	42681233	melanoma
8555	HHATL	3	42735116	melanoma
8556	ACKR2	3	42906308	melanoma
8557	ACKR2	3	42906308	melanoma
8558	CYP8B1	3	42916203	Classic_like
8559	CYP8B1	3	42916203	Gbm
8560	CYP8B1	3	42916203	IDHwt
8561	CYP8B1	3	42916203	IDHwt_priGBM
8562	CYP8B1	3	42916203	LGG GBM
8563	CYP8B1	3	42916203	Proneural
8564	CYP8B1	3	42916437	melanoma
8565	CYP8B1	3	42916936	melanoma
8566	ZNF662	3	42956709	melanoma
8567	POMGNT2	3	43121710	melanoma
8568	ANO10	3	43602834	melanoma
8569	ANO10	3	43618655	melanoma
8570	ABHD5	3	43756478	melanoma
8571	ABHD5	3	43759326	lung
8572	TOPAZ1	3	44285556	melanoma
8573	ZKSCAN7	3	44612739	melanoma
8574	ZKSCAN7	3	44612739	melanoma
8575	197;ZNF660-ZNF	3	44670750	melanoma
8576	ZNF501	3	44776715	melanoma
8577	ZDHHC3	3	44968251	melanoma
8578	CDCP1	3	45132817	melanoma
8579	CDCP1	3	45132817	melanoma
8580	CDCP1	3	45136851	melanoma
8581	CDCP1	3	45152250	melanoma
8582	LARS2	3	45441827	melanoma
8583	LARS2	3	45537789	melanoma

8584	LARS2	3	45537789	melanoma
8585	LARS2	3	45557610	melanoma
8586	LARS2	3	45557610	melanoma
8587	LARS2	3	45557702	melanoma
8588	LARS2	3	45557702	melanoma
8589	LIMD1	3	45637408	melanoma
8590	SACM1L	3	45751042	Astr
8591	SACM1L	3	45751042	Codel
8592	SACM1L	3	45751042	IDHmut
8593	SACM1L	3	45751042	IDHmut_codel
8594	SACM1L	3	45751042	LGG GBM
8595	SACM1L	3	45751042	Mesenchymal
8596	SLC6A20	3	45812878	melanoma
8597	CCR9	3	45942755	melanoma
8598	CXCR6	3	45988172	melanoma
8599	CXCR6	3	45988815	melanoma
8600	FYCO1	3	46007821	melanoma
8601	FYCO1	3	46009093	melanoma
8602	FYCO1	3	46009778	melanoma
8603	XCR1	3	46062830	lung
8604	XCR1	3	46062830	lung
8605	XCR1	3	46062830	lung
8606	XCR1	3	46063111	melanoma
8607	CCR1	3	46245154	bladder
8608	CCR1	3	46245372	melanoma
8609	CCR1	3	46245582	melanoma
8610	CCR1	3	46245582	melanoma
8611	CCR3	3	46307700	melanoma
8612	CCR2	3	46399790	melanoma
8613	CCR5	3	46414869	Gbm
8614	CCR5	3	46414869	IDHwt
8615	CCR5	3	46414869	IDHwt_priGBM
8616	CCR5	3	46414869	LGG GBM
8617	CCR5	3	46414869	LGm6_GBM
8618	CCR5	3	46414869	Proneural
8619	CCR5	3	46415307	lung
8620	CCRL2	3	46450204	melanoma
8621	LTF	3	46490484	Gbm
8622	LTF	3	46490484	IDHwt
8623	LTF	3	46490484	IDHwt_priGBM
8624	LTF	3	46490484	LGG GBM
8625	LTF	3	46490484	Mesenchymal
8626	LTF	3	46492059	melanoma
8627	RTP3	3	46541866	melanoma
8628	RTP3	3	46541909	melanoma
8629	RTP3	3	46541909	melanoma
8630	RTP3	3	46542220	lung
8631	RTP3	3	46542220	lung
8632	LRRC2	3	46568977	Astr
8633	LRRC2	3	46568977	Astr
8634	LRRC2	3	46568977	GCIMP_high
8635	LRRC2	3	46568977	GCIMP_high
8636	LRRC2	3	46568977	IDHmut
8637	LRRC2	3	46568977	IDHmut
8638	LRRC2	3	46568977	IDHmut_noncodel
8639	LRRC2	3	46568977	IDHmut_noncodel
8640	LRRC2	3	46568977	LGG GBM
8641	LRRC2	3	46568977	LGG GBM

8642	LRRC2	3	46568977	Neural
8643	LRRC2	3	46568977	Neural
8644	LRRC2	3	46571488	melanoma
8645	LRRC2	3	46571488	melanoma
8646	TDGF1	3	46619488	melanoma
8647	TDGF1	3	46619488	melanoma
8648	TDGF1	3	46620845	melanoma
8649	ALS2CL	3	46713422	melanoma
8650	ALS2CL	3	46722844	melanoma
8651	TMIE	3	46743005	melanoma
8652	TMIE	3	46743005	melanoma
8653	PRSS45	3	46785485	melanoma
8654	PRSS45	3	46785485	melanoma
8655	PTH1R	3	46940934	melanoma
8656	PTH1R	3	46943284	melanoma
8657	NBEAL2	3	47030358	melanoma
8658	NBEAL2	3	47041185	melanoma
8659	NBEAL2	3	47041686	Gbm
8660	NBEAL2	3	47041686	IDHwt
8661	NBEAL2	3	47041686	IDHwt_priGBM
8662	NBEAL2	3	47041686	LGG GBM
8663	NBEAL2	3	47041686	Mesenchymal_like
8664	NBEAL2	3	47044739	melanoma
8665	NBEAL2	3	47047303	melanoma
8666	NBEAL2	3	47047303	melanoma
8667	NBEAL2	3	47047303	melanoma
8668	NBEAL2	3	47047303	melanoma
8669	SETD2	3	47088017	melanoma
8670	SETD2	3	47088017	melanoma
8671	SETD2	3	47164514	melanoma
8672	SETD2	3	47164514	melanoma
8673	KIF9	3	47270149	melanoma
8674	KIF9	3	47312783	melanoma
8675	KLHL18	3	47382127	melanoma
8676	KLHL18	3	47384261	Codel
8677	KLHL18	3	47384261	IDHmut
8678	KLHL18	3	47384261	IDHmut_codel
8679	KLHL18	3	47384261	LGG GBM
8680	KLHL18	3	47384261	Neural
8681	KLHL18	3	47384261	OligoAstr
8682	PTPN23	3	47450743	Astr
8683	PTPN23	3	47450743	GCIMP_high
8684	PTPN23	3	47450743	IDHmut
8685	PTPN23	3	47450743	IDHmut_noncodel
8686	PTPN23	3	47450743	LGG GBM
8687	SCAP	3	47460316	Gbm
8688	SCAP	3	47460316	Gbm
8689	SCAP	3	47460316	IDHwt
8690	SCAP	3	47460316	IDHwt
8691	SCAP	3	47460316	IDHwt_priGBM
8692	SCAP	3	47460316	IDHwt_priGBM
8693	SCAP	3	47460316	LGG GBM
8694	SCAP	3	47460316	LGG GBM
8695	SCAP	3	47460316	Neural
8696	SCAP	3	47460316	Neural
8697	SCAP	3	47467035	bladder
8698	SCAP	3	47476607	melanoma
8699	DHX30	3	47882388	melanoma

8700	DHX30	3	47882388	melanoma
8701	DHX30	3	47883165	melanoma
8702	DHX30	3	47883165	melanoma
8703	DHX30	3	47890437	lung
8704	MAP4	3	47957446	melanoma
8705	MAP4	3	47957446	melanoma
8706	MAP4	3	47957540	melanoma
8707	MAP4	3	47963320	melanoma
8708	MAP4	3	47963320	melanoma
8709	MAP4	3	47963320	melanoma
8710	ZNF589	3	48309672	melanoma
8711	ZNF589	3	48310236	melanoma
8712	FBXW12	3	48423259	melanoma
8713	FBXW12	3	48423328	melanoma
8714	PLXNB1	3	48456613	melanoma
8715	SHISA5	3	48538580	Gbm
8716	SHISA5	3	48538580	IDHwt
8717	SHISA5	3	48538580	IDHwt_priGBM
8718	SHISA5	3	48538580	LGG GBM
8719	PFKFB4	3	48573700	melanoma
8720	PFKFB4	3	48587331	melanoma
8721	PFKFB4	3	48587559	melanoma
8722	PFKFB4	3	48587559	melanoma
8723	COL7A1	3	48617243	melanoma
8724	COL7A1	3	48629112	melanoma
8725	COL7A1	3	48629139	bladder
8726	COL7A1	3	48630579	bladder
8727	COL7A1	3	48630579	bladder
8728	COL7A1	3	48630998	melanoma
8729	COL7A1	3	48630998	melanoma
8730	COL7A1	3	48630998	melanoma
8731	CELSR3	3	48677297	melanoma
8732	CELSR3	3	48678778	lung
8733	IP6K2	3	48728875	melanoma
8734	SLC25A20	3	48895951	melanoma
8735	SLC25A20	3	48899986	melanoma
8736	SLC25A20	3	48899986	melanoma
8737	SLC25A20	3	48916832	IDHwt_priGBM2
8738	SLC25A20	3	48929463	melanoma
8739	QRICH1	3	49070592	melanoma
8740	QRICH1	3	49094678	melanoma
8741	QRICH1	3	49095169	melanoma
8742	QARS	3	49136365	melanoma
8743	QARS	3	49136572	melanoma
8744	QARS	3	49142151	Classic
8745	QARS	3	49142151	Gbm
8746	QARS	3	49142151	IDHwt
8747	QARS	3	49142151	IDHwt_priGBM
8748	QARS	3	49142151	LGG GBM
8749	QARS	3	49142151	Mesenchymal_like
8750	USP19	3	49150025	melanoma
8751	USP19	3	49153065	melanoma
8752	USP19	3	49153065	melanoma
8753	USP19	3	49153168	melanoma
8754	USP19	3	49155431	melanoma
8755	LAMB2	3	49159433	melanoma
8756	LAMB2	3	49162526	lung
8757	LAMB2	3	49166503	melanoma

8758	LAMB2	3	49166503	melanoma
8759	CCDC71	3	49201364	melanoma
8760	CCDC36	3	49294333	melanoma
8761	USP4	3	49337967	melanoma
8762	USP4	3	49362350	melanoma
8763	USP4	3	49362451	Astr
8764	USP4	3	49362451	GCIMP_high
8765	USP4	3	49362451	IDHmut
8766	USP4	3	49362451	IDHmut_noncodel
8767	USP4	3	49362451	LGG GBM
8768	USP4	3	49362451	Neural
8769	AMT	3	49455338	melanoma
8770	DAG1	3	49569283	melanoma
8771	BSN	3	49662470	melanoma
8772	BSN	3	49679759	melanoma
8773	BSN	3	49679759	melanoma
8774	BSN	3	49689804	melanoma
8775	BSN	3	49690524	lung
8776	BSN	3	49692942	melanoma
8777	BSN	3	49693753	melanoma
8778	BSN	3	49693753	melanoma
8779	BSN	3	49693753	melanoma
8780	BSN	3	49693753	melanoma
8781	BSN	3	49693774	melanoma
8782	BSN	3	49693774	melanoma
8783	BSN	3	49695468	melanoma
8784	APEH	3	49720015	lung
8785	APEH	3	49720015	lung
8786	APEH	3	49720015	lung
8787	MST1	3	49721525	melanoma
8788	MST1	3	49721526	melanoma
8789	MST1	3	49723151	melanoma
8790	MST1	3	49723151	melanoma
8791	RNF123	3	49728926	melanoma
8792	RNF123	3	49735352	melanoma
8793	RNF123	3	49736529	melanoma
8794	RNF123	3	49744311	melanoma
8795	IP6K1	3	49765570	bladder
8796	FAM212A	3	49842278	lung
8797	FAM212A	3	49842278	lung
8798	FAM212A	3	49842278	lung
8799	FAM212A	3	49842278	lung
8800	CAMKV	3	49898157	melanoma
8801	MON1A	3	49947603	melanoma
8802	MON1A	3	49947603	melanoma
8803	MON1A	3	49947610	melanoma
8804	MON1A	3	49948261	melanoma
8805	RBM6	3	50005045	melanoma
8806	RBM6	3	50005046	melanoma
8807	RBM6	3	50005093	lung
8808	RBM6	3	50005093	lung
8809	RBM6	3	50103790	melanoma
8810	RBM6	3	50103837	melanoma
8811	RBM6	3	50112716	melanoma
8812	SEMA3F	3	50211504	melanoma
8813	SEMA3F	3	50211504	melanoma
8814	SEMA3F	3	50224060	Astr
8815	SEMA3F	3	50224060	IDHwt

8816	SEMA3F	3	50224060	LGG GBM
8817	SEMA3F	3	50224060	Neural
8818	SEMA3F	3	50224060	PA_like
8819	GNAT1	3	50231946	melanoma
8820	HYAL3	3	50332712	melanoma
8821	HYAL3	3	50332735	melanoma
8822	HYAL1	3	50338477	Codel
8823	HYAL1	3	50338477	IDHmut
8824	HYAL1	3	50338477	IDHmut_codel
8825	HYAL1	3	50338477	LGG GBM
8826	HYAL1	3	50338477	Oligo
8827	HYAL1	3	50338477	Proneural
8828	NPRL2	3	50385270	lung
8829	CACNA2D2	3	50415209	melanoma
8830	CACNA2D2	3	50513580	melanoma
8831	MAPKAPK3	3	50681951	melanoma
8832	MAPKAPK3	3	50681951	melanoma
8833	MAPKAPK3	3	50681951	melanoma
8834	MAPKAPK3	3	50683170	lung
8835	MAPKAPK3	3	50683618	melanoma
8836	MAPKAPK3	3	50683618	melanoma
8837	MAPKAPK3	3	50683618	melanoma
8838	MAPKAPK3	3	50683618	melanoma
8839	MAPKAPK3	3	50685361	lung
8840	DOCK3	3	51263121	melanoma
8841	DOCK3	3	51274960	melanoma
8842	DOCK3	3	51308273	melanoma
8843	DOCK3	3	51349917	melanoma
8844	DOCK3	3	51352489	melanoma
8845	DOCK3	3	51392340	melanoma
8846	DOCK3	3	51394483	lung
8847	DOCK3	3	51400066	melanoma
8848	DOCK3	3	51418901	melanoma
8849	RBM15B	3	51430488	melanoma
8850	DCAF1	3	51500848	melanoma
8851	DCAF1	3	51500848	melanoma
8852	RAD54L2	3	51690054	Gbm
8853	RAD54L2	3	51690054	Gbm
8854	RAD54L2	3	51690054	Gbm
8855	RAD54L2	3	51690054	IDHmut
8856	RAD54L2	3	51690054	IDHmut
8857	RAD54L2	3	51690054	IDHmut
8858	RAD54L2	3	51690054	IDHmut_noncodel
8859	RAD54L2	3	51690054	IDHmut_noncodel
8860	RAD54L2	3	51690054	IDHmut_noncodel
8861	RAD54L2	3	51690054	LGG GBM
8862	RAD54L2	3	51690054	LGG GBM
8863	RAD54L2	3	51690054	LGG GBM
8864	RAD54L2	3	51697198	melanoma
8865	GRM2	3	51747005	melanoma
8866	GRM2	3	51747005	melanoma
8867	GRM2	3	51747005	melanoma
8868	GRM2	3	51747005	melanoma
8869	GRM2	3	51747206	melanoma
8870	GRM2	3	51747206	melanoma
8871	GRM2	3	51747206	melanoma
8872	GRM2	3	51749516	IDHwt_priGBM2
8873	GRM2	3	51749516	IDHwt_priGBM2

8874	GRM2	3	51749516	IDHwt_priGBM2
8875	IQCF3	3	51863721	Classic
8876	IQCF3	3	51863721	Gbm
8877	IQCF3	3	51863721	IDHwt
8878	IQCF3	3	51863721	IDHwt_priGBM
8879	IQCF3	3	51863721	LGG GBM
8880	GPR62	3	51990528	melanoma
8881	PCBP4	3	51992839	melanoma
8882	PCBP4	3	51992879	Codel
8883	PCBP4	3	51992879	Codel
8884	PCBP4	3	51992879	IDHmut
8885	PCBP4	3	51992879	IDHmut
8886	PCBP4	3	51992879	IDHmut_codel
8887	PCBP4	3	51992879	IDHmut_codel
8888	PCBP4	3	51992879	LGG GBM
8889	PCBP4	3	51992879	LGG GBM
8890	PCBP4	3	51992879	Oligo
8891	PCBP4	3	51992879	Oligo
8892	PCBP4	3	51992879	Proneural
8893	PCBP4	3	51992879	Proneural
8894	D14A;ABHD14A-,	3	52011981	melanoma
8895	POC1A	3	52172196	melanoma
8896	POC1A	3	52172196	melanoma
8897	TLR9	3	52255991	melanoma
8898	TLR9	3	52256975	melanoma
8899	TLR9	3	52257005	melanoma
8900	TLR9	3	52257448	melanoma
8901	TLR9	3	52257857	lung
8902	TLR9	3	52257857	lung
8903	WDR82	3	52295455	melanoma
8904	DNAH1	3	52402912	melanoma
8905	DNAH1	3	52404749	melanoma
8906	DNAH1	3	52412674	melanoma
8907	DNAH1	3	52417902	Gbm
8908	DNAH1	3	52417902	GCIMP_low
8909	DNAH1	3	52417902	IDHmut
8910	DNAH1	3	52417902	IDHmut_noncodel
8911	DNAH1	3	52417902	LGG GBM
8912	DNAH1	3	52417902	Proneural
8913	PHF7	3	52457157	melanoma
8914	SEMA3G	3	52474032	melanoma
8915	TNNC1	3	52485473	melanoma
8916	NISCH	3	52507829	bladder
8917	NISCH	3	52526118	bladder
8918	NISCH	3	52526118	bladder
8919	STAB1	3	52537457	lung
8920	STAB1	3	52539360	melanoma
8921	STAB1	3	52539360	melanoma
8922	STAB1	3	52540820	melanoma
8923	STAB1	3	52547757	melanoma
8924	STAB1	3	52551123	lung
8925	NT5DC2	3	52562933	bladder
8926	PBRM1	3	52643530	melanoma
8927	PBRM1	3	52651430	Classic
8928	PBRM1	3	52651430	IDHwt
8929	PBRM1	3	52651430	LGG GBM
8930	PBRM1	3	52651430	Mesenchymal_like
8931	PBRM1	3	52651430	OligoAstr

8932	GLT8D1	3	52731831	melanoma
8933	GLT8D1	3	52731831	melanoma
8934	GLT8D1	3	52731831	melanoma
8935	NEK4	3	52773514	lung
8936	NEK4	3	52773514	lung
8937	ITIH1	3	52812377	lung
8938	ITIH1	3	52823761	melanoma
8939	ITIH1	3	52825613	melanoma
8940	ITIH3	3	52840399	Codel
8941	ITIH3	3	52840399	IDHmut
8942	ITIH3	3	52840399	IDHmut_codel
8943	ITIH3	3	52840399	LGG GBM
8944	ITIH3	3	52840399	Oligo
8945	ITIH3	3	52840399	Proneural
8946	ITIH4	3	52850942	GCIMP_high
8947	ITIH4	3	52850942	IDHmut
8948	ITIH4	3	52850942	IDHmut_noncodel
8949	ITIH4	3	52850942	LGG GBM
8950	ITIH4	3	52850942	Oligo
8951	ITIH4	3	52850942	Proneural
8952	ITIH4	3	52853793	melanoma
8953	ITIH4	3	52857664	melanoma
8954	SFMBT1	3	52977386	melanoma
8955	RFT1	3	53126028	melanoma
8956	TKT	3	53263106	melanoma
8957	TKT	3	53263359	melanoma
8958	TKT	3	53264535	melanoma
8959	CACNA1D	3	53757628	melanoma
8960	CACNA1D	3	53757872	melanoma
8961	CACNA1D	3	53757913	Gbm
8962	CACNA1D	3	53757913	IDHwt
8963	CACNA1D	3	53757913	IDHwt_priGBM
8964	CACNA1D	3	53757913	LGG GBM
8965	CACNA1D	3	53757913	Mesenchymal_like
8966	CACNA1D	3	53757913	Neural
8967	CACNA1D	3	53783386	IDHwt
8968	CACNA1D	3	53783386	IDHwt
8969	CACNA1D	3	53783386	LGG GBM
8970	CACNA1D	3	53783386	LGG GBM
8971	CACNA1D	3	53783386	Mesenchymal_like
8972	CACNA1D	3	53783386	Mesenchymal_like
8973	CACNA1D	3	53783386	Neural
8974	CACNA1D	3	53783386	Neural
8975	CACNA1D	3	53785810	melanoma
8976	CACNA1D	3	53815686	melanoma
8977	CHDH	3	53852150	melanoma
8978	CHDH	3	53856663	melanoma
8979	CHDH	3	53857843	melanoma
8980	IL17RB	3	53883784	melanoma
8981	IL17RB	3	53891662	Classic
8982	IL17RB	3	53891662	Classic_like
8983	IL17RB	3	53891662	Gbm
8984	IL17RB	3	53891662	IDHwt
8985	IL17RB	3	53891662	IDHwt_priGBM
8986	IL17RB	3	53891662	LGG GBM
8987	CACNA2D3	3	54537522	melanoma
8988	CACNA2D3	3	54537522	melanoma
8989	CACNA2D3	3	54537522	melanoma

8990	CACNA2D3	3	54604001	melanoma
8991	CACNA2D3	3	54604001	melanoma
8992	CACNA2D3	3	54922037	melanoma
8993	CACNA2D3	3	54922037	melanoma
8994	CACNA2D3	3	54922037	melanoma
8995	CACNA2D3	3	54930793	melanoma
8996	LRTM1	3	54958910	melanoma
8997	CACNA2D3	3	55041859	melanoma
8998	CACNA2D3	3	55107575	melanoma
8999	CACNA2D3	3	55107575	melanoma
9000	CACNA2D3	3	55108204	melanoma
9001	CACNA2D3	3	55108204	melanoma
9002	WNT5A	3	55504206	melanoma
9003	WNT5A	3	55504206	melanoma
9004	ERC2	3	56330265	melanoma
9005	ERC2	3	56330265	melanoma
9006	ERC2	3	56469002	melanoma
9007	CCDC66	3	56653352	melanoma
9008	FAM208A	3	56657164	melanoma
9009	FAM208A	3	56680562	melanoma
9010	FAM208A	3	56680937	hnscc
9011	FAM208A	3	56683036	melanoma
9012	SPATA12	3	57107802	melanoma
9013	IL17RD	3	57131659	melanoma
9014	IL17RD	3	57135356	melanoma
9015	HESX1	3	57232936	melanoma
9016	ASB14	3	57311824	melanoma
9017	ASB14	3	57312866	melanoma
9018	DNAH12	3	57488176	melanoma
9019	PDE12	3	57542275	IDHwt_priGBM2
9020	PDE12	3	57543407	melanoma
9021	PDE12	3	57543412	lung
9022	DENND6A	3	57619073	melanoma
9023	FLNB	3	57994473	lung
9024	FLNB	3	58094197	melanoma
9025	FLNB	3	58098007	melanoma
9026	FLNB	3	58155349	melanoma
9027	FLNB	3	58155349	melanoma
9028	DNASE1L3	3	58190566	GCIMP_high
9029	DNASE1L3	3	58190566	IDHmut
9030	DNASE1L3	3	58190566	IDHmut_noncodel
9031	DNASE1L3	3	58190566	LGG GBM
9032	DNASE1L3	3	58190567	bladder
9033	DNASE1L3	3	58190567	bladder
9034	RPP14	3	58302712	melanoma
9035	RPP14	3	58302712	melanoma
9036	PXK	3	58382917	melanoma
9037	PXK	3	58410594	melanoma
9038	PDHB	3	58416626	melanoma
9039	ACOX2	3	58502952	melanoma
9040	FAM3D	3	58625896	melanoma
9041	PTPRG	3	62153675	IDHwt
9042	PTPRG	3	62153675	IDHwt
9043	PTPRG	3	62153675	LGG GBM
9044	PTPRG	3	62153675	LGG GBM
9045	PTPRG	3	62153675	Mesenchymal_like
9046	PTPRG	3	62153675	Mesenchymal_like
9047	PTPRG	3	62153675	Neural

9048	PTPRG	3	62153675	Neural
9049	PTPRG	3	62188941	melanoma
9050	PTPRG	3	62188941	melanoma
9051	FEZF2	3	62355943	melanoma
9052	FEZF2	3	62358002	melanoma
9053	CADPS	3	62388848	hnscc
9054	CADPS	3	62477105	melanoma
9055	CADPS	3	62499355	melanoma
9056	CADPS	3	62502263	lung
9057	CADPS	3	62578379	melanoma
9058	THOC7	3	63819842	melanoma
9059	ATXN7	3	63965633	melanoma
9060	ATXN7	3	63975929	melanoma
9061	ATXN7	3	63976447	melanoma
9062	PRICKLE2	3	64132866	melanoma
9063	PRICKLE2	3	64138975	melanoma
9064	PRICKLE2	3	64138975	melanoma
9065	ADAMTS9	3	64527574	Codel
9066	ADAMTS9	3	64527574	IDHmut
9067	ADAMTS9	3	64527574	IDHmut_codel
9068	ADAMTS9	3	64527574	LGG GBM
9069	ADAMTS9	3	64527574	Oligo
9070	ADAMTS9	3	64580037	melanoma
9071	ADAMTS9	3	64580037	melanoma
9072	ADAMTS9	3	64608191	melanoma
9073	ADAMTS9	3	64617522	IDHwt_priGBM2
9074	ADAMTS9	3	64617522	IDHwt_priGBM2
9075	ADAMTS9	3	64619407	melanoma
9076	MAGI1	3	65342681	melanoma
9077	MAGI1	3	65361489	melanoma
9078	MAGI1	3	65361491	melanoma
9079	MAGI1	3	65361491	melanoma
9080	MAGI1	3	65361530	lung
9081	MAGI1	3	65365023	melanoma
9082	MAGI1	3	65422908	melanoma
9083	MAGI1	3	65464321	melanoma
9084	MAGI1	3	65464321	melanoma
9085	MAGI1	3	65479216	melanoma
9086	LRIG1	3	66433712	melanoma
9087	EOGT	3	69047253	melanoma
9088	UBA3	3	69111237	melanoma
9089	UBA3	3	69111237	melanoma
9090	LMOD3	3	69169145	melanoma
9091	FRMD4B	3	69230388	melanoma
9092	FRMD4B	3	69245486	melanoma
9093	FRMD4B	3	69245486	melanoma
9094	FRMD4B	3	69247889	melanoma
9095	FOXP1	3	71247152	melanoma
9096	FOXP1	3	71247158	melanoma
9097	GPR27	3	71804194	melanoma
9098	GPR27	3	71804194	melanoma
9099	SHQ1	3	72799628	melanoma
9100	SHQ1	3	72873611	melanoma
9101	PPP4R2	3	73047251	melanoma
9102	PPP4R2	3	73114106	Gbm
9103	PPP4R2	3	73114106	IDHwt
9104	PPP4R2	3	73114106	IDHwt_priGBM
9105	PPP4R2	3	73114106	LGG GBM

9106	PPP4R2	3	73114106	Mesenchymal_like
9107	PPP4R2	3	73114106	Proneural
9108	PDZRN3	3	73433614	lung
9109	PDZRN3	3	73433614	lung
9110	PDZRN3	3	73433614	lung
9111	CNTN3	3	74347288	melanoma
9112	CNTN3	3	74413674	lung
9113	CNTN3	3	74413674	lung
9114	CNTN3	3	74413674	lung
9115	CNTN3	3	74414818	melanoma
9116	CNTN3	3	74420518	melanoma
9117	CNTN3	3	74535685	melanoma
9118	ROBO2	3	77147365	melanoma
9119	ROBO2	3	77651454	melanoma
9120	ROBO1	3	78656093	melanoma
9121	ROBO1	3	78667147	melanoma
9122	ROBO1	3	78719350	melanoma
9123	GBE1	3	81640232	melanoma
9124	GBE1	3	81640232	melanoma
9125	CADM2	3	85961570	melanoma
9126	CADM2	3	85961570	melanoma
9127	CADM2	3	86114875	melanoma
9128	CADM2	3	86115879	bladder
9129	VGLL3	3	87018024	melanoma
9130	VGLL3	3	87027729	lung
9131	VGLL3	3	87027729	lung
9132	POU1F1	3	87322565	Classic
9133	POU1F1	3	87322565	IDHwt
9134	POU1F1	3	87322565	LGG GBM
9135	POU1F1	3	87322565	Mesenchymal_like
9136	POU1F1	3	87322565	OligoAstr
9137	ZNF654	3	88108540	bladder
9138	ZNF654	3	88188515	lung
9139	ZNF654	3	88188515	lung
9140	C3orf38	3	88205268	melanoma
9141	C3orf38	3	88205523	melanoma
9142	C3orf38	3	88205523	melanoma
9143	EPHA3	3	89391097	lung
9144	EPHA3	3	89391097	lung
9145	EPHA3	3	89462338	lung
9146	EPHA3	3	89462338	lung
9147	EPHA3	3	89462338	lung
9148	EPHA3	3	89462393	melanoma
9149	EPHA3	3	89498444	lung
9150	EPHA3	3	89498444	lung
9151	EPHA3	3	89498444	lung
9152	EPHA3	3	89498444	lung
9153	EPHA3	3	89498444	lung
9154	EPHA3	3	89498444	lung
9155	PROS1	3	93615493	bladder
9156	PROS1	3	93629501	melanoma
9157	EPHA6	3	97185270	melanoma
9158	EPHA6	3	97194226	melanoma
9159	EPHA6	3	97251309	melanoma
9160	EPHA6	3	97251309	melanoma
9161	EPHA6	3	97251321	melanoma
9162	EPHA6	3	97251345	melanoma
9163	EPHA6	3	97251345	melanoma

9164	EPHA6	3	97466335	melanoma
9165	ARL6	3	97499015	Classic_like
9166	ARL6	3	97499015	IDHwt
9167	ARL6	3	97499015	LGG GBM
9168	ARL6	3	97499462	GCIMP_high
9169	ARL6	3	97499462	GCIMP_high
9170	ARL6	3	97499462	IDHmut
9171	ARL6	3	97499462	IDHmut
9172	ARL6	3	97499462	IDHmut_noncodel
9173	ARL6	3	97499462	IDHmut_noncodel
9174	ARL6	3	97499462	LGG GBM
9175	ARL6	3	97499462	LGG GBM
9176	ARL6	3	97499462	Neural
9177	ARL6	3	97499462	Neural
9178	CRYBG3	3	97541072	melanoma
9179	CRYBG3	3	97591255	melanoma
9180	CRYBG3	3	97596048	melanoma
9181	CRYBG3	3	97596397	melanoma
9182	CRYBG3	3	97596715	melanoma
9183	CRYBG3	3	97596715	melanoma
9184	CRYBG3	3	97655733	melanoma
9185	OR5AC2	3	97806497	melanoma
9186	OR5AC2	3	97806869	melanoma
9187	OR5H1	3	97851814	melanoma
9188	OR5H1	3	97851956	melanoma
9189	OR5H1	3	97852323	melanoma
9190	OR5H14	3	97868450	melanoma
9191	OR5H14	3	97868453	melanoma
9192	OR5H14	3	97868537	Codel
9193	OR5H14	3	97868537	Codel
9194	OR5H14	3	97868537	IDHmut
9195	OR5H14	3	97868537	IDHmut
9196	OR5H14	3	97868537	IDHmut_codel
9197	OR5H14	3	97868537	IDHmut_codel
9198	OR5H14	3	97868537	LGG GBM
9199	OR5H14	3	97868537	LGG GBM
9200	OR5H14	3	97868537	Oligo
9201	OR5H14	3	97868537	Oligo
9202	OR5H14	3	97868537	Proneural
9203	OR5H14	3	97868537	Proneural
9204	OR5H14	3	97868593	melanoma
9205	OR5H14	3	97868650	bladder
9206	OR5H14	3	97868650	bladder
9207	OR5H14	3	97868692	melanoma
9208	OR5H14	3	97868692	melanoma
9209	OR5H14	3	97868692	melanoma
9210	OR5H14	3	97868867	bladder
9211	OR5H14	3	97868867	bladder
9212	OR5H14	3	97868872	melanoma
9213	OR5H14	3	97868959	melanoma
9214	OR5H14	3	97868986	melanoma
9215	OR5H14	3	97868987	melanoma
9216	OR5H14	3	97868995	Astr
9217	OR5H14	3	97868995	Classic
9218	OR5H14	3	97868995	IDHwt
9219	OR5H14	3	97868995	LGG GBM
9220	OR5H14	3	97868995	Mesenchymal_like
9221	OR5H14	3	97869020	melanoma

9222	OR5H15	3	97887907	melanoma
9223	OR5H6	3	97983180	melanoma
9224	OR5H6	3	97983621	melanoma
9225	OR5H6	3	97983628	Gbm
9226	OR5H6	3	97983628	IDHwt
9227	OR5H6	3	97983628	IDHwt_priGBM
9228	OR5H6	3	97983628	LGG GBM
9229	OR5H6	3	97983628	Mesenchymal
9230	OR5H6	3	97983628	Mesenchymal_like
9231	OR5H6	3	97983916	melanoma
9232	OR5K4	3	98072705	Classic_like
9233	OR5K4	3	98072705	Gbm
9234	OR5K4	3	98072705	IDHwt
9235	OR5K4	3	98072705	IDHwt_priGBM
9236	OR5K4	3	98072705	LGG GBM
9237	OR5K4	3	98072705	Mesenchymal
9238	OR5K4	3	98072818	Classic
9239	OR5K4	3	98072818	Classic
9240	OR5K4	3	98072818	Classic
9241	OR5K4	3	98072818	Gbm
9242	OR5K4	3	98072818	Gbm
9243	OR5K4	3	98072818	Gbm
9244	OR5K4	3	98072818	IDHwt
9245	OR5K4	3	98072818	IDHwt
9246	OR5K4	3	98072818	IDHwt
9247	OR5K4	3	98072818	IDHwt_priGBM
9248	OR5K4	3	98072818	IDHwt_priGBM
9249	OR5K4	3	98072818	IDHwt_priGBM
9250	OR5K4	3	98072818	LGG GBM
9251	OR5K4	3	98072818	LGG GBM
9252	OR5K4	3	98072818	LGG GBM
9253	OR5K4	3	98072818	Mesenchymal_like
9254	OR5K4	3	98072818	Mesenchymal_like
9255	OR5K4	3	98072818	Mesenchymal_like
9256	OR5K4	3	98073062	Classic_like
9257	OR5K4	3	98073062	Gbm
9258	OR5K4	3	98073062	IDHwt
9259	OR5K4	3	98073062	IDHwt_priGBM
9260	OR5K4	3	98073062	LGG GBM
9261	OR5K3	3	98109615	bladder
9262	OR5K3	3	98109615	bladder
9263	OR5K3	3	98109730	melanoma
9264	OR5K3	3	98109730	melanoma
9265	OR5K3	3	98109849	melanoma
9266	OR5K3	3	98110105	melanoma
9267	OR5K3	3	98110462	melanoma
9268	OR5K3	3	98110462	melanoma
9269	OR5K1	3	98188436	melanoma
9270	OR5K1	3	98188875	melanoma
9271	OR5K1	3	98189262	melanoma
9272	OR5K1	3	98189262	melanoma
9273	OR5K1	3	98189306	melanoma
9274	OR5K1	3	98189306	melanoma
9275	OR5K2	3	98217294	Astr
9276	OR5K2	3	98217294	GCIMP_high
9277	OR5K2	3	98217294	IDHmut
9278	OR5K2	3	98217294	IDHmut_noncodel
9279	OR5K2	3	98217294	LGG GBM

9280	OR5K2	3	98217294	Proneural
9281	GPR15	3	98251295	Codel
9282	GPR15	3	98251295	IDHmut
9283	GPR15	3	98251295	IDHmut_codel
9284	GPR15	3	98251295	LGG GBM
9285	GPR15	3	98251295	Neural
9286	GPR15	3	98251295	Oligo
9287	ST3GAL6	3	98491707	melanoma
9288	FILIP1L	3	99567345	melanoma
9289	CMSS1	3	99865873	melanoma
9290	CMSS1	3	99865873	melanoma
9291	CMSS1	3	99881261	melanoma
9292	TBC1D23	3	100014010	melanoma
9293	TBC1D23	3	100016845	melanoma
9294	TMEM45A	3	100274203	melanoma
9295	TMEM45A	3	100287787	melanoma
9296	ADGRG7	3	100354618	melanoma
9297	ABI3BP	3	100471735	melanoma
9298	ABI3BP	3	100471735	melanoma
9299	ABI3BP	3	100489676	melanoma
9300	ABI3BP	3	100506589	melanoma
9301	ABI3BP	3	100568897	Classic
9302	ABI3BP	3	100568897	Classic
9303	ABI3BP	3	100568897	Gbm
9304	ABI3BP	3	100568897	Gbm
9305	ABI3BP	3	100568897	IDHwt
9306	ABI3BP	3	100568897	IDHwt
9307	ABI3BP	3	100568897	IDHwt_priGBM
9308	ABI3BP	3	100568897	IDHwt_priGBM
9309	ABI3BP	3	100568897	LGG GBM
9310	ABI3BP	3	100568897	LGG GBM
9311	ABI3BP	3	100568897	Mesenchymal_like
9312	ABI3BP	3	100568897	Mesenchymal_like
9313	ABI3BP	3	100568912	melanoma
9314	ABI3BP	3	100583748	melanoma
9315	ABI3BP	3	100594372	melanoma
9316	IMPG2	3	100962513	melanoma
9317	IMPG2	3	100992508	melanoma
9318	IMPG2	3	100992508	melanoma
9319	IMPG2	3	100992508	melanoma
9320	IMPG2	3	101039203	melanoma
9321	SENP7	3	101044921	melanoma
9322	SENP7	3	101044921	melanoma
9323	SENP7	3	101080621	melanoma
9324	SENP7	3	101080621	melanoma
9325	SENP7	3	101080632	Classic_like
9326	SENP7	3	101080632	Gbm
9327	SENP7	3	101080632	IDHwt
9328	SENP7	3	101080632	IDHwt_priGBM
9329	SENP7	3	101080632	LGG GBM
9330	ZBTB11	3	101384212	melanoma
9331	CEP97	3	101447686	Astr
9332	CEP97	3	101447686	GCIMP_high
9333	CEP97	3	101447686	IDHmut
9334	CEP97	3	101447686	IDHmut_noncodel
9335	CEP97	3	101447686	LGG GBM
9336	CEP97	3	101447686	Mesenchymal
9337	CEP97	3	101477057	Astr

9338	CEP97	3	101477057	Astr
9339	CEP97	3	101477057	GCIMP_high
9340	CEP97	3	101477057	GCIMP_high
9341	CEP97	3	101477057	IDHmut
9342	CEP97	3	101477057	IDHmut
9343	CEP97	3	101477057	IDHmut_noncode1
9344	CEP97	3	101477057	IDHmut_noncode1
9345	CEP97	3	101477057	LGG GBM
9346	CEP97	3	101477057	LGG GBM
9347	CEP97	3	101477057	Proneural
9348	CEP97	3	101477057	Proneural
9349	NXPE3	3	101520152	Gbm
9350	NXPE3	3	101520152	IDHwt
9351	NXPE3	3	101520152	IDHwt_priGBM
9352	NXPE3	3	101520152	LGG GBM
9353	NXPE3	3	101520152	Mesenchymal
9354	NXPE3	3	101520152	Mesenchymal_like
9355	NXPE3	3	101520536	melanoma
9356	NXPE3	3	101520615	lung
9357	NXPE3	3	101520629	melanoma
9358	NXPE3	3	101520718	melanoma
9359	NXPE3	3	101520718	melanoma
9360	ALCAM	3	105243173	melanoma
9361	CBLB	3	105397280	melanoma
9362	CBLB	3	105397281	melanoma
9363	CBLB	3	105400636	Classic
9364	CBLB	3	105400636	Gbm
9365	CBLB	3	105400636	IDHwt
9366	CBLB	3	105400636	IDHwt_priGBM
9367	CBLB	3	105400636	LGG GBM
9368	CBLB	3	105404198	Gbm
9369	CBLB	3	105404198	IDHwt
9370	CBLB	3	105404198	IDHwt_priGBM
9371	CBLB	3	105404198	LGG GBM
9372	CBLB	3	105404198	Mesenchymal_like
9373	CBLB	3	105404224	melanoma
9374	CBLB	3	105404224	melanoma
9375	CBLB	3	105495268	lung
9376	CCDC54	3	107096949	Gbm
9377	CCDC54	3	107096949	IDHwt
9378	CCDC54	3	107096949	IDHwt_priGBM
9379	CCDC54	3	107096949	LGG GBM
9380	CCDC54	3	107096949	LGm6_GBM
9381	CCDC54	3	107096960	lung
9382	BBX	3	107491961	lung
9383	CD47	3	107776399	melanoma
9384	HHLA2	3	108072465	melanoma
9385	HHLA2	3	108072545	melanoma
9386	HHLA2	3	108076730	melanoma
9387	HHLA2	3	108076730	melanoma
9388	HHLA2	3	108076739	melanoma
9389	HHLA2	3	108076964	melanoma
9390	HHLA2	3	108076964	melanoma
9391	MYH15	3	108175653	lung
9392	MYH15	3	108178211	melanoma
9393	MYH15	3	108195276	melanoma
9394	KIAA1524	3	108298245	melanoma
9395	DZIP3	3	108363061	melanoma

9396	TRAT1	3	108549537	melanoma
9397	TRAT1	3	108549537	melanoma
9398	TRAT1	3	108549537	melanoma
9399	TRAT1	3	108549622	melanoma
9400	MORC1	3	108754286	melanoma
9401	MORC1	3	108773689	melanoma
9402	MORC1	3	108776265	melanoma
9403	MORC1	3	108788570	Astr
9404	MORC1	3	108788570	GCIMP_high
9405	MORC1	3	108788570	IDHmut
9406	MORC1	3	108788570	IDHmut_noncodel
9407	MORC1	3	108788570	LGG GBM
9408	MORC1	3	108788570	Proneural
9409	MORC1	3	108812287	melanoma
9410	MORC1	3	108813812	melanoma
9411	MORC1	3	108813812	melanoma
9412	DPPA2	3	109023364	Astr
9413	DPPA2	3	109023364	GCIMP_high
9414	DPPA2	3	109023364	IDHmut
9415	DPPA2	3	109023364	IDHmut_noncodel
9416	DPPA2	3	109023364	LGG GBM
9417	DPPA2	3	109023364	Neural
9418	DPPA2	3	109026881	Classic
9419	DPPA2	3	109026881	Classic
9420	DPPA2	3	109026881	Gbm
9421	DPPA2	3	109026881	Gbm
9422	DPPA2	3	109026881	IDHwt
9423	DPPA2	3	109026881	IDHwt
9424	DPPA2	3	109026881	IDHwt_priGBM
9425	DPPA2	3	109026881	IDHwt_priGBM
9426	DPPA2	3	109026881	LGG GBM
9427	DPPA2	3	109026881	LGG GBM
9428	DPPA2	3	109026881	Mesenchymal_like
9429	DPPA2	3	109026881	Mesenchymal_like
9430	DPPA4	3	109046840	melanoma
9431	DPPA4	3	109047794	melanoma
9432	NECTIN3	3	110831116	Codel
9433	NECTIN3	3	110831116	IDHmut
9434	NECTIN3	3	110831116	IDHmut_codel
9435	NECTIN3	3	110831116	LGG GBM
9436	NECTIN3	3	110831116	Oligo
9437	NECTIN3	3	110831116	Proneural
9438	NECTIN3	3	110852962	melanoma
9439	CD96	3	111286466	melanoma
9440	ZBED2	3	111312580	melanoma
9441	ZBED2	3	111312907	Gbm
9442	ZBED2	3	111312907	IDHwt
9443	ZBED2	3	111312907	IDHwt_priGBM
9444	ZBED2	3	111312907	LGG GBM
9445	ZBED2	3	111312907	Mesenchymal_like
9446	PLCXD2	3	111432806	melanoma
9447	PLCXD2	3	111432806	melanoma
9448	PLCXD2	3	111432806	melanoma
9449	PLCXD2	3	111564712	melanoma
9450	PHLDB2	3	111603097	melanoma
9451	PHLDB2	3	111603918	melanoma
9452	PHLDB2	3	111603918	melanoma
9453	PHLDB2	3	111632190	melanoma

9454	PHLDB2	3	111639220	bladder
9455	ABHD10	3	111697949	Gbm
9456	ABHD10	3	111697949	Gbm
9457	ABHD10	3	111697949	IDHwt
9458	ABHD10	3	111697949	IDHwt
9459	ABHD10	3	111697949	IDHwt_priGBM
9460	ABHD10	3	111697949	IDHwt_priGBM
9461	ABHD10	3	111697949	LGG GBM
9462	ABHD10	3	111697949	LGG GBM
9463	TMPRSS7	3	111780653	melanoma
9464	TMPRSS7	3	111794329	melanoma
9465	TMPRSS7	3	111794329	melanoma
9466	GCSAM	3	111842403	melanoma
9467	SLC9C1	3	111921147	melanoma
9468	SLC9C1	3	111936316	melanoma
9469	SLC9C1	3	111997653	melanoma
9470	SLC9C1	3	111997653	Classic
9471	SLC9C1	3	111997653	Gbm
9472	SLC9C1	3	111997653	IDHwt
9473	SLC9C1	3	111997653	IDHwt_priGBM
9474	SLC9C1	3	111997653	LGG GBM
9475	SLC9C1	3	111997653	Mesenchymal_like
9476	CD200	3	112063857	melanoma
9477	CD200	3	112063857	melanoma
9478	CD200	3	112063869	melanoma
9479	CD200	3	112063869	melanoma
9480	ATG3	3	112267413	melanoma
9481	SLC35A5	3	112299544	melanoma
9482	SLC35A5	3	112299756	bladder
9483	CCDC80	3	112357690	melanoma
9484	CCDC80	3	112358008	lung
9485	CCDC80	3	112358095	melanoma
9486	CCDC80	3	112358095	melanoma
9487	CD200R1L	3	112546321	Astr
9488	CD200R1L	3	112546321	Classic
9489	CD200R1L	3	112546321	IDHwt
9490	CD200R1L	3	112546321	LGG GBM
9491	CD200R1L	3	112546321	Mesenchymal_like
9492	NEPRO	3	112724550	Gbm
9493	NEPRO	3	112724550	GCIMP_low
9494	NEPRO	3	112724550	IDHmut
9495	NEPRO	3	112724550	IDHmut_noncodel
9496	NEPRO	3	112724550	LGG GBM
9497	BOC	3	112968688	lung
9498	BOC	3	112968688	lung
9499	BOC	3	112991943	melanoma
9500	CFAP44	3	113025158	melanoma
9501	SPICE1	3	113175999	bladder
9502	SPICE1	3	113225437	melanoma
9503	SIDT1	3	113285298	melanoma
9504	SIDT1	3	113285298	melanoma
9505	SIDT1	3	113285358	melanoma
9506	SIDT1	3	113326975	lung
9507	SIDT1	3	113330984	lung
9508	USF3	3	113380159	lung
9509	GRAMD1C	3	113622992	melanoma
9510	CCDC191	3	113775267	melanoma
9511	CCDC191	3	113775267	melanoma

9512	QTRT2	3	113786908	melanoma
9513	QTRT2	3	113789501	melanoma
9514	QTRT2	3	113801550	Classic_like
9515	QTRT2	3	113801550	Classic_like
9516	QTRT2	3	113801550	Gbm
9517	QTRT2	3	113801550	Gbm
9518	QTRT2	3	113801550	IDHwt
9519	QTRT2	3	113801550	IDHwt
9520	QTRT2	3	113801550	IDHwt_priGBM
9521	QTRT2	3	113801550	IDHwt_priGBM
9522	QTRT2	3	113801550	LGG GBM
9523	QTRT2	3	113801550	LGG GBM
9524	DRD3	3	113847601	melanoma
9525	DRD3	3	113847660	Codel
9526	DRD3	3	113847660	IDHmut
9527	DRD3	3	113847660	IDHmut_codel
9528	DRD3	3	113847660	LGG GBM
9529	DRD3	3	113847660	Oligo
9530	DRD3	3	113847660	Proneural
9531	TIGIT	3	114018494	melanoma
9532	ZBTB20	3	114069297	melanoma
9533	ZBTB20	3	114069765	melanoma
9534	ARHGAP31	3	119134840	melanoma
9535	ARHGAP31	3	119134840	melanoma
9536	ARHGAP31	3	119134840	melanoma
9537	CD80	3	119248718	melanoma
9538	CD80	3	119256179	melanoma
9539	CD80	3	119256179	melanoma
9540	CD80	3	119263433	lung
9541	CD80	3	119263451	melanoma
9542	ADPRH	3	119306625	melanoma
9543	PLA1A	3	119328334	melanoma
9544	PLA1A	3	119328334	melanoma
9545	POPDC2	3	119367157	melanoma
9546	POPDC2	3	119367230	melanoma
9547	MAATS1	3	119459516	lung
9548	MAATS1	3	119462849	Gbm
9549	MAATS1	3	119462849	Gbm
9550	MAATS1	3	119462849	IDHwt
9551	MAATS1	3	119462849	IDHwt
9552	MAATS1	3	119462849	IDHwt_priGBM
9553	MAATS1	3	119462849	IDHwt_priGBM
9554	MAATS1	3	119462849	LGG GBM
9555	MAATS1	3	119462849	LGG GBM
9556	MAATS1	3	119462849	Mesenchymal_like
9557	MAATS1	3	119462849	Mesenchymal_like
9558	NR1I2	3	119534659	melanoma
9559	NR1I2	3	119534659	melanoma
9560	GPR156	3	119887110	melanoma
9561	GPR156	3	119887110	melanoma
9562	GPR156	3	119911842	melanoma
9563	HGD	3	120347254	Astr
9564	HGD	3	120347254	GCIMP_high
9565	HGD	3	120347254	IDHmut
9566	HGD	3	120347254	IDHmut_noncodel
9567	HGD	3	120347254	LGG GBM
9568	HGD	3	120347254	Proneural
9569	HGD	3	120369680	melanoma

9570	HGD	3	120389332	melanoma
9571	RABL3	3	120417392	Codel
9572	RABL3	3	120417392	Codel
9573	RABL3	3	120417392	IDHmut
9574	RABL3	3	120417392	IDHmut
9575	RABL3	3	120417392	IDHmut_codel
9576	RABL3	3	120417392	IDHmut_codel
9577	RABL3	3	120417392	LGG GBM
9578	RABL3	3	120417392	LGG GBM
9579	RABL3	3	120417392	Neural
9580	RABL3	3	120417392	Neural
9581	RABL3	3	120417392	Oligo
9582	RABL3	3	120417392	Oligo
9583	GTF2E1	3	120469620	lung
9584	GTF2E1	3	120495437	bladder
9585	STXBP5L	3	120673793	melanoma
9586	STXBP5L	3	120764318	melanoma
9587	STXBP5L	3	120876412	melanoma
9588	STXBP5L	3	120957843	melanoma
9589	STXBP5L	3	120957900	Classic
9590	STXBP5L	3	120957900	Gbm
9591	STXBP5L	3	120957900	IDHwt
9592	STXBP5L	3	120957900	IDHwt_priGBM
9593	STXBP5L	3	120957900	LGG GBM
9594	STXBP5L	3	120957900	Mesenchymal_like
9595	STXBP5L	3	120976049	melanoma
9596	STXBP5L	3	121097706	melanoma
9597	POLQ	3	121158888	GCIMP_high
9598	POLQ	3	121158888	IDHmut
9599	POLQ	3	121158888	IDHmut_noncodel
9600	POLQ	3	121158888	LGG GBM
9601	POLQ	3	121158888	OligoAstr
9602	POLQ	3	121158888	Proneural
9603	POLQ	3	121206886	lung
9604	POLQ	3	121206886	lung
9605	POLQ	3	121209199	Gbm
9606	POLQ	3	121209199	GCIMP_high
9607	POLQ	3	121209199	IDHmut
9608	POLQ	3	121209199	IDHmut_noncodel
9609	POLQ	3	121209199	LGG GBM
9610	POLQ	3	121240877	melanoma
9611	POLQ	3	121255983	melanoma
9612	FBXO40	3	121341227	melanoma
9613	FBXO40	3	121341592	melanoma
9614	FBXO40	3	121341592	melanoma
9615	FBXO40	3	121341592	melanoma
9616	FBXO40	3	121341891	hnsc
9617	GOLGB1	3	121383365	melanoma
9618	IQCB1	3	121500661	melanoma
9619	IQCB1	3	121518138	melanoma
9620	IQCB1	3	121547357	melanoma
9621	SLC15A2	3	121634491	GCIMP_low
9622	SLC15A2	3	121634491	IDHmut
9623	SLC15A2	3	121634491	IDHmut_noncodel
9624	SLC15A2	3	121634491	LGG GBM
9625	SLC15A2	3	121634491	Mesenchymal
9626	SLC15A2	3	121643825	melanoma
9627	SLC15A2	3	121643825	melanoma

9628	SLC15A2	3	121648180	melanoma
9629	SLC15A2	3	121649793	melanoma
9630	SLC15A2	3	121649793	melanoma
9631	SLC15A2	3	121649793	melanoma
9632	SLC15A2	3	121649793	melanoma
9633	SLC15A2	3	121650496	melanoma
9634	SLC15A2	3	121650496	melanoma
9635	ILDR1	3	121712475	melanoma
9636	ILDR1	3	121712476	melanoma
9637	ILDR1	3	121712757	melanoma
9638	ILDR1	3	121712757	melanoma
9639	ILDR1	3	121712757	melanoma
9640	ILDR1	3	121720613	melanoma
9641	CD86	3	121825243	melanoma
9642	CASR	3	122002578	melanoma
9643	CASR	3	122002633	melanoma
9644	CASR	3	122002633	melanoma
9645	CASR	3	122002633	melanoma
9646	CASR	3	122002633	melanoma
9647	CASR	3	122002845	melanoma
9648	CASR	3	122002846	melanoma
9649	CASR	3	122002846	melanoma
9650	CASR	3	122003562	melanoma
9651	CCDC58	3	122078750	lung
9652	DTX3L	3	122288339	melanoma
9653	PARP15	3	122335903	melanoma
9654	PARP14	3	122419668	melanoma
9655	PARP14	3	122420204	melanoma
9656	PARP14	3	122422712	melanoma
9657	DIRC2	3	122578993	melanoma
9658	SEMA5B	3	122631855	lung
9659	SEMA5B	3	122631855	lung
9660	SEMA5B	3	122632822	melanoma
9661	SEC22A	3	122928186	bladder
9662	ADCY5	3	123038585	melanoma
9663	ADCY5	3	123166401	lung
9664	MYLK	3	123411680	melanoma
9665	MYLK	3	123426769	melanoma
9666	MYLK	3	123426769	melanoma
9667	MYLK	3	123451928	bladder
9668	MYLK	3	123456339	lung
9669	MYLK	3	123456339	lung
9670	CCDC14	3	123650246	hnscc
9671	KALRN	3	124017674	melanoma
9672	KALRN	3	124044858	melanoma
9673	KALRN	3	124044858	melanoma
9674	KALRN	3	124053259	Gbm
9675	KALRN	3	124053259	IDHwt
9676	KALRN	3	124053259	IDHwt_priGBM
9677	KALRN	3	124053259	LGG GBM
9678	KALRN	3	124053259	Mesenchymal
9679	KALRN	3	124160840	melanoma
9680	UMPS	3	124449356	lung
9681	UMPS	3	124449356	lung
9682	UMPS	3	124449356	lung
9683	UMPS	3	124449455	Astr
9684	UMPS	3	124449455	IDHwt
9685	UMPS	3	124449455	LGG GBM

9686	UMPS	3	124449455	Mesenchymal
9687	UMPS	3	124449455	PA_like
9688	UMPS	3	124456989	lung
9689	ITGB5	3	124540305	melanoma
9690	ITGB5	3	124560373	melanoma
9691	HEG1	3	124689539	hnscc
9692	HEG1	3	124692589	Astr
9693	HEG1	3	124692589	Astr
9694	HEG1	3	124692589	Astr
9695	HEG1	3	124692589	Classic
9696	HEG1	3	124692589	Classic
9697	HEG1	3	124692589	Classic
9698	HEG1	3	124692589	Classic_like
9699	HEG1	3	124692589	Classic_like
9700	HEG1	3	124692589	Classic_like
9701	HEG1	3	124692589	IDHwt
9702	HEG1	3	124692589	IDHwt
9703	HEG1	3	124692589	IDHwt
9704	HEG1	3	124692589	LGG GBM
9705	HEG1	3	124692589	LGG GBM
9706	HEG1	3	124692589	LGG GBM
9707	HEG1	3	124732009	melanoma
9708	HEG1	3	124732282	melanoma
9709	HEG1	3	124738297	melanoma
9710	HEG1	3	124738297	melanoma
9711	HEG1	3	124738297	melanoma
9712	HEG1	3	124738406	melanoma
9713	HEG1	3	124739746	melanoma
9714	HEG1	3	124739746	melanoma
9715	SLC12A8	3	124810310	melanoma
9716	ZNF148	3	124951612	melanoma
9717	OSBPL11	3	125298877	bladder
9718	ALDH1L1	3	125850259	melanoma
9719	ALDH1L1	3	125872351	lung
9720	KLF15	3	126070882	melanoma
9721	KLF15	3	126070882	melanoma
9722	KLF15	3	126070882	melanoma
9723	CFAP100	3	126132978	melanoma
9724	CFAP100	3	126153142	Classic_like
9725	CFAP100	3	126153142	Gbm
9726	CFAP100	3	126153142	IDHwt
9727	CFAP100	3	126153142	IDHwt_priGBM
9728	CFAP100	3	126153142	LGG GBM
9729	CFAP100	3	126153142	Mesenchymal
9730	ZXDC	3	126180686	melanoma
9731	UROC1	3	126226627	melanoma
9732	UROC1	3	126226627	melanoma
9733	UROC1	3	126226627	melanoma
9734	UROC1	3	126236490	melanoma
9735	CHST13	3	126260762	Classic
9736	CHST13	3	126260762	Classic_like
9737	CHST13	3	126260762	Gbm
9738	CHST13	3	126260762	LGG GBM
9739	CHST13	3	126261179	melanoma
9740	CHST13	3	126261320	Astr
9741	CHST13	3	126261320	GCIMP_high
9742	CHST13	3	126261320	IDHmut
9743	CHST13	3	126261320	IDHmut_noncodel

9744	CHST13	3	126261320	LGG GBM
9745	CHST13	3	126261320	Proneural
9746	C3orf22	3	126268898	melanoma
9747	TXNRD3NB	3	126291205	melanoma
9748	PLXNA1	3	126708616	melanoma
9749	PLXNA1	3	126722210	melanoma
9750	PLXNA1	3	126722210	melanoma
9751	PLXNA1	3	126746836	lung
9752	PLXNA1	3	126746836	lung
9753	C3orf56	3	126916211	melanoma
9754	MCM2	3	127318249	melanoma
9755	MCM2	3	127318249	melanoma
9756	PODXL2	3	127379304	melanoma
9757	MGLL	3	127411051	melanoma
9758	MGLL	3	127411051	melanoma
9759	KBTBD12	3	127642490	melanoma
9760	KBTBD12	3	127646621	melanoma
9761	EEFSEC	3	127981035	bladder
9762	DNAJB8	3	128181664	melanoma
9763	DNAJB8	3	128181664	melanoma
9764	RPN1	3	128348824	melanoma
9765	RPN1	3	128348824	melanoma
9766	RPN1	3	128350874	melanoma
9767	KIAA1257	3	128690136	melanoma
9768	KIAA1257	3	128694676	melanoma
9769	KIAA1257	3	128711898	melanoma
9770	COPG1	3	128973882	melanoma
9771	COPG1	3	128979630	lung
9772	COPG1	3	128982760	Classic
9773	COPG1	3	128982760	Classic_like
9774	COPG1	3	128982760	Gbm
9775	COPG1	3	128982760	IDHwt
9776	COPG1	3	128982760	IDHwt_priGBM
9777	COPG1	3	128982760	LGG GBM
9778	COPG1	3	128994045	melanoma
9779	EFCAB12	3	129137225	Gbm
9780	EFCAB12	3	129137225	IDHwt
9781	EFCAB12	3	129137225	IDHwt_priGBM
9782	EFCAB12	3	129137225	LGG GBM
9783	EFCAB12	3	129137225	Mesenchymal_like
9784	EFCAB12	3	129137225	Neural
9785	EFCAB12	3	129140343	melanoma
9786	MBD4	3	129152818	melanoma
9787	MBD4	3	129155525	melanoma
9788	MBD4	3	129155525	melanoma
9789	IFT122	3	129198697	melanoma
9790	IFT122	3	129198697	melanoma
9791	RHO	3	129249746	melanoma
9792	RHO	3	129249802	melanoma
9793	PLXND1	3	129290538	melanoma
9794	PLXND1	3	129297231	Classic_like
9795	PLXND1	3	129297231	Classic_like
9796	PLXND1	3	129297231	Gbm
9797	PLXND1	3	129297231	Gbm
9798	PLXND1	3	129297231	IDHwt
9799	PLXND1	3	129297231	IDHwt
9800	PLXND1	3	129297231	IDHwt_priGBM
9801	PLXND1	3	129297231	IDHwt_priGBM

9802	PLXND1	3	129297231	LGG GBM
9803	PLXND1	3	129297231	LGG GBM
9804	TMCC1	3	129546752	melanoma
9805	TRH	3	129695940	melanoma
9806	TRH	3	129695940	melanoma
9807	COL6A5	3	130095557	Gbm
9808	COL6A5	3	130095557	IDHwt
9809	COL6A5	3	130095557	IDHwt_priGBM
9810	COL6A5	3	130095557	LGG GBM
9811	COL6A5	3	130095557	LGm6_GBM
9812	COL6A5	3	130162344	melanoma
9813	COL6A5	3	130187828	melanoma
9814	COL6A5	3	130187828	melanoma
9815	COL6A6	3	130282206	melanoma
9816	COL6A6	3	130282434	melanoma
9817	COL6A6	3	130284078	melanoma
9818	COL6A6	3	130284078	melanoma
9819	COL6A6	3	130368167	melanoma
9820	PIK3R4	3	130463923	GCIMP_high
9821	PIK3R4	3	130463923	IDHmut
9822	PIK3R4	3	130463923	IDHmut_noncodel
9823	PIK3R4	3	130463923	LGG GBM
9824	PIK3R4	3	130463923	OligoAstr
9825	PIK3R4	3	130463923	Proneural
9826	ASTE1	3	130733089	melanoma
9827	ASTE1	3	130742925	melanoma
9828	ASTE1	3	130742925	melanoma
9829	NEK11	3	130881292	bladder
9830	NEK11	3	131068496	hnscc
9831	NUDT16	3	131101062	Classic_like
9832	NUDT16	3	131101062	Gbm
9833	NUDT16	3	131101062	IDHwt
9834	NUDT16	3	131101062	IDHwt_priGBM
9835	NUDT16	3	131101062	LGG GBM
9836	NUDT16	3	131101062	Mesenchymal
9837	DNAJC13	3	132186107	melanoma
9838	DNAJC13	3	132196869	melanoma
9839	DNAJC13	3	132196869	melanoma
9840	DNAJC13	3	132207208	IDHwt
9841	DNAJC13	3	132207208	LGG GBM
9842	DNAJC13	3	132207208	Mesenchymal_like
9843	DNAJC13	3	132207208	Neural
9844	DNAJC13	3	132247099	lung
9845	ACAD11	3	132294687	bladder
9846	NPHP3	3	132403432	melanoma
9847	TMEM108	3	133098877	melanoma
9848	TMEM108	3	133099421	melanoma
9849	TMEM108	3	133114733	melanoma
9850	BFSP2	3	133119370	melanoma
9851	CDV3	3	133305442	Classic_like
9852	CDV3	3	133305442	Gbm
9853	CDV3	3	133305442	IDHwt
9854	CDV3	3	133305442	IDHwt_priGBM
9855	CDV3	3	133305442	LGG GBM
9856	TOPBP1	3	133329982	lung
9857	SLCO2A1	3	133670074	melanoma
9858	SLCO2A1	3	133670093	melanoma
9859	EPHB1	3	134898764	melanoma

9860	EPHB1	3	134898764	melanoma
9861	EPHB1	3	134968198	melanoma
9862	EPHB1	3	134968231	melanoma
9863	SLC35G2	3	136574102	melanoma
9864	CLDN18	3	137717862	lung
9865	CLDN18	3	137729279	melanoma
9866	DZIP1L	3	137807312	melanoma
9867	DZIP1L	3	137811269	lung
9868	DBR1	3	137890519	bladder
9869	ARMC8	3	137942555	melanoma
9870	ESYT3	3	138187524	melanoma
9871	FAIM	3	138340334	melanoma
9872	PRR23B	3	138738893	melanoma
9873	PRR23B	3	138738956	Codel
9874	PRR23B	3	138738956	IDHmut
9875	PRR23B	3	138738956	IDHmut_codel
9876	PRR23B	3	138738956	LGG GBM
9877	PRR23B	3	138738956	Oligo
9878	PRR23B	3	138738956	Proneural
9879	PRR23B	3	138739092	melanoma
9880	PRR23B	3	138739184	melanoma
9881	PRR23C	3	138763141	Gbm
9882	PRR23C	3	138763141	IDHwt
9883	PRR23C	3	138763141	IDHwt_priGBM
9884	PRR23C	3	138763141	LGG GBM
9885	PRR23C	3	138763141	Mesenchymal_like
9886	PRR23C	3	138763143	melanoma
9887	PRR23C	3	138763143	melanoma
9888	PRR23C	3	138763143	melanoma
9889	PRR23C	3	138763143	melanoma
9890	COPB2	3	139085462	Astr
9891	COPB2	3	139085462	Classic
9892	COPB2	3	139085462	IDHwt
9893	COPB2	3	139085462	LGG GBM
9894	COPB2	3	139085462	Mesenchymal_like
9895	COPB2	3	139088324	melanoma
9896	COPB2	3	139092064	melanoma
9897	COPB2	3	139092064	melanoma
9898	RBP1	3	139237319	melanoma
9899	CLSTN2	3	140281698	Gbm
9900	CLSTN2	3	140281698	GCIMP_low
9901	CLSTN2	3	140281698	IDHmut
9902	CLSTN2	3	140281698	IDHmut_noncodel
9903	CLSTN2	3	140281698	LGG GBM
9904	CLSTN2	3	140281698	Proneural
9905	CLSTN2	3	140281970	melanoma
9906	SLC25A36	3	140682063	Astr
9907	SLC25A36	3	140682063	GCIMP_high
9908	SLC25A36	3	140682063	IDHmut
9909	SLC25A36	3	140682063	IDHmut_noncodel
9910	SLC25A36	3	140682063	LGG GBM
9911	SPSB4	3	140784990	lung
9912	SPSB4	3	140866017	melanoma
9913	PXYLP1	3	141011752	melanoma
9914	PXYLP1	3	141011868	melanoma
9915	ZBTB38	3	141161465	melanoma
9916	ZBTB38	3	141162159	melanoma
9917	ZBTB38	3	141164403	Astr

9918	ZBTB38	3	141164403	IDHwt
9919	ZBTB38	3	141164403	LGG GBM
9920	ZBTB38	3	141164403	Neural
9921	ZBTB38	3	141164403	PA_like
9922	ZBTB38	3	141164614	melanoma
9923	RASA2	3	141231116	melanoma
9924	RASA2	3	141235204	melanoma
9925	RASA2	3	141274726	melanoma
9926	RASA2	3	141289844	Astr
9927	RASA2	3	141289844	GCIMP_high
9928	RASA2	3	141289844	IDHmut
9929	RASA2	3	141289844	IDHmut_noncodel
9930	RASA2	3	141289844	LGG GBM
9931	RASA2	3	141289844	Neural
9932	RNF7	3	141464025	melanoma
9933	RNF7	3	141464025	melanoma
9934	GK5	3	141884499	melanoma
9935	XRN1	3	142131457	melanoma
9936	XRN1	3	142137373	melanoma
9937	XRN1	3	142137373	melanoma
9938	ATR	3	142226894	melanoma
9939	ATR	3	142226894	melanoma
9940	ATR	3	142226894	melanoma
9941	ATR	3	142226894	melanoma
9942	ATR	3	142226894	melanoma
9943	ATR	3	142266704	melanoma
9944	ATR	3	142272698	bladder
9945	ATR	3	142274761	melanoma
9946	ATR	3	142281900	melanoma
9947	PLS1	3	142388247	melanoma
9948	PLS1	3	142402920	melanoma
9949	PLS1	3	142402920	melanoma
9950	PLS1	3	142413353	melanoma
9951	PLS1	3	142413353	melanoma
9952	PLS1	3	142413353	melanoma
9953	PLS1	3	142416837	melanoma
9954	PLS1	3	142416837	melanoma
9955	TRPC1	3	142467235	melanoma
9956	PCOLCE2	3	142539734	melanoma
9957	PCOLCE2	3	142567218	melanoma
9958	CHST2	3	142840212	Classic
9959	CHST2	3	142840212	Gbm
9960	CHST2	3	142840212	IDHwt
9961	CHST2	3	142840212	IDHwt_priGBM
9962	CHST2	3	142840212	LGG GBM
9963	CHST2	3	142840212	Mesenchymal_like
9964	CHST2	3	142841108	Gbm
9965	CHST2	3	142841108	GCIMP_low
9966	CHST2	3	142841108	IDHmut
9967	CHST2	3	142841108	IDHmut_noncodel
9968	CHST2	3	142841108	LGG GBM
9969	CHST2	3	142841108	Proneural
9970	PLSCR4	3	145918848	melanoma
9971	PLSCR1	3	146239654	Classic
9972	PLSCR1	3	146239654	Gbm
9973	PLSCR1	3	146239654	IDHwt
9974	PLSCR1	3	146239654	IDHwt_priGBM
9975	PLSCR1	3	146239654	LGG GBM

9976	PLSCR5	3	146318166	melanoma
9977	PLSCR5	3	146318166	melanoma
9978	ZIC4	3	147108751	Classic_like
9979	ZIC4	3	147108751	Classic_like
9980	ZIC4	3	147108751	Gbm
9981	ZIC4	3	147108751	Gbm
9982	ZIC4	3	147108751	IDHwt
9983	ZIC4	3	147108751	IDHwt
9984	ZIC4	3	147108751	IDHwt_priGBM
9985	ZIC4	3	147108751	IDHwt_priGBM
9986	ZIC4	3	147108751	LGG GBM
9987	ZIC4	3	147108751	LGG GBM
9988	ZIC4	3	147108751	Mesenchymal
9989	ZIC4	3	147108751	Mesenchymal
9990	ZIC4	3	147108883	melanoma
9991	ZIC1	3	147128425	Classic
9992	ZIC1	3	147128425	Gbm
9993	ZIC1	3	147128425	IDHwt
9994	ZIC1	3	147128425	IDHwt_priGBM
9995	ZIC1	3	147128425	LGG GBM
9996	ZIC1	3	147128425	Mesenchymal_like
9997	ZIC1	3	147131262	melanoma
9998	AGTR1	3	148458956	melanoma
9999	AGTR1	3	148459240	Classic
10000	AGTR1	3	148459240	Classic_like
10001	AGTR1	3	148459240	Gbm
10002	AGTR1	3	148459240	IDHwt
10003	AGTR1	3	148459240	IDHwt_priGBM
10004	AGTR1	3	148459240	LGG GBM
10005	AGTR1	3	148459566	melanoma
10006	AGTR1	3	148459784	melanoma
10007	AGTR1	3	148459784	melanoma
10008	AGTR1	3	148459835	melanoma
10009	CPB1	3	148545614	Astr
10010	CPB1	3	148545614	GCIMP_high
10011	CPB1	3	148545614	IDHmut
10012	CPB1	3	148545614	IDHmut_noncodel
10013	CPB1	3	148545614	LGG GBM
10014	CPB1	3	148545614	Proneural
10015	CPB1	3	148558739	melanoma
10016	CPB1	3	148577670	melanoma
10017	GYG1	3	148744586	melanoma
10018	HLTF	3	148759986	melanoma
10019	HLTF	3	148765914	melanoma
10020	HLTF	3	148768047	melanoma
10021	HLTF	3	148768105	Gbm
10022	HLTF	3	148768105	IDHwt
10023	HLTF	3	148768105	IDHwt_priGBM
10024	HLTF	3	148768105	LGG GBM
10025	HLTF	3	148768105	Mesenchymal_like
10026	HLTF	3	148768105	Proneural
10027	HLTF	3	148792127	melanoma
10028	HPS3	3	148847721	hnsc
10029	HPS3	3	148858093	melanoma
10030	HPS3	3	148889938	melanoma
10031	HPS3	3	148889938	melanoma
10032	CP	3	148939500	melanoma
10033	TM4SF4	3	149192723	melanoma

10034	ERICH6	3	150384725	melanoma
10035	ERICH6	3	150387198	melanoma
10036	ERICH6	3	150387198	melanoma
10037	ERICH6	3	150396215	melanoma
10038	SIAH2	3	150460220	lung
10039	MED12L	3	150834225	GCIMP_high
10040	MED12L	3	150834225	IDHmut
10041	MED12L	3	150834225	IDHmut_noncodel
10042	MED12L	3	150834225	LGG GBM
10043	MED12L	3	150834225	Neural
10044	MED12L	3	150834225	OligoAstr
10045	MED12L	3	150883711	melanoma
10046	MED12L	3	150906169	lung
10047	MED12L	3	150906259	Classic
10048	MED12L	3	150906259	Classic_like
10049	MED12L	3	150906259	Gbm
10050	MED12L	3	150906259	IDHwt
10051	MED12L	3	150906259	IDHwt_priGBM
10052	MED12L	3	150906259	LGG GBM
10053	GPR171	3	150916789	bladder
10054	GPR171	3	150916789	bladder
10055	P2RY14	3	150931315	melanoma
10056	P2RY14	3	150931974	melanoma
10057	P2RY14	3	150931974	melanoma
10058	GPR87	3	151012718	melanoma
10059	P2RY12	3	151056231	melanoma
10060	P2RY12	3	151056402	melanoma
10061	MED12L	3	151073798	melanoma
10062	MED12L	3	151129246	melanoma
10063	MED12L	3	151129246	melanoma
10064	MED12L	3	151129246	melanoma
10065	MED12L	3	151129246	melanoma
10066	IGSF10	3	151155324	melanoma
10067	IGSF10	3	151155324	melanoma
10068	IGSF10	3	151155324	melanoma
10069	IGSF10	3	151155324	melanoma
10070	IGSF10	3	151160955	melanoma
10071	IGSF10	3	151161336	bladder
10072	IGSF10	3	151171291	melanoma
10073	AADAC	3	151531985	melanoma
10074	AADAC	3	151531985	melanoma
10075	AADAC	3	151535176	melanoma
10076	AADAC	3	151535181	melanoma
10077	AADAC	3	151545467	melanoma
10078	AADAC	3	151545829	melanoma
10079	SUCNR1	3	151599071	melanoma
10080	SUCNR1	3	151599071	melanoma
10081	ARHGEF26	3	153839936	melanoma
10082	ARHGEF26	3	153839936	melanoma
10083	ARHGEF26	3	153839996	bladder
10084	ARHGEF26	3	153867191	melanoma
10085	ARHGEF26	3	153905575	melanoma
10086	ARHGEF26	3	153905575	melanoma
10087	DHX36	3	154013093	melanoma
10088	GPR149	3	154147257	melanoma
10089	MME	3	154855945	melanoma
10090	PLCH1	3	155199776	melanoma
10091	PLCH1	3	155200762	melanoma

10092	PLCH1	3	155286095	melanoma
10093	SLC33A1	3	155546108	Astr
10094	SLC33A1	3	155546108	GCIMP_high
10095	SLC33A1	3	155546108	IDHmut
10096	SLC33A1	3	155546108	IDHmut_noncodel
10097	SLC33A1	3	155546108	LGG GBM
10098	SLC33A1	3	155546108	Proneural
10099	SLC33A1	3	155547488	lung
10100	SLC33A1	3	155547581	Classic
10101	SLC33A1	3	155547581	Classic
10102	SLC33A1	3	155547581	Classic_like
10103	SLC33A1	3	155547581	Classic_like
10104	SLC33A1	3	155547581	Gbm
10105	SLC33A1	3	155547581	Gbm
10106	SLC33A1	3	155547581	IDHwt
10107	SLC33A1	3	155547581	IDHwt
10108	SLC33A1	3	155547581	IDHwt_priGBM
10109	SLC33A1	3	155547581	IDHwt_priGBM
10110	SLC33A1	3	155547581	LGG GBM
10111	SLC33A1	3	155547581	LGG GBM
10112	SLC33A1	3	155571333	melanoma
10113	SLC33A1	3	155571333	melanoma
10114	GMPS	3	155628499	melanoma
10115	GMPS	3	155629013	lung
10116	GMPS	3	155654153	melanoma
10117	KCNAB1	3	155838554	melanoma
10118	KCNAB1	3	155861167	melanoma
10119	LEKR1	3	156746049	melanoma
10120	LEKR1	3	156746049	melanoma
10121	LEKR1	3	156746049	melanoma
10122	VEPH1	3	157034948	melanoma
10123	PTX3	3	157155547	bladder
10124	PTX3	3	157160320	melanoma
10125	PTX3	3	157160434	melanoma
10126	RSRC1	3	158261167	melanoma
10127	MLF1	3	158314681	melanoma
10128	LXN	3	158387363	melanoma
10129	CJ-SCHIP1;SCHII	3	159482271	bladder
10130	IL12A	3	159708026	melanoma
10131	IL12A	3	159711383	melanoma
10132	IFT80	3	160099363	bladder
10133	IFT80	3	160099363	bladder
10134	SMC4	3	160138631	melanoma
10135	SMC4	3	160146702	melanoma
10136	TRIM59	3	160156100	lung
10137	PPM1L	3	160474163	lung
10138	PPM1L	3	160474163	lung
10139	PPM1L	3	160474163	lung
10140	PPM1L	3	160474163	lung
10141	PPM1L	3	160786667	melanoma
10142	B3GALNT1	3	160804431	melanoma
10143	SPTSSB	3	161064052	melanoma
10144	SPTSSB	3	161064077	lung
10145	SI	3	164700806	hnscc
10146	SI	3	164714403	melanoma
10147	SI	3	164735830	melanoma
10148	SI	3	164737461	melanoma
10149	SI	3	164739066	melanoma

10150	SI	3	164764781	melanoma
10151	SI	3	164783201	melanoma
10152	SI	3	164793773	melanoma
10153	SI	3	164793773	melanoma
10154	SLITRK3	3	164905708	melanoma
10155	SLITRK3	3	164906992	melanoma
10156	SLITRK3	3	164907142	hnsc
10157	SLITRK3	3	164907594	melanoma
10158	SLITRK3	3	164907796	melanoma
10159	SLITRK3	3	164907796	melanoma
10160	SLITRK3	3	164907796	melanoma
10161	SLITRK3	3	164908043	melanoma
10162	SLITRK3	3	164908224	melanoma
10163	BCHE	3	165503954	melanoma
10164	BCHE	3	165503999	Classic
10165	BCHE	3	165503999	Gbm
10166	BCHE	3	165503999	IDHwt
10167	BCHE	3	165503999	IDHwt_priGBM
10168	BCHE	3	165503999	LGG GBM
10169	BCHE	3	165503999	Mesenchymal_like
10170	BCHE	3	165547444	lung
10171	BCHE	3	165547684	melanoma
10172	BCHE	3	165548427	lung
10173	BCHE	3	165548577	melanoma
10174	ZBBX	3	167090649	melanoma
10175	SERPINI2	3	167183368	lung
10176	SERPINI2	3	167189510	melanoma
10177	WDR49	3	167196724	melanoma
10178	WDR49	3	167272511	melanoma
10179	WDR49	3	167277886	lung
10180	PDCD10	3	167413412	melanoma
10181	GOLIM4	3	167750526	lung
10182	MECOM	3	168806792	melanoma
10183	MECOM	3	168833195	melanoma
10184	MECOM	3	168833393	melanoma
10185	MECOM	3	168833559	melanoma
10186	MECOM	3	168833559	melanoma
10187	MECOM	3	168833559	melanoma
10188	MECOM	3	168834131	melanoma
10189	MECOM	3	168834131	melanoma
10190	MECOM	3	168834131	melanoma
10191	MECOM	3	168834168	Classic_like
10192	MECOM	3	168834168	Gbm
10193	MECOM	3	168834168	LGG GBM
10194	MECOM	3	168834168	Mesenchymal
10195	MECOM	3	168834185	Gbm
10196	MECOM	3	168834185	IDHwt
10197	MECOM	3	168834185	IDHwt_priGBM
10198	MECOM	3	168834185	LGG GBM
10199	MECOM	3	168834185	Mesenchymal
10200	MECOM	3	168834185	Mesenchymal_like
10201	MECOM	3	168834329	melanoma
10202	MECOM	3	168838853	melanoma
10203	MECOM	3	168838897	melanoma
10204	MECOM	3	168861611	melanoma
10205	MECOM	3	169099030	melanoma
10206	ACTRT3	3	169485669	melanoma
10207	LRR34	3	169521963	melanoma

10208	LRRIQ4	3	169540073	melanoma
10209	LRRIQ4	3	169540106	melanoma
10210	LRRIQ4	3	169540106	melanoma
10211	LRRC31	3	169578406	melanoma
10212	LRRC31	3	169587517	melanoma
10213	SAMD7	3	169644598	lung
10214	SAMD7	3	169644784	Classic_like
10215	SAMD7	3	169644784	IDHwt
10216	SAMD7	3	169644784	LGG GBM
10217	SAMD7	3	169654200	Classic_like
10218	SAMD7	3	169654200	Gbm
10219	SAMD7	3	169654200	IDHwt
10220	SAMD7	3	169654200	IDHwt_priGBM
10221	SAMD7	3	169654200	LGG GBM
10222	SAMD7	3	169654200	Neural
10223	SAMD7	3	169654200	IDHwt_priGBM2
10224	SEC62	3	169693466	melanoma
10225	SEC62	3	169693466	melanoma
10226	PRKCI	3	169953053	melanoma
10227	PRKCI	3	170011225	melanoma
10228	RPL22L1	3	170586125	melanoma
10229	SLC2A2	3	170720421	melanoma
10230	SLC2A2	3	170720421	melanoma
10231	TNIK	3	170800078	Classic
10232	TNIK	3	170800078	Classic
10233	TNIK	3	170800078	Classic_like
10234	TNIK	3	170800078	Classic_like
10235	TNIK	3	170800078	Gbm
10236	TNIK	3	170800078	Gbm
10237	TNIK	3	170800078	IDHwt
10238	TNIK	3	170800078	IDHwt
10239	TNIK	3	170800078	IDHwt_priGBM
10240	TNIK	3	170800078	IDHwt_priGBM
10241	TNIK	3	170800078	LGG GBM
10242	TNIK	3	170800078	LGG GBM
10243	TNIK	3	170802100	melanoma
10244	TNIK	3	170802100	melanoma
10245	PLD1	3	171330138	melanoma
10246	PLD1	3	171338265	melanoma
10247	PLD1	3	171404504	melanoma
10248	PLD1	3	171404504	melanoma
10249	PLD1	3	171410198	melanoma
10250	PLD1	3	171427368	Astr
10251	PLD1	3	171427368	GCIMP_high
10252	PLD1	3	171427368	IDHmut
10253	PLD1	3	171427368	IDHmut_noncode1
10254	PLD1	3	171427368	LGG GBM
10255	FNDC3B	3	172096080	Classic
10256	FNDC3B	3	172096080	Classic_like
10257	FNDC3B	3	172096080	Gbm
10258	FNDC3B	3	172096080	IDHwt
10259	FNDC3B	3	172096080	IDHwt_priGBM
10260	FNDC3B	3	172096080	LGG GBM
10261	FNDC3B	3	172115081	melanoma
10262	GHSR	3	172165732	melanoma
10263	GHSR	3	172165756	lung
10264	TNFSF10	3	172224649	melanoma
10265	TNFSF10	3	172241153	Classic

10266	TNFSF10	3	172241153	Classic_like
10267	TNFSF10	3	172241153	Gbm
10268	TNFSF10	3	172241153	IDHwt
10269	TNFSF10	3	172241153	IDHwt_priGBM
10270	TNFSF10	3	172241153	LGG GBM
10271	NCEH1	3	172351401	melanoma
10272	ECT2	3	172486880	melanoma
10273	ECT2	3	172501613	Gbm
10274	ECT2	3	172501613	IDHwt
10275	ECT2	3	172501613	IDHwt_priGBM
10276	ECT2	3	172501613	LGG GBM
10277	ECT2	3	172501613	Mesenchymal_like
10278	ECT2	3	172520681	melanoma
10279	ECT2	3	172534601	melanoma
10280	SPATA16	3	172643178	melanoma
10281	SPATA16	3	172643178	melanoma
10282	SPATA16	3	172694781	melanoma
10283	NAALADL2	3	175041992	melanoma
10284	NAALADL2	3	175041994	melanoma
10285	NAALADL2	3	175345142	melanoma
10286	NAALADL2	3	175345142	melanoma
10287	TBL1XR1	3	176750910	melanoma
10288	KCNMB2	3	178560688	melanoma
10289	PIK3CA	3	178916645	Codel
10290	PIK3CA	3	178916645	IDHmut
10291	PIK3CA	3	178916645	IDHmut_codel
10292	PIK3CA	3	178916645	LGG GBM
10293	PIK3CA	3	178916645	Oligo
10294	PIK3CA	3	178916645	Proneural
10295	PIK3CA	3	178916728	Classic_like
10296	PIK3CA	3	178916728	Classic_like
10297	PIK3CA	3	178916728	Gbm
10298	PIK3CA	3	178916728	Gbm
10299	PIK3CA	3	178916728	IDHwt
10300	PIK3CA	3	178916728	IDHwt
10301	PIK3CA	3	178916728	IDHwt_priGBM
10302	PIK3CA	3	178916728	IDHwt_priGBM
10303	PIK3CA	3	178916728	LGG GBM
10304	PIK3CA	3	178916728	LGG GBM
10305	PIK3CA	3	178916728	Mesenchymal
10306	PIK3CA	3	178916728	Mesenchymal
10307	PIK3CA	3	178916876	Gbm
10308	PIK3CA	3	178916876	IDHwt
10309	PIK3CA	3	178916876	IDHwt_priGBM
10310	PIK3CA	3	178916876	LGG GBM
10311	PIK3CA	3	178916876	Mesenchymal_like
10312	PIK3CA	3	178916876	Proneural
10313	PIK3CA	3	178916876	IDHwt_priGBM2
10314	PIK3CA	3	178921486	melanoma
10315	PIK3CA	3	178921486	melanoma
10316	PIK3CA	3	178921549	melanoma
10317	PIK3CA	3	178921551	Codel
10318	PIK3CA	3	178921551	Codel
10319	PIK3CA	3	178921551	Codel
10320	PIK3CA	3	178921551	Codel
10321	PIK3CA	3	178921551	IDHmut
10322	PIK3CA	3	178921551	IDHmut
10323	PIK3CA	3	178921551	IDHmut

10324	PIK3CA	3	178921551	IDHmut
10325	PIK3CA	3	178921551	IDHmut_codel
10326	PIK3CA	3	178921551	IDHmut_codel
10327	PIK3CA	3	178921551	IDHmut_codel
10328	PIK3CA	3	178921551	IDHmut_codel
10329	PIK3CA	3	178921551	LGG GBM
10330	PIK3CA	3	178921551	LGG GBM
10331	PIK3CA	3	178921551	LGG GBM
10332	PIK3CA	3	178921551	LGG GBM
10333	PIK3CA	3	178921551	Oligo
10334	PIK3CA	3	178921551	Oligo
10335	PIK3CA	3	178921551	Oligo
10336	PIK3CA	3	178921551	Oligo
10337	PIK3CA	3	178922364	Classic_like
10338	PIK3CA	3	178922364	Gbm
10339	PIK3CA	3	178922364	IDHwt
10340	PIK3CA	3	178922364	IDHwt_priGBM
10341	PIK3CA	3	178922364	LGG GBM
10342	PIK3CA	3	178928079	Astr
10343	PIK3CA	3	178928079	Codel
10344	PIK3CA	3	178928079	IDHmut
10345	PIK3CA	3	178928079	IDHmut_codel
10346	PIK3CA	3	178928079	LGG GBM
10347	PIK3CA	3	178928079	Neural
10348	PIK3CA	3	178928081	Classic_like
10349	PIK3CA	3	178928081	Gbm
10350	PIK3CA	3	178928081	IDHwt
10351	PIK3CA	3	178928081	IDHwt_priGBM
10352	PIK3CA	3	178928081	LGG GBM
10353	PIK3CA	3	178928081	Mesenchymal
10354	PIK3CA	3	178936082	Codel
10355	PIK3CA	3	178936082	IDHmut
10356	PIK3CA	3	178936082	IDHmut_codel
10357	PIK3CA	3	178936082	LGG GBM
10358	PIK3CA	3	178936082	OligoAstr
10359	PIK3CA	3	178936082	Proneural
10360	PIK3CA	3	178936092	Astr
10361	PIK3CA	3	178936092	GCIMP_high
10362	PIK3CA	3	178936092	IDHmut
10363	PIK3CA	3	178936092	IDHmut_noncodel
10364	PIK3CA	3	178936092	LGG GBM
10365	PIK3CA	3	178936092	Proneural
10366	PIK3CA	3	178947865	Astr
10367	PIK3CA	3	178947865	Astr
10368	PIK3CA	3	178947865	IDHwt
10369	PIK3CA	3	178947865	IDHwt
10370	PIK3CA	3	178947865	LGG GBM
10371	PIK3CA	3	178947865	LGG GBM
10372	PIK3CA	3	178947865	Mesenchymal
10373	PIK3CA	3	178947865	Mesenchymal
10374	PIK3CA	3	178947865	Mesenchymal_like
10375	PIK3CA	3	178947865	Mesenchymal_like
10376	PIK3CA	3	178952085	Codel
10377	PIK3CA	3	178952085	Gbm
10378	PIK3CA	3	178952085	IDHmut
10379	PIK3CA	3	178952085	IDHmut_codel
10380	PIK3CA	3	178952085	IDHwt
10381	PIK3CA	3	178952085	IDHwt_priGBM

10382	PIK3CA	3	178952085	LGG GBM
10383	PIK3CA	3	178952085	LGG GBM
10384	PIK3CA	3	178952085	Mesenchymal
10385	PIK3CA	3	178952085	Mesenchymal_like
10386	PIK3CA	3	178952085	Proneural
10387	ZNF639	3	179051599	lung
10388	MFN1	3	179096553	melanoma
10389	GNB4	3	179123166	melanoma
10390	GNB4	3	179123166	melanoma
10391	USP13	3	179439323	lung
10392	PEX5L	3	179616015	melanoma
10393	TTC14	3	180321035	Classic_like
10394	TTC14	3	180321035	Classic_like
10395	TTC14	3	180321035	Gbm
10396	TTC14	3	180321035	Gbm
10397	TTC14	3	180321035	IDHwt
10398	TTC14	3	180321035	IDHwt
10399	TTC14	3	180321035	IDHwt_priGBM
10400	TTC14	3	180321035	IDHwt_priGBM
10401	TTC14	3	180321035	LGG GBM
10402	TTC14	3	180321035	LGG GBM
10403	TTC14	3	180324283	melanoma
10404	CCDC39	3	180359947	lung
10405	CCDC39	3	180377338	melanoma
10406	CCDC39	3	180377338	melanoma
10407	CCDC39	3	180377491	melanoma
10408	DNAJC19	3	180702496	melanoma
10409	SOX2	3	181430308	melanoma
10410	SOX2	3	181430921	melanoma
10411	ATP11B	3	182559871	Gbm
10412	ATP11B	3	182559871	IDHwt
10413	ATP11B	3	182559871	IDHwt_priGBM
10414	ATP11B	3	182559871	LGG GBM
10415	ATP11B	3	182559871	Mesenchymal_like
10416	ATP11B	3	182585181	Gbm
10417	ATP11B	3	182585181	IDHwt
10418	ATP11B	3	182585181	IDHwt_priGBM
10419	ATP11B	3	182585181	LGG GBM
10420	ATP11B	3	182585181	Mesenchymal
10421	ATP11B	3	182585181	Mesenchymal_like
10422	ATP11B	3	182616406	melanoma
10423	ATP11B	3	182616406	melanoma
10424	MCCC1	3	182756906	melanoma
10425	MCCC1	3	182756906	melanoma
10426	MCCC1	3	182756906	melanoma
10427	MCCC1	3	182759517	melanoma
10428	LAMP3	3	182871508	melanoma
10429	MCF2L2	3	182897447	melanoma
10430	KLHL24	3	183390166	melanoma
10431	YEATS2	3	183465490	melanoma
10432	YEATS2	3	183476689	melanoma
10433	YEATS2	3	183480002	melanoma
10434	YEATS2	3	183519299	melanoma
10435	YEATS2	3	183526956	melanoma
10436	ABCC5	3	183700632	Gbm
10437	ABCC5	3	183700632	Gbm
10438	ABCC5	3	183700632	GCIMP_low
10439	ABCC5	3	183700632	GCIMP_low

10440	ABCC5	3	183700632	IDHmut
10441	ABCC5	3	183700632	IDHmut
10442	ABCC5	3	183700632	IDHmut_noncodel
10443	ABCC5	3	183700632	IDHmut_noncodel
10444	ABCC5	3	183700632	LGG GBM
10445	ABCC5	3	183700632	LGG GBM
10446	ABCC5	3	183700632	Proneural
10447	ABCC5	3	183700632	Proneural
10448	HTR3D	3	183754305	melanoma
10449	HTR3D	3	183756185	melanoma
10450	HTR3C	3	183770885	melanoma
10451	HTR3C	3	183777414	melanoma
10452	HTR3E	3	183818258	melanoma
10453	EIF2B5	3	183861936	melanoma
10454	AP2M1	3	183896739	melanoma
10455	AP2M1	3	183896739	melanoma
10456	ECE2	3	184009183	melanoma
10457	PSMD2	3	184018123	lung
10458	EIF4G1	3	184039531	melanoma
10459	EIF4G1	3	184039531	melanoma
10460	EIF4G1	3	184044687	melanoma
10461	EIF4G1	3	184044687	melanoma
10462	EIF4G1	3	184044687	melanoma
10463	EIF4G1	3	184049857	melanoma
10464	POLR2H	3	184085979	melanoma
10465	CHRD	3	184102827	melanoma
10466	CHRD	3	184102827	melanoma
10467	CHRD	3	184105216	melanoma
10468	CHRD	3	184105216	melanoma
10469	CHRD	3	184106435	melanoma
10470	CHRD	3	184106479	melanoma
10471	CHRD	3	184106479	melanoma
10472	VPS8	3	184543975	Gbm
10473	VPS8	3	184543975	IDHwt
10474	VPS8	3	184543975	IDHwt_priGBM
10475	VPS8	3	184543975	LGG GBM
10476	VPS8	3	184543975	Mesenchymal
10477	VPS8	3	184543975	Mesenchymal_like
10478	VPS8	3	184567778	bladder
10479	VPS8	3	184616435	melanoma
10480	EHHADH	3	184910258	melanoma
10481	MAP3K13	3	185190800	melanoma
10482	MAP3K13	3	185190800	melanoma
10483	SENP2	3	185304259	melanoma
10484	SENP2	3	185316806	Astr
10485	SENP2	3	185316806	GCIMP_high
10486	SENP2	3	185316806	IDHmut
10487	SENP2	3	185316806	IDHmut_noncodel
10488	SENP2	3	185316806	LGG GBM
10489	SENP2	3	185316806	Proneural
10490	IGF2BP2	3	185390357	melanoma
10491	IGF2BP2	3	185390357	melanoma
10492	ETV5	3	185775227	melanoma
10493	ETV5	3	185798952	melanoma
10494	ETV5	3	185798952	melanoma
10495	DGKG	3	185969628	melanoma
10496	DGKG	3	185970929	melanoma
10497	DGKG	3	186015981	lung

10498	CRYGS	3	186257281	melanoma
10499	AHSG	3	186338427	melanoma
10500	HRG	3	186390583	melanoma
10501	HRG	3	186390618	Classic
10502	HRG	3	186390618	Classic_like
10503	HRG	3	186390618	Gbm
10504	HRG	3	186390618	IDHwt
10505	HRG	3	186390618	IDHwt_priGBM
10506	HRG	3	186390618	LGG GBM
10507	HRG	3	186395526	melanoma
10508	KNG1	3	186437927	melanoma
10509	KNG1	3	186437927	melanoma
10510	KNG1	3	186445039	melanoma
10511	KNG1	3	186459834	melanoma
10512	RFC4	3	186522379	melanoma
10513	ADIPOQ	3	186572149	melanoma
10514	RTP1	3	186915392	melanoma
10515	RTP1	3	186917733	melanoma
10516	MASP1	3	186940955	melanoma
10517	RTP4	3	187086269	melanoma
10518	RTP4	3	187088818	Astr
10519	RTP4	3	187088818	Astr
10520	RTP4	3	187088818	Astr
10521	RTP4	3	187088818	GCIMP_high
10522	RTP4	3	187088818	GCIMP_high
10523	RTP4	3	187088818	GCIMP_high
10524	RTP4	3	187088818	IDHmut
10525	RTP4	3	187088818	IDHmut
10526	RTP4	3	187088818	IDHmut
10527	RTP4	3	187088818	IDHmut_noncodel
10528	RTP4	3	187088818	IDHmut_noncodel
10529	RTP4	3	187088818	IDHmut_noncodel
10530	RTP4	3	187088818	LGG GBM
10531	RTP4	3	187088818	LGG GBM
10532	RTP4	3	187088818	LGG GBM
10533	RTP4	3	187088818	Proneural
10534	RTP4	3	187088818	Proneural
10535	RTP4	3	187088818	Proneural
10536	TPRG1	3	189038538	melanoma
10537	TP63	3	189584536	melanoma
10538	TP63	3	189584536	melanoma
10539	TP63	3	189584539	melanoma
10540	TP63	3	189590660	bladder
10541	P3H2	3	189681767	melanoma
10542	P3H2	3	189700904	melanoma
10543	P3H2	3	189700904	melanoma
10544	P3H2	3	189838076	melanoma
10545	CLDN16	3	190126225	Astr
10546	CLDN16	3	190126225	GCIMP_high
10547	CLDN16	3	190126225	IDHmut
10548	CLDN16	3	190126225	IDHmut_noncodel
10549	CLDN16	3	190126225	LGG GBM
10550	CLDN16	3	190126225	Proneural
10551	IL1RAP	3	190374037	melanoma
10552	GMNC	3	190578580	melanoma
10553	GMNC	3	190578580	melanoma
10554	CCDC50	3	191075823	melanoma
10555	FGF12	3	191888276	melanoma

10556	FGF12	3	192053236	melanoma
10557	MB21D2	3	192516446	melanoma
10558	MB21D2	3	192516446	melanoma
10559	MB21D2	3	192516446	melanoma
10560	HRASLS	3	192980878	melanoma
10561	HRASLS	3	192981019	melanoma
10562	ATP13A5	3	193029702	melanoma
10563	ATP13A5	3	193039583	melanoma
10564	ATP13A5	3	193042705	melanoma
10565	ATP13A5	3	193042705	melanoma
10566	ATP13A5	3	193052855	melanoma
10567	ATP13A5	3	193062860	bladder
10568	ATP13A5	3	193068963	melanoma
10569	ATP13A4	3	193120577	melanoma
10570	ATP13A4	3	193159320	melanoma
10571	OPA1	3	193335072	lung
10572	CPN2	3	194062129	Gbm
10573	CPN2	3	194062129	IDHwt
10574	CPN2	3	194062129	IDHwt_priGBM
10575	CPN2	3	194062129	LGG_GBM
10576	CPN2	3	194062129	LGm6_GBM
10577	CPN2	3	194062873	melanoma
10578	CPN2	3	194062873	melanoma
10579	CPN2	3	194062873	melanoma
10580	CPN2	3	194062873	melanoma
10581	LRRC15	3	194080335	bladder
10582	LRRC15	3	194080502	melanoma
10583	LRRC15	3	194080998	melanoma
10584	LRRC15	3	194081543	melanoma
10585	LRRC15	3	194081559	melanoma
10586	LRRC15	3	194081559	melanoma
10587	LRRC15	3	194081580	lung
10588	LRRC15	3	194081580	lung
10589	GP5	3	194118360	melanoma
10590	GP5	3	194118380	melanoma
10591	ATP13A3	3	194150822	melanoma
10592	ATP13A3	3	194150822	melanoma
10593	ATP13A3	3	194150822	melanoma
10594	ATP13A3	3	194150822	melanoma
10595	ATP13A3	3	194150822	melanoma
10596	ATP13A3	3	194150822	melanoma
10597	MUC4	3	195484133	GCIMP_low
10598	MUC4	3	195484133	IDHmut
10599	MUC4	3	195484133	IDHmut_noncodel
10600	MUC4	3	195484133	LGG_GBM
10601	MUC4	3	195484133	Mesenchymal
10602	MUC4	3	195506356	lung
10603	MUC4	3	195517108	hnsc
10604	MUC4	3	195517201	melanoma
10605	MUC4	3	195517201	melanoma
10606	MUC4	3	195517201	melanoma
10607	MUC4	3	195517486	melanoma
10608	MUC4	3	195518140	melanoma
10609	TNK2	3	195595361	lung
10610	TNK2	3	195595361	lung
10611	TNK2	3	195615447	melanoma
10612	TFRC	3	195798307	melanoma
10613	TFRC	3	195802188	lung

10614	TFRC	3	195802188	lung
10615	SLC51A	3	195960009	melanoma
10616	SLC51A	3	195960009	melanoma
10617	PCYT1A	3	195969477	melanoma
10618	PCYT1A	3	195969477	melanoma
10619	PCYT1A	3	195974350	melanoma
10620	TM4SF19	3	196054406	melanoma
10621	TM4SF19	3	196054406	melanoma
10622	TM4SF19	3	196054407	melanoma
10623	TM4SF19	3	196054407	melanoma
10624	RNF168	3	196229803	Astr
10625	RNF168	3	196229803	GCIMP_high
10626	RNF168	3	196229803	IDHmut
10627	RNF168	3	196229803	IDHmut_noncodel
10628	RNF168	3	196229803	LGG GBM
10629	RNF168	3	196229803	Proneural
10630	SMCO1	3	196236419	melanoma
10631	WDR53	3	196281425	melanoma
10632	NRROS	3	196387017	melanoma
10633	NRROS	3	196387485	melanoma
10634	NRROS	3	196387485	melanoma
10635	NRROS	3	196387485	melanoma
10636	NRROS	3	196387485	melanoma
10637	NRROS	3	196387770	Astr
10638	NRROS	3	196387770	IDHwt
10639	NRROS	3	196387770	LGG GBM
10640	NRROS	3	196387770	Mesenchymal
10641	NRROS	3	196387770	Mesenchymal_like
10642	SENP5	3	196650379	melanoma
10643	SENP5	3	196656518	lung
10644	PIGZ	3	196675037	Gbm
10645	PIGZ	3	196675037	IDHwt
10646	PIGZ	3	196675037	IDHwt_priGBM
10647	PIGZ	3	196675037	LGG GBM
10648	PIGZ	3	196675037	Neural
10649	PIGZ	3	196675211	melanoma
10650	PIGZ	3	196675277	Codel
10651	PIGZ	3	196675277	Codel
10652	PIGZ	3	196675277	IDHmut
10653	PIGZ	3	196675277	IDHmut
10654	PIGZ	3	196675277	IDHmut_noncodel
10655	PIGZ	3	196675277	IDHmut_noncodel
10656	PIGZ	3	196675277	LGG GBM
10657	PIGZ	3	196675277	LGG GBM
10658	PIGZ	3	196675277	OligoAstr
10659	PIGZ	3	196675277	OligoAstr
10660	PIGZ	3	196675277	Proneural
10661	PIGZ	3	196675277	Proneural
10662	MELTF	3	196751245	bladder
10663	DLG1	3	196842893	melanoma
10664	DLG1	3	196857424	melanoma
10665	RUBCN	3	197401999	melanoma
10666	RUBCN	3	197427840	melanoma
10667	RUBCN	3	197427840	melanoma
10668	RUBCN	3	197430492	melanoma
10669	RUBCN	3	197430492	melanoma
10670	FYTTD1	3	197497100	Classic
10671	FYTTD1	3	197497100	Classic_like

10672	FYTTD1	3	197497100	Gbm
10673	FYTTD1	3	197497100	IDHwt
10674	FYTTD1	3	197497100	IDHwt_priGBM
10675	FYTTD1	3	197497100	LGG GBM
10676	LRCH3	3	197574839	melanoma
10677	IQCG	3	197616555	Gbm
10678	IQCG	3	197616555	IDHwt
10679	IQCG	3	197616555	IDHwt_priGBM
10680	IQCG	3	197616555	LGG GBM
10681	IQCG	3	197616555	Mesenchymal_like
10682	IQCG	3	197659048	melanoma
10683	LMLN	3	197702925	melanoma
10684	LMLN	3	197751564	melanoma
10685	ZNF732	4	265913	Gbm
10686	ZNF732	4	265913	IDHwt
10687	ZNF732	4	265913	IDHwt_priGBM
10688	ZNF732	4	265913	LGG GBM
10689	ZNF732	4	265913	Mesenchymal_like
10690	ZNF732	4	266038	melanoma
10691	ZNF732	4	266038	melanoma
10692	ZNF721	4	435773	lung
10693	ZNF721	4	436437	melanoma
10694	PIGG	4	494367	bladder
10695	PIGG	4	494367	bladder
10696	PIGG	4	515539	melanoma
10697	PDE6B	4	629717	melanoma
10698	PDE6B	4	647918	Classic
10699	PDE6B	4	647918	Classic
10700	PDE6B	4	647918	IDHwt
10701	PDE6B	4	647918	IDHwt
10702	PDE6B	4	647918	LGG GBM
10703	PDE6B	4	647918	LGG GBM
10704	PDE6B	4	647918	Mesenchymal_like
10705	PDE6B	4	647918	Mesenchymal_like
10706	PDE6B	4	647918	Oligo
10707	PDE6B	4	647918	Oligo
10708	MYL5	4	672778	Codel
10709	MYL5	4	672778	IDHmut
10710	MYL5	4	672778	IDHmut_codel
10711	MYL5	4	672778	LGG GBM
10712	MFSD7	4	676112	melanoma
10713	MFSD7	4	679985	lung
10714	PCGF3	4	755194	melanoma
10715	PCGF3	4	755194	melanoma
10716	PCGF3	4	755194	melanoma
10717	PCGF3	4	755194	melanoma
10718	GAK	4	845727	melanoma
10719	GAK	4	861074	melanoma
10720	GAK	4	891918	melanoma
10721	TMEM175	4	946159	melanoma
10722	TMEM175	4	949620	melanoma
10723	DGKQ	4	962671	melanoma
10724	SLC26A1	4	985083	melanoma
10725	SLC26A1	4	985083	melanoma
10726	SLC26A1	4	985208	melanoma
10727	FGFRL1	4	1018116	melanoma
10728	FGFRL1	4	1018116	melanoma
10729	RNF212	4	1079738	melanoma

10730	SPON2	4	1161433	lung
10731	MAEA	4	1305818	melanoma
10732	SLBP	4	1701325	bladder
10733	SLBP	4	1701325	bladder
10734	SLBP	4	1701411	melanoma
10735	TACC3	4	1730312	melanoma
10736	FGFR3	4	1803564	bladder
10737	NSD2	4	1920067	melanoma
10738	NSD2	4	1952836	melanoma
10739	NELFA	4	2010497	melanoma
10740	POLN	4	2200434	melanoma
10741	CFAP99	4	2460481	hnscc
10742	CFAP99	4	2460481	hnscc
10743	FAM193A	4	2701864	melanoma
10744	SH3BP2	4	2826384	melanoma
10745	ADD1	4	2886323	melanoma
10746	ADD1	4	2886323	melanoma
10747	ADD1	4	2886323	melanoma
10748	ADD1	4	2930210	melanoma
10749	ADD1	4	2930210	melanoma
10750	MFSD10	4	2933825	Codel
10751	MFSD10	4	2933825	IDHmut
10752	MFSD10	4	2933825	IDHmut_codel
10753	MFSD10	4	2933825	LGG GBM
10754	MFSD10	4	2933825	OligoAstr
10755	GRK4	4	2990529	melanoma
10756	GRK4	4	3040202	melanoma
10757	HTT	4	3174773	melanoma
10758	HTT	4	3174773	melanoma
10759	HTT	4	3201582	melanoma
10760	HTT	4	3221964	melanoma
10761	HTT	4	3224137	bladder
10762	HTT	4	3224137	bladder
10763	HTT	4	3227400	melanoma
10764	HTT	4	3237881	melanoma
10765	MSANTD1	4	3254972	melanoma
10766	MSANTD1	4	3254972	melanoma
10767	RGS12	4	3318022	Astr
10768	RGS12	4	3318022	Astr
10769	RGS12	4	3318022	GCIMP_high
10770	RGS12	4	3318022	GCIMP_high
10771	RGS12	4	3318022	IDHmut
10772	RGS12	4	3318022	IDHmut
10773	RGS12	4	3318022	IDHmut_noncodel
10774	RGS12	4	3318022	IDHmut_noncodel
10775	RGS12	4	3318022	LGG GBM
10776	RGS12	4	3318022	LGG GBM
10777	RGS12	4	3318022	Proneural
10778	RGS12	4	3318022	Proneural
10779	RGS12	4	3319414	bladder
10780	RGS12	4	3424651	melanoma
10781	RGS12	4	3430330	melanoma
10782	RGS12	4	3432638	Gbm
10783	RGS12	4	3432638	IDHwt
10784	RGS12	4	3432638	IDHwt_priGBM
10785	RGS12	4	3432638	LGG GBM
10786	RGS12	4	3432638	Mesenchymal
10787	RGS12	4	3432638	Mesenchymal_like

10788	HGFAC	4	3444855	lung
10789	HGFAC	4	3446641	melanoma
10790	HGFAC	4	3449301	melanoma
10791	DOK7	4	3475222	melanoma
10792	DOK7	4	3475222	melanoma
10793	DOK7	4	3487282	melanoma
10794	DOK7	4	3494957	melanoma
10795	OTOP1	4	4199182	melanoma
10796	LYAR	4	4269707	melanoma
10797	MSX1	4	4864818	melanoma
10798	EVC2	4	5586352	GCIMP_high
10799	EVC2	4	5586352	GCIMP_high
10800	EVC2	4	5586352	IDHmut
10801	EVC2	4	5586352	IDHmut
10802	EVC2	4	5586352	IDHmut_noncodel
10803	EVC2	4	5586352	IDHmut_noncodel
10804	EVC2	4	5586352	LGG GBM
10805	EVC2	4	5586352	LGG GBM
10806	EVC2	4	5586352	Oligo
10807	EVC2	4	5586352	Oligo
10808	EVC2	4	5586352	Proneural
10809	EVC2	4	5586352	Proneural
10810	EVC2	4	5667244	melanoma
10811	EVC2	4	5683012	melanoma
10812	EVC	4	5798826	melanoma
10813	CRMP1	4	5853187	melanoma
10814	CRMP1	4	5853187	melanoma
10815	CRMP1	4	5868434	melanoma
10816	JAKMIP1	4	6107676	bladder
10817	WFS1	4	6302396	melanoma
10818	WFS1	4	6302612	Gbm
10819	WFS1	4	6302612	IDHwt
10820	WFS1	4	6302612	IDHwt_priGBM
10821	WFS1	4	6302612	LGG GBM
10822	WFS1	4	6302612	Mesenchymal
10823	WFS1	4	6302612	Mesenchymal_like
10824	WFS1	4	6302991	melanoma
10825	WFS1	4	6302991	melanoma
10826	WFS1	4	6302994	melanoma
10827	WFS1	4	6302994	melanoma
10828	WFS1	4	6303383	melanoma
10829	WFS1	4	6303383	melanoma
10830	WFS1	4	6303383	melanoma
10831	WFS1	4	6303830	melanoma
10832	WFS1	4	6303830	melanoma
10833	PPP2R2C	4	6383534	melanoma
10834	MAN2B2	4	6578375	Codel
10835	MAN2B2	4	6578375	IDHmut
10836	MAN2B2	4	6578375	IDHmut_codel
10837	MAN2B2	4	6578375	LGG GBM
10838	MAN2B2	4	6578375	Proneural
10839	MAN2B2	4	6598876	Classic_like
10840	MAN2B2	4	6598876	Gbm
10841	MAN2B2	4	6598876	IDHwt
10842	MAN2B2	4	6598876	IDHwt_priGBM
10843	MAN2B2	4	6598876	LGG GBM
10844	MAN2B2	4	6612919	melanoma
10845	MAN2B2	4	6612979	melanoma

10846	MAN2B2	4	6612979	melanoma
10847	KIAA0232	4	6863109	melanoma
10848	KIAA0232	4	6865012	lung
10849	TBC1D14	4	6925193	melanoma
10850	TBC1D14	4	7026765	bladder
10851	SORCS2	4	7398037	melanoma
10852	PSAPL1	4	7435906	melanoma
10853	PSAPL1	4	7436189	melanoma
10854	PSAPL1	4	7436299	melanoma
10855	SORCS2	4	7705083	melanoma
10856	SORCS2	4	7719896	melanoma
10857	SORCS2	4	7728547	melanoma
10858	AFAP1	4	7770662	melanoma
10859	SH3TC1	4	8216290	melanoma
10860	SH3TC1	4	8217957	bladder
10861	SH3TC1	4	8218843	melanoma
10862	SH3TC1	4	8229187	melanoma
10863	SH3TC1	4	8229546	melanoma
10864	SH3TC1	4	8229589	Classic
10865	SH3TC1	4	8229589	Gbm
10866	SH3TC1	4	8229589	IDHwt
10867	SH3TC1	4	8229589	IDHwt_priGBM
10868	SH3TC1	4	8229589	LGG GBM
10869	SH3TC1	4	8229781	melanoma
10870	SH3TC1	4	8230213	Gbm
10871	SH3TC1	4	8230213	IDHwt
10872	SH3TC1	4	8230213	IDHwt_priGBM
10873	SH3TC1	4	8230213	LGG GBM
10874	SH3TC1	4	8230213	Neural
10875	SH3TC1	4	8233729	Classic
10876	SH3TC1	4	8233729	Classic_like
10877	SH3TC1	4	8233729	Gbm
10878	SH3TC1	4	8233729	IDHwt
10879	SH3TC1	4	8233729	IDHwt_priGBM
10880	SH3TC1	4	8233729	LGG GBM
10881	HTRA3	4	8284238	melanoma
10882	ACOX3	4	8372715	lung
10883	ACOX3	4	8383296	melanoma
10884	ACOX3	4	8394174	melanoma
10885	ACOX3	4	8394174	melanoma
10886	ACOX3	4	8394174	melanoma
10887	ACOX3	4	8417530	lung
10888	TRMT44	4	8472846	melanoma
10889	TRMT44	4	8472846	melanoma
10890	GPR78	4	8583134	Astr
10891	GPR78	4	8583134	GCIMP_low
10892	GPR78	4	8583134	IDHmut
10893	GPR78	4	8583134	IDHmut_noncodel
10894	GPR78	4	8583134	LGG GBM
10895	GPR78	4	8583194	lung
10896	CPZ	4	8605772	melanoma
10897	CPZ	4	8605772	melanoma
10898	CPZ	4	8616169	melanoma
10899	DEFB131A	4	9452119	melanoma
10900	DEFB131A	4	9452119	melanoma
10901	DRD5	4	9783925	Astr
10902	DRD5	4	9783925	Astr
10903	DRD5	4	9783925	IDHwt

10904	DRD5	4	9783925	IDHwt
10905	DRD5	4	9783925	LGG GBM
10906	DRD5	4	9783925	LGG GBM
10907	DRD5	4	9783925	Neural
10908	DRD5	4	9783925	Neural
10909	DRD5	4	9783925	PA_like
10910	DRD5	4	9783925	PA_like
10911	DRD5	4	9784011	Gbm
10912	DRD5	4	9784011	IDHwt
10913	DRD5	4	9784011	IDHwt_priGBM
10914	DRD5	4	9784011	LGG GBM
10915	DRD5	4	9784011	Mesenchymal
10916	DRD5	4	9784011	melanoma
10917	DRD5	4	9784083	Classic
10918	DRD5	4	9784083	Gbm
10919	DRD5	4	9784083	IDHwt
10920	DRD5	4	9784083	IDHwt_priGBM
10921	DRD5	4	9784083	LGG GBM
10922	DRD5	4	9784083	Mesenchymal_like
10923	DRD5	4	9784506	Gbm
10924	DRD5	4	9784506	IDHwt
10925	DRD5	4	9784506	IDHwt_priGBM
10926	DRD5	4	9784506	LGG GBM
10927	DRD5	4	9784506	Mesenchymal_like
10928	DRD5	4	9784506	Neural
10929	DRD5	4	9784657	Gbm
10930	DRD5	4	9784657	IDHwt
10931	DRD5	4	9784657	IDHwt_priGBM
10932	DRD5	4	9784657	LGG GBM
10933	DRD5	4	9784657	LGM6_GBM
10934	DRD5	4	9784708	melanoma
10935	ZNF518B	4	10446184	melanoma
10936	ZNF518B	4	10446184	melanoma
10937	ZNF518B	4	10446184	melanoma
10938	ZNF518B	4	10446355	melanoma
10939	HS3ST1	4	11400899	melanoma
10940	HS3ST1	4	11400899	melanoma
10941	HS3ST1	4	11400899	melanoma
10942	HS3ST1	4	11400899	melanoma
10943	HS3ST1	4	11400899	melanoma
10944	HS3ST1	4	11401214	melanoma
10945	HS3ST1	4	11401214	melanoma
10946	HS3ST1	4	11401301	melanoma
10947	BOD1L1	4	13604008	lung
10948	BOD1L1	4	13606326	melanoma
10949	CPEB2	4	15055785	melanoma
10950	CC2D2A	4	15534902	melanoma
10951	CC2D2A	4	15534910	melanoma
10952	CC2D2A	4	15554897	melanoma
10953	FBXL5	4	15626935	Classic
10954	FBXL5	4	15626935	Classic_like
10955	FBXL5	4	15626935	Gbm
10956	FBXL5	4	15626935	IDHwt
10957	FBXL5	4	15626935	IDHwt_priGBM
10958	FBXL5	4	15626935	LGG GBM
10959	FBXL5	4	15632339	Gbm
10960	FBXL5	4	15632339	IDHwt
10961	FBXL5	4	15632339	IDHwt_priGBM

10962	FBXL5	4	15632339	LGG GBM
10963	FBXL5	4	15632339	Mesenchymal
10964	BST1	4	15716963	melanoma
10965	BST1	4	15717403	melanoma
10966	FGFBP1	4	15938192	bladder
10967	FGFBP2	4	15964446	melanoma
10968	PROM1	4	15991422	Astr
10969	PROM1	4	15991422	Classic
10970	PROM1	4	15991422	Classic_like
10971	PROM1	4	15991422	IDHwt
10972	PROM1	4	15991422	LGG GBM
10973	PROM1	4	16024988	lung
10974	PROM1	4	16024988	lung
10975	TAPT1	4	16215492	melanoma
10976	QDPR	4	17510912	melanoma
10977	CLRN2	4	17528596	melanoma
10978	LAP3	4	17606219	melanoma
10979	LAP3	4	17608471	melanoma
10980	FAM184B	4	17710625	melanoma
10981	NCAPG	4	17814669	melanoma
10982	NCAPG	4	17843981	Astr
10983	NCAPG	4	17843981	Classic
10984	NCAPG	4	17843981	IDHwt
10985	NCAPG	4	17843981	LGG GBM
10986	NCAPG	4	17843981	Mesenchymal_like
10987	SLIT2	4	20469385	melanoma
10988	SLIT2	4	20490510	GCIMP_high
10989	SLIT2	4	20490510	IDHmut
10990	SLIT2	4	20490510	IDHmut_noncodel
10991	SLIT2	4	20490510	LGG GBM
10992	SLIT2	4	20490510	Oligo
10993	SLIT2	4	20490510	Proneural
10994	SLIT2	4	20525772	melanoma
10995	SLIT2	4	20530703	melanoma
10996	SLIT2	4	20530703	melanoma
10997	SLIT2	4	20541195	Classic
10998	SLIT2	4	20541195	Classic_like
10999	SLIT2	4	20541195	Gbm
11000	SLIT2	4	20541195	IDHwt
11001	SLIT2	4	20541195	IDHwt_priGBM
11002	SLIT2	4	20541195	LGG GBM
11003	SLIT2	4	20543165	melanoma
11004	SLIT2	4	20547701	Gbm
11005	SLIT2	4	20547701	GCIMP_low
11006	SLIT2	4	20547701	IDHmut
11007	SLIT2	4	20547701	IDHmut_noncodel
11008	SLIT2	4	20547701	LGG GBM
11009	SLIT2	4	20547701	Proneural
11010	SLIT2	4	20552502	melanoma
11011	SLIT2	4	20552502	melanoma
11012	SLIT2	4	20599936	melanoma
11013	PACRGL	4	20715062	GCIMP_high
11014	PACRGL	4	20715062	IDHmut
11015	PACRGL	4	20715062	IDHmut_noncodel
11016	PACRGL	4	20715062	LGG GBM
11017	PACRGL	4	20715062	Neural
11018	PACRGL	4	20715062	OligoAstr
11019	KCNIP4	4	21305517	melanoma

11020	ADGRA3	4	22389753	melanoma
11021	ADGRA3	4	22390158	melanoma
11022	ADGRA3	4	22390382	Codel
11023	ADGRA3	4	22390382	IDHmut
11024	ADGRA3	4	22390382	IDHmut_codel
11025	ADGRA3	4	22390382	LGG GBM
11026	ADGRA3	4	22390382	Oligo
11027	ADGRA3	4	22390382	Proneural
11028	ADGRA3	4	22414939	Gbm
11029	ADGRA3	4	22414939	IDHwt
11030	ADGRA3	4	22414939	IDHwt_priGBM
11031	ADGRA3	4	22414939	LGG GBM
11032	ADGRA3	4	22414939	Mesenchymal
11033	ADGRA3	4	22425818	melanoma
11034	PPARGC1A	4	23797473	melanoma
11035	DHX15	4	24541919	bladder
11036	CCDC149	4	24810303	lung
11037	LGI2	4	25005285	melanoma
11038	LGI2	4	25028530	melanoma
11039	SEPSECS	4	25125782	melanoma
11040	SEPSECS	4	25125782	melanoma
11041	ANAPC4	4	25391780	melanoma
11042	ANAPC4	4	25411369	melanoma
11043	SLC34A2	4	25669513	melanoma
11044	SLC34A2	4	25669513	melanoma
11045	SLC34A2	4	25669513	melanoma
11046	SLC34A2	4	25669513	melanoma
11047	SLC34A2	4	25669513	melanoma
11048	SLC34A2	4	25671271	melanoma
11049	SLC34A2	4	25677919	melanoma
11050	SLC34A2	4	25677919	melanoma
11051	SLC34A2	4	25677919	melanoma
11052	SEL1L3	4	25759221	melanoma
11053	SEL1L3	4	25819892	melanoma
11054	SEL1L3	4	25834663	melanoma
11055	SEL1L3	4	25848927	melanoma
11056	SEL1L3	4	25848927	melanoma
11057	SEL1L3	4	25849272	melanoma
11058	SMIM20	4	25916001	lung
11059	RBPJ	4	26431550	bladder
11060	PCDH7	4	30724057	melanoma
11061	PCDH7	4	30726111	Classic
11062	PCDH7	4	30726111	Classic_like
11063	PCDH7	4	30726111	Gbm
11064	PCDH7	4	30726111	IDHwt
11065	PCDH7	4	30726111	IDHwt_priGBM
11066	PCDH7	4	30726111	LGG GBM
11067	PCDH7	4	30726180	lung
11068	PCDH7	4	30921970	hnsc
11069	ARAP2	4	36149203	lung
11070	ARAP2	4	36149205	melanoma
11071	ARAP2	4	36149205	melanoma
11072	ARAP2	4	36189102	melanoma
11073	ARAP2	4	36189102	melanoma
11074	ARAP2	4	36189177	melanoma
11075	ARAP2	4	36189177	melanoma
11076	ARAP2	4	36212078	melanoma
11077	ARAP2	4	36212180	melanoma

11078	ARAP2	4	36230361	melanoma
11079	ARAP2	4	36230361	melanoma
11080	DTHD1	4	36307961	melanoma
11081	NWD2	4	37447964	IDHwt_priGBM2
11082	PGM2	4	37841531	melanoma
11083	PGM2	4	37851831	melanoma
11084	PGM2	4	37851831	melanoma
11085	PTTG2	4	37962474	melanoma
11086	PTTG2	4	37962474	melanoma
11087	PTTG2	4	37962474	melanoma
11088	PTTG2	4	37962573	melanoma
11089	PTTG2	4	37962573	melanoma
11090	TBC1D1	4	38119792	melanoma
11091	TLR10	4	38776169	Codel
11092	TLR10	4	38776169	Codel
11093	TLR10	4	38776169	Codel
11094	TLR10	4	38776169	Codel
11095	TLR10	4	38776169	IDHmut
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11098	TLR10	4	38776169	IDHmut
11099	TLR10	4	38776169	IDHmut_codel
11100	TLR10	4	38776169	IDHmut_codel
11101	TLR10	4	38776169	IDHmut_codel
11102	TLR10	4	38776169	IDHmut_codel
11103	TLR10	4	38776169	LGG GBM
11104	TLR10	4	38776169	LGG GBM
11105	TLR10	4	38776169	LGG GBM
11106	TLR10	4	38776169	LGG GBM
11107	TLR10	4	38776169	OligoAstr
11108	TLR10	4	38776169	OligoAstr
11109	TLR10	4	38776169	OligoAstr
11110	TLR10	4	38776169	OligoAstr
11111	TLR10	4	38776169	Proneural
11112	TLR10	4	38776169	Proneural
11113	TLR10	4	38776169	Proneural
11114	TLR10	4	38776169	Proneural
11115	TLR10	4	38776173	lung
11116	TLR10	4	38776211	melanoma
11117	TLR10	4	38777038	Classic_like
11118	TLR10	4	38777038	Gbm
11119	TLR10	4	38777038	IDHwt
11120	TLR10	4	38777038	IDHwt_priGBM
11121	TLR10	4	38777038	LGG GBM
11122	TLR1	4	38798172	melanoma
11123	TLR1	4	38798528	melanoma
11124	TLR6	4	38829375	melanoma
11125	TLR6	4	38829894	lung
11126	TMEM156	4	38995367	melanoma
11127	TMEM156	4	38995367	melanoma
11128	TMEM156	4	39033907	melanoma
11129	TMEM156	4	39033907	melanoma
11130	KLHL5	4	39082827	melanoma
11131	KLHL5	4	39116882	Classic
11132	KLHL5	4	39116882	Classic
11133	KLHL5	4	39116882	Gbm
11134	KLHL5	4	39116882	Gbm
11135	KLHL5	4	39116882	IDHwt

11136	KLHL5	4	39116882	IDHwt
11137	KLHL5	4	39116882	IDHwt_priGBM
11138	KLHL5	4	39116882	IDHwt_priGBM
11139	KLHL5	4	39116882	LGG GBM
11140	KLHL5	4	39116882	LGG GBM
11141	WDR19	4	39196180	melanoma
11142	WDR19	4	39196180	melanoma
11143	WDR19	4	39196270	melanoma
11144	WDR19	4	39233560	melanoma
11145	WDR19	4	39233800	melanoma
11146	WDR19	4	39233800	melanoma
11147	RFC1	4	39306546	Classic_like
11148	RFC1	4	39306546	Gbm
11149	RFC1	4	39306546	IDHwt
11150	RFC1	4	39306546	IDHwt_priGBM
11151	RFC1	4	39306546	LGG GBM
11152	RFC1	4	39306546	Mesenchymal
11153	RFC1	4	39314479	melanoma
11154	KLB	4	39408630	melanoma
11155	KLB	4	39408885	melanoma
11156	KLB	4	39436053	melanoma
11157	UGDH	4	39506866	melanoma
11158	UGDH	4	39506982	melanoma
11159	SMIM14	4	39574080	melanoma
11160	SMIM14	4	39574080	melanoma
11161	PDS5A	4	39978113	melanoma
11162	N4BP2	4	40119548	Classic
11163	N4BP2	4	40119548	Classic_like
11164	N4BP2	4	40119548	Classic_like
11165	N4BP2	4	40119548	Gbm
11166	N4BP2	4	40119548	Gbm
11167	N4BP2	4	40119548	IDHwt
11168	N4BP2	4	40119548	IDHwt
11169	N4BP2	4	40119548	IDHwt_priGBM
11170	N4BP2	4	40119548	IDHwt_priGBM
11171	N4BP2	4	40119548	LGG GBM
11172	N4BP2	4	40119548	LGG GBM
11173	N4BP2	4	40122069	melanoma
11174	RHOH	4	40245266	melanoma
11175	RBM47	4	40434871	melanoma
11176	RBM47	4	40434871	melanoma
11177	RBM47	4	40438575	melanoma
11178	RBM47	4	40440351	IDHwt_priGBM2
11179	RBM47	4	40440415	melanoma
11180	RBM47	4	40440415	melanoma
11181	RBM47	4	40440525	Astr
11182	RBM47	4	40440525	Classic
11183	RBM47	4	40440525	Classic_like
11184	RBM47	4	40440525	IDHwt
11185	RBM47	4	40440525	LGG GBM
11186	RBM47	4	40440544	melanoma
11187	NSUN7	4	40776379	melanoma
11188	APBB2	4	40827923	lung
11189	APBB2	4	41035256	melanoma
11190	UCHL1	4	41270065	melanoma
11191	LIMCH1	4	41646620	melanoma
11192	LIMCH1	4	41691581	melanoma
11193	PHOX2B	4	41748254	melanoma

11194	PHOX2B	4	41750464	melanoma
11195	DCAF4L1	4	41984866	melanoma
11196	SLC30A9	4	42065035	melanoma
11197	SLC30A9	4	42065035	melanoma
11198	SLC30A9	4	42065035	melanoma
11199	SLC30A9	4	42065035	melanoma
11200	BEND4	4	42145735	melanoma
11201	BEND4	4	42145735	melanoma
11202	BEND4	4	42145735	melanoma
11203	BEND4	4	42145774	melanoma
11204	ATP8A1	4	42414975	melanoma
11205	ATP8A1	4	42414975	melanoma
11206	ATP8A1	4	42581956	Classic_like
11207	ATP8A1	4	42581956	Classic_like
11208	ATP8A1	4	42581956	IDHwt
11209	ATP8A1	4	42581956	IDHwt
11210	ATP8A1	4	42581956	LGG GBM
11211	ATP8A1	4	42581956	LGG GBM
11212	ATP8A1	4	42602515	melanoma
11213	KCTD8	4	44177246	melanoma
11214	KCTD8	4	44177246	melanoma
11215	YIPF7	4	44626795	melanoma
11216	GNPDA2	4	44713037	melanoma
11217	GABRG1	4	46060239	melanoma
11218	GABRG1	4	46060239	melanoma
11219	GABRG1	4	46125870	lung
11220	GABRA2	4	46263981	melanoma
11221	GABRA2	4	46263981	melanoma
11222	GABRA4	4	46930465	melanoma
11223	GABRA4	4	46967046	melanoma
11224	GABRA4	4	46967126	Gbm
11225	GABRA4	4	46967126	IDHwt
11226	GABRA4	4	46967126	IDHwt_priGBM
11227	GABRA4	4	46967126	LGG GBM
11228	GABRA4	4	46967126	Mesenchymal_like
11229	GABRA4	4	46967126	Neural
11230	GABRA4	4	46995377	Astr
11231	GABRA4	4	46995377	Classic
11232	GABRA4	4	46995377	Classic_like
11233	GABRA4	4	46995377	IDHwt
11234	GABRA4	4	46995377	LGG GBM
11235	GABRB1	4	47427797	melanoma
11236	GABRB1	4	47427797	melanoma
11237	ATP10D	4	47525087	melanoma
11238	ATP10D	4	47538480	melanoma
11239	ATP10D	4	47538480	melanoma
11240	ATP10D	4	47538480	melanoma
11241	ATP10D	4	47548793	melanoma
11242	ATP10D	4	47548800	melanoma
11243	ATP10D	4	47556845	melanoma
11244	ATP10D	4	47559778	melanoma
11245	ATP10D	4	47578901	melanoma
11246	CORIN	4	47625655	melanoma
11247	CORIN	4	47645063	melanoma
11248	CORIN	4	47647181	melanoma
11249	CORIN	4	47765508	melanoma
11250	NFXL1	4	47901052	melanoma
11251	NFXL1	4	47905219	melanoma

11252	CNGA1	4	47938620	melanoma
11253	CNGA1	4	47939609	melanoma
11254	CNGA1	4	47939609	melanoma
11255	NIPAL1	4	48037839	melanoma
11256	TXK	4	48073568	melanoma
11257	TXK	4	48073575	melanoma
11258	TXK	4	48073677	melanoma
11259	TEC	4	48152884	melanoma
11260	TEC	4	48152884	melanoma
11261	FRYL	4	48581120	melanoma
11262	FRYL	4	48581210	bladder
11263	OCIAD1	4	48844691	melanoma
11264	CWH43	4	49030728	melanoma
11265	CWH43	4	49030728	melanoma
11266	LRRC66	4	52860956	melanoma
11267	LRRC66	4	52861113	melanoma
11268	LRRC66	4	52861653	melanoma
11269	LRRC66	4	52861983	GCIMP_high
11270	LRRC66	4	52861983	GCIMP_high
11271	LRRC66	4	52861983	IDHmut
11272	LRRC66	4	52861983	IDHmut
11273	LRRC66	4	52861983	IDHmut_noncodel
11274	LRRC66	4	52861983	IDHmut_noncodel
11275	LRRC66	4	52861983	LGG GBM
11276	LRRC66	4	52861983	LGG GBM
11277	LRRC66	4	52861983	Oligo
11278	LRRC66	4	52861983	Oligo
11279	LRRC66	4	52861983	Proneural
11280	LRRC66	4	52861983	Proneural
11281	LRRC66	4	52869513	Classic
11282	LRRC66	4	52869513	Gbm
11283	LRRC66	4	52869513	IDHwt
11284	LRRC66	4	52869513	IDHwt_priGBM
11285	LRRC66	4	52869513	LGG GBM
11286	LRRC66	4	52869513	Mesenchymal_like
11287	LRRC66	4	52883712	Gbm
11288	LRRC66	4	52883712	IDHwt
11289	LRRC66	4	52883712	IDHwt_priGBM
11290	LRRC66	4	52883712	LGG GBM
11291	LRRC66	4	52883712	LGm6_GBM
11292	LRRC66	4	52883712	Mesenchymal
11293	SPATA18	4	52951089	melanoma
11294	ERVMER34-1	4	53611086	melanoma
11295	SCFD2	4	53786897	melanoma
11296	SCFD2	4	53786897	melanoma
11297	LNX1	4	54327127	Astr
11298	LNX1	4	54327127	Classic
11299	LNX1	4	54327127	Classic_like
11300	LNX1	4	54327127	IDHwt
11301	LNX1	4	54327127	LGG GBM
11302	LNX1	4	54364903	melanoma
11303	LNX1	4	54364953	Astr
11304	LNX1	4	54364953	GCIMP_high
11305	LNX1	4	54364953	IDHmut
11306	LNX1	4	54364953	IDHmut_noncodel
11307	LNX1	4	54364953	LGG GBM
11308	PDGFRA	4	55131142	Gbm
11309	PDGFRA	4	55131142	IDHwt

11310	PDGFRA	4	55131142	IDHwt_priGBM
11311	PDGFRA	4	55131142	LGG GBM
11312	PDGFRA	4	55131142	Mesenchymal
11313	PDGFRA	4	55131143	Astr
11314	PDGFRA	4	55131143	Astr
11315	PDGFRA	4	55131143	GCIMP_low
11316	PDGFRA	4	55131143	GCIMP_low
11317	PDGFRA	4	55131143	IDHmut
11318	PDGFRA	4	55131143	IDHmut
11319	PDGFRA	4	55131143	IDHmut_noncodel
11320	PDGFRA	4	55131143	IDHmut_noncodel
11321	PDGFRA	4	55131143	LGG GBM
11322	PDGFRA	4	55131143	LGG GBM
11323	PDGFRA	4	55131143	Proneural
11324	PDGFRA	4	55131143	Proneural
11325	PDGFRA	4	55133538	bladder
11326	PDGFRA	4	55133901	Gbm
11327	PDGFRA	4	55133901	IDHwt
11328	PDGFRA	4	55133901	IDHwt_priGBM
11329	PDGFRA	4	55133901	LGG GBM
11330	PDGFRA	4	55133901	Mesenchymal
11331	PDGFRA	4	55133901	Mesenchymal_like
11332	PDGFRA	4	55152104	IDHwt_priGBM2
11333	KIT	4	55561758	Gbm
11334	KIT	4	55561758	Gbm
11335	KIT	4	55561758	IDHwt
11336	KIT	4	55561758	IDHwt
11337	KIT	4	55561758	IDHwt_priGBM
11338	KIT	4	55561758	IDHwt_priGBM
11339	KIT	4	55561758	LGG GBM
11340	KIT	4	55561758	LGG GBM
11341	KIT	4	55561758	Mesenchymal
11342	KIT	4	55561758	Mesenchymal
11343	KIT	4	55593619	Astr
11344	KIT	4	55593619	GCIMP_high
11345	KIT	4	55593619	IDHmut
11346	KIT	4	55593619	IDHmut_noncodel
11347	KIT	4	55593619	LGG GBM
11348	KIT	4	55593619	Neural
11349	KDR	4	55955073	melanoma
11350	KDR	4	55955562	melanoma
11351	KDR	4	55955923	melanoma
11352	KDR	4	55961059	Gbm
11353	KDR	4	55961059	IDHwt
11354	KDR	4	55961059	IDHwt_priGBM
11355	KDR	4	55961059	LGG GBM
11356	KDR	4	55961059	Mesenchymal_like
11357	KDR	4	55961059	Proneural
11358	KDR	4	55964405	melanoma
11359	KDR	4	55971070	melanoma
11360	KDR	4	55971070	melanoma
11361	KDR	4	55971070	melanoma
11362	KDR	4	55972013	melanoma
11363	KDR	4	55972913	melanoma
11364	KDR	4	55981113	melanoma
11365	PDCL2	4	56435967	melanoma
11366	EXOC1	4	56726627	melanoma
11367	EXOC1	4	56730399	melanoma

11368	EXOC1	4	56738018	melanoma
11369	CEP135	4	56823452	melanoma
11370	CEP135	4	56823452	melanoma
11371	CEP135	4	56823452	melanoma
11372	CEP135	4	56885628	lung
11373	KIAA1211	4	57193840	lung
11374	KIAA1211	4	57193840	lung
11375	AASDH	4	57250312	melanoma
11376	PPAT	4	57266967	melanoma
11377	ARL9	4	57384864	melanoma
11378	ARL9	4	57384864	melanoma
11379	SPINK2	4	57676337	melanoma
11380	REST	4	57776970	melanoma
11381	NOA1	4	57843073	lung
11382	ADGRL3	4	62363063	melanoma
11383	ADGRL3	4	62363063	melanoma
11384	ADGRL3	4	62599003	melanoma
11385	ADGRL3	4	62897164	melanoma
11386	ADGRL3	4	62897164	melanoma
11387	TECRL	4	65145825	melanoma
11388	TECRL	4	65145833	melanoma
11389	TECRL	4	65145833	melanoma
11390	TECRL	4	65145833	melanoma
11391	TECRL	4	65155447	lung
11392	TECRL	4	65170902	melanoma
11393	TECRL	4	65170902	melanoma
11394	TECRL	4	65170902	melanoma
11395	TECRL	4	65170902	melanoma
11396	TECRL	4	65170938	melanoma
11397	TECRL	4	65175603	melanoma
11398	EPHA5	4	66231707	melanoma
11399	EPHA5	4	66231710	melanoma
11400	EPHA5	4	66231710	melanoma
11401	EPHA5	4	66231710	melanoma
11402	EPHA5	4	66356240	lung
11403	TMPRSS11D	4	68688104	lung
11404	TMPRSS11D	4	68688104	lung
11405	TMPRSS11D	4	68699084	melanoma
11406	TMPRSS11B	4	69101751	melanoma
11407	YTHDC1	4	69180008	melanoma
11408	YTHDC1	4	69202798	melanoma
11409	YTHDC1	4	69202798	melanoma
11410	TMPRSS11E	4	69327650	melanoma
11411	UGT2B17	4	69403498	Gbm
11412	UGT2B17	4	69403498	IDHwt
11413	UGT2B17	4	69403498	IDHwt_priGBM
11414	UGT2B17	4	69403498	LGG GBM
11415	UGT2B17	4	69403498	Mesenchymal_like
11416	UGT2B17	4	69416524	melanoma
11417	UGT2B17	4	69416524	melanoma
11418	UGT2B17	4	69416524	melanoma
11419	UGT2B17	4	69416525	melanoma
11420	UGT2B17	4	69433694	melanoma
11421	UGT2B17	4	69433930	melanoma
11422	UGT2B17	4	69434100	lung
11423	UGT2B17	4	69434100	lung
11424	UGT2B17	4	69434100	lung
11425	UGT2B17	4	69434100	lung

11426	UGT2B15	4	69533868	bladder
11427	UGT2B15	4	69535724	hnscc
11428	UGT2B15	4	69535816	melanoma
11429	UGT2B15	4	69536161	melanoma
11430	UGT2B15	4	69536161	melanoma
11431	UGT2B10	4	69688108	IDHwt
11432	UGT2B10	4	69688108	IDHwt
11433	UGT2B10	4	69688108	LGG GBM
11434	UGT2B10	4	69688108	LGG GBM
11435	UGT2B10	4	69688108	Mesenchymal_like
11436	UGT2B10	4	69688108	Mesenchymal_like
11437	UGT2B10	4	69688108	Oligo
11438	UGT2B10	4	69688108	Oligo
11439	UGT2A3	4	69795715	Classic
11440	UGT2A3	4	69795715	Classic_like
11441	UGT2A3	4	69795715	Gbm
11442	UGT2A3	4	69795715	IDHwt
11443	UGT2A3	4	69795715	IDHwt_priGBM
11444	UGT2A3	4	69795715	LGG GBM
11445	UGT2A3	4	69796271	lung
11446	UGT2A3	4	69796271	lung
11447	UGT2A3	4	69796271	lung
11448	UGT2A3	4	69817162	melanoma
11449	UGT2A3	4	69817294	melanoma
11450	UGT2A3	4	69817294	melanoma
11451	UGT2B7	4	69962420	melanoma
11452	UGT2B7	4	69962420	melanoma
11453	UGT2B7	4	69962642	Gbm
11454	UGT2B7	4	69962642	IDHwt
11455	UGT2B7	4	69962642	IDHwt_priGBM
11456	UGT2B7	4	69962642	LGG GBM
11457	UGT2B7	4	69962642	Mesenchymal
11458	UGT2B7	4	69962806	melanoma
11459	UGT2B7	4	69962806	melanoma
11460	UGT2B7	4	69962806	melanoma
11461	UGT2B7	4	69962806	melanoma
11462	UGT2B7	4	69964318	melanoma
11463	UGT2B7	4	69973931	melanoma
11464	UGT2B11	4	70066208	melanoma
11465	UGT2B11	4	70066246	melanoma
11466	UGT2B11	4	70074111	lung
11467	UGT2B11	4	70079996	Gbm
11468	UGT2B11	4	70079996	IDHwt
11469	UGT2B11	4	70079996	IDHwt_priGBM
11470	UGT2B11	4	70079996	LGG GBM
11471	UGT2B11	4	70079996	Proneural
11472	UGT2B11	4	70080382	melanoma
11473	UGT2B11	4	70080382	melanoma
11474	UGT2B28	4	70146775	melanoma
11475	UGT2B28	4	70146804	Gbm
11476	UGT2B28	4	70146804	GCIMP_high
11477	UGT2B28	4	70146804	IDHmut
11478	UGT2B28	4	70146804	IDHmut_noncodel
11479	UGT2B28	4	70146804	LGG GBM
11480	UGT2B28	4	70152522	melanoma
11481	UGT2B28	4	70152522	melanoma
11482	UGT2B28	4	70156481	Gbm
11483	UGT2B28	4	70156481	Gbm

11484	UGT2B28	4	70156481	IDHwt
11485	UGT2B28	4	70156481	IDHwt
11486	UGT2B28	4	70156481	IDHwt_priGBM
11487	UGT2B28	4	70156481	IDHwt_priGBM
11488	UGT2B28	4	70156481	LGG GBM
11489	UGT2B28	4	70156481	LGG GBM
11490	UGT2B28	4	70156481	Proneural
11491	UGT2B28	4	70156481	Proneural
11492	UGT2B4	4	70346533	Gbm
11493	UGT2B4	4	70346533	IDHwt
11494	UGT2B4	4	70346533	IDHwt_priGBM
11495	UGT2B4	4	70346533	LGG GBM
11496	UGT2B4	4	70346533	Mesenchymal_like
11497	UGT2B4	4	70351008	melanoma
11498	UGT2B4	4	70355215	melanoma
11499	UGT2B4	4	70355215	melanoma
11500	UGT2B4	4	70355278	GCIMP_low
11501	UGT2B4	4	70355278	IDHmut
11502	UGT2B4	4	70355278	IDHmut_noncodel
11503	UGT2B4	4	70355278	LGG GBM
11504	UGT2B4	4	70355278	OligoAstr
11505	UGT2B4	4	70355278	Proneural
11506	UGT2B4	4	70359499	GCIMP_low
11507	UGT2B4	4	70359499	GCIMP_low
11508	UGT2B4	4	70359499	IDHmut
11509	UGT2B4	4	70359499	IDHmut
11510	UGT2B4	4	70359499	IDHmut_noncodel
11511	UGT2B4	4	70359499	IDHmut_noncodel
11512	UGT2B4	4	70359499	LGG GBM
11513	UGT2B4	4	70359499	LGG GBM
11514	UGT2B4	4	70359499	Proneural
11515	UGT2B4	4	70359499	Proneural
11516	UGT2B4	4	70359543	lung
11517	UGT2B4	4	70361096	melanoma
11518	UGT2B4	4	70361251	melanoma
11519	UGT2B4	4	70361279	melanoma
11520	UGT2B4	4	70361318	melanoma
11521	UGT2B4	4	70361521	melanoma
11522	UGT2B4	4	70361563	Gbm
11523	UGT2B4	4	70361563	Gbm
11524	UGT2B4	4	70361563	IDHwt
11525	UGT2B4	4	70361563	IDHwt
11526	UGT2B4	4	70361563	IDHwt_priGBM
11527	UGT2B4	4	70361563	IDHwt_priGBM
11528	UGT2B4	4	70361563	LGG GBM
11529	UGT2B4	4	70361563	LGG GBM
11530	UGT2B4	4	70361563	Mesenchymal
11531	UGT2B4	4	70361563	Mesenchymal
11532	UGT2B4	4	70361563	Mesenchymal_like
11533	UGT2B4	4	70361563	Mesenchymal_like
11534	UGT2A1;UGT2A2	4	70460268	Astr
11535	UGT2A1;UGT2A2	4	70460268	IDHwt
11536	UGT2A1;UGT2A2	4	70460268	LGG GBM
11537	UGT2A1;UGT2A2	4	70460268	Mesenchymal_like
11538	UGT2A1;UGT2A2	4	70462047	melanoma
11539	UGT2A1;UGT2A2	4	70504917	melanoma
11540	UGT2A1	4	70513034	melanoma
11541	UGT2A1	4	70513034	melanoma

11542	UGT2A1	4	70513034	melanoma
11543	UGT2A1	4	70513275	melanoma
11544	UGT2A1	4	70513275	melanoma
11545	UGT2A1	4	70513275	melanoma
11546	SULT1B1	4	70596318	Classic
11547	SULT1B1	4	70596318	Classic
11548	SULT1B1	4	70596318	Gbm
11549	SULT1B1	4	70596318	Gbm
11550	SULT1B1	4	70596318	IDHwt
11551	SULT1B1	4	70596318	IDHwt
11552	SULT1B1	4	70596318	IDHwt_priGBM
11553	SULT1B1	4	70596318	IDHwt_priGBM
11554	SULT1B1	4	70596318	LGG GBM
11555	SULT1B1	4	70596318	LGG GBM
11556	SULT1B1	4	70596318	Mesenchymal_like
11557	SULT1B1	4	70596318	Mesenchymal_like
11558	CSN2	4	70823006	melanoma
11559	CSN2	4	70823315	melanoma
11560	CSN2	4	70823333	melanoma
11561	HTN1	4	70921261	melanoma
11562	PRR27	4	71021774	Classic
11563	PRR27	4	71021774	Gbm
11564	PRR27	4	71021774	IDHwt
11565	PRR27	4	71021774	IDHwt_priGBM
11566	PRR27	4	71021774	LGG GBM
11567	PRR27	4	71021774	Mesenchymal_like
11568	ODAM	4	71062419	Classic
11569	ODAM	4	71062419	Gbm
11570	ODAM	4	71062419	IDHwt
11571	ODAM	4	71062419	IDHwt_priGBM
11572	ODAM	4	71062419	LGG GBM
11573	ODAM	4	71062419	Mesenchymal_like
11574	FDCSP	4	71096961	Astr
11575	FDCSP	4	71096961	Classic
11576	FDCSP	4	71096961	IDHwt
11577	FDCSP	4	71096961	LGG GBM
11578	FDCSP	4	71096961	Mesenchymal_like
11579	FDCSP	4	71099752	melanoma
11580	FDCSP	4	71099752	melanoma
11581	CSN3	4	71115076	melanoma
11582	CSN3	4	71115169	Gbm
11583	CSN3	4	71115169	Gbm
11584	CSN3	4	71115169	IDHwt
11585	CSN3	4	71115169	IDHwt
11586	CSN3	4	71115169	IDHwt_priGBM
11587	CSN3	4	71115169	IDHwt_priGBM
11588	CSN3	4	71115169	LGG GBM
11589	CSN3	4	71115169	LGG GBM
11590	CSN3	4	71115169	Neural
11591	CSN3	4	71115169	Neural
11592	SMR3A	4	71232476	melanoma
11593	OPRPN	4	71265043	melanoma
11594	OPRPN	4	71265043	melanoma
11595	OPRPN	4	71275566	melanoma
11596	OPRPN	4	71275566	melanoma
11597	OPRPN	4	71275566	melanoma
11598	OPRPN	4	71275566	melanoma
11599	OPRPN	4	71275671	melanoma

11600	OPRPN	4	71275671	melanoma
11601	OPRPN	4	71275671	melanoma
11602	MUC7	4	71347309	melanoma
11603	AMBN	4	71459047	melanoma
11604	AMBN	4	71472377	IDHwt_priGBM2
11605	ENAM	4	71507774	Gbm
11606	ENAM	4	71507774	IDHwt
11607	ENAM	4	71507774	IDHwt_priGBM
11608	ENAM	4	71507774	LGG GBM
11609	ENAM	4	71507774	Mesenchymal
11610	ENAM	4	71507774	Mesenchymal_like
11611	ENAM	4	71507810	lung
11612	ENAM	4	71508741	Codel
11613	ENAM	4	71508741	IDHmut
11614	ENAM	4	71508741	IDHmut_codel
11615	ENAM	4	71508741	LGG GBM
11616	ENAM	4	71508741	Neural
11617	ENAM	4	71508741	OligoAstr
11618	RUFY3	4	71630274	melanoma
11619	RUFY3	4	71630274	melanoma
11620	SLC4A4	4	72205146	melanoma
11621	SLC4A4	4	72263327	melanoma
11622	SLC4A4	4	72425879	melanoma
11623	GC	4	72618353	Classic
11624	GC	4	72618353	Classic_like
11625	GC	4	72618353	Gbm
11626	GC	4	72618353	IDHwt
11627	GC	4	72618353	IDHwt_priGBM
11628	GC	4	72618353	LGG GBM
11629	GC	4	72622499	melanoma
11630	NPFFR2	4	73012825	hnscc
11631	NPFFR2	4	73012825	hnscc
11632	NPFFR2	4	73012972	Classic
11633	NPFFR2	4	73012972	Classic
11634	NPFFR2	4	73012972	Classic_like
11635	NPFFR2	4	73012972	Classic_like
11636	NPFFR2	4	73012972	Gbm
11637	NPFFR2	4	73012972	Gbm
11638	NPFFR2	4	73012972	IDHwt
11639	NPFFR2	4	73012972	IDHwt
11640	NPFFR2	4	73012972	IDHwt_priGBM
11641	NPFFR2	4	73012972	IDHwt_priGBM
11642	NPFFR2	4	73012972	LGG GBM
11643	NPFFR2	4	73012972	LGG GBM
11644	ADAMTS3	4	73149358	melanoma
11645	ADAMTS3	4	73149358	melanoma
11646	ADAMTS3	4	73156684	melanoma
11647	ADAMTS3	4	73156744	melanoma
11648	ADAMTS3	4	73171761	melanoma
11649	ANKRD17	4	73986785	melanoma
11650	ALB	4	74275082	melanoma
11651	ALB	4	74275118	melanoma
11652	ALB	4	74277748	melanoma
11653	ALB	4	74277748	melanoma
11654	ALB	4	74277774	melanoma
11655	ALB	4	74283258	melanoma
11656	AFP	4	74302032	melanoma
11657	AFP	4	74302880	melanoma

11658	AFP	4	74302880	melanoma
11659	AFP	4	74302880	melanoma
11660	AFP	4	74310756	hnscc
11661	AFP	4	74316388	GCIMP_high
11662	AFP	4	74316388	IDHmut
11663	AFP	4	74316388	IDHmut_noncodel
11664	AFP	4	74316388	LGG GBM
11665	AFP	4	74316388	Oligo
11666	AFP	4	74316388	Proneural
11667	AFP	4	74318301	IDHwt_priGBM2
11668	AFP	4	74320969	melanoma
11669	AFM	4	74351594	melanoma
11670	AFM	4	74352724	Astr
11671	AFM	4	74352724	IDHwt
11672	AFM	4	74352724	LGG GBM
11673	AFM	4	74352724	Mesenchymal
11674	AFM	4	74352724	Mesenchymal_like
11675	AFM	4	74353475	melanoma
11676	AFM	4	74354393	melanoma
11677	AFM	4	74361060	melanoma
11678	AFM	4	74361060	melanoma
11679	AFM	4	74364874	lung
11680	AFM	4	74364908	melanoma
11681	CXCL6	4	74702481	melanoma
11682	PPBP	4	74853701	Codel
11683	PPBP	4	74853701	IDHmut
11684	PPBP	4	74853701	IDHmut_codel
11685	PPBP	4	74853701	LGG GBM
11686	PPBP	4	74853701	Oligo
11687	PPBP	4	74853701	Proneural
11688	MTHFD2L	4	75147219	melanoma
11689	PARM1	4	75937982	melanoma
11690	PARM1	4	75938013	melanoma
11691	PARM1	4	75938013	melanoma
11692	PARM1	4	75938013	melanoma
11693	PARM1	4	75938127	melanoma
11694	PARM1	4	75938307	melanoma
11695	PARM1	4	75938307	melanoma
11696	PARM1	4	75938307	melanoma
11697	PARM1	4	75959111	melanoma
11698	PARM1	4	75959111	melanoma
11699	CDKL2	4	76530724	melanoma
11700	CDKL2	4	76530724	melanoma
11701	CDKL2	4	76532505	melanoma
11702	PPEF2	4	76804141	melanoma
11703	PPEF2	4	76805904	melanoma
11704	PPEF2	4	76805904	melanoma
11705	PPEF2	4	76805904	melanoma
11706	SDAD1	4	76878741	melanoma
11707	SDAD1	4	76882228	melanoma
11708	SDAD1	4	76882228	melanoma
11709	SDAD1	4	76882426	melanoma
11710	SDAD1	4	76882426	melanoma
11711	ART3	4	77018808	melanoma
11712	SCARB2	4	77116959	melanoma
11713	SCARB2	4	77116959	melanoma
11714	SCARB2	4	77134597	melanoma
11715	CCDC158	4	77244505	IDHwt_priGBM2

11716	CCDC158	4	77247027	melanoma
11717	CCDC158	4	77247027	melanoma
11718	CCDC158	4	77250089	melanoma
11719	CCDC158	4	77283297	melanoma
11720	SHROOM3	4	77660890	melanoma
11721	SHROOM3	4	77677723	bladder
11722	SHROOM3	4	77678003	melanoma
11723	11-Sep	4	77949846	Classic
11724	11-Sep	4	77949846	Gbm
11725	11-Sep	4	77949846	IDHwt
11726	11-Sep	4	77949846	IDHwt_priGBM
11727	11-Sep	4	77949846	LGG GBM
11728	11-Sep	4	77949846	Mesenchymal_like
11729	CCNI	4	77979689	melanoma
11730	CCNG2	4	78079782	melanoma
11731	FRAS1	4	79199881	melanoma
11732	FRAS1	4	79240119	melanoma
11733	FRAS1	4	79254506	melanoma
11734	FRAS1	4	79296998	Codel
11735	FRAS1	4	79296998	Codel
11736	FRAS1	4	79296998	IDHmut
11737	FRAS1	4	79296998	IDHmut
11738	FRAS1	4	79296998	IDHmut_codel
11739	FRAS1	4	79296998	IDHmut_codel
11740	FRAS1	4	79296998	LGG GBM
11741	FRAS1	4	79296998	LGG GBM
11742	FRAS1	4	79296998	Oligo
11743	FRAS1	4	79296998	Oligo
11744	FRAS1	4	79296998	Proneural
11745	FRAS1	4	79296998	Proneural
11746	FRAS1	4	79308533	lung
11747	FRAS1	4	79308533	lung
11748	FRAS1	4	79343100	Gbm
11749	FRAS1	4	79343100	IDHwt
11750	FRAS1	4	79343100	IDHwt_priGBM
11751	FRAS1	4	79343100	LGG GBM
11752	FRAS1	4	79343100	Mesenchymal_like
11753	FRAS1	4	79343100	Proneural
11754	FRAS1	4	79391190	IDHwt_priGBM2
11755	FRAS1	4	79394606	lung
11756	FRAS1	4	79429955	melanoma
11757	FRAS1	4	79432471	Astr
11758	FRAS1	4	79432471	IDHwt
11759	FRAS1	4	79432471	LGG GBM
11760	FRAS1	4	79432471	Mesenchymal
11761	FRAS1	4	79432471	Mesenchymal_like
11762	FRAS1	4	79434607	melanoma
11763	FRAS1	4	79434607	melanoma
11764	GK2	4	80327998	melanoma
11765	GK2	4	80329126	melanoma
11766	PRDM8	4	81121304	melanoma
11767	PRDM8	4	81121392	Codel
11768	PRDM8	4	81121392	IDHmut
11769	PRDM8	4	81121392	IDHmut_codel
11770	PRDM8	4	81121392	LGG GBM
11771	PRDM8	4	81121392	Oligo
11772	PRDM8	4	81121392	Proneural
11773	PRDM8	4	81122620	Codel

11774	PRDM8	4	81122620	IDHmut
11775	PRDM8	4	81122620	IDHmut_codel
11776	PRDM8	4	81122620	LGG GBM
11777	PRDM8	4	81122620	Oligo
11778	FGF5	4	81188256	melanoma
11779	FGF5	4	81188256	melanoma
11780	FGF5	4	81207567	GCIMP_high
11781	FGF5	4	81207567	IDHmut
11782	FGF5	4	81207567	IDHmut_noncodel
11783	FGF5	4	81207567	LGG GBM
11784	FGF5	4	81207567	OligoAstr
11785	FGF5	4	81207567	Proneural
11786	FGF5	4	81207572	melanoma
11787	FGF5	4	81207572	melanoma
11788	C4orf22	4	81504311	melanoma
11789	BMP3	4	81952502	melanoma
11790	BMP3	4	81952502	melanoma
11791	BMP3	4	81967131	Classic_like
11792	BMP3	4	81967131	Gbm
11793	BMP3	4	81967131	IDHwt
11794	BMP3	4	81967131	IDHwt_priGBM
11795	BMP3	4	81967131	LGG GBM
11796	BMP3	4	81967402	Gbm
11797	BMP3	4	81967402	IDHwt
11798	BMP3	4	81967402	IDHwt_priGBM
11799	BMP3	4	81967402	LGG GBM
11800	BMP3	4	81967402	Mesenchymal
11801	BMP3	4	81967402	Mesenchymal_like
11802	PRKG2	4	82092916	melanoma
11803	RASGEF1B	4	82362071	melanoma
11804	RASGEF1B	4	82366727	lung
11805	RASGEF1B	4	82369366	melanoma
11806	RASGEF1B	4	82380533	melanoma
11807	TMEM150C	4	83411229	bladder
11808	TMEM150C	4	83411229	bladder
11809	TMEM150C	4	83417247	melanoma
11810	TMEM150C	4	83417247	melanoma
11811	TMEM150C	4	83417247	melanoma
11812	TMEM150C	4	83417247	melanoma
11813	SCD5	4	83557824	GCIMP_high
11814	SCD5	4	83557824	IDHmut
11815	SCD5	4	83557824	IDHmut_noncodel
11816	SCD5	4	83557824	LGG GBM
11817	SCD5	4	83626449	melanoma
11818	SCD5	4	83626449	melanoma
11819	SCD5	4	83626449	melanoma
11820	THAP9	4	83828988	melanoma
11821	COPS4	4	83971113	melanoma
11822	COPS4	4	83971113	melanoma
11823	HPSE	4	84222141	melanoma
11824	HPSE	4	84223384	Classic
11825	HPSE	4	84223384	Classic
11826	HPSE	4	84223384	Classic_like
11827	HPSE	4	84223384	Classic_like
11828	HPSE	4	84223384	Gbm
11829	HPSE	4	84223384	Gbm
11830	HPSE	4	84223384	IDHwt
11831	HPSE	4	84223384	IDHwt

11832	HPSE	4	84223384	IDHwt_priGBM
11833	HPSE	4	84223384	IDHwt_priGBM
11834	HPSE	4	84223384	LGG GBM
11835	HPSE	4	84223384	LGG GBM
11836	HPSE	4	84243506	melanoma
11837	HPSE	4	84255763	melanoma
11838	HELO	4	84353403	melanoma
11839	HELO	4	84353403	melanoma
11840	HELO	4	84353403	melanoma
11841	GPAT3	4	84457852	bladder
11842	WDFY3	4	85612794	Astr
11843	WDFY3	4	85612794	Astr
11844	WDFY3	4	85612794	IDHwt
11845	WDFY3	4	85612794	IDHwt
11846	WDFY3	4	85612794	LGG GBM
11847	WDFY3	4	85612794	LGG GBM
11848	WDFY3	4	85612794	Mesenchymal_like
11849	WDFY3	4	85612794	Mesenchymal_like
11850	WDFY3	4	85612794	Neural
11851	WDFY3	4	85612794	Neural
11852	WDFY3	4	85612906	Astr
11853	WDFY3	4	85612906	Astr
11854	WDFY3	4	85612906	GCIMP_high
11855	WDFY3	4	85612906	GCIMP_high
11856	WDFY3	4	85612906	IDHmut
11857	WDFY3	4	85612906	IDHmut
11858	WDFY3	4	85612906	IDHmut_noncodel
11859	WDFY3	4	85612906	IDHmut_noncodel
11860	WDFY3	4	85612906	LGG GBM
11861	WDFY3	4	85612906	LGG GBM
11862	WDFY3	4	85674919	bladder
11863	WDFY3	4	85699762	lung
11864	WDFY3	4	85717732	melanoma
11865	WDFY3	4	85719250	Gbm
11866	WDFY3	4	85719250	Gbm
11867	WDFY3	4	85719250	IDHwt
11868	WDFY3	4	85719250	IDHwt
11869	WDFY3	4	85719250	IDHwt_priGBM
11870	WDFY3	4	85719250	IDHwt_priGBM
11871	WDFY3	4	85719250	LGG GBM
11872	WDFY3	4	85719250	LGG GBM
11873	WDFY3	4	85719250	Mesenchymal
11874	WDFY3	4	85719250	Mesenchymal
11875	WDFY3	4	85719250	Mesenchymal_like
11876	WDFY3	4	85719250	Mesenchymal_like
11877	ARHGAP24	4	86898797	melanoma
11878	MAPK10	4	87080523	lung
11879	PTPN13	4	87593560	melanoma
11880	PTPN13	4	87593560	melanoma
11881	PTPN13	4	87593560	melanoma
11882	PTPN13	4	87653616	bladder
11883	PTPN13	4	87662937	melanoma
11884	PTPN13	4	87706444	melanoma
11885	PTPN13	4	87706444	melanoma
11886	PTPN13	4	87726502	bladder
11887	PTPN13	4	87726502	bladder
11888	PTPN13	4	87726502	bladder
11889	PTPN13	4	87730934	melanoma

11890	PTPN13	4	87731016	melanoma
11891	SLC10A6	4	87770048	Astr
11892	SLC10A6	4	87770048	GCIMP_high
11893	SLC10A6	4	87770048	IDHmut
11894	SLC10A6	4	87770048	IDHmut_noncodel
11895	SLC10A6	4	87770048	LGG GBM
11896	SLC10A6	4	87770048	Proneural
11897	SLC10A6	4	87770196	melanoma
11898	SLC10A6	4	87770196	melanoma
11899	SLC10A6	4	87770222	melanoma
11900	HSD17B13	4	88236673	melanoma
11901	HSD17B13	4	88236673	melanoma
11902	SPARCL1	4	88411511	melanoma
11903	SPARCL1	4	88414795	Classic_like
11904	SPARCL1	4	88414795	Gbm
11905	SPARCL1	4	88414795	IDHwt
11906	SPARCL1	4	88414795	IDHwt_priGBM
11907	SPARCL1	4	88414795	LGG GBM
11908	DSPP	4	88533604	melanoma
11909	DSPP	4	88533642	melanoma
11910	DSPP	4	88533642	melanoma
11911	DSPP	4	88533972	melanoma
11912	DSPP	4	88534324	melanoma
11913	DSPP	4	88534329	melanoma
11914	DMP1	4	88583717	melanoma
11915	DMP1	4	88583717	melanoma
11916	SPP1	4	88901213	Classic
11917	SPP1	4	88901213	Classic
11918	SPP1	4	88901213	IDHwt
11919	SPP1	4	88901213	IDHwt
11920	SPP1	4	88901213	LGG GBM
11921	SPP1	4	88901213	LGG GBM
11922	SPP1	4	88901213	Oligo
11923	SPP1	4	88901213	Oligo
11924	SPP1	4	88901213	PA_like
11925	SPP1	4	88901213	PA_like
11926	ABCG2	4	89016756	melanoma
11927	ABCG2	4	89052281	melanoma
11928	HERC6	4	89326729	melanoma
11929	HERC6	4	89326729	melanoma
11930	HERC6	4	89326729	melanoma
11931	HERC6	4	89361339	melanoma
11932	HERC5	4	89383375	bladder
11933	HERC5	4	89383375	bladder
11934	HERC5	4	89393626	melanoma
11935	HERC5	4	89407323	lung
11936	HERC3	4	89583617	melanoma
11937	HERC3	4	89583639	Codel
11938	HERC3	4	89583639	IDHmut
11939	HERC3	4	89583639	IDHmut_codel
11940	HERC3	4	89583639	LGG GBM
11941	HERC3	4	89583639	Oligo
11942	HERC3	4	89583639	Proneural
11943	TIGD2	4	90034993	lung
11944	GPRIN3	4	90169964	GCIMP_high
11945	GPRIN3	4	90169964	IDHmut
11946	GPRIN3	4	90169964	IDHmut_noncodel
11947	GPRIN3	4	90169964	LGG GBM

11948	GPRIN3	4	90169964	OligoAstr
11949	GPRIN3	4	90169964	Proneural
11950	SNCA	4	90743488	Classic_like
11951	SNCA	4	90743488	Classic_like
11952	SNCA	4	90743488	IDHwt
11953	SNCA	4	90743488	IDHwt
11954	SNCA	4	90743488	LGG GBM
11955	SNCA	4	90743488	LGG GBM
11956	SNCA	4	90743488	OligoAstr
11957	SNCA	4	90743488	OligoAstr
11958	SNCA	4	90743488	Proneural
11959	SNCA	4	90743488	Proneural
11960	MMRN1	4	90856147	melanoma
11961	MMRN1	4	90856797	melanoma
11962	MMRN1	4	90857476	melanoma
11963	MMRN1	4	90857880	lung
11964	GRID2	4	94137971	melanoma
11965	GRID2	4	94137971	melanoma
11966	GRID2	4	94159561	melanoma
11967	GRID2	4	94316843	lung
11968	GRID2	4	94316843	lung
11969	GRID2	4	94376937	lung
11970	GRID2	4	94376937	lung
11971	GRID2	4	94411834	melanoma
11972	GRID2	4	94411834	melanoma
11973	SMARCAD1	4	95198288	melanoma
11974	UNC5C	4	96091431	lung
11975	UNC5C	4	96127874	Gbm
11976	UNC5C	4	96127874	IDHwt
11977	UNC5C	4	96127874	IDHwt_priGBM
11978	UNC5C	4	96127874	LGG GBM
11979	UNC5C	4	96127874	Mesenchymal
11980	UNC5C	4	96127874	Mesenchymal_like
11981	UNC5C	4	96163694	IDHwt
11982	UNC5C	4	96163694	LGG GBM
11983	UNC5C	4	96163694	Mesenchymal
11984	UNC5C	4	96163694	Mesenchymal_like
11985	PDHA2	4	96761476	melanoma
11986	PDHA2	4	96761476	melanoma
11987	PDHA2	4	96761518	melanoma
11988	PDHA2	4	96761518	melanoma
11989	PDHA2	4	96761518	melanoma
11990	PDHA2	4	96761624	melanoma
11991	STPG2	4	98480246	melanoma
11992	STPG2	4	98893588	melanoma
11993	STPG2	4	98902357	lung
11994	STPG2	4	98902366	melanoma
11995	STPG2	4	99027141	melanoma
11996	RAP1GDS1	4	99339934	melanoma
11997	TSPAN5	4	99408025	melanoma
11998	TSPAN5	4	99408025	melanoma
11999	ADH6	4	100131403	melanoma
12000	ADH6	4	100140303	melanoma
12001	ADH1A	4	100203550	melanoma
12002	ADH1A	4	100203649	melanoma
12003	ADH1A	4	100205713	melanoma
12004	ADH1A	4	100205713	melanoma
12005	ADH1A	4	100205753	Gbm

12006	ADH1A	4	100205753	IDHwt
12007	ADH1A	4	100205753	IDHwt_priGBM
12008	ADH1A	4	100205753	LGG GBM
12009	ADH1A	4	100205753	Mesenchymal_like
12010	C4orf17	4	100443719	melanoma
12011	C4orf17	4	100463150	melanoma
12012	TRMT10A	4	100474967	melanoma
12013	TRMT10A	4	100474967	melanoma
12014	MTPP	4	100512886	lung
12015	MTPP	4	100518276	melanoma
12016	MTPP	4	100518276	melanoma
12017	MTPP	4	100528047	lung
12018	MTPP	4	100530023	lung
12019	MTPP	4	100530023	lung
12020	DAPP1	4	100738138	melanoma
12021	H2AFZ	4	100870482	melanoma
12022	DDIT4L	4	101109025	lung
12023	EMCN	4	101396252	melanoma
12024	PPP3CA	4	102004389	lung
12025	PPP3CA	4	102004389	lung
12026	PPP3CA	4	102030178	melanoma
12027	BANK1	4	102839221	melanoma
12028	BANK1	4	102839221	melanoma
12029	NFKB1	4	103528849	melanoma
12030	MANBA	4	103553233	melanoma
12031	MANBA	4	103611856	melanoma
12032	CISD2	4	103790311	melanoma
12033	CISD2	4	103790312	melanoma
12034	SLC9B1	4	103822396	melanoma
12035	BDH2	4	104006559	melanoma
12036	BDH2	4	104006590	melanoma
12037	CENPE	4	104116387	melanoma
12038	TACR3	4	104510988	melanoma
12039	TACR3	4	104511014	melanoma
12040	TACR3	4	104511030	Gbm
12041	TACR3	4	104511030	Gbm
12042	TACR3	4	104511030	Gbm
12043	TACR3	4	104511030	IDHwt
12044	TACR3	4	104511030	IDHwt
12045	TACR3	4	104511030	IDHwt
12046	TACR3	4	104511030	IDHwt_priGBM
12047	TACR3	4	104511030	IDHwt_priGBM
12048	TACR3	4	104511030	IDHwt_priGBM
12049	TACR3	4	104511030	LGG GBM
12050	TACR3	4	104511030	LGG GBM
12051	TACR3	4	104511030	LGG GBM
12052	TACR3	4	104511030	Proneural
12053	TACR3	4	104511030	Proneural
12054	TACR3	4	104511030	Proneural
12055	TACR3	4	104579495	melanoma
12056	TET2	4	106156337	melanoma
12057	TET2	4	106156337	melanoma
12058	TET2	4	106158226	melanoma
12059	PPA2	4	106292020	melanoma
12060	PPA2	4	106292020	melanoma
12061	PPA2	4	106367634	melanoma
12062	INTS12	4	106603969	melanoma
12063	INTS12	4	106604096	melanoma

12064	NPNT	4	106863502	melanoma
12065	TBCK	4	106967769	Astr
12066	TBCK	4	106967769	GCIMP_low
12067	TBCK	4	106967769	IDHmut
12068	TBCK	4	106967769	IDHmut_noncodel
12069	TBCK	4	106967769	LGG GBM
12070	TBCK	4	106967769	Proneural
12071	TBCK;TBCK	4	107173139	melanoma
12072	TBCK	4	107229997	Codel
12073	TBCK	4	107229997	IDHmut
12074	TBCK	4	107229997	IDHmut_codel
12075	TBCK	4	107229997	LGG GBM
12076	TBCK	4	107229997	Neural
12077	TBCK	4	107229997	Oligo
12078	AIMP1	4	107249329	melanoma
12079	AIMP1	4	107249329	melanoma
12080	AIMP1	4	107249329	melanoma
12081	DKK2	4	107845263	lung
12082	PAPSS1	4	108552847	melanoma
12083	PAPSS1	4	108565965	melanoma
12084	SGMS2	4	108817124	lung
12085	SGMS2	4	108831548	bladder
12086	CYP2U1	4	108866643	melanoma
12087	CYP2U1	4	108866643	melanoma
12088	OSTC	4	109578769	melanoma
12089	ETNPPL	4	109669170	melanoma
12090	ETNPPL	4	109670414	melanoma
12091	ETNPPL	4	109670414	melanoma
12092	ETNPPL	4	109670414	melanoma
12093	COL25A1	4	109784534	lung
12094	COL25A1	4	110222950	bladder
12095	SEC24B	4	110384518	melanoma
12096	SEC24B	4	110384518	melanoma
12097	CASP6	4	110612044	melanoma
12098	CFI	4	110687755	melanoma
12099	GAR1	4	110739221	GCIMP_high
12100	GAR1	4	110739221	IDHmut
12101	GAR1	4	110739221	IDHmut_noncodel
12102	GAR1	4	110739221	LGG GBM
12103	GAR1	4	110739221	OligoAstr
12104	GAR1	4	110739221	Proneural
12105	RRH	4	110765259	melanoma
12106	LRIT3	4	110773019	melanoma
12107	LRIT3	4	110791074	melanoma
12108	LRIT3	4	110791206	melanoma
12109	LRIT3	4	110791797	melanoma
12110	EGF	4	110865165	melanoma
12111	EGF	4	110920986	melanoma
12112	EGF	4	110920986	melanoma
12113	EGF	4	110920986	melanoma
12114	ELOVL6	4	111026732	melanoma
12115	ENPEP	4	111397773	lung
12116	ENPEP	4	111397925	melanoma
12117	ENPEP	4	111397925	melanoma
12118	ENPEP	4	111397925	melanoma
12119	ENPEP	4	111397958	melanoma
12120	ENPEP	4	111412243	melanoma
12121	ENPEP	4	111412244	melanoma

12122	ENPEP	4	111430927	Gbm
12123	ENPEP	4	111430927	IDHwt
12124	ENPEP	4	111430927	IDHwt_priGBM
12125	ENPEP	4	111430927	LGG GBM
12126	ENPEP	4	111430927	Mesenchymal
12127	ENPEP	4	111430927	Mesenchymal_like
12128	ENPEP	4	111431456	melanoma
12129	ENPEP	4	111431456	melanoma
12130	ENPEP	4	111434662	melanoma
12131	ENPEP	4	111474494	Gbm
12132	ENPEP	4	111474494	IDHwt
12133	ENPEP	4	111474494	IDHwt_priGBM
12134	ENPEP	4	111474494	LGG GBM
12135	ENPEP	4	111474494	Mesenchymal_like
12136	PITX2	4	111539651	melanoma
12137	PITX2	4	111539678	melanoma
12138	ALPK1	4	113333144	lung
12139	ALPK1	4	113351620	Gbm
12140	ALPK1	4	113351620	Gbm
12141	ALPK1	4	113351620	IDHwt
12142	ALPK1	4	113351620	IDHwt
12143	ALPK1	4	113351620	IDHwt_priGBM
12144	ALPK1	4	113351620	IDHwt_priGBM
12145	ALPK1	4	113351620	LGG GBM
12146	ALPK1	4	113351620	LGG GBM
12147	ALPK1	4	113351620	Mesenchymal
12148	ALPK1	4	113351620	Mesenchymal
12149	ZGRF1	4	113475127	Astr
12150	ZGRF1	4	113475127	GCIMP_high
12151	ZGRF1	4	113475127	IDHmut
12152	ZGRF1	4	113475127	IDHmut_noncodel
12153	ZGRF1	4	113475127	LGG GBM
12154	ZGRF1	4	113475127	Proneural
12155	ZGRF1	4	113506789	hnsc
12156	ZGRF1	4	113506789	hnsc
12157	ZGRF1	4	113541180	melanoma
12158	LARP7	4	113567957	melanoma
12159	ANK2	4	114179526	melanoma
12160	ANK2	4	114239773	melanoma
12161	ANK2	4	114239773	melanoma
12162	ANK2	4	114253207	melanoma
12163	ANK2	4	114257100	melanoma
12164	ANK2	4	114276460	melanoma
12165	ANK2	4	114277204	Classic_like
12166	ANK2	4	114277204	Gbm
12167	ANK2	4	114277204	IDHwt
12168	ANK2	4	114277204	IDHwt_priGBM
12169	ANK2	4	114277204	LGG GBM
12170	ANK2	4	114278539	Gbm
12171	ANK2	4	114278539	IDHwt
12172	ANK2	4	114278539	IDHwt_priGBM
12173	ANK2	4	114278539	LGG GBM
12174	ANK2	4	114278539	Mesenchymal
12175	ANK2	4	114278539	Mesenchymal_like
12176	ANK2	4	114279241	melanoma
12177	ANK2	4	114279562	lung
12178	CAMK2D	4	114530341	melanoma
12179	CAMK2D	4	114530341	melanoma

12180	ARSJ	4	114823689	melanoma
12181	UGT8	4	115544230	melanoma
12182	UGT8	4	115544340	melanoma
12183	UGT8	4	115544340	melanoma
12184	UGT8	4	115544743	melanoma
12185	UGT8	4	115597115	melanoma
12186	UGT8	4	115597231	lung
12187	NDST4	4	115749006	melanoma
12188	NDST4	4	115858607	bladder
12189	NDST4	4	115858607	bladder
12190	NDST4	4	115858607	bladder
12191	NDST4	4	115858607	bladder
12192	NDST4	4	115997685	IDHwt_priGBM2
12193	NDST3	4	118975505	Astr
12194	NDST3	4	118975505	Classic
12195	NDST3	4	118975505	Classic like
12196	NDST3	4	118975505	IDHwt
12197	NDST3	4	118975505	LGG GBM
12198	NDST3	4	118975505	melanoma
12199	NDST3	4	118975505	melanoma
12200	NDST3	4	118975654	melanoma
12201	NDST3	4	119064717	melanoma
12202	NDST3	4	119064717	melanoma
12203	NDST3	4	119064717	melanoma
12204	NDST3	4	119163286	melanoma
12205	NDST3	4	119163286	melanoma
12206	NDST3	4	119163286	melanoma
12207	NDST3	4	119163286	melanoma
12208	PRSS12	4	119256724	melanoma
12209	METTL14	4	119610605	bladder
12210	SEC24D	4	119665211	melanoma
12211	SEC24D	4	119736623	Astr
12212	SEC24D	4	119736623	Classic_like
12213	SEC24D	4	119736623	IDHwt
12214	SEC24D	4	119736623	LGG GBM
12215	SEC24D	4	119736623	Neural
12216	SYNPO2	4	119948078	melanoma
12217	SYNPO2	4	119948345	Astr
12218	SYNPO2	4	119948345	GCIMP_low
12219	SYNPO2	4	119948345	IDHmut
12220	SYNPO2	4	119948345	IDHmut_noncodel
12221	SYNPO2	4	119948345	LGG GBM
12222	SYNPO2	4	119948345	Mesenchymal
12223	SYNPO2	4	119951404	melanoma
12224	SYNPO2	4	119951464	melanoma
12225	PDE5A	4	120527977	melanoma
12226	NDNF	4	121958056	melanoma
12227	NDNF	4	121958444	melanoma
12228	QRFPR	4	122301574	lung
12229	ANXA5	4	122590836	melanoma
12230	ANXA5	4	122590836	melanoma
12231	BBS7	4	122756377	GCIMP_high
12232	BBS7	4	122756377	IDHmut
12233	BBS7	4	122756377	IDHmut_noncodel
12234	BBS7	4	122756377	LGG GBM
12235	BBS7	4	122756377	Oligo
12236	BBS7	4	122756377	Proneural
12237	TRPC3	4	122828537	melanoma

12238	TRPC3	4	122828590	melanoma
12239	TRPC3	4	122828590	melanoma
12240	TRPC3	4	122828624	melanoma
12241	TRPC3	4	122831538	melanoma
12242	TRPC3	4	122831538	melanoma
12243	TRPC3	4	122833232	melanoma
12244	TRPC3	4	122853715	Astr
12245	TRPC3	4	122853715	GCIMP_high
12246	TRPC3	4	122853715	IDHmut
12247	TRPC3	4	122853715	IDHmut_noncodel
12248	TRPC3	4	122853715	LGG GBM
12249	TRPC3	4	122853715	Neural
12250	TRPC3	4	122853884	melanoma
12251	KIAA1109	4	123107257	Gbm
12252	KIAA1109	4	123107257	IDHwt
12253	KIAA1109	4	123107257	IDHwt_priGBM
12254	KIAA1109	4	123107257	LGG GBM
12255	KIAA1109	4	123107257	Proneural
12256	KIAA1109	4	123151111	Astr
12257	KIAA1109	4	123151111	IDHwt
12258	KIAA1109	4	123151111	LGG GBM
12259	KIAA1109	4	123151111	Mesenchymal_like
12260	KIAA1109	4	123178507	melanoma
12261	KIAA1109	4	123178596	melanoma
12262	KIAA1109	4	123188029	lung
12263	KIAA1109	4	123188029	lung
12264	KIAA1109	4	123188029	lung
12265	KIAA1109	4	123246404	bladder
12266	KIAA1109	4	123271218	melanoma
12267	KIAA1109	4	123271218	melanoma
12268	ADAD1	4	123301276	melanoma
12269	ADAD1	4	123332429	melanoma
12270	ADAD1	4	123336668	melanoma
12271	ANKRD50	4	125591590	melanoma
12272	ANKRD50	4	125591590	melanoma
12273	ANKRD50	4	125592724	melanoma
12274	ANKRD50	4	125600025	melanoma
12275	FAT4	4	126240544	melanoma
12276	FAT4	4	126241411	melanoma
12277	FAT4	4	126320006	lung
12278	FAT4	4	126336360	melanoma
12279	FAT4	4	126336360	melanoma
12280	FAT4	4	126336888	melanoma
12281	FAT4	4	126367530	melanoma
12282	FAT4	4	126369730	melanoma
12283	FAT4	4	126370128	melanoma
12284	FAT4	4	126370210	melanoma
12285	FAT4	4	126371259	melanoma
12286	FAT4	4	126371308	melanoma
12287	FAT4	4	126371887	melanoma
12288	FAT4	4	126372061	Classic
12289	FAT4	4	126372061	Classic
12290	FAT4	4	126372061	Gbm
12291	FAT4	4	126372061	Gbm
12292	FAT4	4	126372061	IDHwt
12293	FAT4	4	126372061	IDHwt
12294	FAT4	4	126372061	IDHwt_priGBM
12295	FAT4	4	126372061	IDHwt_priGBM

12296	FAT4	4	126372061	LGG GBM
12297	FAT4	4	126372061	LGG GBM
12298	FAT4	4	126372061	Mesenchymal_like
12299	FAT4	4	126372061	Mesenchymal_like
12300	FAT4	4	126372789	lung
12301	FAT4	4	126372789	lung
12302	FAT4	4	126372789	lung
12303	FAT4	4	126373063	melanoma
12304	FAT4	4	126373063	melanoma
12305	FAT4	4	126373545	Codel
12306	FAT4	4	126373545	IDHmut
12307	FAT4	4	126373545	IDHmut_codel
12308	FAT4	4	126373545	LGG GBM
12309	FAT4	4	126373545	Oligo
12310	FAT4	4	126373545	Proneural
12311	FAT4	4	126408600	melanoma
12312	FAT4	4	126408600	melanoma
12313	FAT4	4	126408671	melanoma
12314	FAT4	4	126408671	melanoma
12315	FAT4	4	126411428	melanoma
12316	FAT4	4	126411428	melanoma
12317	FAT4	4	126411965	melanoma
12318	FAT4	4	126411965	melanoma
12319	FAT4	4	126412264	lung
12320	INTU	4	128626917	bladder
12321	INTU	4	128632081	melanoma
12322	INTU	4	128632081	melanoma
12323	SLC25A31	4	128694625	melanoma
12324	HSPA4L	4	128722979	melanoma
12325	HSPA4L	4	128722979	melanoma
12326	PLK4	4	128807480	melanoma
12327	PLK4	4	128807753	melanoma
12328	MFSD8	4	128863229	melanoma
12329	MFSD8	4	128863229	melanoma
12330	MFSD8	4	128865095	melanoma
12331	JADE1	4	129767615	melanoma
12332	SCLT1	4	129812267	melanoma
12333	SCLT1	4	129812267	melanoma
12334	PCDH10	4	134072416	lung
12335	PCDH10	4	134075505	melanoma
12336	PCDH10	4	134084209	Classic
12337	PCDH10	4	134084209	Classic_like
12338	PCDH10	4	134084209	Gbm
12339	PCDH10	4	134084209	IDHwt
12340	PCDH10	4	134084209	IDHwt_priGBM
12341	PCDH10	4	134084209	LGG GBM
12342	PABPC4L	4	135122001	lung
12343	PCDH18	4	138442689	bladder
12344	PCDH18	4	138442737	melanoma
12345	PCDH18	4	138442737	melanoma
12346	PCDH18	4	138442804	Gbm
12347	PCDH18	4	138442804	GCIMP_low
12348	PCDH18	4	138442804	IDHmut
12349	PCDH18	4	138442804	IDHmut_noncodel
12350	PCDH18	4	138442804	LGG GBM
12351	PCDH18	4	138449656	melanoma
12352	PCDH18	4	138451615	melanoma
12353	PCDH18	4	138453061	melanoma

12354	NAA15	4	140262126	melanoma
12355	NAA15	4	140262126	melanoma
12356	NAA15	4	140299994	melanoma
12357	NAA15	4	140299994	melanoma
12358	NAA15	4	140309146	melanoma
12359	MAML3	4	140640827	melanoma
12360	MAML3	4	140810959	melanoma
12361	MAML3	4	140811995	melanoma
12362	ELMOD2	4	141448626	melanoma
12363	UCP1	4	141488978	IDHwt_priGBM2
12364	TBC1D9	4	141580777	Gbm
12365	TBC1D9	4	141580777	IDHwt
12366	TBC1D9	4	141580777	IDHwt_priGBM
12367	TBC1D9	4	141580777	LGG GBM
12368	TBC1D9	4	141580777	Mesenchymal
12369	IL15	4	142651060	bladder
12370	INPP4B	4	143159039	melanoma
12371	INPP4B	4	143350347	melanoma
12372	USP38	4	144119054	melanoma
12373	USP38	4	144119054	melanoma
12374	USP38	4	144134769	melanoma
12375	USP38	4	144135081	melanoma
12376	FREM3	4	144617847	IDHwt_priGBM2
12377	FREM3	4	144621006	lung
12378	GYPB	4	144920579	melanoma
12379	GYPB	4	144920579	melanoma
12380	GYPB	4	144922358	lung
12381	OTUD4	4	146059390	melanoma
12382	OTUD4	4	146059390	melanoma
12383	OTUD4	4	146067447	melanoma
12384	SMAD1	4	146435947	Classic
12385	SMAD1	4	146435947	Classic_like
12386	SMAD1	4	146435947	IDHwt
12387	SMAD1	4	146435947	LGG GBM
12388	SMAD1	4	146435947	Oligo
12389	SMAD1	4	146475089	melanoma
12390	C4orf51	4	146650345	melanoma
12391	ZNF827	4	146813549	melanoma
12392	ZNF827	4	146824029	melanoma
12393	ZNF827	4	146824029	melanoma
12394	ZNF827	4	146824029	melanoma
12395	SLC10A7	4	147214126	melanoma
12396	SLC10A7	4	147431123	GCIMP_high
12397	SLC10A7	4	147431123	IDHmut
12398	SLC10A7	4	147431123	IDHmut_noncodel
12399	SLC10A7	4	147431123	LGG GBM
12400	TTC29	4	147741396	melanoma
12401	TTC29	4	147858756	melanoma
12402	TTC29	4	147858756	melanoma
12403	TTC29	4	147858756	melanoma
12404	EDNRA	4	148441036	melanoma
12405	EDNRA	4	148453722	melanoma
12406	ARHGAP10	4	148830889	melanoma
12407	ARHGAP10	4	148968139	melanoma
12408	ARHGAP10	4	148968139	melanoma
12409	NR3C2	4	149356359	melanoma
12410	NR3C2	4	149356967	bladder
12411	NR3C2	4	149356967	bladder

12412	NR3C2	4	149357163	melanoma
12413	LRBA	4	151271293	Codel
12414	LRBA	4	151271293	Codel
12415	LRBA	4	151271293	Codel
12416	LRBA	4	151271293	IDHmut
12417	LRBA	4	151271293	IDHmut
12418	LRBA	4	151271293	IDHmut
12419	LRBA	4	151271293	IDHmut_codel
12420	LRBA	4	151271293	IDHmut_codel
12421	LRBA	4	151271293	IDHmut_codel
12422	LRBA	4	151271293	LGG GBM
12423	LRBA	4	151271293	LGG GBM
12424	LRBA	4	151271293	LGG GBM
12425	LRBA	4	151271293	Oligo
12426	LRBA	4	151271293	Oligo
12427	LRBA	4	151271293	Oligo
12428	LRBA	4	151271293	Proneural
12429	LRBA	4	151271293	Proneural
12430	LRBA	4	151271293	Proneural
12431	LRBA	4	151511975	melanoma
12432	LRBA	4	151511975	melanoma
12433	LRBA	4	151511975	melanoma
12434	LRBA	4	151773057	melanoma
12435	LRBA	4	151814231	melanoma
12436	LRBA	4	151814231	melanoma
12437	LRBA	4	151818937	melanoma
12438	LRBA	4	151818937	melanoma
12439	LRBA	4	151829961	melanoma
12440	LRBA	4	151829999	Astr
12441	LRBA	4	151829999	IDHwt
12442	LRBA	4	151829999	LGG GBM
12443	LRBA	4	151829999	Neural
12444	LRBA	4	151829999	PA_like
12445	LRBA	4	151850067	Astr
12446	LRBA	4	151850067	IDHwt
12447	LRBA	4	151850067	LGG GBM
12448	LRBA	4	151850067	Neural
12449	LRBA	4	151850067	PA_like
12450	PRSS48	4	152201013	Classic
12451	PRSS48	4	152201013	Classic
12452	PRSS48	4	152201013	Gbm
12453	PRSS48	4	152201013	Gbm
12454	PRSS48	4	152201013	IDHwt
12455	PRSS48	4	152201013	IDHwt
12456	PRSS48	4	152201013	IDHwt_priGBM
12457	PRSS48	4	152201013	IDHwt_priGBM
12458	PRSS48	4	152201013	LGG GBM
12459	PRSS48	4	152201013	LGG GBM
12460	FAM160A1	4	152510049	melanoma
12461	FAM160A1	4	152571048	melanoma
12462	GATB	4	152622644	melanoma
12463	GATB	4	152682028	melanoma
12464	FBXW7	4	153244092	Astr
12465	FBXW7	4	153244092	IDHwt
12466	FBXW7	4	153244092	LGG GBM
12467	FBXW7	4	153244092	PA_like
12468	FBXW7	4	153244137	Astr
12469	FBXW7	4	153244137	GCIMP_high

12470	FBXW7	4	153244137	IDHmut
12471	FBXW7	4	153244137	IDHmut_noncodel
12472	FBXW7	4	153244137	LGG GBM
12473	FBXW7	4	153245429	melanoma
12474	TIGD4	4	153691936	melanoma
12475	TIGD4	4	153691937	melanoma
12476	FHDC1	4	153881921	melanoma
12477	FHDC1	4	153896364	melanoma
12478	FHDC1	4	153897601	melanoma
12479	TRIM2	4	154215533	melanoma
12480	TRIM2	4	154215581	Classic_like
12481	TRIM2	4	154215581	Classic_like
12482	TRIM2	4	154215581	Gbm
12483	TRIM2	4	154215581	Gbm
12484	TRIM2	4	154215581	IDHwt
12485	TRIM2	4	154215581	IDHwt
12486	TRIM2	4	154215581	IDHwt_priGBM
12487	TRIM2	4	154215581	IDHwt_priGBM
12488	TRIM2	4	154215581	LGG GBM
12489	TRIM2	4	154215581	LGG GBM
12490	TRIM2	4	154215581	Mesenchymal
12491	TRIM2	4	154215581	Mesenchymal
12492	TMEM131L	4	154523827	melanoma
12493	TMEM131L	4	154557472	lung
12494	TLR2	4	154624117	melanoma
12495	TLR2	4	154624362	lung
12496	TLR2	4	154624805	melanoma
12497	TLR2	4	154626296	melanoma
12498	TLR2	4	154626296	melanoma
12499	SFRP2	4	154702692	melanoma
12500	DCHS2	4	155157211	melanoma
12501	DCHS2	4	155157384	lung
12502	DCHS2	4	155219254	melanoma
12503	DCHS2	4	155219341	melanoma
12504	DCHS2	4	155219800	Classic
12505	DCHS2	4	155219800	Gbm
12506	DCHS2	4	155219800	IDHwt
12507	DCHS2	4	155219800	IDHwt_priGBM
12508	DCHS2	4	155219800	LGG GBM
12509	DCHS2	4	155219800	Mesenchymal_like
12510	DCHS2	4	155252747	Gbm
12511	DCHS2	4	155252747	IDHwt
12512	DCHS2	4	155252747	IDHwt_priGBM
12513	DCHS2	4	155252747	LGG GBM
12514	DCHS2	4	155252747	Mesenchymal
12515	DCHS2	4	155252747	Mesenchymal_like
12516	DCHS2	4	155254316	IDHwt
12517	DCHS2	4	155254316	IDHwt
12518	DCHS2	4	155254316	LGG GBM
12519	DCHS2	4	155254316	LGG GBM
12520	DCHS2	4	155254316	Mesenchymal_like
12521	DCHS2	4	155254316	Mesenchymal_like
12522	DCHS2	4	155254316	Oligo
12523	DCHS2	4	155254316	Oligo
12524	DCHS2	4	155287589	melanoma
12525	PLRG1	4	155459153	melanoma
12526	PLRG1	4	155467062	melanoma
12527	FGB	4	155490713	melanoma

12528	FGB	4	155490713	melanoma
12529	FGB	4	155490836	melanoma
12530	FGB	4	155490927	Astr
12531	FGB	4	155490927	Astr
12532	FGB	4	155490927	IDHwt
12533	FGB	4	155490927	IDHwt
12534	FGB	4	155490927	LGG GBM
12535	FGB	4	155490927	LGG GBM
12536	FGB	4	155490927	Neural
12537	FGB	4	155490927	Neural
12538	FGB	4	155490927	PA_like
12539	FGB	4	155490927	PA_like
12540	FGA	4	155508053	Gbm
12541	FGA	4	155508053	IDHwt
12542	FGA	4	155508053	IDHwt_priGBM
12543	FGA	4	155508053	LGG GBM
12544	FGA	4	155508053	Mesenchymal_like
12545	FGA	4	155509956	melanoma
12546	FGA	4	155509956	melanoma
12547	LRAT	4	155670263	melanoma
12548	RBM46	4	155719194	melanoma
12549	RBM46	4	155720683	melanoma
12550	RBM46	4	155720683	melanoma
12551	RBM46	4	155749136	melanoma
12552	NPY2R	4	156135804	melanoma
12553	NPY2R	4	156135804	melanoma
12554	NPY2R	4	156135804	melanoma
12555	MAP9	4	156274449	melanoma
12556	GUCY1A3	4	156618072	melanoma
12557	GUCY1A3	4	156631952	melanoma
12558	GUCY1A3	4	156631952	melanoma
12559	GUCY1A3	4	156632156	melanoma
12560	GUCY1B3	4	156698739	melanoma
12561	GUCY1B3	4	156698739	melanoma
12562	GUCY1B3	4	156721165	melanoma
12563	GUCY1B3	4	156721165	melanoma
12564	GUCY1B3	4	156721165	melanoma
12565	TDO2	4	156835545	melanoma
12566	CTSO	4	156864334	melanoma
12567	CTSO	4	156864377	melanoma
12568	CTSO	4	156864377	melanoma
12569	PDGFC	4	157689055	melanoma
12570	PDGFC	4	157771503	Astr
12571	PDGFC	4	157771503	Codel
12572	PDGFC	4	157771503	IDHmut
12573	PDGFC	4	157771503	IDHmut_codel
12574	PDGFC	4	157771503	LGG GBM
12575	PDGFC	4	157771503	Proneural
12576	GLRB	4	157999217	melanoma
12577	GLRB	4	157999217	melanoma
12578	GLRB	4	157999217	melanoma
12579	GLRB	4	158041740	melanoma
12580	GLRB	4	158041740	melanoma
12581	GLRB	4	158057684	melanoma
12582	GLRB	4	158091806	lung
12583	GLRB	4	158091830	melanoma
12584	GRIA2	4	158224883	melanoma
12585	GRIA2	4	158281289	melanoma

12586	GRIA2	4	158281289	melanoma
12587	GRIA2	4	158284002	melanoma
12588	RXFP1	4	159514616	melanoma
12589	RXFP1	4	159514616	melanoma
12590	RXFP1	4	159514616	melanoma
12591	RXFP1	4	159526275	melanoma
12592	RXFP1	4	159526278	melanoma
12593	RXFP1	4	159554565	melanoma
12594	FNIP2	4	159750331	melanoma
12595	FNIP2	4	159772527	melanoma
12596	FNIP2	4	159772527	melanoma
12597	RAPGEF2	4	160267997	melanoma
12598	RAPGEF2	4	160268093	lung
12599	FSTL5	4	162306997	melanoma
12600	FSTL5	4	162307585	melanoma
12601	FSTL5	4	162376199	melanoma
12602	FSTL5	4	162463758	melanoma
12603	FSTL5	4	162463758	melanoma
12604	FSTL5	4	162841694	melanoma
12605	FSTL5	4	162841783	lung
12606	NAF1	4	164050060	melanoma
12607	NPY1R	4	164246627	Codel
12608	NPY1R	4	164246627	IDHmut
12609	NPY1R	4	164246627	IDHmut_codel
12610	NPY1R	4	164246627	LGG GBM
12611	NPY1R	4	164246627	Oligo
12612	NPY1R	4	164246627	Proneural
12613	NPY1R	4	164247337	lung
12614	NPY1R	4	164247673	melanoma
12615	NPY1R	4	164247687	melanoma
12616	NPY5R	4	164271626	melanoma
12617	NPY5R	4	164271846	melanoma
12618	NPY5R	4	164271846	melanoma
12619	NPY5R	4	164271851	melanoma
12620	NPY5R	4	164272555	hnsc
12621	TKTL2	4	164393098	melanoma
12622	TKTL2	4	164393484	melanoma
12623	TKTL2	4	164393484	melanoma
12624	TKTL2	4	164393952	melanoma
12625	TKTL2	4	164394322	melanoma
12626	TRIM60	4	165961258	melanoma
12627	KLHL2	4	166220773	melanoma
12628	CPE	4	166385673	melanoma
12629	CPE	4	166385673	melanoma
12630	TLL1	4	166795076	melanoma
12631	TLL1	4	166795076	melanoma
12632	TLL1	4	166914031	lung
12633	TLL1	4	166915607	melanoma
12634	TLL1	4	166915613	melanoma
12635	TLL1	4	166964485	Gbm
12636	TLL1	4	166964485	Gbm
12637	TLL1	4	166964485	IDHwt
12638	TLL1	4	166964485	IDHwt
12639	TLL1	4	166964485	IDHwt_priGBM
12640	TLL1	4	166964485	IDHwt_priGBM
12641	TLL1	4	166964485	LGG GBM
12642	TLL1	4	166964485	LGG GBM
12643	TLL1	4	166964485	Mesenchymal_like

12644	TLL1	4	166964485	Mesenchymal_like
12645	TLL1	4	166981285	melanoma
12646	TLL1	4	166999147	melanoma
12647	TLL1	4	166999163	melanoma
12648	TLL1	4	167020593	melanoma
12649	SPOCK3	4	167833778	melanoma
12650	DDX60	4	169145434	Astr
12651	DDX60	4	169145434	Astr
12652	DDX60	4	169145434	GCIMP_high
12653	DDX60	4	169145434	GCIMP_high
12654	DDX60	4	169145434	IDHmut
12655	DDX60	4	169145434	IDHmut
12656	DDX60	4	169145434	IDHmut_noncodel
12657	DDX60	4	169145434	IDHmut_noncodel
12658	DDX60	4	169145434	LGG GBM
12659	DDX60	4	169145434	LGG GBM
12660	DDX60	4	169188834	melanoma
12661	DDX60	4	169201578	melanoma
12662	DDX60	4	169205994	lung
12663	DDX60	4	169227808	melanoma
12664	DDX60L	4	169317181	melanoma
12665	DDX60L	4	169317181	melanoma
12666	DDX60L	4	169337843	bladder
12667	DDX60L	4	169344916	melanoma
12668	DDX60L	4	169354227	melanoma
12669	DDX60L	4	169354227	melanoma
12670	DDX60L	4	169362499	melanoma
12671	PALLD	4	169604219	melanoma
12672	PALLD	4	169632806	melanoma
12673	PALLD	4	169632806	melanoma
12674	SH3RF1	4	170038929	melanoma
12675	AADAT	4	170994348	melanoma
12676	AADAT	4	170994369	melanoma
12677	GALNTL6	4	173730652	melanoma
12678	GALNTL6	4	173873254	melanoma
12679	GALNTL6	4	173873356	melanoma
12680	GALNT7	4	174242777	lung
12681	FBXO8	4	175160253	melanoma
12682	FBXO8	4	175160262	melanoma
12683	FBXO8	4	175184128	melanoma
12684	FBXO8	4	175184128	melanoma
12685	CEP44	4	175237395	melanoma
12686	CEP44	4	175237395	melanoma
12687	HPGD	4	175429880	melanoma
12688	GLRA3	4	175598335	melanoma
12689	GLRA3	4	175598335	Gbm
12690	GLRA3	4	175598335	IDHwt
12691	GLRA3	4	175598335	IDHwt_priGBM
12692	GLRA3	4	175598335	LGG GBM
12693	GLRA3	4	175598335	Mesenchymal
12694	GLRA3	4	175598335	melanoma
12695	GLRA3	4	175598335	melanoma
12696	GLRA3	4	175649758	Classic
12697	GLRA3	4	175649758	Classic
12698	GLRA3	4	175649758	Classic_like
12699	GLRA3	4	175649758	Classic_like
12700	GLRA3	4	175649758	Gbm
12701	GLRA3	4	175649758	Gbm

12702	GLRA3	4	175649758	IDHwt
12703	GLRA3	4	175649758	IDHwt
12704	GLRA3	4	175649758	IDHwt_priGBM
12705	GLRA3	4	175649758	IDHwt_priGBM
12706	GLRA3	4	175649758	LGG GBM
12707	GLRA3	4	175649758	LGG GBM
12708	ADAM29	4	175896758	melanoma
12709	ADAM29	4	175896758	melanoma
12710	ADAM29	4	175897049	melanoma
12711	ADAM29	4	175897079	melanoma
12712	ADAM29	4	175897289	Gbm
12713	ADAM29	4	175897289	IDHwt
12714	ADAM29	4	175897289	IDHwt_priGBM
12715	ADAM29	4	175897289	LGG GBM
12716	ADAM29	4	175897289	Mesenchymal
12717	ADAM29	4	175897289	Mesenchymal_like
12718	ADAM29	4	175898498	melanoma
12719	ADAM29	4	175898852	melanoma
12720	ADAM29	4	175898916	melanoma
12721	GPM6A	4	176561915	hnsc
12722	GPM6A	4	176573066	bladder
12723	GPM6A	4	176594942	Classic_like
12724	GPM6A	4	176594942	Classic_like
12725	GPM6A	4	176594942	Gbm
12726	GPM6A	4	176594942	Gbm
12727	GPM6A	4	176594942	IDHwt
12728	GPM6A	4	176594942	IDHwt
12729	GPM6A	4	176594942	IDHwt_priGBM
12730	GPM6A	4	176594942	IDHwt_priGBM
12731	GPM6A	4	176594942	LGG GBM
12732	GPM6A	4	176594942	LGG GBM
12733	GPM6A	4	176594942	Neural
12734	GPM6A	4	176594942	Neural
12735	GPM6A	4	176622870	melanoma
12736	WDR17	4	177061085	melanoma
12737	WDR17	4	177100655	hnsc
12738	SPATA4	4	177105980	melanoma
12739	SPATA4	4	177113947	Astr
12740	SPATA4	4	177113947	IDHwt
12741	SPATA4	4	177113947	LGG GBM
12742	SPATA4	4	177113947	PA_like
12743	SPATA4	4	177116534	lung
12744	ASB5	4	177142621	Codel
12745	ASB5	4	177142621	IDHmut
12746	ASB5	4	177142621	IDHmut_codel
12747	ASB5	4	177142621	LGG GBM
12748	ASB5	4	177142621	Neural
12749	ASB5	4	177142621	Oligo
12750	ASB5	4	177190112	melanoma
12751	VEGFC	4	177608440	melanoma
12752	VEGFC	4	177609049	lung
12753	VEGFC	4	177609049	lung
12754	VEGFC	4	177648943	melanoma
12755	VEGFC	4	177650867	Classic
12756	VEGFC	4	177650867	Classic_like
12757	VEGFC	4	177650867	Gbm
12758	VEGFC	4	177650867	IDHwt
12759	VEGFC	4	177650867	IDHwt_priGBM

12760	VEGFC	4	177650867	LGG GBM
12761	NEIL3	4	178281689	Classic_like
12762	NEIL3	4	178281689	Gbm
12763	NEIL3	4	178281689	IDHwt
12764	NEIL3	4	178281689	IDHwt_priGBM
12765	NEIL3	4	178281689	LGG GBM
12766	TENM3	4	183245371	IDHwt_priGBM2
12767	TENM3	4	183267914	melanoma
12768	TENM3	4	183549836	bladder
12769	TENM3	4	183549836	bladder
12770	TENM3	4	183594242	melanoma
12771	TENM3	4	183594349	melanoma
12772	TENM3	4	183651394	melanoma
12773	TENM3	4	183651424	melanoma
12774	TENM3	4	183658141	melanoma
12775	TENM3	4	183658141	melanoma
12776	TENM3	4	183664419	melanoma
12777	TENM3	4	183664419	melanoma
12778	TENM3	4	183673041	melanoma
12779	TENM3	4	183675947	melanoma
12780	TENM3	4	183676136	melanoma
12781	TENM3	4	183676136	melanoma
12782	TENM3	4	183710345	melanoma
12783	TENM3	4	183714528	Gbm
12784	TENM3	4	183714528	IDHwt
12785	TENM3	4	183714528	IDHwt_priGBM
12786	TENM3	4	183714528	LGG GBM
12787	TENM3	4	183714528	Mesenchymal_like
12788	TENM3	4	183721296	melanoma
12789	WWC2	4	184236822	melanoma
12790	CLDN22	4	184240884	melanoma
12791	CLDN22	4	184240884	melanoma
12792	CDKN2AIP	4	184368327	melanoma
12793	TRAPPC11	4	184615120	melanoma
12794	TRAPPC11	4	184615800	bladder
12795	TRAPPC11	4	184628079	GCIMP_high
12796	TRAPPC11	4	184628079	IDHmut
12797	TRAPPC11	4	184628079	IDHmut_noncodel
12798	TRAPPC11	4	184628079	LGG GBM
12799	TRAPPC11	4	184628079	Neural
12800	TRAPPC11	4	184628079	Oligo
12801	STOX2	4	184930434	melanoma
12802	STOX2	4	184930434	melanoma
12803	IRF2	4	185310126	melanoma
12804	CASP3	4	185550581	melanoma
12805	CASP3	4	185552202	melanoma
12806	PRIMPOL	4	185593552	melanoma
12807	PRIMPOL	4	185593552	melanoma
12808	PRIMPOL	4	185593552	melanoma
12809	PRIMPOL	4	185593552	melanoma
12810	PRIMPOL	4	185593552	melanoma
12811	ACSL1	4	185697760	melanoma
12812	SNX25	4	186231841	Codel
12813	SNX25	4	186231841	IDHmut
12814	SNX25	4	186231841	IDHmut_codel
12815	SNX25	4	186231841	LGG GBM
12816	SNX25	4	186231841	Oligo
12817	SNX25	4	186231841	Proneural

12818	PDLIM3	4	186444566	GCIMP_high
12819	PDLIM3	4	186444566	GCIMP_high
12820	PDLIM3	4	186444566	IDHmut
12821	PDLIM3	4	186444566	IDHmut
12822	PDLIM3	4	186444566	IDHmut_noncodel
12823	PDLIM3	4	186444566	IDHmut_noncodel
12824	PDLIM3	4	186444566	LGG GBM
12825	PDLIM3	4	186444566	LGG GBM
12826	PDLIM3	4	186444566	OligoAstr
12827	PDLIM3	4	186444566	OligoAstr
12828	PDLIM3	4	186444566	Proneural
12829	PDLIM3	4	186444566	Proneural
12830	SORBS2	4	186545006	melanoma
12831	SORBS2	4	186545037	melanoma
12832	SORBS2	4	186545046	Gbm
12833	SORBS2	4	186545046	IDHwt
12834	SORBS2	4	186545046	IDHwt_priGBM
12835	SORBS2	4	186545046	LGG GBM
12836	SORBS2	4	186545046	Mesenchymal_like
12837	SORBS2	4	186545066	melanoma
12838	TLR3	4	186997813	melanoma
12839	TLR3	4	186998050	melanoma
12840	TLR3	4	187003512	melanoma
12841	TLR3	4	187003974	bladder
12842	TLR3	4	187004351	melanoma
12843	TLR3	4	187005280	melanoma
12844	TLR3	4	187005280	melanoma
12845	CYP4V2	4	187115720	melanoma
12846	KLKB1	4	187155180	lung
12847	KLKB1	4	187155180	lung
12848	KLKB1	4	187158078	melanoma
12849	KLKB1	4	187173239	IDHwt_priGBM2
12850	KLKB1	4	187175746	melanoma
12851	F11	4	187206866	melanoma
12852	F11	4	187206866	melanoma
12853	MTNR1A	4	187455169	melanoma
12854	MTNR1A	4	187455559	hnsc
12855	MTNR1A	4	187455559	hnsc
12856	MTNR1A	4	187455559	hnsc
12857	MTNR1A	4	187455679	melanoma
12858	MTNR1A	4	187455679	melanoma
12859	MTNR1A	4	187455679	melanoma
12860	MTNR1A	4	187455679	melanoma
12861	MTNR1A	4	187455679	melanoma
12862	MTNR1A	4	187455679	melanoma
12863	FAT1	4	187521295	Codel
12864	FAT1	4	187521295	IDHmut
12865	FAT1	4	187521295	IDHmut_codel
12866	FAT1	4	187521295	LGG GBM
12867	FAT1	4	187521295	Neural
12868	FAT1	4	187521295	OligoAstr
12869	FAT1	4	187525596	melanoma
12870	FAT1	4	187525673	melanoma
12871	FAT1	4	187541400	lung
12872	FAT1	4	187542593	bladder
12873	FAT1	4	187549514	melanoma
12874	FAT1	4	187630140	melanoma
12875	ZFP42	4	188924752	Gbm

12876	ZFP42	4	188924752	IDHwt
12877	ZFP42	4	188924752	IDHwt_priGBM
12878	ZFP42	4	188924752	LGG GBM
12879	ZFP42	4	188924752	LGm6_GBM
12880	ZFP42	4	188924752	Mesenchymal
12881	ZFP42	4	188924752	Classic
12882	ZFP42	4	188924752	Classic
12883	ZFP42	4	188924752	Classic_like
12884	ZFP42	4	188924752	Classic_like
12885	ZFP42	4	188924752	Gbm
12886	ZFP42	4	188924752	Gbm
12887	ZFP42	4	188924752	IDHwt
12888	ZFP42	4	188924752	IDHwt
12889	ZFP42	4	188924752	IDHwt_priGBM
12890	ZFP42	4	188924752	IDHwt_priGBM
12891	ZFP42	4	188924752	LGG GBM
12892	ZFP42	4	188924752	LGG GBM
12893	TRIML2	4	189012897	Gbm
12894	TRIML2	4	189012897	IDHwt
12895	TRIML2	4	189012897	IDHwt_priGBM
12896	TRIML2	4	189012897	LGG GBM
12897	TRIML2	4	189012897	Neural
12898	TRIML2	4	189012952	melanoma
12899	TRIML2	4	189012952	melanoma
12900	TRIML2	4	189018488	Astr
12901	TRIML2	4	189018488	GCIMP_high
12902	TRIML2	4	189018488	IDHmut
12903	TRIML2	4	189018488	IDHmut_noncodel
12904	TRIML2	4	189018488	LGG GBM
12905	TRIML2	4	189018488	Proneural
12906	TRIML2	4	189022242	melanoma
12907	TRIML2	4	189026053	melanoma
12908	TRIML1	4	189065255	Gbm
12909	TRIML1	4	189065255	IDHwt
12910	TRIML1	4	189065255	IDHwt_priGBM
12911	TRIML1	4	189065255	LGG GBM
12912	TRIML1	4	189065255	Proneural
12913	TRIML1	4	189068417	Classic_like
12914	TRIML1	4	189068417	Gbm
12915	TRIML1	4	189068417	IDHwt
12916	TRIML1	4	189068417	IDHwt_priGBM
12917	TRIML1	4	189068417	LGG GBM
12918	TRIML1	4	189068417	Mesenchymal
12919	TRIML1	4	189068433	melanoma
12920	FRG1	4	190876275	lung
12921	PLEKHG4B	5	161949	bladder
12922	PLEKHG4B	5	169576	melanoma
12923	PLEKHG4B	5	169576	melanoma
12924	PLEKHG4B	5	182428	Gbm
12925	PLEKHG4B	5	182428	IDHwt
12926	PLEKHG4B	5	182428	IDHwt_priGBM
12927	PLEKHG4B	5	182428	LGG GBM
12928	PLEKHG4B	5	182428	Neural
12929	LRR14B	5	191709	melanoma
12930	LRR14B	5	191786	melanoma
12931	SDHA	5	231076	melanoma
12932	SDHA	5	251128	lung
12933	AHRR	5	427994	melanoma

12934	AHRR	5	434377	melanoma
12935	EXOC3	5	466946	melanoma
12936	EXOC3	5	466946	melanoma
12937	SLC9A3	5	482707	Classic_like
12938	SLC9A3	5	482707	Gbm
12939	SLC9A3	5	482707	IDHwt
12940	SLC9A3	5	482707	IDHwt_priGBM
12941	SLC9A3	5	482707	LGG GBM
12942	SLC9A3	5	482707	Mesenchymal
12943	ZDHHC11	5	840720	melanoma
12944	BRD9	5	881283	melanoma
12945	BRD9	5	886801	lung
12946	TRIP13	5	912055	melanoma
12947	NKD2	5	1034967	Astr
12948	NKD2	5	1034967	GCIMP_high
12949	NKD2	5	1034967	IDHmut
12950	NKD2	5	1034967	IDHmut_noncodel
12951	NKD2	5	1034967	LGG GBM
12952	NKD2	5	1034967	Proneural
12953	SLC12A7	5	1074713	bladder
12954	SLC6A19	5	1208948	melanoma
12955	SLC6A19	5	1214074	melanoma
12956	SLC6A19	5	1221274	melanoma
12957	SLC6A19	5	1221832	melanoma
12958	SLC6A18	5	1225635	Gbm
12959	SLC6A18	5	1225635	IDHwt
12960	SLC6A18	5	1225635	IDHwt_priGBM
12961	SLC6A18	5	1225635	LGG GBM
12962	SLC6A18	5	1225635	Mesenchymal
12963	SLC6A18	5	1225635	Mesenchymal_like
12964	SLC6A18	5	1232342	melanoma
12965	TERT	5	1268704	melanoma
12966	SLC6A3	5	1401050	melanoma
12967	SLC6A3	5	1406340	bladder
12968	SLC6A3	5	1409168	melanoma
12969	IRX2	5	2749817	melanoma
12970	IRX2	5	2751344	melanoma
12971	C5orf38	5	2752812	melanoma
12972	IRX1	5	3599499	Gbm
12973	IRX1	5	3599499	IDHwt
12974	IRX1	5	3599499	IDHwt_priGBM
12975	IRX1	5	3599499	LGG GBM
12976	IRX1	5	3599499	Mesenchymal_like
12977	ADAMTS16	5	5146447	Classic
12978	ADAMTS16	5	5146447	Classic_like
12979	ADAMTS16	5	5146447	Gbm
12980	ADAMTS16	5	5146447	IDHwt
12981	ADAMTS16	5	5146447	IDHwt_priGBM
12982	ADAMTS16	5	5146447	LGG GBM
12983	ADAMTS16	5	5186177	melanoma
12984	ADAMTS16	5	5186267	melanoma
12985	ADAMTS16	5	5191890	bladder
12986	ADAMTS16	5	5237184	Astr
12987	ADAMTS16	5	5237184	Classic
12988	ADAMTS16	5	5237184	Classic_like
12989	ADAMTS16	5	5237184	IDHwt
12990	ADAMTS16	5	5237184	LGG GBM
12991	ICE1	5	5462704	melanoma

12992	ICE1	5	5464173	lung
12993	NSUN2	5	6604301	melanoma
12994	NSUN2	5	6605421	melanoma
12995	NSUN2	5	6622137	Classic
12996	NSUN2	5	6622137	Classic
12997	NSUN2	5	6622137	Gbm
12998	NSUN2	5	6622137	Gbm
12999	NSUN2	5	6622137	IDHwt
13000	NSUN2	5	6622137	IDHwt
13001	NSUN2	5	6622137	IDHwt_priGBM
13002	NSUN2	5	6622137	IDHwt_priGBM
13003	NSUN2	5	6622137	LGG GBM
13004	NSUN2	5	6622137	LGG GBM
13005	NSUN2	5	6622137	Mesenchymal_like
13006	NSUN2	5	6622137	Mesenchymal_like
13007	SRD5A1	5	6633926	bladder
13008	SRD5A1	5	6633926	bladder
13009	SRD5A1	5	6651957	melanoma
13010	SRD5A1	5	6651957	melanoma
13011	SRD5A1	5	6663019	melanoma
13012	PAPD7	5	6753104	melanoma
13013	ADCY2	5	7520947	melanoma
13014	ADCY2	5	7690820	melanoma
13015	ADCY2	5	7707920	melanoma
13016	FASTKD3	5	7866900	melanoma
13017	MTRR	5	7873618	bladder
13018	MTRR	5	7875377	Astr
13019	MTRR	5	7875377	Classic_like
13020	MTRR	5	7875377	IDHwt
13021	MTRR	5	7875377	LGG GBM
13022	MTRR	5	7875377	Neural
13023	MTRR	5	7878305	melanoma
13024	MTRR	5	7878305	melanoma
13025	TAS2R1	5	9629715	melanoma
13026	TAS2R1	5	9630017	Codel
13027	TAS2R1	5	9630017	Codel
13028	TAS2R1	5	9630017	IDHmut
13029	TAS2R1	5	9630017	IDHmut
13030	TAS2R1	5	9630017	IDHmut_codel
13031	TAS2R1	5	9630017	IDHmut_codel
13032	TAS2R1	5	9630017	LGG GBM
13033	TAS2R1	5	9630017	LGG GBM
13034	TAS2R1	5	9630017	Oligo
13035	TAS2R1	5	9630017	Oligo
13036	CMBL	5	10290849	Classic_like
13037	CMBL	5	10290849	Gbm
13038	CMBL	5	10290849	IDHwt
13039	CMBL	5	10290849	IDHwt_priGBM
13040	CMBL	5	10290849	LGG GBM
13041	CMBL	5	10290849	Mesenchymal
13042	6-Mar	5	10426541	Codel
13043	6-Mar	5	10426541	IDHmut
13044	6-Mar	5	10426541	IDHmut_codel
13045	6-Mar	5	10426541	LGG GBM
13046	6-Mar	5	10426541	Oligo
13047	6-Mar	5	10426541	Proneural
13048	DAP	5	10680937	melanoma
13049	CTNND2	5	10973665	lung

13050	CTNND2	5	10992701	melanoma
13051	CTNND2	5	11082954	Gbm
13052	CTNND2	5	11082954	IDHwt
13053	CTNND2	5	11082954	IDHwt_priGBM
13054	CTNND2	5	11082954	LGG GBM
13055	CTNND2	5	11082954	Proneural
13056	CTNND2	5	11117640	lung
13057	CTNND2	5	11159845	melanoma
13058	CTNND2	5	11199716	melanoma
13059	CTNND2	5	11199757	Classic_like
13060	CTNND2	5	11199757	Gbm
13061	CTNND2	5	11199757	IDHwt
13062	CTNND2	5	11199757	IDHwt_priGBM
13063	CTNND2	5	11199757	LGG GBM
13064	CTNND2	5	11199757	Proneural
13065	CTNND2	5	11236868	lung
13066	CTNND2	5	11236913	melanoma
13067	CTNND2	5	11346715	melanoma
13068	CTNND2	5	11384926	melanoma
13069	CTNND2	5	11732333	melanoma
13070	CTNND2	5	11732333	melanoma
13071	DNAH5	5	13692152	melanoma
13072	DNAH5	5	13714567	melanoma
13073	DNAH5	5	13714567	melanoma
13074	DNAH5	5	13717498	hnscc
13075	DNAH5	5	13717498	melanoma
13076	DNAH5	5	13717498	melanoma
13077	DNAH5	5	13719032	melanoma
13078	DNAH5	5	13735333	melanoma
13079	DNAH5	5	13752329	melanoma
13080	DNAH5	5	13753538	melanoma
13081	DNAH5	5	13753538	melanoma
13082	DNAH5	5	13753538	melanoma
13083	DNAH5	5	13753569	melanoma
13084	DNAH5	5	13766101	Codel
13085	DNAH5	5	13766101	IDHmut
13086	DNAH5	5	13766101	IDHmut_codel
13087	DNAH5	5	13766101	LGG GBM
13088	DNAH5	5	13766101	Neural
13089	DNAH5	5	13766101	Oligo
13090	DNAH5	5	13766242	melanoma
13091	DNAH5	5	13766242	melanoma
13092	DNAH5	5	13766285	melanoma
13093	DNAH5	5	13766285	melanoma
13094	DNAH5	5	13769686	Gbm
13095	DNAH5	5	13769686	IDHwt
13096	DNAH5	5	13769686	IDHwt_priGBM
13097	DNAH5	5	13769686	LGG GBM
13098	DNAH5	5	13769686	Neural
13099	DNAH5	5	13769713	melanoma
13100	DNAH5	5	13769721	melanoma
13101	DNAH5	5	13776685	melanoma
13102	DNAH5	5	13776791	melanoma
13103	DNAH5	5	13776791	melanoma
13104	DNAH5	5	13780959	melanoma
13105	DNAH5	5	13780959	melanoma
13106	DNAH5	5	13788882	melanoma
13107	DNAH5	5	13814905	melanoma

13108	DNAH5	5	13814916	melanoma
13109	DNAH5	5	13814935	melanoma
13110	DNAH5	5	13830235	melanoma
13111	DNAH5	5	13841194	melanoma
13112	DNAH5	5	13859590	melanoma
13113	DNAH5	5	13859595	melanoma
13114	DNAH5	5	13862672	melanoma
13115	DNAH5	5	13865901	melanoma
13116	DNAH5	5	13865933	melanoma
13117	DNAH5	5	13865933	melanoma
13118	DNAH5	5	13867993	melanoma
13119	DNAH5	5	13871763	bladder
13120	DNAH5	5	13871769	melanoma
13121	DNAH5	5	13883048	melanoma
13122	DNAH5	5	13900364	melanoma
13123	DNAH5	5	13900461	melanoma
13124	TRIO	5	14374434	melanoma
13125	TRIO	5	14406753	Codel
13126	TRIO	5	14406753	IDHmut
13127	TRIO	5	14406753	IDHmut_codel
13128	TRIO	5	14406753	LGG GBM
13129	TRIO	5	14406753	Neural
13130	TRIO	5	14406753	Oligo
13131	TRIO	5	14420117	bladder
13132	TRIO	5	14462907	melanoma
13133	TRIO	5	14471439	melanoma
13134	TRIO	5	14488205	melanoma
13135	TRIO	5	14504675	melanoma
13136	TRIO	5	14504675	melanoma
13137	OTULIN	5	14681604	lung
13138	OTULIN	5	14681684	melanoma
13139	ANKH	5	14713752	melanoma
13140	FBXL7	5	15928322	lung
13141	FBXL7	5	15936592	lung
13142	11-Mar	5	16067644	melanoma
13143	11-Mar	5	16177971	melanoma
13144	ZNF622	5	16453250	Classic
13145	ZNF622	5	16453250	Gbm
13146	ZNF622	5	16453250	IDHwt
13147	ZNF622	5	16453250	IDHwt_priGBM
13148	ZNF622	5	16453250	LGG GBM
13149	ZNF622	5	16453250	Mesenchymal_like
13150	MYO10	5	16668451	melanoma
13151	MYO10	5	16670765	melanoma
13152	MYO10	5	16681582	melanoma
13153	MYO10	5	16780695	melanoma
13154	CDH18	5	19473529	melanoma
13155	CDH18	5	19473568	melanoma
13156	CDH18	5	19473586	melanoma
13157	CDH18	5	19612550	melanoma
13158	CDH12	5	21755849	lung
13159	CDH12	5	21755850	lung
13160	CDH12	5	21975295	melanoma
13161	PRDM9	5	23524468	melanoma
13162	PRDM9	5	23524567	melanoma
13163	PRDM9	5	23524582	melanoma
13164	PRDM9	5	23526351	melanoma
13165	PRDM9	5	23526872	Astr

13166	PRDM9	5	23526872	GCIMP_high
13167	PRDM9	5	23526872	IDHmut
13168	PRDM9	5	23526872	IDHmut_noncodel
13169	PRDM9	5	23526872	LGG GBM
13170	PRDM9	5	23527596	lung
13171	PRDM9	5	23527596	lung
13172	PRDM9	5	23527596	lung
13173	CDH10	5	24487870	lung
13174	CDH10	5	24491716	lung
13175	CDH10	5	24511557	melanoma
13176	CDH10	5	24537689	melanoma
13177	CDH9	5	26885932	Astr
13178	CDH9	5	26885932	Classic_like
13179	CDH9	5	26885932	IDHwt
13180	CDH9	5	26885932	LGG GBM
13181	CDH9	5	26886152	melanoma
13182	CDH9	5	26902711	Gbm
13183	CDH9	5	26902711	Gbm
13184	CDH9	5	26902711	IDHwt
13185	CDH9	5	26902711	IDHwt
13186	CDH9	5	26902711	IDHwt_priGBM
13187	CDH9	5	26902711	IDHwt_priGBM
13188	CDH9	5	26902711	LGG GBM
13189	CDH9	5	26902711	LGG GBM
13190	CDH9	5	26903778	lung
13191	CDH9	5	26903778	lung
13192	CDH9	5	26906845	melanoma
13193	CDH9	5	26906845	melanoma
13194	CDH9	5	26988367	Classic_like
13195	CDH9	5	26988367	Classic_like
13196	CDH9	5	26988367	Gbm
13197	CDH9	5	26988367	Gbm
13198	CDH9	5	26988367	IDHwt
13199	CDH9	5	26988367	IDHwt
13200	CDH9	5	26988367	IDHwt_priGBM
13201	CDH9	5	26988367	IDHwt_priGBM
13202	CDH9	5	26988367	LGG GBM
13203	CDH9	5	26988367	LGG GBM
13204	CDH6	5	31305351	melanoma
13205	CDH6	5	31317540	melanoma
13206	CDH6	5	31317546	melanoma
13207	CDH6	5	31323038	melanoma
13208	DROSHA	5	31431773	melanoma
13209	DROSHA	5	31464401	melanoma
13210	DROSHA	5	31526699	melanoma
13211	C5orf22	5	31532560	melanoma
13212	PDZD2	5	31995685	melanoma
13213	PDZD2	5	32048732	melanoma
13214	PDZD2	5	32074354	melanoma
13215	PDZD2	5	32087495	melanoma
13216	PDZD2	5	32088394	melanoma
13217	PDZD2	5	32089613	melanoma
13218	PDZD2	5	32098728	melanoma
13219	ZFR	5	32403465	melanoma
13220	NPR3	5	32712351	melanoma
13221	NPR3	5	32774841	melanoma
13222	TARS	5	33448810	bladder
13223	TARS	5	33457398	melanoma

13224	ADAMTS12	5	33577069	melanoma
13225	ADAMTS12	5	33643550	melanoma
13226	ADAMTS12	5	33751608	Classic
13227	ADAMTS12	5	33751608	Classic_like
13228	ADAMTS12	5	33751608	Gbm
13229	ADAMTS12	5	33751608	IDHwt
13230	ADAMTS12	5	33751608	IDHwt_priGBM
13231	ADAMTS12	5	33751608	LGG GBM
13232	ADAMTS12	5	33891924	melanoma
13233	ADAMTS12	5	33891924	melanoma
13234	ADAMTS12	5	33891924	melanoma
13235	RXFP3	5	33937196	melanoma
13236	RXFP3	5	33937196	melanoma
13237	RXFP3	5	33937196	melanoma
13238	RXFP3	5	33937393	melanoma
13239	RXFP3	5	33937393	melanoma
13240	SLC45A2	5	33982388	melanoma
13241	SLC45A2	5	33982388	melanoma
13242	C1QTNF3	5	34043047	melanoma
13243	C1QTNF3	5	34043047	melanoma
13244	RAI14	5	34814763	melanoma
13245	TTC23L	5	34863095	melanoma
13246	RAD1	5	34911893	melanoma
13247	BRIX1	5	34923283	melanoma
13248	BRIX1	5	34923283	melanoma
13249	BRIX1	5	34924991	Gbm
13250	BRIX1	5	34924991	IDHwt
13251	BRIX1	5	34924991	IDHwt_priGBM
13252	BRIX1	5	34924991	LGG GBM
13253	BRIX1	5	34924991	Mesenchymal_like
13254	BRIX1	5	34924991	Proneural
13255	DNAJC21	5	34937681	melanoma
13256	AGXT2	5	35037103	melanoma
13257	AGXT2	5	35037123	lung
13258	AGXT2	5	35037123	lung
13259	PRLR	5	35065370	melanoma
13260	PRLR	5	35065726	melanoma
13261	PRLR	5	35065949	melanoma
13262	SPEF2	5	35692734	Astr
13263	SPEF2	5	35692734	IDHwt
13264	SPEF2	5	35692734	LGG GBM
13265	SPEF2	5	35692734	Mesenchymal_like
13266	SPEF2	5	35700785	Astr
13267	SPEF2	5	35700785	GCIMP_high
13268	SPEF2	5	35700785	IDHmut
13269	SPEF2	5	35700785	IDHmut_noncodel
13270	SPEF2	5	35700785	LGG GBM
13271	SPEF2	5	35700785	Proneural
13272	SPEF2	5	35704717	lung
13273	SPEF2	5	35705871	melanoma
13274	SPEF2	5	35727800	melanoma
13275	SPEF2	5	35740067	melanoma
13276	SPEF2	5	35740067	melanoma
13277	SPEF2	5	35740067	melanoma
13278	SPEF2	5	35771775	melanoma
13279	SPEF2	5	35771775	melanoma
13280	SPEF2	5	35776457	melanoma
13281	IL7R	5	35861023	melanoma

13282	IL7R	5	35861023	melanoma
13283	IL7R	5	35871249	Gbm
13284	IL7R	5	35871249	GCIMP_high
13285	IL7R	5	35871249	IDHmut
13286	IL7R	5	35871249	IDHmut_noncodel
13287	IL7R	5	35871249	LGG GBM
13288	IL7R	5	35871249	Proneural
13289	IL7R	5	35873661	bladder
13290	IL7R	5	35876467	melanoma
13291	IL7R	5	35876469	melanoma
13292	CAPSL	5	35910158	melanoma
13293	UGT3A1	5	35955903	Gbm
13294	UGT3A1	5	35955903	IDHwt
13295	UGT3A1	5	35955903	IDHwt_priGBM
13296	UGT3A1	5	35955903	LGG GBM
13297	UGT3A1	5	35955903	Mesenchymal
13298	UGT3A1	5	35955903	Mesenchymal_like
13299	UGT3A1	5	35965765	melanoma
13300	UGT3A1	5	35965948	melanoma
13301	UGT3A1	5	35965979	melanoma
13302	UGT3A2	5	36035828	Classic
13303	UGT3A2	5	36035828	Classic_like
13304	UGT3A2	5	36035828	Gbm
13305	UGT3A2	5	36035828	IDHwt
13306	UGT3A2	5	36035828	IDHwt_priGBM
13307	UGT3A2	5	36035828	LGG GBM
13308	UGT3A2	5	36035966	Classic
13309	UGT3A2	5	36035966	Classic
13310	UGT3A2	5	36035966	Classic_like
13311	UGT3A2	5	36035966	Classic_like
13312	UGT3A2	5	36035966	Gbm
13313	UGT3A2	5	36035966	Gbm
13314	UGT3A2	5	36035966	IDHwt
13315	UGT3A2	5	36035966	IDHwt
13316	UGT3A2	5	36035966	IDHwt_priGBM
13317	UGT3A2	5	36035966	IDHwt_priGBM
13318	UGT3A2	5	36035966	LGG GBM
13319	UGT3A2	5	36035966	LGG GBM
13320	UGT3A2	5	36036029	Classic
13321	UGT3A2	5	36036029	Classic
13322	UGT3A2	5	36036029	Classic
13323	UGT3A2	5	36036029	Classic_like
13324	UGT3A2	5	36036029	Classic_like
13325	UGT3A2	5	36036029	Classic_like
13326	UGT3A2	5	36036029	Gbm
13327	UGT3A2	5	36036029	Gbm
13328	UGT3A2	5	36036029	Gbm
13329	UGT3A2	5	36036029	IDHwt
13330	UGT3A2	5	36036029	IDHwt
13331	UGT3A2	5	36036029	IDHwt
13332	UGT3A2	5	36036029	IDHwt_priGBM
13333	UGT3A2	5	36036029	IDHwt_priGBM
13334	UGT3A2	5	36036029	IDHwt_priGBM
13335	UGT3A2	5	36036029	LGG GBM
13336	UGT3A2	5	36036029	LGG GBM
13337	UGT3A2	5	36036029	LGG GBM
13338	UGT3A2	5	36037950	IDHwt_priGBM2
13339	UGT3A2	5	36039597	melanoma

13340	UGT3A2	5	36049095	lung
13341	UGT3A2	5	36049245	melanoma
13342	SKP2	5	36184025	melanoma
13343	NADK2	5	36197731	melanoma
13344	SLC1A3	5	36677114	melanoma
13345	NIPBL	5	36986131	melanoma
13346	NIPBL	5	37000657	Astr
13347	NIPBL	5	37000657	Classic
13348	NIPBL	5	37000657	Classic_like
13349	NIPBL	5	37000657	IDHwt
13350	NIPBL	5	37000657	LGG GBM
13351	NIPBL	5	37006688	melanoma
13352	NIPBL	5	37048711	melanoma
13353	NIPBL	5	37049251	melanoma
13354	NIPBL	5	37052574	melanoma
13355	NIPBL	5	37064679	bladder
13356	NIPBL	5	37064915	lung
13357	NIPBL	5	37064915	lung
13358	C5orf42	5	37169185	IDHwt
13359	C5orf42	5	37169185	LGG GBM
13360	C5orf42	5	37169185	Mesenchymal_like
13361	C5orf42	5	37169185	Neural
13362	C5orf42	5	37169185	OligoAstr
13363	C5orf42	5	37169378	melanoma
13364	C5orf42	5	37169450	melanoma
13365	C5orf42	5	37176014	melanoma
13366	NUP155	5	37329301	lung
13367	NUP155	5	37330156	melanoma
13368	NUP155	5	37358234	bladder
13369	WDR70	5	37379612	lung
13370	GDNF	5	37815841	melanoma
13371	GDNF	5	37815841	melanoma
13372	GDNF	5	37816088	melanoma
13373	EGFLAM	5	38337714	melanoma
13374	EGFLAM	5	38337714	melanoma
13375	EGFLAM	5	38407146	melanoma
13376	EGFLAM	5	38407973	melanoma
13377	EGFLAM	5	38407973	melanoma
13378	EGFLAM	5	38407973	melanoma
13379	EGFLAM	5	38451538	lung
13380	EGFLAM	5	38451538	lung
13381	EGFLAM	5	38451553	melanoma
13382	EGFLAM	5	38463936	melanoma
13383	EGFLAM	5	38464033	melanoma
13384	EGFLAM	5	38464033	melanoma
13385	EGFLAM	5	38464033	melanoma
13386	EGFLAM	5	38464033	melanoma
13387	EGFLAM	5	38464075	Codel
13388	EGFLAM	5	38464075	IDHmut
13389	EGFLAM	5	38464075	IDHmut_codel
13390	EGFLAM	5	38464075	LGG GBM
13391	EGFLAM	5	38464075	Oligo
13392	EGFLAM	5	38464075	Proneural
13393	LIFR	5	38482747	melanoma
13394	LIFR	5	38506088	melanoma
13395	LIFR	5	38506088	melanoma
13396	LIFR	5	38506127	melanoma
13397	LIFR	5	38506731	melanoma

13398	LIFR	5	38506731	melanoma
13399	LIFR	5	38527392	melanoma
13400	OSMR	5	38876348	melanoma
13401	OSMR	5	38876407	melanoma
13402	OSMR	5	38876407	melanoma
13403	OSMR	5	38876452	melanoma
13404	OSMR	5	38876459	melanoma
13405	OSMR	5	38876459	melanoma
13406	OSMR	5	38876473	melanoma
13407	OSMR	5	38904068	melanoma
13408	OSMR	5	38924670	Classic
13409	OSMR	5	38924670	Gbm
13410	OSMR	5	38924670	IDHwt
13411	OSMR	5	38924670	IDHwt_priGBM
13412	OSMR	5	38924670	LGG GBM
13413	OSMR	5	38932572	melanoma
13414	OSMR	5	38932997	lung
13415	OSMR	5	38933277	melanoma
13416	OSMR	5	38933277	melanoma
13417	RICTOR	5	38945165	bladder
13418	RICTOR	5	38950546	bladder
13419	RICTOR	5	38960630	melanoma
13420	RICTOR	5	38960630	melanoma
13421	RICTOR	5	38960630	melanoma
13422	FYB	5	39153580	melanoma
13423	FYB	5	39153580	melanoma
13424	FYB	5	39202156	melanoma
13425	C9	5	39306843	melanoma
13426	C9	5	39315915	melanoma
13427	C9	5	39315915	melanoma
13428	DAB2	5	39382869	melanoma
13429	PTGER4	5	40681673	lung
13430	PTGER4	5	40681673	lung
13431	TTC33	5	40716564	melanoma
13432	TTC33	5	40747087	lung
13433	CARD6	5	40841491	melanoma
13434	CARD6	5	40843343	Gbm
13435	CARD6	5	40843343	IDHwt
13436	CARD6	5	40843343	IDHwt_priGBM
13437	CARD6	5	40843343	LGG GBM
13438	CARD6	5	40843343	Mesenchymal
13439	CARD6	5	40843343	Mesenchymal_like
13440	CARD6	5	40853115	melanoma
13441	CARD6	5	40853652	melanoma
13442	CARD6	5	40853794	melanoma
13443	CARD6	5	40853995	melanoma
13444	C7	5	40945327	melanoma
13445	C7	5	40945327	melanoma
13446	C7	5	40945442	melanoma
13447	C7	5	40945442	melanoma
13448	C7	5	40950020	melanoma
13449	C7	5	40955588	melanoma
13450	C7	5	40964861	melanoma
13451	C7	5	40972595	melanoma
13452	C7	5	40979886	melanoma
13453	MROH2B	5	40999809	melanoma
13454	MROH2B	5	41000874	melanoma
13455	MROH2B	5	41004579	melanoma

13456	MROH2B	5	41004579	melanoma
13457	MROH2B	5	41004579	melanoma
13458	MROH2B	5	41004579	melanoma
13459	MROH2B	5	41004898	Astr
13460	MROH2B	5	41004898	Classic
13461	MROH2B	5	41004898	IDHwt
13462	MROH2B	5	41004898	LGG GBM
13463	MROH2B	5	41004898	Mesenchymal_like
13464	MROH2B	5	41009477	bladder
13465	MROH2B	5	41010175	melanoma
13466	MROH2B	5	41015496	melanoma
13467	MROH2B	5	41018857	melanoma
13468	MROH2B	5	41032878	melanoma
13469	MROH2B	5	41032911	melanoma
13470	MROH2B	5	41038960	melanoma
13471	MROH2B	5	41039576	melanoma
13472	MROH2B	5	41039576	melanoma
13473	MROH2B	5	41039576	melanoma
13474	MROH2B	5	41049447	Classic_like
13475	MROH2B	5	41049447	Gbm
13476	MROH2B	5	41049447	IDHwt
13477	MROH2B	5	41049447	IDHwt_priGBM
13478	MROH2B	5	41049447	LGG GBM
13479	MROH2B	5	41049447	Proneural
13480	MROH2B	5	41051102	Classic
13481	MROH2B	5	41051102	Gbm
13482	MROH2B	5	41051102	IDHwt
13483	MROH2B	5	41051102	IDHwt_priGBM
13484	MROH2B	5	41051102	LGG GBM
13485	MROH2B	5	41052628	Classic
13486	MROH2B	5	41052628	Gbm
13487	MROH2B	5	41052628	IDHwt
13488	MROH2B	5	41052628	IDHwt_priGBM
13489	MROH2B	5	41052628	LGG GBM
13490	MROH2B	5	41054887	lung
13491	MROH2B	5	41058182	IDHwt
13492	MROH2B	5	41058182	IDHwt
13493	MROH2B	5	41058182	LGG GBM
13494	MROH2B	5	41058182	LGG GBM
13495	MROH2B	5	41058182	Oligo
13496	MROH2B	5	41058182	Oligo
13497	MROH2B	5	41058182	PA_like
13498	MROH2B	5	41058182	PA_like
13499	MROH2B	5	41058182	Proneural
13500	MROH2B	5	41058182	Proneural
13501	MROH2B	5	41065475	melanoma
13502	MROH2B	5	41070948	Gbm
13503	MROH2B	5	41070948	IDHwt
13504	MROH2B	5	41070948	IDHwt_priGBM
13505	MROH2B	5	41070948	LGG GBM
13506	MROH2B	5	41070948	Mesenchymal_like
13507	C6	5	41149477	melanoma
13508	C6	5	41176748	melanoma
13509	C6	5	41176762	bladder
13510	C6	5	41176762	bladder
13511	C6	5	41181531	melanoma
13512	C6	5	41181619	melanoma
13513	C6	5	41199926	lung

13514	C6	5	41199926	lung
13515	PLCXD3	5	41313844	Classic_like
13516	PLCXD3	5	41313844	Gbm
13517	PLCXD3	5	41313844	IDHwt
13518	PLCXD3	5	41313844	IDHwt_priGBM
13519	PLCXD3	5	41313844	LGG GBM
13520	PLCXD3	5	41382006	Gbm
13521	PLCXD3	5	41382006	GCIMP_high
13522	PLCXD3	5	41382006	IDHmut
13523	PLCXD3	5	41382006	IDHmut_noncodel
13524	PLCXD3	5	41382006	LGG GBM
13525	PLCXD3	5	41382006	Proneural
13526	PLCXD3	5	41382210	lung
13527	PLCXD3	5	41382210	lung
13528	PLCXD3	5	41382210	lung
13529	PLCXD3	5	41382240	melanoma
13530	FBXO4	5	41925545	hnscc
13531	FBXO4	5	41925545	hnscc
13532	NIM1K	5	43280757	melanoma
13533	HMGCS1	5	43294814	melanoma
13534	CCL28	5	43412394	melanoma
13535	CCL28	5	43412394	melanoma
13536	NNT	5	43649290	Astr
13537	NNT	5	43649290	GCIMP_high
13538	NNT	5	43649290	IDHmut
13539	NNT	5	43649290	IDHmut_noncodel
13540	NNT	5	43649290	LGG GBM
13541	NNT	5	43649290	Proneural
13542	NNT	5	43659378	GCIMP_high
13543	NNT	5	43659378	IDHmut
13544	NNT	5	43659378	IDHmut_noncodel
13545	NNT	5	43659378	LGG GBM
13546	NNT	5	43659378	Proneural
13547	HCN1	5	45262241	Gbm
13548	HCN1	5	45262241	Gbm
13549	HCN1	5	45262241	IDHwt
13550	HCN1	5	45262241	IDHwt
13551	HCN1	5	45262241	IDHwt_priGBM
13552	HCN1	5	45262241	IDHwt_priGBM
13553	HCN1	5	45262241	LGG GBM
13554	HCN1	5	45262241	LGG GBM
13555	HCN1	5	45262241	Mesenchymal
13556	HCN1	5	45262241	Mesenchymal
13557	HCN1	5	45262241	Mesenchymal_like
13558	HCN1	5	45262241	Mesenchymal_like
13559	HCN1	5	45262552	melanoma
13560	HCN1	5	45262700	bladder
13561	HCN1	5	45262723	melanoma
13562	HCN1	5	45262723	melanoma
13563	HCN1	5	45262723	melanoma
13564	HCN1	5	45262727	melanoma
13565	HCN1	5	45262727	melanoma
13566	HCN1	5	45267200	melanoma
13567	HCN1	5	45267200	melanoma
13568	HCN1	5	45267280	melanoma
13569	HCN1	5	45267295	Astr
13570	HCN1	5	45267295	Classic
13571	HCN1	5	45267295	Classic_like

13572	HCN1	5	45267295	IDHwt
13573	HCN1	5	45267295	LGG GBM
13574	HCN1	5	45267313	lung
13575	HCN1	5	45645361	melanoma
13576	HCN1	5	45645455	bladder
13577	HCN1	5	45645525	melanoma
13578	EMB	5	49699246	melanoma
13579	EMB	5	49724007	melanoma
13580	EMB	5	49724007	melanoma
13581	PARP8	5	50090899	melanoma
13582	PARP8	5	50091052	melanoma
13583	PARP8	5	50091052	melanoma
13584	PARP8	5	50091099	melanoma
13585	ISL1	5	50689362	bladder
13586	ITGA1	5	52157328	IDHwt_priGBM2
13587	ITGA1	5	52235469	lung
13588	ITGA2	5	52344242	Gbm
13589	ITGA2	5	52344242	IDHwt
13590	ITGA2	5	52344242	IDHwt_priGBM
13591	ITGA2	5	52344242	LGG GBM
13592	ITGA2	5	52344242	Mesenchymal_like
13593	ITGA2	5	52344242	Proneural
13594	ITGA2	5	52344295	IDHwt
13595	ITGA2	5	52344295	LGG GBM
13596	ITGA2	5	52344295	Mesenchymal_like
13597	ITGA2	5	52344295	Oligo
13598	ITGA2	5	52353887	melanoma
13599	ITGA2	5	52361743	bladder
13600	ITGA2	5	52361743	bladder
13601	ITGA2	5	52374681	lung
13602	ARL15	5	53409067	lung
13603	SNX18	5	53814114	lung
13604	SNX18	5	53814333	lung
13605	GZMK	5	54320499	melanoma
13606	GZMK	5	54329698	melanoma
13607	CDC20B	5	54423092	melanoma
13608	CDC20B	5	54423092	melanoma
13609	CDC20B	5	54423092	melanoma
13610	CDC20B	5	54423154	Gbm
13611	CDC20B	5	54423154	IDHwt
13612	CDC20B	5	54423154	IDHwt_priGBM
13613	CDC20B	5	54423154	LGG GBM
13614	CDC20B	5	54423154	Mesenchymal
13615	CDC20B	5	54423154	Mesenchymal_like
13616	GPX8	5	54460012	melanoma
13617	GPX8	5	54460012	melanoma
13618	DHX29	5	54566248	melanoma
13619	SKIV2L2	5	54635984	melanoma
13620	SKIV2L2	5	54683809	bladder
13621	DDX4	5	55083767	GCIMP_high
13622	DDX4	5	55083767	IDHmut
13623	DDX4	5	55083767	IDHmut_noncodel
13624	DDX4	5	55083767	LGG GBM
13625	IL31RA	5	55185855	melanoma
13626	IL6ST	5	55253066	melanoma
13627	ANKRD55	5	55406950	melanoma
13628	ANKRD55	5	55407326	melanoma
13629	ANKRD55	5	55422776	melanoma

13630	MAP3K1	5	56167776	Gbm
13631	MAP3K1	5	56167776	Gbm
13632	MAP3K1	5	56167776	IDHwt
13633	MAP3K1	5	56167776	IDHwt
13634	MAP3K1	5	56167776	IDHwt_priGBM
13635	MAP3K1	5	56167776	IDHwt_priGBM
13636	MAP3K1	5	56167776	LGG GBM
13637	MAP3K1	5	56167776	LGG GBM
13638	MAP3K1	5	56167776	Mesenchymal_like
13639	MAP3K1	5	56167776	Mesenchymal_like
13640	MAP3K1	5	56167837	melanoma
13641	MAP3K1	5	56167837	melanoma
13642	GPBP1	5	56546950	melanoma
13643	GPBP1	5	56546950	melanoma
13644	ACTBL2	5	56777586	melanoma
13645	ACTBL2	5	56777838	Astr
13646	ACTBL2	5	56777838	Classic
13647	ACTBL2	5	56777838	IDHwt
13648	ACTBL2	5	56777838	LGG GBM
13649	ACTBL2	5	56777838	Mesenchymal_like
13650	ACTBL2	5	56778318	Classic
13651	ACTBL2	5	56778318	Gbm
13652	ACTBL2	5	56778318	IDHwt
13653	ACTBL2	5	56778318	IDHwt_priGBM
13654	ACTBL2	5	56778318	LGG GBM
13655	ACTBL2	5	56778318	Mesenchymal_like
13656	PLK2	5	57750513	bladder
13657	GAPT	5	57790482	melanoma
13658	RAB3C	5	58120938	melanoma
13659	PDE4D	5	58272256	GCIMP_high
13660	PDE4D	5	58272256	IDHmut
13661	PDE4D	5	58272256	IDHmut_noncodel
13662	PDE4D	5	58272256	LGG GBM
13663	PDE4D	5	58272256	Mesenchymal
13664	PDE4D	5	58272256	OligoAstr
13665	PDE4D	5	58285674	melanoma
13666	PDE4D	5	58285716	melanoma
13667	PDE4D	5	58285716	melanoma
13668	PDE4D	5	59064184	melanoma
13669	PDE4D	5	59064184	melanoma
13670	PDE4D	5	59284439	Codel
13671	PDE4D	5	59284439	IDHmut
13672	PDE4D	5	59284439	IDHmut_codel
13673	PDE4D	5	59284439	LGG GBM
13674	PDE4D	5	59284439	Proneural
13675	PDE4D	5	59284487	melanoma
13676	PDE4D	5	59284487	melanoma
13677	ELOVL7	5	60063672	melanoma
13678	ELOVL7	5	60063672	melanoma
13679	ELOVL7	5	60063672	melanoma
13680	ERCC8	5	60199487	bladder
13681	ERCC8	5	60217929	melanoma
13682	HTR1A	5	63256433	melanoma
13683	HTR1A	5	63256433	melanoma
13684	HTR1A	5	63256850	melanoma
13685	HTR1A	5	63256868	lung
13686	RNF180	5	63509931	melanoma
13687	RNF180	5	63509931	melanoma

13688	RNF180	5	63509931	melanoma
13689	ADAMTS6	5	64629908	melanoma
13690	ADAMTS6	5	64748594	melanoma
13691	ADAMTS6	5	64756110	melanoma
13692	ADAMTS6	5	64766846	melanoma
13693	TRAPPC13	5	64948338	Codel
13694	TRAPPC13	5	64948338	Codel
13695	TRAPPC13	5	64948338	IDHmut
13696	TRAPPC13	5	64948338	IDHmut
13697	TRAPPC13	5	64948338	IDHmut_codel
13698	TRAPPC13	5	64948338	IDHmut_codel
13699	TRAPPC13	5	64948338	LGG GBM
13700	TRAPPC13	5	64948338	LGG GBM
13701	TRAPPC13	5	64948338	Proneural
13702	TRAPPC13	5	64948338	Proneural
13703	NLN	5	65058888	bladder
13704	ERBIN	5	65310519	melanoma
13705	ERBIN	5	65350323	bladder
13706	SREK1	5	65460676	Classic
13707	SREK1	5	65460676	Classic_like
13708	SREK1	5	65460676	IDHwt
13709	SREK1	5	65460676	LGG GBM
13710	SREK1	5	65460676	Oligo
13711	MAST4	5	66084561	melanoma
13712	MAST4	5	66084566	Classic
13713	MAST4	5	66084566	Classic
13714	MAST4	5	66084566	Gbm
13715	MAST4	5	66084566	Gbm
13716	MAST4	5	66084566	IDHwt
13717	MAST4	5	66084566	IDHwt
13718	MAST4	5	66084566	IDHwt_priGBM
13719	MAST4	5	66084566	IDHwt_priGBM
13720	MAST4	5	66084566	LGG GBM
13721	MAST4	5	66084566	LGG GBM
13722	MAST4	5	66084566	Mesenchymal_like
13723	MAST4	5	66084566	Mesenchymal_like
13724	MAST4	5	66427768	bladder
13725	MAST4	5	66441064	Codel
13726	MAST4	5	66441064	IDHmut
13727	MAST4	5	66441064	IDHmut_codel
13728	MAST4	5	66441064	LGG GBM
13729	MAST4	5	66441064	OligoAstr
13730	MAST4	5	66441064	Proneural
13731	MAST4	5	66458527	melanoma
13732	MAST4	5	66459337	lung
13733	MAST4	5	66460498	melanoma
13734	CD180	5	66478995	melanoma
13735	PIK3R1	5	67575514	melanoma
13736	PIK3R1	5	67575522	melanoma
13737	PIK3R1	5	67576379	Classic
13738	PIK3R1	5	67576379	Classic_like
13739	PIK3R1	5	67576379	Gbm
13740	PIK3R1	5	67576379	IDHwt
13741	PIK3R1	5	67576379	IDHwt_priGBM
13742	PIK3R1	5	67576379	LGG GBM
13743	PIK3R1	5	67588952	melanoma
13744	PIK3R1	5	67589138	Classic_like
13745	PIK3R1	5	67589138	Gbm

13746	PIK3R1	5	67589138	Gbm
13747	PIK3R1	5	67589138	IDHwt
13748	PIK3R1	5	67589138	IDHwt
13749	PIK3R1	5	67589138	IDHwt_priGBM
13750	PIK3R1	5	67589138	IDHwt_priGBM
13751	PIK3R1	5	67589138	LGG GBM
13752	PIK3R1	5	67589138	LGG GBM
13753	PIK3R1	5	67589138	Mesenchymal_like
13754	PIK3R1	5	67589138	Proneural
13755	PIK3R1	5	67591086	GCIMP_high
13756	PIK3R1	5	67591086	IDHmut
13757	PIK3R1	5	67591086	IDHmut_noncodel
13758	PIK3R1	5	67591086	LGG GBM
13759	PIK3R1	5	67591086	OligoAstr
13760	SLC30A5	5	68400501	melanoma
13761	SLC30A5	5	68400501	melanoma
13762	SLC30A5	5	68400501	melanoma
13763	SLC30A5	5	68410253	lung
13764	SLC30A5	5	68412039	Astr
13765	SLC30A5	5	68412039	Astr
13766	SLC30A5	5	68412039	IDHwt
13767	SLC30A5	5	68412039	IDHwt
13768	SLC30A5	5	68412039	LGG GBM
13769	SLC30A5	5	68412039	LGG GBM
13770	SLC30A5	5	68412039	Mesenchymal
13771	SLC30A5	5	68412039	Mesenchymal
13772	SLC30A5	5	68412039	PA_like
13773	SLC30A5	5	68412039	PA_like
13774	SLC30A5	5	68414330	melanoma
13775	CCNB1	5	68470917	Codel
13776	CCNB1	5	68470917	IDHmut
13777	CCNB1	5	68470917	IDHmut_codel
13778	CCNB1	5	68470917	LGG GBM
13779	CCNB1	5	68470917	OligoAstr
13780	CCNB1	5	68470917	Proneural
13781	TAF9	5	68661152	melanoma
13782	RAD17	5	68689190	bladder
13783	MARVELD2	5	68715657	bladder
13784	MARVELD2	5	68715973	melanoma
13785	MARVELD2	5	68716065	melanoma
13786	MARVELD2	5	68728792	melanoma
13787	MARVELD2	5	68728792	melanoma
13788	OCLN	5	68805113	melanoma
13789	OCLN	5	68805174	Classic
13790	OCLN	5	68805174	Classic_like
13791	OCLN	5	68805174	Gbm
13792	OCLN	5	68805174	IDHwt
13793	OCLN	5	68805174	IDHwt_priGBM
13794	OCLN	5	68805174	LGG GBM
13795	BDP1	5	70806296	melanoma
13796	BDP1	5	70806296	melanoma
13797	BDP1	5	70848990	melanoma
13798	MAP1B	5	71494119	melanoma
13799	MRPS27	5	71591383	melanoma
13800	ZNF366	5	71757125	melanoma
13801	TNPO1	5	72179035	hnsc
13802	FCHO2	5	72383578	lung
13803	TMEM171	5	72427463	melanoma

13804	TMEM174	5	72469434	melanoma
13805	TMEM174	5	72469692	melanoma
13806	ARHGEF28	5	73048961	Classic
13807	ARHGEF28	5	73048961	Classic
13808	ARHGEF28	5	73048961	Classic_like
13809	ARHGEF28	5	73048961	Classic_like
13810	ARHGEF28	5	73048961	IDHwt
13811	ARHGEF28	5	73048961	IDHwt
13812	ARHGEF28	5	73048961	LGG GBM
13813	ARHGEF28	5	73048961	LGG GBM
13814	ARHGEF28	5	73048961	Oligo
13815	ARHGEF28	5	73048961	Oligo
13816	ARHGEF28	5	73128199	Gbm
13817	ARHGEF28	5	73128199	GCIMP_high
13818	ARHGEF28	5	73128199	IDHmut
13819	ARHGEF28	5	73128199	IDHmut_noncodel
13820	ARHGEF28	5	73128199	LGG GBM
13821	ARHGEF28	5	73181743	lung
13822	ARHGEF28	5	73181743	lung
13823	ENC1	5	73931028	melanoma
13824	HEXB	5	73981348	melanoma
13825	HEXB	5	73981348	melanoma
13826	GFM2	5	74028894	Gbm
13827	GFM2	5	74028894	IDHwt
13828	GFM2	5	74028894	IDHwt_priGBM
13829	GFM2	5	74028894	LGG GBM
13830	GFM2	5	74028894	LGM6_GBM
13831	GFM2	5	74028894	Mesenchymal
13832	NSA2	5	74064784	melanoma
13833	FAM169A	5	74134813	melanoma
13834	GCNT4	5	74325702	melanoma
13835	HMGCR	5	74650343	melanoma
13836	HMGCR	5	74655092	melanoma
13837	HMGCR	5	74655092	melanoma
13838	COL4A3BP	5	74706844	lung
13839	COL4A3BP	5	74807074	bladder
13840	POLK	5	74892057	Codel
13841	POLK	5	74892057	IDHmut
13842	POLK	5	74892057	IDHmut_codel
13843	POLK	5	74892057	LGG GBM
13844	POLK	5	74892057	Oligo
13845	SV2C	5	75490761	melanoma
13846	SV2C	5	75490761	melanoma
13847	SV2C	5	75490761	melanoma
13848	SV2C	5	75581097	bladder
13849	SV2C	5	75621283	melanoma
13850	SV2C	5	75621286	melanoma
13851	SV2C	5	75621286	melanoma
13852	SV2C	5	75621286	melanoma
13853	SV2C	5	75621286	melanoma
13854	IQGAP2	5	75885526	melanoma
13855	IQGAP2	5	75927728	melanoma
13856	IQGAP2	5	75948621	lung
13857	F2R	5	76028618	melanoma
13858	S100Z	5	76171188	melanoma
13859	CRHBP	5	76249020	melanoma
13860	CRHBP	5	76249020	melanoma
13861	PDE8B	5	76704790	melanoma

13862	PDE8B	5	76704790	melanoma
13863	PDE8B	5	76707979	melanoma
13864	PDE8B	5	76707979	melanoma
13865	PDE8B	5	76707979	melanoma
13866	WDR41	5	76785365	melanoma
13867	TBCA	5	76989158	melanoma
13868	AP3B1	5	77473185	melanoma
13869	AP3B1	5	77590312	bladder
13870	LHFPL2	5	77784877	Gbm
13871	LHFPL2	5	77784877	IDHwt
13872	LHFPL2	5	77784877	IDHwt_priGBM
13873	LHFPL2	5	77784877	LGG GBM
13874	LHFPL2	5	77784877	Mesenchymal
13875	LHFPL2	5	77784877	Mesenchymal_like
13876	LHFPL2	5	77805615	melanoma
13877	LHFPL2	5	77805615	melanoma
13878	LHFPL2	5	77805694	melanoma
13879	ARSB	5	78076300	melanoma
13880	DMGDH	5	78301154	melanoma
13881	DMGDH	5	78325743	melanoma
13882	DMGDH	5	78328579	melanoma
13883	DMGDH	5	78329112	melanoma
13884	DMGDH	5	78329112	melanoma
13885	DMGDH	5	78338140	melanoma
13886	DMGDH	5	78338140	melanoma
13887	DMGDH	5	78350159	melanoma
13888	DMGDH	5	78350159	melanoma
13889	DMGDH	5	78350159	melanoma
13890	DMGDH	5	78350159	melanoma
13891	JMY	5	78533329	Gbm
13892	JMY	5	78533329	IDHwt
13893	JMY	5	78533329	IDHwt_priGBM
13894	JMY	5	78533329	LGG GBM
13895	JMY	5	78533329	Mesenchymal
13896	JMY	5	78533329	Mesenchymal_like
13897	JMY	5	78596534	melanoma
13898	HOMER1	5	78697771	Classic_like
13899	HOMER1	5	78697771	Gbm
13900	HOMER1	5	78697771	IDHwt
13901	HOMER1	5	78697771	IDHwt_priGBM
13902	HOMER1	5	78697771	LGG GBM
13903	HOMER1	5	78697771	Proneural
13904	PAPD4	5	78952805	melanoma
13905	CMYA5	5	79026338	melanoma
13906	CMYA5	5	79027320	melanoma
13907	CMYA5	5	79027320	melanoma
13908	CMYA5	5	79028547	melanoma
13909	CMYA5	5	79028999	melanoma
13910	CMYA5	5	79030152	melanoma
13911	CMYA5	5	79030811	melanoma
13912	CMYA5	5	79032381	melanoma
13913	CMYA5	5	79032381	melanoma
13914	CMYA5	5	79033067	melanoma
13915	CMYA5	5	79033629	melanoma
13916	CMYA5	5	79034604	GCIMP_high
13917	CMYA5	5	79034604	IDHmut
13918	CMYA5	5	79034604	IDHmut_noncodel
13919	CMYA5	5	79034604	LGG GBM

13920	CMYA5	5	79034604	OligoAstr
13921	CMYA5	5	79034610	melanoma
13922	CMYA5	5	79034745	melanoma
13923	CMYA5	5	79034745	melanoma
13924	CMYA5	5	79059014	melanoma
13925	CMYA5	5	79059014	melanoma
13926	MTX3	5	79284387	Classic
13927	MTX3	5	79284387	Classic_like
13928	MTX3	5	79284387	Gbm
13929	MTX3	5	79284387	IDHwt
13930	MTX3	5	79284387	IDHwt_priGBM
13931	MTX3	5	79284387	LGG GBM
13932	THBS4	5	79351775	melanoma
13933	SPZ1	5	79616156	melanoma
13934	SPZ1	5	79616156	melanoma
13935	ZFYVE16	5	79734552	melanoma
13936	ZFYVE16	5	79734552	melanoma
13937	ZFYVE16	5	79768699	Classic
13938	ZFYVE16	5	79768699	Gbm
13939	ZFYVE16	5	79768699	IDHwt
13940	ZFYVE16	5	79768699	IDHwt_priGBM
13941	ZFYVE16	5	79768699	LGG GBM
13942	ZFYVE16	5	79768699	Mesenchymal_like
13943	ANKRD34B	5	79854911	lung
13944	ANKRD34B	5	79854911	lung
13945	ANKRD34B	5	79855258	melanoma
13946	ANKRD34B	5	79855508	melanoma
13947	MTRNR2L2	5	79945871	bladder
13948	MTRNR2L2	5	79945871	lung
13949	MTRNR2L2	5	79945871	lung
13950	MSH3	5	80064755	Codel
13951	MSH3	5	80064755	IDHmut
13952	MSH3	5	80064755	IDHmut_codel
13953	MSH3	5	80064755	LGG GBM
13954	MSH3	5	80064755	Oligo
13955	MSH3	5	80064755	Proneural
13956	MSH3	5	80160704	melanoma
13957	RASGRF2	5	80256621	melanoma
13958	RASGRF2	5	80409449	melanoma
13959	RASGRF2	5	80409449	melanoma
13960	RASGRF2	5	80409449	melanoma
13961	CKMT2	5	80546986	lung
13962	CKMT2	5	80553664	melanoma
13963	ACOT12	5	80626244	melanoma
13964	ACOT12	5	80626308	bladder
13965	ATG10	5	81460299	lung
13966	ATG10	5	81460299	lung
13967	ATG10	5	81460299	lung
13968	VCAN	5	82816121	melanoma
13969	VCAN	5	82816676	Gbm
13970	VCAN	5	82816676	IDHwt
13971	VCAN	5	82816676	IDHwt_priGBM
13972	VCAN	5	82816676	LGG GBM
13973	VCAN	5	82816676	Mesenchymal_like
13974	VCAN	5	82833227	melanoma
13975	VCAN	5	82833227	melanoma
13976	VCAN	5	82833227	melanoma
13977	VCAN	5	82834518	melanoma

13978	VCAN	5	82834662	melanoma
13979	VCAN	5	82836270	melanoma
13980	VCAN	5	82837572	melanoma
13981	VCAN	5	82837572	melanoma
13982	VCAN	5	82838004	melanoma
13983	VCAN	5	82838004	melanoma
13984	VCAN	5	82841407	melanoma
13985	VCAN	5	82841407	melanoma
13986	EDIL3	5	83239377	melanoma
13987	EDIL3	5	83362370	melanoma
13988	RASA1	5	86670121	melanoma
13989	RASA1	5	86672806	melanoma
13990	CCNH	5	86695290	melanoma
13991	MEF2C	5	88018651	melanoma
13992	CETN3	5	89695331	melanoma
13993	ADGRV1	5	89910762	melanoma
13994	ADGRV1	5	89918496	melanoma
13995	ADGRV1	5	89918501	melanoma
13996	ADGRV1	5	89924501	melanoma
13997	ADGRV1	5	89924638	melanoma
13998	ADGRV1	5	89924638	melanoma
13999	ADGRV1	5	89925055	melanoma
14000	ADGRV1	5	89930961	melanoma
14001	ADGRV1	5	89949089	melanoma
14002	ADGRV1	5	89968460	melanoma
14003	ADGRV1	5	89968460	melanoma
14004	ADGRV1	5	89969926	Gbm
14005	ADGRV1	5	89969926	IDHwt
14006	ADGRV1	5	89969926	IDHwt_priGBM
14007	ADGRV1	5	89969926	LGG GBM
14008	ADGRV1	5	89969926	Mesenchymal
14009	ADGRV1	5	89969926	Mesenchymal_like
14010	ADGRV1	5	89971075	melanoma
14011	ADGRV1	5	89971126	melanoma
14012	ADGRV1	5	89981650	Gbm
14013	ADGRV1	5	89981650	IDHwt
14014	ADGRV1	5	89981650	IDHwt_priGBM
14015	ADGRV1	5	89981650	LGG GBM
14016	ADGRV1	5	89981650	Mesenchymal
14017	ADGRV1	5	89990025	melanoma
14018	ADGRV1	5	89990025	melanoma
14019	ADGRV1	5	89990408	melanoma
14020	ADGRV1	5	90002122	melanoma
14021	ADGRV1	5	90007075	melanoma
14022	ADGRV1	5	90007075	melanoma
14023	ADGRV1	5	90020922	IDHwt_priGBM2
14024	ADGRV1	5	90020949	melanoma
14025	ADGRV1	5	90024505	melanoma
14026	ADGRV1	5	90040977	melanoma
14027	ADGRV1	5	90041593	melanoma
14028	ADGRV1	5	90050972	melanoma
14029	ADGRV1	5	90050972	melanoma
14030	ADGRV1	5	90052406	melanoma
14031	ADGRV1	5	90055389	Gbm
14032	ADGRV1	5	90055389	IDHwt
14033	ADGRV1	5	90055389	IDHwt_priGBM
14034	ADGRV1	5	90055389	LGG GBM
14035	ADGRV1	5	90055389	Mesenchymal

14036	ADGRV1	5	90055389	Mesenchymal_like
14037	ADGRV1	5	90079719	melanoma
14038	ADGRV1	5	90098629	melanoma
14039	ADGRV1	5	90124894	melanoma
14040	ARRDC3	5	90671379	Gbm
14041	ARRDC3	5	90671379	IDHwt
14042	ARRDC3	5	90671379	IDHwt_priGBM
14043	ARRDC3	5	90671379	LGG GBM
14044	ARRDC3	5	90671379	Mesenchymal_like
14045	NR2F1	5	92924027	melanoma
14046	NR2F1	5	92924027	melanoma
14047	POU5F2	5	93077142	Classic_like
14048	POU5F2	5	93077142	Gbm
14049	POU5F2	5	93077142	IDHwt
14050	POU5F2	5	93077142	IDHwt_priGBM
14051	POU5F2	5	93077142	LGG GBM
14052	FAM172A	5	93159873	melanoma
14053	KIAA0825	5	93856069	Gbm
14054	KIAA0825	5	93856069	IDHwt
14055	KIAA0825	5	93856069	IDHwt_priGBM
14056	KIAA0825	5	93856069	LGG GBM
14057	KIAA0825	5	93856069	Mesenchymal
14058	KIAA0825	5	93856069	Mesenchymal_like
14059	FAM81B	5	94764407	melanoma
14060	TTC37	5	94818272	melanoma
14061	TTC37	5	94826719	melanoma
14062	ARSK	5	94918696	Gbm
14063	ARSK	5	94918696	IDHwt
14064	ARSK	5	94918696	IDHwt_priGBM
14065	ARSK	5	94918696	LGG GBM
14066	ARSK	5	94918696	Mesenchymal
14067	ARSK	5	94918696	Mesenchymal_like
14068	ARSK	5	94918892	Codel
14069	ARSK	5	94918892	IDHmut
14070	ARSK	5	94918892	IDHmut_codel
14071	ARSK	5	94918892	LGG GBM
14072	ARSK	5	94918892	Oligo
14073	ARSK	5	94918892	Proneural
14074	RHOBTB3	5	95091390	melanoma
14075	RHOBTB3	5	95119617	melanoma
14076	RHOBTB3	5	95119617	melanoma
14077	RHOBTB3	5	95119617	melanoma
14078	ELL2	5	95234136	Classic_like
14079	ELL2	5	95234136	Gbm
14080	ELL2	5	95234136	IDHwt
14081	ELL2	5	95234136	IDHwt_priGBM
14082	ELL2	5	95234136	LGG GBM
14083	ELL2	5	95234136	Proneural
14084	ELL2	5	95234483	melanoma
14085	ERAP1	5	96139206	lung
14086	ERAP1	5	96139206	lung
14087	ERAP2	5	96222485	melanoma
14088	ERAP2	5	96228110	melanoma
14089	LNPEP	5	96322302	bladder
14090	LNPEP	5	96322302	bladder
14091	LNPEP	5	96333833	melanoma
14092	LNPEP	5	96364119	melanoma
14093	RGMB	5	98115467	melanoma

14094	CHD1	5	98208251	melanoma
14095	CHD1	5	98218847	melanoma
14096	CHD1	5	98232063	GCIMP_high
14097	CHD1	5	98232063	GCIMP_high
14098	CHD1	5	98232063	IDHmut
14099	CHD1	5	98232063	IDHmut
14100	CHD1	5	98232063	IDHmut_noncodel
14101	CHD1	5	98232063	IDHmut_noncodel
14102	CHD1	5	98232063	LGG GBM
14103	CHD1	5	98232063	LGG GBM
14104	CHD1	5	98232063	Neural
14105	CHD1	5	98232063	Neural
14106	CHD1	5	98232063	Oligo
14107	CHD1	5	98232063	Oligo
14108	FAM174A	5	99871319	melanoma
14109	ST8SIA4	5	100147751	melanoma
14110	ST8SIA4	5	100222236	melanoma
14111	ST8SIA4	5	100238590	melanoma
14112	SLCO4C1	5	101574991	melanoma
14113	SLCO4C1	5	101595961	Astr
14114	SLCO4C1	5	101595961	Astr
14115	SLCO4C1	5	101595961	GCIMP_high
14116	SLCO4C1	5	101595961	GCIMP_high
14117	SLCO4C1	5	101595961	IDHmut
14118	SLCO4C1	5	101595961	IDHmut
14119	SLCO4C1	5	101595961	IDHmut_noncodel
14120	SLCO4C1	5	101595961	IDHmut_noncodel
14121	SLCO4C1	5	101595961	LGG GBM
14122	SLCO4C1	5	101595961	LGG GBM
14123	SLCO4C1	5	101595961	Proneural
14124	SLCO4C1	5	101595961	Proneural
14125	SLCO4C1	5	101606360	melanoma
14126	SLCO4C1	5	101627058	melanoma
14127	SLCO4C1	5	101631791	melanoma
14128	SLCO6A1	5	101709138	IDHwt_priGBM2
14129	SLCO6A1	5	101834230	lung
14130	SLCO6A1	5	101834230	lung
14131	SLCO6A1	5	101834424	GCIMP_high
14132	SLCO6A1	5	101834424	IDHmut
14133	SLCO6A1	5	101834424	IDHmut_noncodel
14134	SLCO6A1	5	101834424	LGG GBM
14135	SLCO6A1	5	101834424	Oligo
14136	SLCO6A1	5	101834427	melanoma
14137	PAM	5	102295738	melanoma
14138	PAM	5	102360951	melanoma
14139	GIN1	5	102423748	melanoma
14140	GIN1	5	102432490	melanoma
14141	PPIP5K2	5	102486984	melanoma
14142	C5orf30	5	102612054	melanoma
14143	NUDT12	5	102890483	melanoma
14144	NUDT12	5	102890483	melanoma
14145	NUDT12	5	102894612	bladder
14146	FBXL17	5	107216745	Gbm
14147	FBXL17	5	107216745	Gbm
14148	FBXL17	5	107216745	Gbm
14149	FBXL17	5	107216745	IDHwt
14150	FBXL17	5	107216745	IDHwt
14151	FBXL17	5	107216745	IDHwt

14152	FBXL17	5	107216745	IDHwt_priGBM
14153	FBXL17	5	107216745	IDHwt_priGBM
14154	FBXL17	5	107216745	IDHwt_priGBM
14155	FBXL17	5	107216745	LGG GBM
14156	FBXL17	5	107216745	LGG GBM
14157	FBXL17	5	107216745	LGG GBM
14158	FBXL17	5	107216745	LGm6_GBM
14159	FBXL17	5	107216745	LGm6_GBM
14160	FBXL17	5	107216745	LGm6_GBM
14161	FER	5	108219120	melanoma
14162	FER	5	108219216	melanoma
14163	PJA2	5	108691668	melanoma
14164	TMEM232	5	109904269	melanoma
14165	SLC25A46	5	110083925	bladder
14166	SLC25A46	5	110083925	bladder
14167	TSLP	5	110407626	melanoma
14168	EPB41L4A	5	111576501	melanoma
14169	APC	5	112170676	melanoma
14170	APC	5	112170676	melanoma
14171	APC	5	112176488	melanoma
14172	APC	5	112177328	melanoma
14173	APC	5	112177328	melanoma
14174	APC	5	112177377	bladder
14175	APC	5	112177620	melanoma
14176	APC	5	112177620	melanoma
14177	APC	5	112178673	melanoma
14178	APC	5	112178751	melanoma
14179	APC	5	112178813	melanoma
14180	APC	5	112178813	melanoma
14181	MCC	5	112363016	lung
14182	MCC	5	112363016	lung
14183	MCC	5	112676398	melanoma
14184	MCC	5	112720895	melanoma
14185	TSSK1B	5	112769636	melanoma
14186	TSSK1B	5	112769699	melanoma
14187	TSSK1B	5	112770175	melanoma
14188	TSSK1B	5	112770175	melanoma
14189	YTHDC2	5	112889646	melanoma
14190	YTHDC2	5	112899815	lung
14191	YTHDC2	5	112927760	melanoma
14192	YTHDC2	5	112927775	melanoma
14193	YTHDC2	5	112927802	melanoma
14194	KCNN2	5	113698887	Codel
14195	KCNN2	5	113698887	IDHmut
14196	KCNN2	5	113698887	IDHmut_codel
14197	KCNN2	5	113698887	LGG GBM
14198	KCNN2	5	113698887	Oligo
14199	KCNN2	5	113698887	Proneural
14200	KCNN2	5	113740403	lung
14201	TRIM36	5	114466370	melanoma
14202	TRIM36	5	114466370	melanoma
14203	PGGT1B	5	114557639	lung
14204	PGGT1B	5	114557639	lung
14205	CCDC112	5	114610927	bladder
14206	FEM1C	5	114860125	Codel
14207	FEM1C	5	114860125	IDHmut
14208	FEM1C	5	114860125	IDHmut_codel
14209	FEM1C	5	114860125	LGG GBM

14210	FEM1C	5	114860125	OligoAstr
14211	FEM1C	5	114860125	Proneural
14212	FEM1C	5	114879096	melanoma
14213	FEM1C	5	114879096	melanoma
14214	AM2;TMED7-TIC/	5	114916653	lung
14215	TMED7	5	114951992	melanoma
14216	TMED7	5	114951992	melanoma
14217	ATG12	5	115173456	melanoma
14218	AP3S1	5	115238612	melanoma
14219	AP3S1	5	115249174	melanoma
14220	AP3S1	5	115249174	melanoma
14221	LVRN	5	115323627	melanoma
14222	LVRN	5	115335489	melanoma
14223	LVRN	5	115335489	melanoma
14224	LVRN	5	115335489	melanoma
14225	LVRN	5	115350130	melanoma
14226	LVRN	5	115361717	melanoma
14227	LVRN	5	115361717	melanoma
14228	SEMA6A	5	115815915	melanoma
14229	SEMA6A	5	115815915	melanoma
14230	SEMA6A	5	115815915	melanoma
14231	DMXL1	5	118456829	melanoma
14232	DMXL1	5	118469858	melanoma
14233	DMXL1	5	118469858	melanoma
14234	DMXL1	5	118483028	melanoma
14235	DMXL1	5	118487669	melanoma
14236	DMXL1	5	118574751	melanoma
14237	DMXL1	5	118574751	melanoma
14238	FAM170A	5	118969787	melanoma
14239	FAM170A	5	118969790	melanoma
14240	PRR16	5	120021926	melanoma
14241	PRR16	5	120022291	melanoma
14242	PRR16	5	120022291	melanoma
14243	FTMT	5	121187720	Classic_like
14244	FTMT	5	121187720	Gbm
14245	FTMT	5	121187720	IDHwt
14246	FTMT	5	121187720	IDHwt_priGBM
14247	FTMT	5	121187720	LGG GBM
14248	SNCAIP	5	121759130	melanoma
14249	SNCAIP	5	121786485	melanoma
14250	CEP120	5	122682281	melanoma
14251	CEP120	5	122682281	melanoma
14252	CEP120	5	122726853	melanoma
14253	CEP120	5	122726853	melanoma
14254	ZNF608	5	123980216	melanoma
14255	ZNF608	5	123983387	melanoma
14256	ZNF608	5	123983777	melanoma
14257	ZNF608	5	123983840	melanoma
14258	ZNF608	5	123983841	melanoma
14259	ZNF608	5	123983841	melanoma
14260	ZNF608	5	123984428	melanoma
14261	ZNF608	5	123984428	melanoma
14262	ALDH7A1	5	125919653	melanoma
14263	MEGF10	5	126758455	Codel
14264	MEGF10	5	126758455	IDHmut
14265	MEGF10	5	126758455	IDHmut_codel
14266	MEGF10	5	126758455	LGG GBM
14267	MEGF10	5	126758455	Proneural

14268	MEGF10	5	126792871	melanoma
14269	SLC12A2	5	127469918	melanoma
14270	SLC12A2	5	127469918	melanoma
14271	SLC12A2	5	127469918	melanoma
14272	SLC12A2	5	127520072	Gbm
14273	SLC12A2	5	127520072	IDHwt
14274	SLC12A2	5	127520072	IDHwt_priGBM
14275	SLC12A2	5	127520072	LGG GBM
14276	SLC12A2	5	127520072	Proneural
14277	FBN2	5	127654655	IDHwt_priGBM2
14278	SLC27A6	5	128302221	Classic
14279	SLC27A6	5	128302221	Classic
14280	SLC27A6	5	128302221	Classic_like
14281	SLC27A6	5	128302221	Classic_like
14282	SLC27A6	5	128302221	Gbm
14283	SLC27A6	5	128302221	Gbm
14284	SLC27A6	5	128302221	IDHwt
14285	SLC27A6	5	128302221	IDHwt
14286	SLC27A6	5	128302221	IDHwt_priGBM
14287	SLC27A6	5	128302221	IDHwt_priGBM
14288	SLC27A6	5	128302221	LGG GBM
14289	SLC27A6	5	128302221	LGG GBM
14290	SLC27A6	5	128320898	melanoma
14291	SLC27A6	5	128362867	melanoma
14292	SLC27A6	5	128368866	melanoma
14293	SLC27A6	5	128368866	melanoma
14294	ADAMTS19	5	128862034	melanoma
14295	ADAMTS19	5	128864325	melanoma
14296	ADAMTS19	5	128958003	melanoma
14297	ADAMTS19	5	129037232	Gbm
14298	ADAMTS19	5	129037232	IDHwt
14299	ADAMTS19	5	129037232	IDHwt_priGBM
14300	ADAMTS19	5	129037232	LGG GBM
14301	ADAMTS19	5	129037232	Proneural
14302	CHSY3	5	129241233	melanoma
14303	CHSY3	5	129243979	melanoma
14304	RAPGEF6	5	130766713	melanoma
14305	RAPGEF6	5	130883835	melanoma
14306	FNIP1	5	131014752	melanoma
14307	FNIP1	5	131042111	melanoma
14308	FNIP1	5	131042174	melanoma
14309	FNIP1	5	131042174	melanoma
14310	FNIP1	5	131042203	melanoma
14311	FNIP1	5	131052342	melanoma
14312	ACSL6	5	131310491	melanoma
14313	ACSL6	5	131310626	melanoma
14314	IL3	5	131396547	Classic_like
14315	IL3	5	131396547	Gbm
14316	IL3	5	131396547	IDHwt
14317	IL3	5	131396547	IDHwt_priGBM
14318	IL3	5	131396547	LGG GBM
14319	IL3	5	131396547	Mesenchymal
14320	IL3	5	131398032	melanoma
14321	PDLIM4	5	131607769	melanoma
14322	SLC22A4	5	131662986	melanoma
14323	SLC22A5	5	131722739	Codel
14324	SLC22A5	5	131722739	IDHmut
14325	SLC22A5	5	131722739	IDHmut_codel

14326	SLC22A5	5	131722739	LGG GBM
14327	SLC22A5	5	131722739	Oligo
14328	SLC22A5	5	131722739	Proneural
14329	SLC22A5	5	131728188	melanoma
14330	IRF1	5	131821948	melanoma
14331	RAD50	5	131972886	Astr
14332	RAD50	5	131972886	GCIMP_high
14333	RAD50	5	131972886	IDHmut
14334	RAD50	5	131972886	IDHmut_noncodel
14335	RAD50	5	131972886	LGG GBM
14336	RAD50	5	131972886	Proneural
14337	KIF3A	5	132051569	Astr
14338	KIF3A	5	132051569	IDHwt
14339	KIF3A	5	132051569	LGG GBM
14340	KIF3A	5	132051569	Neural
14341	KIF3A	5	132051569	PA like
14342	KIF3A	5	132062086	bladder
14343	KIF3A	5	132062128	melanoma
14344	KIF3A	5	132069972	melanoma
14345	KIF3A	5	132069972	melanoma
14346	KIF3A	5	132069972	melanoma
14347	SHROOM1	5	132161067	melanoma
14348	SHROOM1	5	132161067	melanoma
14349	AFF4	5	132232833	melanoma
14350	HSPA4	5	132408991	melanoma
14351	HSPA4	5	132432907	lung
14352	FSTL4	5	132545984	melanoma
14353	FSTL4	5	132585212	bladder
14354	FSTL4	5	132585212	bladder
14355	FSTL4	5	132585214	melanoma
14356	C5orf15	5	133292569	melanoma
14357	PPP2CA	5	133536076	melanoma
14358	PPP2CA	5	133537572	melanoma
14359	UBE2B	5	133716437	melanoma
14360	SEC24A	5	134010856	melanoma
14361	SEC24A	5	134015401	melanoma
14362	SEC24A	5	134044568	melanoma
14363	SEC24A	5	134059281	melanoma
14364	CAMLG	5	134079737	melanoma
14365	DDX46	5	134131834	melanoma
14366	DDX46	5	134131834	melanoma
14367	PCBD2	5	134294793	melanoma
14368	CATSPER3	5	134303710	bladder
14369	PITX1	5	134364551	melanoma
14370	PITX1	5	134364551	melanoma
14371	PITX1	5	134367033	melanoma
14372	H2AFY	5	134670702	lung
14373	H2AFY	5	134686584	melanoma
14374	DCANP1	5	134782353	melanoma
14375	DCANP1	5	134782468	melanoma
14376	DCANP1	5	134782482	melanoma
14377	DCANP1	5	134782788	melanoma
14378	SLC25A48	5	135207290	melanoma
14379	SLC25A48	5	135207290	melanoma
14380	IL9	5	135228141	bladder
14381	TGFBI	5	135396568	melanoma
14382	TRPC7	5	135583291	melanoma
14383	TRPC7	5	135583304	melanoma

14384	TRPC7	5	135587547	melanoma
14385	TRPC7	5	135587556	melanoma
14386	TRPC7	5	135692370	melanoma
14387	TRPC7	5	135692544	melanoma
14388	TRPC7	5	135693039	lung
14389	SPOCK1	5	136328235	melanoma
14390	SPOCK1	5	136328235	melanoma
14391	KLHL3	5	136993906	Astr
14392	KLHL3	5	136993906	GCIMP_high
14393	KLHL3	5	136993906	IDHmut
14394	KLHL3	5	136993906	IDHmut_noncode1
14395	KLHL3	5	136993906	LGG GBM
14396	KLHL3	5	136993906	Proneural
14397	PKD2L2	5	137259143	melanoma
14398	FAM13B	5	137281599	melanoma
14399	BRD8	5	137486552	bladder
14400	BRD8	5	137504958	melanoma
14401	BRD8	5	137513285	melanoma
14402	KIF20A	5	137515434	melanoma
14403	KIF20A	5	137517195	melanoma
14404	CDC23	5	137548878	melanoma
14405	GFRA3	5	137589559	melanoma
14406	GFRA3	5	137589559	melanoma
14407	GFRA3	5	137589559	melanoma
14408	GFRA3	5	137595273	melanoma
14409	CDC25C	5	137621779	melanoma
14410	CDC25C	5	137622886	melanoma
14411	KDM3B	5	137715371	melanoma
14412	KDM3B	5	137727385	bladder
14413	KDM3B	5	137727425	melanoma
14414	KDM3B	5	137727689	melanoma
14415	KDM3B	5	137727689	melanoma
14416	KDM3B	5	137756464	melanoma
14417	KDM3B	5	137756464	melanoma
14418	KDM3B	5	137766038	lung
14419	KDM3B	5	137766038	lung
14420	EGR1	5	137802545	lung
14421	EGR1	5	137802596	melanoma
14422	EGR1	5	137802596	melanoma
14423	ETF1	5	137848503	melanoma
14424	CTNNA1	5	138145813	melanoma
14425	LRRTM2	5	138208860	melanoma
14426	SIL1	5	138456766	melanoma
14427	SLC23A1	5	138713935	melanoma
14428	PSD2	5	139193202	melanoma
14429	PSD2	5	139193202	melanoma
14430	NRG2	5	139228172	melanoma
14431	NRG2	5	139228172	melanoma
14432	NRG2	5	139422191	lung
14433	PURA	5	139494117	bladder
14434	PURA	5	139494117	bladder
14435	HBEGF	5	139722226	melanoma
14436	HBEGF	5	139722226	melanoma
14437	SLC4A9	5	139744024	melanoma
14438	SLC4A9	5	139751881	melanoma
14439	ID1;ANKHD1-EIF-	5	139905639	lung
14440	ID1;ANKHD1-EIF-	5	139917043	melanoma
14441	SRA1	5	139931605	melanoma

14442	SLC35A4	5	139947103	lung
14443	SLC35A4	5	139947103	lung
14444	SLC35A4	5	139947103	lung
14445	CD14	5	140011938	melanoma
14446	CD14	5	140012294	Astr
14447	CD14	5	140012294	Classic
14448	CD14	5	140012294	IDHwt
14449	CD14	5	140012294	LGG GBM
14450	CD14	5	140012294	Mesenchymal_like
14451	TMCO6	5	140021459	lung
14452	TMCO6	5	140023168	melanoma
14453	HARS	5	140056313	melanoma
14454	HARS	5	140056656	melanoma
14455	HARS	5	140056656	melanoma
14456	HARS2	5	140076825	melanoma
14457	PCDHA1	5	140166017	Classic
14458	PCDHA1	5	140166017	Classic_like
14459	PCDHA1	5	140166017	Gbm
14460	PCDHA1	5	140166017	IDHwt
14461	PCDHA1	5	140166017	IDHwt_priGBM
14462	PCDHA1	5	140166017	LGG GBM
14463	PCDHA1	5	140166966	lung
14464	PCDHA1	5	140166966	lung
14465	PCDHA1	5	140167200	melanoma
14466	PCDHA1	5	140167383	bladder
14467	PCDHA1	5	140167547	Classic_like
14468	PCDHA1	5	140167547	Gbm
14469	PCDHA1	5	140167547	IDHwt
14470	PCDHA1	5	140167547	IDHwt_priGBM
14471	PCDHA1	5	140167547	LGG GBM
14472	PCDHA1	5	140167547	Mesenchymal
14473	PCDHA2	5	140175498	melanoma
14474	PCDHA2	5	140175792	lung
14475	PCDHA2	5	140176672	melanoma
14476	PCDHA3	5	140180853	Gbm
14477	PCDHA3	5	140180853	IDHwt
14478	PCDHA3	5	140180853	IDHwt_priGBM
14479	PCDHA3	5	140180853	LGG GBM
14480	PCDHA3	5	140180853	LGm6_GBM
14481	PCDHA3	5	140180853	Mesenchymal
14482	PCDHA3	5	140181216	melanoma
14483	PCDHA3	5	140181344	melanoma
14484	PCDHA3	5	140181344	melanoma
14485	PCDHA3	5	140181344	melanoma
14486	PCDHA3	5	140181593	melanoma
14487	PCDHA3	5	140181726	melanoma
14488	PCDHA3	5	140181962	melanoma
14489	PCDHA3	5	140182296	melanoma
14490	PCDHA4	5	140186925	lung
14491	PCDHA4	5	140187331	melanoma
14492	PCDHA4	5	140187331	melanoma
14493	PCDHA4	5	140187529	melanoma
14494	PCDHA4	5	140188444	melanoma
14495	PCDHA5	5	140201392	melanoma
14496	PCDHA5	5	140201469	melanoma
14497	PCDHA5	5	140202183	melanoma
14498	PCDHA5	5	140202306	melanoma
14499	PCDHA5	5	140202723	Classic

14500	PCDHA5	5	140202723	Classic like
14501	PCDHA5	5	140202723	Gbm
14502	PCDHA5	5	140202723	LGG GBM
14503	PCDHA5	5	140202985	hnscc
14504	PCDHA5	5	140202985	hnscc
14505	PCDHA5	5	140203180	melanoma
14506	PCDHA5	5	140203743	melanoma
14507	PCDHA6	5	140209817	Astr
14508	PCDHA6	5	140209817	IDHwt
14509	PCDHA6	5	140209817	LGG GBM
14510	PCDHA6	5	140209817	Neural
14511	PCDHA6	5	140209817	PA_like
14512	PCDHA6	5	140209834	melanoma
14513	PCDHA7	5	140215715	Classic
14514	PCDHA7	5	140215715	Gbm
14515	PCDHA7	5	140215715	IDHwt
14516	PCDHA7	5	140215715	IDHwt_priGBM
14517	PCDHA7	5	140215715	LGG GBM
14518	PCDHA8	5	140222420	melanoma
14519	PCDHA8	5	140222729	melanoma
14520	PCDHA8	5	140222729	melanoma
14521	PCDHA8	5	140222780	Classic
14522	PCDHA8	5	140222780	Gbm
14523	PCDHA8	5	140222780	IDHwt
14524	PCDHA8	5	140222780	IDHwt_priGBM
14525	PCDHA8	5	140222780	LGG GBM
14526	PCDHA8	5	140222821	melanoma
14527	PCDHA9	5	140229393	Classic
14528	PCDHA9	5	140229393	Gbm
14529	PCDHA9	5	140229393	IDHwt
14530	PCDHA9	5	140229393	IDHwt_priGBM
14531	PCDHA9	5	140229393	LGG GBM
14532	PCDHA9	5	140229393	Mesenchymal_like
14533	PCDHA9	5	140229608	lung
14534	PCDHA10	5	140235688	melanoma
14535	PCDHA10	5	140236247	melanoma
14536	PCDHA10	5	140236456	melanoma
14537	PCDHA10	5	140236456	melanoma
14538	PCDHA10	5	140236799	melanoma
14539	PCDHA10	5	140236799	melanoma
14540	PCDHA10	5	140237518	melanoma
14541	PCDHA11	5	140249809	melanoma
14542	PCDHA11	5	140249809	melanoma
14543	PCDHA11	5	140249809	melanoma
14544	PCDHA11	5	140249809	melanoma
14545	PCDHA11	5	140250765	melanoma
14546	PCDHA11	5	140250765	melanoma
14547	PCDHA12	5	140255988	melanoma
14548	PCDHA12	5	140256672	melanoma
14549	PCDHA12	5	140256808	bladder
14550	PCDHA13	5	140262046	hnscc
14551	PCDHA13	5	140262274	melanoma
14552	PCDHA13	5	140262754	bladder
14553	PCDHA13	5	140263154	melanoma
14554	PCDHA13	5	140263154	melanoma
14555	PCDHA13	5	140263417	melanoma
14556	PCDHA13	5	140263481	Gbm
14557	PCDHA13	5	140263481	Gbm

14558	PCDHA13	5	140263481	IDHwt
14559	PCDHA13	5	140263481	IDHwt
14560	PCDHA13	5	140263481	IDHwt_priGBM
14561	PCDHA13	5	140263481	IDHwt_priGBM
14562	PCDHA13	5	140263481	LGG GBM
14563	PCDHA13	5	140263481	LGG GBM
14564	PCDHA13	5	140263481	Mesenchymal_like
14565	PCDHA13	5	140263481	Mesenchymal_like
14566	PCDHA13	5	140263481	Proneural
14567	PCDHA13	5	140263481	Proneural
14568	PCDHA13	5	140263516	Classic
14569	PCDHA13	5	140263516	Classic_like
14570	PCDHA13	5	140263516	Gbm
14571	PCDHA13	5	140263516	IDHwt
14572	PCDHA13	5	140263516	IDHwt_priGBM
14573	PCDHA13	5	140263516	LGG GBM
14574	PCDHA13	5	140263838	Classic
14575	PCDHA13	5	140263838	Classic
14576	PCDHA13	5	140263838	Classic_like
14577	PCDHA13	5	140263838	Classic_like
14578	PCDHA13	5	140263838	Gbm
14579	PCDHA13	5	140263838	Gbm
14580	PCDHA13	5	140263838	IDHwt
14581	PCDHA13	5	140263838	IDHwt
14582	PCDHA13	5	140263838	IDHwt_priGBM
14583	PCDHA13	5	140263838	IDHwt_priGBM
14584	PCDHA13	5	140263838	LGG GBM
14585	PCDHA13	5	140263838	LGG GBM
14586	PCDHA13	5	140264174	melanoma
14587	PCDHAC1	5	140307381	melanoma
14588	PCDHAC1	5	140307682	melanoma
14589	PCDHAC1	5	140307693	melanoma
14590	PCDHAC1	5	140307820	melanoma
14591	PCDHAC1	5	140308012	melanoma
14592	PCDHAC1	5	140308552	melanoma
14593	PCDHAC1	5	140308552	melanoma
14594	PCDHAC1	5	140308926	melanoma
14595	PCDHAC2	5	140346796	melanoma
14596	PCDHAC2	5	140346796	melanoma
14597	PCDHB1	5	140431977	melanoma
14598	PCDHB1	5	140432383	melanoma
14599	PCDHB1	5	140432677	melanoma
14600	PCDHB1	5	140432961	lung
14601	PCDHB1	5	140433006	melanoma
14602	PCDHB1	5	140433396	melanoma
14603	PCDHB1	5	140433396	melanoma
14604	PCDHB2	5	140474682	melanoma
14605	PCDHB2	5	140474789	melanoma
14606	PCDHB2	5	140474789	melanoma
14607	PCDHB2	5	140475273	melanoma
14608	PCDHB2	5	140475284	melanoma
14609	PCDHB2	5	140475875	Gbm
14610	PCDHB2	5	140475875	Gbm
14611	PCDHB2	5	140475875	Gbm
14612	PCDHB2	5	140475875	IDHwt
14613	PCDHB2	5	140475875	IDHwt
14614	PCDHB2	5	140475875	IDHwt
14615	PCDHB2	5	140475875	IDHwt_priGBM

14616	PCDHB2	5	140475875	IDHwt_priGBM
14617	PCDHB2	5	140475875	IDHwt_priGBM
14618	PCDHB2	5	140475875	LGG GBM
14619	PCDHB2	5	140475875	LGG GBM
14620	PCDHB2	5	140475875	LGG GBM
14621	PCDHB2	5	140475875	Mesenchymal
14622	PCDHB2	5	140475875	Mesenchymal
14623	PCDHB2	5	140475875	Mesenchymal
14624	PCDHB2	5	140475962	melanoma
14625	PCDHB3	5	140480322	melanoma
14626	PCDHB3	5	140480405	melanoma
14627	PCDHB3	5	140480642	melanoma
14628	PCDHB3	5	140480642	melanoma
14629	PCDHB3	5	140480760	melanoma
14630	PCDHB3	5	140480760	melanoma
14631	PCDHB3	5	140480856	melanoma
14632	PCDHB3	5	140480856	melanoma
14633	PCDHB3	5	140481066	melanoma
14634	PCDHB3	5	140481066	melanoma
14635	PCDHB3	5	140481747	melanoma
14636	PCDHB3	5	140481747	melanoma
14637	PCDHB3	5	140481839	Codel
14638	PCDHB3	5	140481839	IDHmut
14639	PCDHB3	5	140481839	IDHmut_codel
14640	PCDHB3	5	140481839	LGG GBM
14641	PCDHB3	5	140481839	Neural
14642	PCDHB3	5	140481839	Oligo
14643	PCDHB3	5	140482266	Astr
14644	PCDHB3	5	140482266	Astr
14645	PCDHB3	5	140482266	Astr
14646	PCDHB3	5	140482266	Classic
14647	PCDHB3	5	140482266	Classic
14648	PCDHB3	5	140482266	Classic
14649	PCDHB3	5	140482266	IDHwt
14650	PCDHB3	5	140482266	IDHwt
14651	PCDHB3	5	140482266	IDHwt
14652	PCDHB3	5	140482266	LGG GBM
14653	PCDHB3	5	140482266	LGG GBM
14654	PCDHB3	5	140482266	LGG GBM
14655	PCDHB3	5	140482266	Mesenchymal_like
14656	PCDHB3	5	140482266	Mesenchymal_like
14657	PCDHB3	5	140482266	Mesenchymal_like
14658	PCDHB3	5	140482344	melanoma
14659	PCDHB3	5	140482344	melanoma
14660	PCDHB4	5	140502505	melanoma
14661	PCDHB4	5	140502563	melanoma
14662	PCDHB4	5	140503060	melanoma
14663	PCDHB5	5	140515474	melanoma
14664	PCDHB5	5	140517019	Gbm
14665	PCDHB5	5	140517019	Gbm
14666	PCDHB5	5	140517019	Gbm
14667	PCDHB5	5	140517019	IDHwt
14668	PCDHB5	5	140517019	IDHwt
14669	PCDHB5	5	140517019	IDHwt
14670	PCDHB5	5	140517019	IDHwt_priGBM
14671	PCDHB5	5	140517019	IDHwt_priGBM
14672	PCDHB5	5	140517019	IDHwt_priGBM
14673	PCDHB5	5	140517019	LGG GBM

14674	PCDHB5	5	140517019	LGG GBM
14675	PCDHB5	5	140517019	LGG GBM
14676	PCDHB5	5	140517019	Mesenchymal_like
14677	PCDHB5	5	140517019	Mesenchymal_like
14678	PCDHB5	5	140517019	Mesenchymal_like
14679	PCDHB5	5	140517019	Neural
14680	PCDHB5	5	140517019	Neural
14681	PCDHB5	5	140517019	Neural
14682	PCDHB5	5	140517129	IDHwt_priGBM2
14683	PCDHB6	5	140530602	lung
14684	PCDHB6	5	140530763	melanoma
14685	PCDHB6	5	140531409	melanoma
14686	PCDHB6	5	140531462	melanoma
14687	PCDHB6	5	140531462	melanoma
14688	PCDHB6	5	140531986	bladder
14689	PCDHB6	5	140531986	bladder
14690	PCDHB7	5	140552846	melanoma
14691	PCDHB7	5	140552859	melanoma
14692	PCDHB7	5	140553276	bladder
14693	PCDHB7	5	140553276	bladder
14694	PCDHB7	5	140554382	Classic
14695	PCDHB7	5	140554382	Gbm
14696	PCDHB7	5	140554382	IDHwt
14697	PCDHB7	5	140554382	IDHwt_priGBM
14698	PCDHB7	5	140554382	LGG GBM
14699	PCDHB7	5	140554464	melanoma
14700	PCDHB7	5	140554574	melanoma
14701	PCDHB7	5	140554574	melanoma
14702	PCDHB7	5	140554664	melanoma
14703	PCDHB8	5	140558153	melanoma
14704	PCDHB8	5	140558546	melanoma
14705	PCDHB8	5	140558982	melanoma
14706	PCDHB8	5	140559104	melanoma
14707	PCDHB8	5	140559182	melanoma
14708	PCDHB8	5	140559182	melanoma
14709	PCDHB16	5	140562967	melanoma
14710	PCDHB16	5	140563690	melanoma
14711	PCDHB16	5	140563690	melanoma
14712	PCDHB10	5	140572490	melanoma
14713	PCDHB10	5	140572688	Astr
14714	PCDHB10	5	140572688	IDHwt
14715	PCDHB10	5	140572688	LGG GBM
14716	PCDHB10	5	140572688	PA_like
14717	PCDHB10	5	140573189	melanoma
14718	PCDHB10	5	140573608	melanoma
14719	PCDHB10	5	140573621	melanoma
14720	PCDHB12	5	140588967	melanoma
14721	PCDHB12	5	140590656	melanoma
14722	PCDHB12	5	140590656	melanoma
14723	PCDHB13	5	140594221	lung
14724	PCDHB13	5	140594221	lung
14725	PCDHB13	5	140594221	lung
14726	PCDHB13	5	140594458	melanoma
14727	PCDHB13	5	140594885	Astr
14728	PCDHB13	5	140594885	IDHwt
14729	PCDHB13	5	140594885	LGG GBM
14730	PCDHB13	5	140594885	Mesenchymal
14731	PCDHB13	5	140594885	Mesenchymal_like

14732	PCDHB13	5	140595846	lung
14733	PCDHB14	5	140603885	melanoma
14734	PCDHB14	5	140604426	melanoma
14735	PCDHB15	5	140625318	melanoma
14736	PCDHB15	5	140626087	melanoma
14737	PCDHB15	5	140626087	melanoma
14738	PCDHB15	5	140626087	melanoma
14739	PCDHB15	5	140626215	melanoma
14740	PCDHB15	5	140626879	melanoma
14741	PCDHB15	5	140627496	melanoma
14742	SLC25A2	5	140683181	lung
14743	SLC25A2	5	140683181	lung
14744	SLC25A2	5	140683181	lung
14745	PCDHGA1	5	140710709	melanoma
14746	PCDHGA1	5	140711008	melanoma
14747	PCDHGA1	5	140711827	Codel
14748	PCDHGA1	5	140711827	IDHmut
14749	PCDHGA1	5	140711827	IDHmut_codel
14750	PCDHGA1	5	140711827	LGG GBM
14751	PCDHGA1	5	140711827	Neural
14752	PCDHGA1	5	140711827	Oligo
14753	PCDHGA1	5	140712400	Gbm
14754	PCDHGA1	5	140712400	IDHwt
14755	PCDHGA1	5	140712400	IDHwt_priGBM
14756	PCDHGA1	5	140712400	LGG GBM
14757	PCDHGA1	5	140712400	Mesenchymal
14758	PCDHGA1	5	140712400	Mesenchymal_like
14759	PCDHGA2	5	140718843	melanoma
14760	PCDHGA2	5	140719272	melanoma
14761	PCDHGA2	5	140719806	melanoma
14762	PCDHGA2	5	140719806	melanoma
14763	PCDHGA2	5	140719965	melanoma
14764	PCDHGA2	5	140720666	melanoma
14765	PCDHGA3	5	140723803	melanoma
14766	PCDHGA3	5	140723827	melanoma
14767	PCDHGA3	5	140725555	melanoma
14768	PCDHGA3	5	140725555	melanoma
14769	PCDHGB1	5	140731925	melanoma
14770	PCDHGB1	5	140731925	melanoma
14771	PCDHGA4	5	140735302	melanoma
14772	PCDHGA4	5	140735389	melanoma
14773	PCDHGB2	5	140740772	melanoma
14774	PCDHGB2	5	140740772	melanoma
14775	PCDHGB2	5	140742098	melanoma
14776	PCDHGA5	5	140744613	Astr
14777	PCDHGA5	5	140744613	Astr
14778	PCDHGA5	5	140744613	IDHwt
14779	PCDHGA5	5	140744613	IDHwt
14780	PCDHGA5	5	140744613	LGG GBM
14781	PCDHGA5	5	140744613	LGG GBM
14782	PCDHGA5	5	140744613	Mesenchymal
14783	PCDHGA5	5	140744613	Mesenchymal
14784	PCDHGA5	5	140744613	Mesenchymal_like
14785	PCDHGA5	5	140744613	Mesenchymal_like
14786	PCDHGA5	5	140744984	melanoma
14787	PCDHGB3	5	140750527	Astr
14788	PCDHGB3	5	140750527	GCIMP_high
14789	PCDHGB3	5	140750527	IDHmut

14790	PCDHGB3	5	140750527	IDHmut_noncodel
14791	PCDHGB3	5	140750527	LGG GBM
14792	PCDHGB3	5	140751397	melanoma
14793	PCDHGB3	5	140751397	melanoma
14794	PCDHGB3	5	140751480	Classic
14795	PCDHGB3	5	140751480	Classic_like
14796	PCDHGB3	5	140751480	Gbm
14797	PCDHGB3	5	140751480	IDHwt
14798	PCDHGB3	5	140751480	IDHwt_priGBM
14799	PCDHGB3	5	140751480	LGG GBM
14800	PCDHGB3	5	140751565	lung
14801	PCDHGB3	5	140751919	melanoma
14802	PCDHGA6	5	140754314	melanoma
14803	PCDHGA6	5	140754493	melanoma
14804	PCDHGA6	5	140754887	melanoma
14805	PCDHGA6	5	140755176	melanoma
14806	PCDHGA6	5	140755176	melanoma
14807	PCDHGB4	5	140768113	melanoma
14808	PCDHGB4	5	140768113	melanoma
14809	PCDHGB4	5	140768169	melanoma
14810	PCDHGB4	5	140769313	Gbm
14811	PCDHGB4	5	140769313	IDHwt
14812	PCDHGB4	5	140769313	IDHwt_priGBM
14813	PCDHGB4	5	140769313	LGG GBM
14814	PCDHGB4	5	140769313	Mesenchymal
14815	PCDHGA9	5	140784684	melanoma
14816	PCDHGA9	5	140784684	melanoma
14817	PCDHGA9	5	140784909	melanoma
14818	PCDHGB6	5	140788951	Classic_like
14819	PCDHGB6	5	140788951	Gbm
14820	PCDHGB6	5	140788951	IDHwt
14821	PCDHGB6	5	140788951	IDHwt_priGBM
14822	PCDHGB6	5	140788951	LGG GBM
14823	PCDHGB6	5	140789333	melanoma
14824	PCDHGA11	5	140802272	Gbm
14825	PCDHGA11	5	140802272	IDHwt
14826	PCDHGA11	5	140802272	IDHwt_priGBM
14827	PCDHGA11	5	140802272	LGG GBM
14828	PCDHGA11	5	140802272	LGm6_GBM
14829	PCDHGA11	5	140802272	Mesenchymal
14830	PCDHGA11	5	140802655	melanoma
14831	PCDHGC3	5	140857629	melanoma
14832	PCDHGC3	5	140857629	melanoma
14833	PCDHGC4	5	140866490	melanoma
14834	PCDHGC5	5	140870213	melanoma
14835	PCDHGC5	5	140871058	Codel
14836	PCDHGC5	5	140871058	IDHmut
14837	PCDHGC5	5	140871058	IDHmut_codel
14838	PCDHGC5	5	140871058	LGG GBM
14839	PCDHGC5	5	140871058	Oligo
14840	DIAPH1	5	140953168	melanoma
14841	DIAPH1	5	140960402	melanoma
14842	FCHSD1	5	141029038	Gbm
14843	FCHSD1	5	141029038	IDHwt
14844	FCHSD1	5	141029038	IDHwt_priGBM
14845	FCHSD1	5	141029038	LGG GBM
14846	FCHSD1	5	141029038	Proneural
14847	ARAP3	5	141052403	melanoma

14848	ARAP3	5	141052625	melanoma
14849	ARAP3	5	141059617	melanoma
14850	KIAA0141	5	141309189	melanoma
14851	KIAA0141	5	141309789	melanoma
14852	PCDH12	5	141325159	GCIMP_high
14853	PCDH12	5	141325159	IDHmut
14854	PCDH12	5	141325159	IDHmut_noncodel
14855	PCDH12	5	141325159	LGG GBM
14856	PCDH12	5	141325159	OligoAstr
14857	PCDH12	5	141336680	lung
14858	PCDH12	5	141336680	lung
14859	PCDH12	5	141337307	melanoma
14860	RNF14	5	141359694	lung
14861	GNPDA1	5	141387367	melanoma
14862	NDFIP1	5	141511419	Classic_like
14863	NDFIP1	5	141511419	IDHwt
14864	NDFIP1	5	141511419	LGG GBM
14865	SPRY4	5	141693949	melanoma
14866	SPRY4	5	141694159	melanoma
14867	SPRY4	5	141694699	melanoma
14868	ARHGAP26	5	142586938	melanoma
14869	ARHGAP26	5	142586938	melanoma
14870	ARHGAP26	5	142586938	melanoma
14871	NR3C1	5	142662169	bladder
14872	KCTD16	5	143586570	Gbm
14873	KCTD16	5	143586570	IDHwt
14874	KCTD16	5	143586570	IDHwt_priGBM
14875	KCTD16	5	143586570	LGG GBM
14876	KCTD16	5	143586570	Mesenchymal_like
14877	KCTD16	5	143853232	melanoma
14878	KCTD16	5	143853232	melanoma
14879	KCTD16	5	143853549	melanoma
14880	KCTD16	5	143853651	melanoma
14881	GRXCR2	5	145252455	melanoma
14882	SH3RF2	5	145383624	melanoma
14883	SH3RF2	5	145393464	melanoma
14884	SH3RF2	5	145393464	melanoma
14885	SH3RF2	5	145435749	melanoma
14886	SH3RF2	5	145439459	melanoma
14887	SH3RF2	5	145439612	melanoma
14888	SH3RF2	5	145442029	melanoma
14889	SH3RF2	5	145442185	IDHwt_priGBM2
14890	LARS	5	145537151	melanoma
14891	LARS	5	145537151	melanoma
14892	RBM27	5	145631304	melanoma
14893	RBM27	5	145631315	lung
14894	POU4F3	5	145719400	lung
14895	POU4F3	5	145719841	Codel
14896	POU4F3	5	145719841	IDHmut
14897	POU4F3	5	145719841	IDHmut_codel
14898	POU4F3	5	145719841	LGG GBM
14899	POU4F3	5	145719841	Oligo
14900	POU4F3	5	145719841	Proneural
14901	PPP2R2B	5	145969670	melanoma
14902	PPP2R2B	5	146030179	melanoma
14903	PPP2R2B	5	146080658	melanoma
14904	JAKMIP2	5	147011044	lung
14905	JAKMIP2	5	147012259	Gbm

14906	JAKMIP2	5	147012259	IDHwt
14907	JAKMIP2	5	147012259	IDHwt_priGBM
14908	JAKMIP2	5	147012259	LGG GBM
14909	JAKMIP2	5	147012259	Mesenchymal_like
14910	JAKMIP2	5	147016563	melanoma
14911	JAKMIP2	5	147030062	melanoma
14912	SPINK5	5	147488384	melanoma
14913	SPINK5	5	147491350	IDHwt
14914	SPINK5	5	147491350	IDHwt
14915	SPINK5	5	147491350	LGG GBM
14916	SPINK5	5	147491350	LGG GBM
14917	SPINK5	5	147491350	Mesenchymal_like
14918	SPINK5	5	147491350	Mesenchymal_like
14919	SPINK5	5	147491350	Neural
14920	SPINK5	5	147491350	Neural
14921	SPINK5	5	147491350	OligoAstr
14922	SPINK5	5	147491350	OligoAstr
14923	SPINK5	5	147503463	melanoma
14924	SPINK5	5	147510945	melanoma
14925	FBXO38	5	147784293	Classic
14926	FBXO38	5	147784293	Classic_like
14927	FBXO38	5	147784293	Gbm
14928	FBXO38	5	147784293	IDHwt
14929	FBXO38	5	147784293	IDHwt_priGBM
14930	FBXO38	5	147784293	LGG GBM
14931	FBXO38	5	147785901	lung
14932	FBXO38	5	147806866	melanoma
14933	SH3TC2	5	148392295	melanoma
14934	SH3TC2	5	148406963	melanoma
14935	SH3TC2	5	148407785	melanoma
14936	SH3TC2	5	148411219	melanoma
14937	SH3TC2	5	148420202	lung
14938	SH3TC2	5	148424142	lung
14939	SH3TC2	5	148424194	lung
14940	ABLIM3	5	148627460	melanoma
14941	ABLIM3	5	148637907	Gbm
14942	ABLIM3	5	148637907	IDHwt
14943	ABLIM3	5	148637907	IDHwt_priGBM
14944	ABLIM3	5	148637907	LGG GBM
14945	ABLIM3	5	148637907	LGm6_GBM
14946	ABLIM3	5	148637907	Mesenchymal
14947	AFAP1L1	5	148679881	melanoma
14948	AFAP1L1	5	148697327	melanoma
14949	PCYOX1L	5	148748113	lung
14950	PCYOX1L	5	148748113	lung
14951	PCYOX1L	5	148748120	melanoma
14952	IL17B	5	148756431	melanoma
14953	PDE6A	5	149264345	melanoma
14954	PDE6A	5	149265912	Classic
14955	PDE6A	5	149265912	Classic_like
14956	PDE6A	5	149265912	Gbm
14957	PDE6A	5	149265912	IDHwt
14958	PDE6A	5	149265912	IDHwt_priGBM
14959	PDE6A	5	149265912	LGG GBM
14960	PDE6A	5	149274831	melanoma
14961	PDE6A	5	149283228	melanoma
14962	HMGXB3	5	149403890	melanoma
14963	CSF1R	5	149460447	melanoma

14964	CSF1R	5	149460543	melanoma
14965	CSF1R	5	149460543	melanoma
14966	PDGFRB	5	149506133	melanoma
14967	PDGFRB	5	149506133	melanoma
14968	PDGFRB	5	149506150	lung
14969	CAMK2A	5	149627337	melanoma
14970	CAMK2A	5	149631315	lung
14971	ARSI	5	149677330	Astr
14972	ARSI	5	149677330	GCIMP_high
14973	ARSI	5	149677330	IDHmut
14974	ARSI	5	149677330	IDHmut_noncodel
14975	ARSI	5	149677330	LGG GBM
14976	ARSI	5	149677330	Proneural
14977	ARSI	5	149677472	Classic_like
14978	ARSI	5	149677472	Gbm
14979	ARSI	5	149677472	IDHwt
14980	ARSI	5	149677472	IDHwt_priGBM
14981	ARSI	5	149677472	LGG GBM
14982	TCOF1	5	149754578	melanoma
14983	TCOF1	5	149755774	melanoma
14984	TCOF1	5	149755774	melanoma
14985	NDST1	5	149907463	melanoma
14986	NDST1	5	149907463	melanoma
14987	NDST1	5	149907519	hnsc
14988	NDST1	5	149907550	melanoma
14989	NDST1	5	149907550	melanoma
14990	NDST1	5	149915331	IDHwt
14991	NDST1	5	149915331	LGG GBM
14992	NDST1	5	149915331	Oligo
14993	NDST1	5	149915331	PA_like
14994	TNIP1	5	150443225	melanoma
14995	TNIP1	5	150444607	melanoma
14996	TNIP1	5	150444608	melanoma
14997	SLC36A3	5	150657073	melanoma
14998	SLC36A3	5	150657073	melanoma
14999	SLC36A3	5	150666868	melanoma
15000	SLC36A3	5	150666980	melanoma
15001	SLC36A2	5	150696548	melanoma
15002	SLC36A2	5	150701648	melanoma
15003	SLC36A2	5	150704898	Gbm
15004	SLC36A2	5	150704898	IDHwt
15005	SLC36A2	5	150704898	IDHwt_priGBM
15006	SLC36A2	5	150704898	LGG GBM
15007	SLC36A2	5	150704898	Mesenchymal_like
15008	SLC36A2	5	150722501	melanoma
15009	FAT2	5	150921911	Astr
15010	FAT2	5	150921911	IDHwt
15011	FAT2	5	150921911	LGG GBM
15012	FAT2	5	150921911	Mesenchymal
15013	FAT2	5	150921911	Mesenchymal_like
15014	FAT2	5	150922530	Classic_like
15015	FAT2	5	150922530	Classic_like
15016	FAT2	5	150922530	Classic_like
15017	FAT2	5	150922530	Gbm
15018	FAT2	5	150922530	Gbm
15019	FAT2	5	150922530	Gbm
15020	FAT2	5	150922530	IDHwt
15021	FAT2	5	150922530	IDHwt

15022	FAT2	5	150922530	IDHwt
15023	FAT2	5	150922530	IDHwt_priGBM
15024	FAT2	5	150922530	IDHwt_priGBM
15025	FAT2	5	150922530	IDHwt_priGBM
15026	FAT2	5	150922530	LGG GBM
15027	FAT2	5	150922530	LGG GBM
15028	FAT2	5	150922530	LGG GBM
15029	FAT2	5	150922530	Mesenchymal
15030	FAT2	5	150922530	Mesenchymal
15031	FAT2	5	150922530	Mesenchymal
15032	FAT2	5	150922806	melanoma
15033	FAT2	5	150923330	bladder
15034	FAT2	5	150924188	melanoma
15035	FAT2	5	150924794	GCIMP_high
15036	FAT2	5	150924794	GCIMP_high
15037	FAT2	5	150924794	IDHmut
15038	FAT2	5	150924794	IDHmut
15039	FAT2	5	150924794	IDHmut_noncodel
15040	FAT2	5	150924794	IDHmut_noncodel
15041	FAT2	5	150924794	LGG GBM
15042	FAT2	5	150924794	LGG GBM
15043	FAT2	5	150924794	Oligo
15044	FAT2	5	150924794	Oligo
15045	FAT2	5	150924794	Proneural
15046	FAT2	5	150924794	Proneural
15047	FAT2	5	150925268	melanoma
15048	FAT2	5	150925268	melanoma
15049	FAT2	5	150925268	melanoma
15050	FAT2	5	150925628	melanoma
15051	FAT2	5	150925628	melanoma
15052	FAT2	5	150925628	melanoma
15053	FAT2	5	150925628	melanoma
15054	FAT2	5	150925628	melanoma
15055	FAT2	5	150925629	melanoma
15056	FAT2	5	150925629	melanoma
15057	FAT2	5	150932752	Codel
15058	FAT2	5	150932752	IDHmut
15059	FAT2	5	150932752	IDHmut_codel
15060	FAT2	5	150932752	LGG GBM
15061	FAT2	5	150932752	Oligo
15062	FAT2	5	150932869	GCIMP_high
15063	FAT2	5	150932869	IDHmut
15064	FAT2	5	150932869	IDHmut_noncodel
15065	FAT2	5	150932869	LGG GBM
15066	FAT2	5	150932869	OligoAstr
15067	FAT2	5	150946644	melanoma
15068	FAT2	5	150946941	melanoma
15069	FAT2	5	150947031	melanoma
15070	FAT2	5	150947078	melanoma
15071	FAT2	5	150947457	lung
15072	FAT2	5	150947475	Gbm
15073	FAT2	5	150947475	IDHwt
15074	FAT2	5	150947475	IDHwt_priGBM
15075	FAT2	5	150947475	LGG GBM
15076	FAT2	5	150947475	Mesenchymal
15077	FAT2	5	150947475	Mesenchymal_like
15078	SPARC	5	151045995	bladder
15079	SPARC	5	151045995	bladder

15080	SPARC	5	151052758	melanoma
15081	G3BP1	5	151166198	melanoma
15082	G3BP1	5	151180343	Classic_like
15083	G3BP1	5	151180343	Gbm
15084	G3BP1	5	151180343	IDHwt
15085	G3BP1	5	151180343	IDHwt_priGBM
15086	G3BP1	5	151180343	LGG GBM
15087	G3BP1	5	151180343	Mesenchymal
15088	G3BP1	5	151180359	bladder
15089	GLRA1	5	151202285	lung
15090	GLRA1	5	151234735	melanoma
15091	NMUR2	5	151784050	melanoma
15092	NMUR2	5	151784050	melanoma
15093	NMUR2	5	151784191	lung
15094	NMUR2	5	151784191	lung
15095	NMUR2	5	151784191	lung
15096	NMUR2	5	151784239	lung
15097	NMUR2	5	151784239	lung
15098	NMUR2	5	151784239	lung
15099	NMUR2	5	151784292	melanoma
15100	NMUR2	5	151784343	melanoma
15101	GRIA1	5	153078487	melanoma
15102	GRIA1	5	153085279	melanoma
15103	GRIA1	5	153149769	melanoma
15104	FAM114A2	5	153377370	melanoma
15105	FAM114A2	5	153381818	bladder
15106	FAM114A2	5	153406770	melanoma
15107	FAXDC2	5	154199992	melanoma
15108	GEMIN5	5	154271215	melanoma
15109	GEMIN5	5	154275876	melanoma
15110	GEMIN5	5	154291355	melanoma
15111	GEMIN5	5	154292544	melanoma
15112	MRPL22	5	154346252	melanoma
15113	KIF4B	5	154393550	melanoma
15114	KIF4B	5	154395374	Gbm
15115	KIF4B	5	154395374	IDHwt
15116	KIF4B	5	154395374	IDHwt_priGBM
15117	KIF4B	5	154395374	LGG GBM
15118	KIF4B	5	154395374	Neural
15119	KIF4B	5	154396156	melanoma
15120	KIF4B	5	154396930	melanoma
15121	SGCD	5	156022047	bladder
15122	TIMD4	5	156378727	melanoma
15123	TIMD4	5	156381626	Classic_like
15124	TIMD4	5	156381626	Gbm
15125	TIMD4	5	156381626	IDHwt
15126	TIMD4	5	156381626	IDHwt_priGBM
15127	TIMD4	5	156381626	LGG GBM
15128	TIMD4	5	156381692	melanoma
15129	MED7	5	156565977	melanoma
15130	MED7	5	156565977	melanoma
15131	FAM71B	5	156590657	melanoma
15132	FAM71B	5	156592647	lung
15133	ITK	5	156672953	melanoma
15134	CYFIP2	5	156712463	melanoma
15135	CYFIP2	5	156721804	melanoma
15136	CYFIP2	5	156734795	melanoma
15137	CYFIP2	5	156752637	melanoma

15138	NIPAL4	5	156899426	melanoma
15139	NIPAL4	5	156899761	bladder
15140	NIPAL4	5	156899850	GCIMP_high
15141	NIPAL4	5	156899850	IDHmut
15142	NIPAL4	5	156899850	IDHmut_noncodel
15143	NIPAL4	5	156899850	LGG GBM
15144	SOX30	5	157053665	melanoma
15145	SOX30	5	157075805	melanoma
15146	SOX30	5	157078764	lung
15147	CLINT1	5	157241269	melanoma
15148	CLINT1	5	157243775	melanoma
15149	CLINT1	5	157244524	melanoma
15150	CLINT1	5	157244532	melanoma
15151	EBF1	5	158250240	lung
15152	EBF1	5	158523369	Gbm
15153	EBF1	5	158523369	IDHwt
15154	EBF1	5	158523369	IDHwt_priGBM
15155	EBF1	5	158523369	LGG GBM
15156	EBF1	5	158523369	Mesenchymal
15157	EBF1	5	158523369	Mesenchymal_like
15158	RNF145	5	158586018	melanoma
15159	RNF145	5	158595927	melanoma
15160	RNF145	5	158595927	melanoma
15161	RNF145	5	158601111	GCIMP_high
15162	RNF145	5	158601111	IDHmut
15163	RNF145	5	158601111	IDHmut_noncodel
15164	RNF145	5	158601111	LGG GBM
15165	RNF145	5	158601111	OligoAstr
15166	RNF145	5	158601111	Proneural
15167	IL12B	5	158743808	Gbm
15168	IL12B	5	158743808	IDHwt
15169	IL12B	5	158743808	IDHwt_priGBM
15170	IL12B	5	158743808	LGG GBM
15171	IL12B	5	158743808	Mesenchymal_like
15172	IL12B	5	158749517	melanoma
15173	PWWP2A	5	159520491	hnsc
15174	ATP10B	5	160042950	Classic
15175	ATP10B	5	160042950	IDHwt
15176	ATP10B	5	160042950	LGG GBM
15177	ATP10B	5	160042950	Mesenchymal_like
15178	ATP10B	5	160042950	OligoAstr
15179	ATP10B	5	160047404	melanoma
15180	ATP10B	5	160071198	melanoma
15181	ATP10B	5	160113195	melanoma
15182	ATP10B	5	160113195	melanoma
15183	GABRB2	5	160758069	melanoma
15184	GABRB2	5	160758095	Astr
15185	GABRB2	5	160758095	GCIMP_high
15186	GABRB2	5	160758095	IDHmut
15187	GABRB2	5	160758095	IDHmut_noncodel
15188	GABRB2	5	160758095	LGG GBM
15189	GABRB2	5	160758095	Mesenchymal
15190	GABRB2	5	160761908	melanoma
15191	GABRB2	5	160886715	melanoma
15192	GABRA6	5	161113339	Classic
15193	GABRA6	5	161113339	Gbm
15194	GABRA6	5	161113339	IDHwt
15195	GABRA6	5	161113339	IDHwt_priGBM

15196	GABRA6	5	161113339	LGG GBM
15197	GABRA6	5	161113339	Mesenchymal_like
15198	GABRA6	5	161116303	melanoma
15199	GABRA6	5	161116737	Classic
15200	GABRA6	5	161116737	Classic_like
15201	GABRA6	5	161116737	Gbm
15202	GABRA6	5	161116737	IDHwt
15203	GABRA6	5	161116737	IDHwt_priGBM
15204	GABRA6	5	161116737	LGG GBM
15205	GABRA6	5	161128669	melanoma
15206	GABRA1	5	161317993	melanoma
15207	GABRA1	5	161318012	melanoma
15208	GABRA1	5	161318012	melanoma
15209	GABRA1	5	161324264	Classic
15210	GABRA1	5	161324264	Classic_like
15211	GABRA1	5	161324264	Gbm
15212	GABRA1	5	161324264	IDHwt
15213	GABRA1	5	161324264	IDHwt_priGBM
15214	GABRA1	5	161324264	LGG GBM
15215	GABRA1	5	161324340	Astr
15216	GABRA1	5	161324340	Classic
15217	GABRA1	5	161324340	IDHwt
15218	GABRA1	5	161324340	LGG GBM
15219	GABRA1	5	161324340	Mesenchymal_like
15220	GABRG2	5	161495064	melanoma
15221	GABRG2	5	161520953	melanoma
15222	GABRG2	5	161520964	Gbm
15223	GABRG2	5	161520964	IDHwt
15224	GABRG2	5	161520964	IDHwt_priGBM
15225	GABRG2	5	161520964	LGG GBM
15226	GABRG2	5	161520964	Proneural
15227	GABRG2	5	161524758	melanoma
15228	GABRG2	5	161569181	Astr
15229	GABRG2	5	161569181	GCIMP_high
15230	GABRG2	5	161569181	IDHmut
15231	GABRG2	5	161569181	IDHmut_noncodel
15232	GABRG2	5	161569181	LGG GBM
15233	GABRG2	5	161569181	Proneural
15234	GABRG2	5	161578742	melanoma
15235	GABRG2	5	161578752	melanoma
15236	GABRG2	5	161578752	melanoma
15237	CCNG1	5	162866285	melanoma
15238	CCNG1	5	162869506	Classic_like
15239	CCNG1	5	162869506	Gbm
15240	CCNG1	5	162869506	IDHwt
15241	CCNG1	5	162869506	IDHwt_priGBM
15242	CCNG1	5	162869506	LGG GBM
15243	CCNG1	5	162869506	Mesenchymal
15244	HMMR	5	162910046	melanoma
15245	MAT2B	5	162944630	melanoma
15246	TENM2	5	167489169	melanoma
15247	TENM2	5	167553854	melanoma
15248	TENM2	5	167553854	melanoma
15249	TENM2	5	167622263	melanoma
15250	TENM2	5	167626001	melanoma
15251	TENM2	5	167627058	melanoma
15252	TENM2	5	167627059	melanoma
15253	TENM2	5	167627059	melanoma

15254	TENM2	5	167630808	lung
15255	TENM2	5	167673885	melanoma
15256	TENM2	5	167673885	melanoma
15257	TENM2	5	167689238	Astr
15258	TENM2	5	167689238	IDHwt
15259	TENM2	5	167689238	LGG GBM
15260	TENM2	5	167689238	Neural
15261	TENM2	5	167689238	PA_like
15262	WWC1	5	167841474	bladder
15263	RARS	5	167924241	melanoma
15264	SLIT3	5	168112721	Gbm
15265	SLIT3	5	168112721	IDHwt
15266	SLIT3	5	168112721	IDHwt_priGBM
15267	SLIT3	5	168112721	LGG GBM
15268	SLIT3	5	168112721	Mesenchymal
15269	SLIT3	5	168112721	Mesenchymal_like
15270	SLIT3	5	168127593	melanoma
15271	SLIT3	5	168135054	lung
15272	SLIT3	5	168151440	melanoma
15273	SLIT3	5	168151440	melanoma
15274	SLIT3	5	168151440	melanoma
15275	SLIT3	5	168212928	melanoma
15276	SLIT3	5	168244461	melanoma
15277	SLIT3	5	168271604	bladder
15278	SLIT3	5	168271604	bladder
15279	SLIT3	5	168271604	bladder
15280	SLIT3	5	168310292	GCIMP_high
15281	SLIT3	5	168310292	IDHmut
15282	SLIT3	5	168310292	IDHmut_noncodel
15283	SLIT3	5	168310292	LGG GBM
15284	SPDL1	5	169028287	Astr
15285	SPDL1	5	169028287	IDHwt
15286	SPDL1	5	169028287	LGG GBM
15287	SPDL1	5	169028287	PA_like
15288	SPDL1	5	169028623	melanoma
15289	SPDL1	5	169028623	melanoma
15290	DOCK2	5	169101425	lung
15291	DOCK2	5	169122848	Gbm
15292	DOCK2	5	169122848	IDHwt
15293	DOCK2	5	169122848	IDHwt_priGBM
15294	DOCK2	5	169122848	LGG GBM
15295	DOCK2	5	169122848	Mesenchymal
15296	DOCK2	5	169122848	Mesenchymal_like
15297	DOCK2	5	169127086	melanoma
15298	DOCK2	5	169454921	bladder
15299	DOCK2	5	169463543	melanoma
15300	DOCK2	5	169468121	lung
15301	DOCK2	5	169468121	lung
15302	DOCK2	5	169484642	IDHwt
15303	DOCK2	5	169484642	LGG GBM
15304	DOCK2	5	169484642	Mesenchymal_like
15305	DOCK2	5	169484642	Neural
15306	DOCK2	5	169507231	lung
15307	FOXI1	5	169533278	lung
15308	FOXI1	5	169533358	Gbm
15309	FOXI1	5	169533358	Gbm
15310	FOXI1	5	169533358	IDHwt
15311	FOXI1	5	169533358	IDHwt

15312	FOXI1	5	169533358	IDHwt_priGBM
15313	FOXI1	5	169533358	IDHwt_priGBM
15314	FOXI1	5	169533358	LGG GBM
15315	FOXI1	5	169533358	LGG GBM
15316	FOXI1	5	169533358	Mesenchymal
15317	FOXI1	5	169533358	Mesenchymal
15318	FOXI1	5	169533358	Mesenchymal_like
15319	FOXI1	5	169533358	Mesenchymal_like
15320	KCNMB1	5	169805857	melanoma
15321	GABRP	5	170236731	melanoma
15322	GABRP	5	170239104	melanoma
15323	RANBP17	5	170351446	melanoma
15324	RANBP17	5	170351515	melanoma
15325	RANBP17	5	170648817	lung
15326	RANBP17	5	170669716	melanoma
15327	TLX3	5	170736674	Gbm
15328	TLX3	5	170736674	Gbm
15329	TLX3	5	170736674	Gbm
15330	TLX3	5	170736674	IDHwt
15331	TLX3	5	170736674	IDHwt
15332	TLX3	5	170736674	IDHwt
15333	TLX3	5	170736674	IDHwt_priGBM
15334	TLX3	5	170736674	IDHwt_priGBM
15335	TLX3	5	170736674	IDHwt_priGBM
15336	TLX3	5	170736674	LGG GBM
15337	TLX3	5	170736674	LGG GBM
15338	TLX3	5	170736674	LGG GBM
15339	TLX3	5	170736674	Mesenchymal_like
15340	TLX3	5	170736674	Mesenchymal_like
15341	TLX3	5	170736674	Mesenchymal_like
15342	TLX3	5	170736674	Neural
15343	TLX3	5	170736674	Neural
15344	TLX3	5	170736674	Neural
15345	NPM1	5	170819769	Classic
15346	NPM1	5	170819769	Gbm
15347	NPM1	5	170819769	IDHwt
15348	NPM1	5	170819769	IDHwt_priGBM
15349	NPM1	5	170819769	LGG GBM
15350	NPM1	5	170819769	Mesenchymal_like
15351	FGF18	5	170883763	Gbm
15352	FGF18	5	170883763	IDHwt
15353	FGF18	5	170883763	IDHwt_priGBM
15354	FGF18	5	170883763	LGG GBM
15355	FGF18	5	170883763	Mesenchymal
15356	FBXW11	5	171299943	Classic
15357	FBXW11	5	171299943	Gbm
15358	FBXW11	5	171299943	IDHwt
15359	FBXW11	5	171299943	IDHwt_priGBM
15360	FBXW11	5	171299943	LGG GBM
15361	FBXW11	5	171299943	Mesenchymal_like
15362	FBXW11	5	171337656	melanoma
15363	CREBRF	5	172517642	melanoma
15364	NKX2-5	5	172661996	melanoma
15365	STC2	5	172755129	lung
15366	HMP19	5	173473802	melanoma
15367	HMP19	5	173473802	melanoma
15368	DRD1	5	174869342	melanoma
15369	DRD1	5	174869342	melanoma

15370	HRH2	5	175110348	lung
15371	HRH2	5	175110351	Gbm
15372	HRH2	5	175110351	IDHwt
15373	HRH2	5	175110351	IDHwt_priGBM
15374	HRH2	5	175110351	LGG GBM
15375	HRH2	5	175110351	Mesenchymal_like
15376	HRH2	5	175110351	Proneural
15377	FAM153B	5	175528569	melanoma
15378	FAM153B	5	175528569	melanoma
15379	ARL10	5	175798836	melanoma
15380	ARL10	5	175798837	melanoma
15381	RNF44	5	175956764	lung
15382	HK3	5	176314737	Classic
15383	HK3	5	176314737	Classic_like
15384	HK3	5	176314737	Gbm
15385	HK3	5	176314737	IDHwt
15386	HK3	5	176314737	IDHwt_priGBM
15387	HK3	5	176314737	LGG GBM
15388	UIMC1	5	176396080	bladder
15389	ZNF346	5	176477820	bladder
15390	FGFR4	5	176517989	melanoma
15391	FGFR4	5	176520429	melanoma
15392	FGFR4	5	176522569	melanoma
15393	FGFR4	5	176523316	melanoma
15394	NSD1	5	176631166	melanoma
15395	NSD1	5	176638305	Classic
15396	NSD1	5	176638305	Classic_like
15397	NSD1	5	176638305	Gbm
15398	NSD1	5	176638305	IDHwt
15399	NSD1	5	176638305	IDHwt_priGBM
15400	NSD1	5	176638305	LGG GBM
15401	NSD1	5	176638839	bladder
15402	NSD1	5	176665344	melanoma
15403	NSD1	5	176710852	melanoma
15404	NSD1	5	176710852	melanoma
15405	NSD1	5	176715912	bladder
15406	NSD1	5	176722171	melanoma
15407	SLC34A1	5	176824890	Astr
15408	SLC34A1	5	176824890	Classic
15409	SLC34A1	5	176824890	IDHwt
15410	SLC34A1	5	176824890	LGG GBM
15411	SLC34A1	5	176824890	Mesenchymal_like
15412	DOK3	5	176936484	melanoma
15413	DOK3	5	176936484	melanoma
15414	DDX41	5	176940400	melanoma
15415	DDX41	5	176941751	Classic_like
15416	DDX41	5	176941751	Gbm
15417	DDX41	5	176941751	IDHwt
15418	DDX41	5	176941751	IDHwt_priGBM
15419	DDX41	5	176941751	LGG GBM
15420	HNRNPAB	5	177633868	melanoma
15421	CLK4	5	178032377	bladder
15422	ZNF354A	5	178139662	melanoma
15423	ZNF454	5	178392595	melanoma
15424	GRM6	5	178410096	melanoma
15425	GRM6	5	178410096	melanoma
15426	GRM6	5	178410096	melanoma
15427	GRM6	5	178410096	melanoma

15428	GRM6	5	178413547	melanoma
15429	GRM6	5	178413721	melanoma
15430	GRM6	5	178413721	melanoma
15431	GRM6	5	178413868	Classic
15432	GRM6	5	178413868	Classic
15433	GRM6	5	178413868	Gbm
15434	GRM6	5	178413868	Gbm
15435	GRM6	5	178413868	IDHwt
15436	GRM6	5	178413868	IDHwt
15437	GRM6	5	178413868	IDHwt_priGBM
15438	GRM6	5	178413868	IDHwt_priGBM
15439	GRM6	5	178413868	LGG GBM
15440	GRM6	5	178413868	LGG GBM
15441	GRM6	5	178416095	Gbm
15442	GRM6	5	178416095	Gbm
15443	GRM6	5	178416095	IDHwt
15444	GRM6	5	178416095	IDHwt
15445	GRM6	5	178416095	IDHwt_priGBM
15446	GRM6	5	178416095	IDHwt_priGBM
15447	GRM6	5	178416095	LGG GBM
15448	GRM6	5	178416095	LGG GBM
15449	GRM6	5	178416095	Mesenchymal
15450	GRM6	5	178416095	Mesenchymal
15451	ZNF879	5	178459986	lung
15452	ADAMTS2	5	178541169	melanoma
15453	ADAMTS2	5	178541169	melanoma
15454	ADAMTS2	5	178559266	Astr
15455	ADAMTS2	5	178559266	IDHwt
15456	ADAMTS2	5	178559266	LGG GBM
15457	ADAMTS2	5	178559266	Mesenchymal
15458	ADAMTS2	5	178559266	Mesenchymal_like
15459	ADAMTS2	5	178580563	melanoma
15460	RUFY1	5	178996370	lung
15461	CANX	5	179136902	melanoma
15462	MAML1	5	179160324	hnscc
15463	MAML1	5	179192466	Classic
15464	MAML1	5	179192466	Classic_like
15465	MAML1	5	179192466	Gbm
15466	MAML1	5	179192466	IDHwt
15467	MAML1	5	179192466	IDHwt_priGBM
15468	MAML1	5	179192466	LGG GBM
15469	MRNIP	5	179264620	melanoma
15470	TBC1D9B	5	179292331	lung
15471	TBC1D9B	5	179302079	melanoma
15472	TBC1D9B	5	179302079	melanoma
15473	TBC1D9B	5	179302079	melanoma
15474	TBC1D9B	5	179302079	melanoma
15475	TBC1D9B	5	179306082	lung
15476	RASGEF1C	5	179546426	melanoma
15477	MAPK9	5	179696308	melanoma
15478	CNOT6	5	179992825	melanoma
15479	CNOT6	5	179992825	melanoma
15480	FLT4	5	180047680	melanoma
15481	FLT4	5	180047680	melanoma
15482	OR2Y1	5	180166482	melanoma
15483	OR2Y1	5	180166921	hnscc
15484	OR2Y1	5	180166921	hnscc
15485	BTNL8	5	180338425	GCIMP_high

15486	BTNL8	5	180338425	IDHmut
15487	BTNL8	5	180338425	IDHmut_noncodel
15488	BTNL8	5	180338425	LGG GBM
15489	BTNL8	5	180338425	OligoAstr
15490	BTNL8	5	180374587	Astr
15491	BTNL8	5	180374587	GCIMP_high
15492	BTNL8	5	180374587	IDHmut
15493	BTNL8	5	180374587	IDHmut_noncodel
15494	BTNL8	5	180374587	LGG GBM
15495	BTNL8	5	180374587	Proneural
15496	BTNL8	5	180377243	melanoma
15497	BTNL3	5	180420031	melanoma
15498	BTNL3	5	180420145	bladder
15499	BTNL9	5	180475043	melanoma
15500	BTNL9	5	180475043	melanoma
15501	BTNL9	5	180475256	melanoma
15502	BTNL9	5	180477326	melanoma
15503	BTNL9	5	180486749	lung
15504	OR2V2	5	180581965	melanoma
15505	OR2V2	5	180581965	melanoma
15506	OR2V2	5	180582172	melanoma
15507	OR2V2	5	180582634	melanoma
15508	OR2V2	5	180582634	melanoma
15509	TRIM41	5	180651777	Classic
15510	TRIM41	5	180651777	Classic
15511	TRIM41	5	180651777	Gbm
15512	TRIM41	5	180651777	Gbm
15513	TRIM41	5	180651777	LGG GBM
15514	TRIM41	5	180651777	LGG GBM
15515	TRIM41	5	180651777	Mesenchymal_like
15516	TRIM41	5	180651777	Mesenchymal_like
15517	DUSP22	6	348787	melanoma
15518	IRF4	6	394869	Astr
15519	IRF4	6	394869	GCIMP_high
15520	IRF4	6	394869	IDHmut
15521	IRF4	6	394869	IDHmut_noncodel
15522	IRF4	6	394869	LGG GBM
15523	EXOC2	6	553915	melanoma
15524	EXOC2	6	572531	GCIMP_high
15525	EXOC2	6	572531	IDHmut
15526	EXOC2	6	572531	IDHmut_noncodel
15527	EXOC2	6	572531	LGG GBM
15528	EXOC2	6	572531	Neural
15529	EXOC2	6	572531	OligoAstr
15530	EXOC2	6	572615	melanoma
15531	EXOC2	6	629857	melanoma
15532	HUS1B	6	656547	melanoma
15533	FOXC1	6	1612154	melanoma
15534	GMDS	6	1742745	melanoma
15535	MYLK4	6	2685573	Classic_like
15536	MYLK4	6	2685573	Classic_like
15537	MYLK4	6	2685573	Gbm
15538	MYLK4	6	2685573	Gbm
15539	MYLK4	6	2685573	IDHwt
15540	MYLK4	6	2685573	IDHwt
15541	MYLK4	6	2685573	IDHwt_priGBM
15542	MYLK4	6	2685573	IDHwt_priGBM
15543	MYLK4	6	2685573	LGG GBM

15544	MYLK4	6	2685573	LGG GBM
15545	MYLK4	6	2685573	Proneural
15546	MYLK4	6	2685573	Proneural
15547	MYLK4	6	2749406	melanoma
15548	SERPINB9	6	2890606	melanoma
15549	SERPINB6	6	2949213	melanoma
15550	NQO2	6	3010393	bladder
15551	NQO2	6	3012882	melanoma
15552	TUBB2A	6	3154876	melanoma
15553	FAM50B	6	3850646	melanoma
15554	FAM50B	6	3850646	melanoma
15555	FAM50B	6	3850754	melanoma
15556	FAM50B	6	3850754	melanoma
15557	PRPF4B	6	4052261	melanoma
15558	PRPF4B	6	4052261	melanoma
15559	FAM217A	6	4070042	melanoma
15560	FAM217A	6	4074865	melanoma
15561	C6orf201	6	4087933	melanoma
15562	ECI2	6	4135754	melanoma
15563	FARS2	6	5771549	Codel
15564	FARS2	6	5771549	IDHmut
15565	FARS2	6	5771549	IDHmut_codel
15566	FARS2	6	5771549	LGG GBM
15567	FARS2	6	5771549	Oligo
15568	FARS2	6	5771549	Proneural
15569	F13A1	6	6152142	hnsc
15570	F13A1	6	6167798	melanoma
15571	F13A1	6	6174938	lung
15572	RREB1	6	7187701	melanoma
15573	RREB1	6	7231562	melanoma
15574	RREB1	6	7231676	melanoma
15575	RREB1	6	7231676	melanoma
15576	RREB1	6	7231880	IDHwt_priGBM2
15577	CAGE1	6	7374331	melanoma
15578	DSP	6	7569486	Gbm
15579	DSP	6	7569486	IDHwt
15580	DSP	6	7569486	IDHwt_priGBM
15581	DSP	6	7569486	LGG GBM
15582	DSP	6	7569486	Mesenchymal
15583	DSP	6	7569486	Mesenchymal_like
15584	DSP	6	7569537	melanoma
15585	DSP	6	7569563	melanoma
15586	DSP	6	7572225	melanoma
15587	DSP	6	7580528	IDHwt_priGBM2
15588	DSP	6	7580528	IDHwt_priGBM2
15589	DSP	6	7580528	IDHwt_priGBM2
15590	DSP	6	7580531	GCIMP_high
15591	DSP	6	7580531	GCIMP_high
15592	DSP	6	7580531	IDHmut
15593	DSP	6	7580531	IDHmut
15594	DSP	6	7580531	IDHmut_noncodel
15595	DSP	6	7580531	IDHmut_noncodel
15596	DSP	6	7580531	LGG GBM
15597	DSP	6	7580531	LGG GBM
15598	DSP	6	7580531	Oligo
15599	DSP	6	7580531	Oligo
15600	DSP	6	7580531	Proneural
15601	DSP	6	7580531	Proneural

15602	DSP	6	7580804	bladder
15603	DSP	6	7583469	melanoma
15604	DSP	6	7583469	melanoma
15605	DSP	6	7583600	bladder
15606	DSP	6	7585987	lung
15607	DSP	6	7585987	melanoma
15608	SNRNP48	6	7602874	melanoma
15609	BMP6	6	7845397	melanoma
15610	BMP6	6	7845444	melanoma
15611	BMP6	6	7845477	melanoma
15612	BMP6	6	7845477	melanoma
15613	BMP6	6	7845477	melanoma
15614	BMP6	6	7861787	melanoma
15615	BMP6	6	7861787	melanoma
15616	TXNDC5	6	7884629	melanoma
15617	TXNDC5	6	7891942	melanoma
15618	TXNDC5	6	7904823	melanoma
15619	EEF1E1	6	8080260	bladder
15620	SLC35B3	6	8428218	melanoma
15621	SLC35B3	6	8428218	melanoma
15622	GCNT2	6	10557375	melanoma
15623	TMEM14C	6	10728903	melanoma
15624	TMEM14C	6	10728903	melanoma
15625	MAK	6	10791929	melanoma
15626	MAK	6	10802139	melanoma
15627	MAK	6	10802156	melanoma
15628	MAK	6	10804062	melanoma
15629	MAK	6	10804062	melanoma
15630	MAK	6	10804062	melanoma
15631	GCM2	6	10874289	melanoma
15632	GCM2	6	10874289	melanoma
15633	GCM2	6	10874425	melanoma
15634	SYCP2L	6	10902978	melanoma
15635	SYCP2L	6	10956459	Astr
15636	SYCP2L	6	10956459	IDHwt
15637	SYCP2L	6	10956459	LGG GBM
15638	SYCP2L	6	10956459	PA_like
15639	ELOVL2	6	10995309	melanoma
15640	ELOVL2	6	10995309	melanoma
15641	ELOVL2	6	10995309	melanoma
15642	ELOVL2	6	10995309	melanoma
15643	NEDD9	6	11190802	melanoma
15644	ADTRP	6	11778982	melanoma
15645	ADTRP	6	11778982	melanoma
15646	HIVEP1	6	12124398	melanoma
15647	HIVEP1	6	12125829	melanoma
15648	HIVEP1	6	12125964	bladder
15649	HIVEP1	6	12164671	melanoma
15650	EDN1	6	12296227	melanoma
15651	EDN1	6	12296239	melanoma
15652	PHACTR1	6	13053651	melanoma
15653	PHACTR1	6	13182838	melanoma
15654	;TBC1D7-LOC100	6	13321315	melanoma
15655	SIRT5	6	13588650	Gbm
15656	SIRT5	6	13588650	Gbm
15657	SIRT5	6	13588650	IDHwt
15658	SIRT5	6	13588650	IDHwt
15659	SIRT5	6	13588650	IDHwt_priGBM

15660	SIRT5	6	13588650	IDHwt_priGBM
15661	SIRT5	6	13588650	LGG GBM
15662	SIRT5	6	13588650	LGG GBM
15663	SIRT5	6	13588650	LGm6_GBM
15664	SIRT5	6	13588650	LGm6_GBM
15665	SIRT5	6	13588650	Mesenchymal
15666	SIRT5	6	13588650	Mesenchymal
15667	RANBP9	6	13639816	melanoma
15668	RANBP9	6	13641515	melanoma
15669	MYLIP	6	16130808	Gbm
15670	MYLIP	6	16130808	IDHwt
15671	MYLIP	6	16130808	IDHwt_priGBM
15672	MYLIP	6	16130808	LGG GBM
15673	MYLIP	6	16130808	Mesenchymal
15674	MYLIP	6	16130808	Mesenchymal_like
15675	MYLIP	6	16141912	melanoma
15676	MYLIP	6	16144084	lung
15677	ATXN1	6	16306796	melanoma
15678	ATXN1	6	16327563	lung
15679	ATXN1	6	16327718	Codel
15680	ATXN1	6	16327718	Codel
15681	ATXN1	6	16327718	Codel
15682	ATXN1	6	16327718	IDHmut
15683	ATXN1	6	16327718	IDHmut
15684	ATXN1	6	16327718	IDHmut
15685	ATXN1	6	16327718	IDHmut_codel
15686	ATXN1	6	16327718	IDHmut_codel
15687	ATXN1	6	16327718	IDHmut_codel
15688	ATXN1	6	16327718	LGG GBM
15689	ATXN1	6	16327718	LGG GBM
15690	ATXN1	6	16327718	LGG GBM
15691	ATXN1	6	16327718	Oligo
15692	ATXN1	6	16327718	Oligo
15693	ATXN1	6	16327718	Oligo
15694	ATXN1	6	16327718	Proneural
15695	ATXN1	6	16327718	Proneural
15696	ATXN1	6	16327718	Proneural
15697	CAP2	6	17507475	melanoma
15698	CAP2	6	17507475	melanoma
15699	CAP2	6	17539579	melanoma
15700	CAP2	6	17543298	Gbm
15701	CAP2	6	17543298	Gbm
15702	CAP2	6	17543298	IDHwt
15703	CAP2	6	17543298	IDHwt
15704	CAP2	6	17543298	IDHwt_priGBM
15705	CAP2	6	17543298	IDHwt_priGBM
15706	CAP2	6	17543298	LGG GBM
15707	CAP2	6	17543298	LGG GBM
15708	CAP2	6	17543298	Mesenchymal_like
15709	CAP2	6	17543298	Mesenchymal_like
15710	NUP153	6	17626126	melanoma
15711	KIF13A	6	17764345	Astr
15712	KIF13A	6	17764345	GCIMP_high
15713	KIF13A	6	17764345	IDHmut
15714	KIF13A	6	17764345	IDHmut_noncodel
15715	KIF13A	6	17764345	LGG GBM
15716	KIF13A	6	17764345	Proneural
15717	KIF13A	6	17817363	melanoma

15718	KIF13A	6	17831367	melanoma
15719	NHLRC1	6	18121764	Codel
15720	NHLRC1	6	18121764	IDHmut
15721	NHLRC1	6	18121764	IDHmut_codel
15722	NHLRC1	6	18121764	LGG GBM
15723	NHLRC1	6	18121764	Oligo
15724	NHLRC1	6	18121764	Proneural
15725	TPMT	6	18130940	melanoma
15726	KDM1B	6	18197370	bladder
15727	RNF144B	6	18399836	melanoma
15728	CDKAL1	6	20649533	melanoma
15729	SOX4	6	21595085	Gbm
15730	SOX4	6	21595085	LGG GBM
15731	SOX4	6	21596039	bladder
15732	DCDC2	6	24357777	melanoma
15733	GPLD1	6	24448182	melanoma
15734	GPLD1	6	24448182	melanoma
15735	ALDH5A1	6	24515491	melanoma
15736	KIAA0319	6	24580166	melanoma
15737	KIAA0319	6	24588985	melanoma
15738	KIAA0319	6	24596256	melanoma
15739	KIAA0319	6	24596256	melanoma
15740	KIAA0319	6	24596256	melanoma
15741	GMNN	6	24780946	bladder
15742	GMNN	6	24780946	bladder
15743	GMNN	6	24780946	bladder
15744	CARMIL1	6	25492231	melanoma
15745	CARMIL1	6	25600786	IDHwt
15746	CARMIL1	6	25600786	LGG GBM
15747	CARMIL1	6	25600786	Mesenchymal
15748	CARMIL1	6	25600786	Mesenchymal_like
15749	HIST1H2AA	6	25726650	melanoma
15750	HIST1H2BA	6	25727299	melanoma
15751	SLC17A4	6	25769267	melanoma
15752	SLC17A4	6	25770376	melanoma
15753	SLC17A1	6	25811639	melanoma
15754	SLC17A1	6	25813100	melanoma
15755	SLC17A1	6	25813100	melanoma
15756	SLC17A1	6	25820088	melanoma
15757	SLC17A1	6	25820088	melanoma
15758	SLC17A3	6	25850172	melanoma
15759	SLC17A3	6	25850172	melanoma
15760	SLC17A3	6	25850824	melanoma
15761	SLC17A3	6	25850824	melanoma
15762	SLC17A3	6	25862046	melanoma
15763	SLC17A3	6	25862109	melanoma
15764	SLC17A3	6	25862109	melanoma
15765	SLC17A3	6	25862528	melanoma
15766	SLC17A2	6	25914886	melanoma
15767	SLC17A2	6	25914886	melanoma
15768	SLC17A2	6	25914886	melanoma
15769	SLC17A2	6	25921492	melanoma
15770	SLC17A2	6	25921492	melanoma
15771	SLC17A2	6	25921492	melanoma
15772	SLC17A2	6	25921495	melanoma
15773	TRIM38	6	25967064	Astr
15774	TRIM38	6	25967064	GCIMP_high
15775	TRIM38	6	25967064	IDHmut

15776	TRIM38	6	25967064	IDHmut_noncodel
15777	TRIM38	6	25967064	LGG GBM
15778	HIST1H1A	6	26017779	melanoma
15779	HIST1H1A	6	26017779	melanoma
15780	HIST1H3B	6	26032159	melanoma
15781	HIST1H1C	6	26056210	hnsc
15782	HIST1H1C	6	26056346	GCIMP_high
15783	HIST1H1C	6	26056346	IDHmut
15784	HIST1H1C	6	26056346	IDHmut_noncodel
15785	HIST1H1C	6	26056346	LGG GBM
15786	HIST1H1C	6	26056346	OligoAstr
15787	HFE	6	26091215	Gbm
15788	HFE	6	26091215	IDHwt
15789	HFE	6	26091215	IDHwt_priGBM
15790	HFE	6	26091215	LGG GBM
15791	HFE	6	26091215	Mesenchymal_like
15792	HFE	6	26091215	Proneural
15793	HFE	6	26091724	melanoma
15794	HIST1H4C	6	26104327	GCIMP_high
15795	HIST1H4C	6	26104327	IDHmut
15796	HIST1H4C	6	26104327	IDHmut_noncodel
15797	HIST1H4C	6	26104327	LGG GBM
15798	HIST1H4C	6	26104327	OligoAstr
15799	HIST1H2AC	6	26124693	Astr
15800	HIST1H2AC	6	26124693	IDHwt
15801	HIST1H2AC	6	26124693	LGG GBM
15802	HIST1H2AC	6	26124693	Mesenchymal
15803	HIST1H2AC	6	26124693	Mesenchymal_like
15804	HIST1H3D	6	26197391	melanoma
15805	HIST1H4E	6	26205077	melanoma
15806	HIST1H2BG	6	26216847	melanoma
15807	HIST1H2BI	6	26273498	lung
15808	BTN2A2	6	26385515	melanoma
15809	BTN2A2	6	26393112	melanoma
15810	BTN2A1	6	26468635	melanoma
15811	BTN1A1	6	26501896	melanoma
15812	ZNF184	6	27419977	melanoma
15813	OR2B2	6	27879268	melanoma
15814	OR2B2	6	27880037	melanoma
15815	OR2B6	6	27925184	melanoma
15816	OR2B6	6	27925205	melanoma
15817	OR2B6	6	27925205	melanoma
15818	OR2B6	6	27925374	lung
15819	OR2B6	6	27925409	melanoma
15820	OR2B6	6	27925409	melanoma
15821	OR2B6	6	27925491	Gbm
15822	OR2B6	6	27925491	IDHwt
15823	OR2B6	6	27925491	IDHwt_priGBM
15824	OR2B6	6	27925491	LGG GBM
15825	OR2B6	6	27925491	Mesenchymal_like
15826	OR2B6	6	27925788	melanoma
15827	OR2B6	6	27925788	melanoma
15828	ZNF165	6	28056979	melanoma
15829	ZNF165	6	28057054	melanoma
15830	ZSCAN9	6	28195492	melanoma
15831	ZSCAN9	6	28195492	melanoma
15832	ZKSCAN4	6	28219715	melanoma
15833	PGBD1	6	28269471	melanoma

15834	PGBD1	6	28269607	melanoma
15835	PGBD1	6	28269607	melanoma
15836	PGBD1	6	28269703	melanoma
15837	PGBD1	6	28269724	Classic_like
15838	PGBD1	6	28269724	Classic_like
15839	PGBD1	6	28269724	Classic_like
15840	PGBD1	6	28269724	Gbm
15841	PGBD1	6	28269724	Gbm
15842	PGBD1	6	28269724	Gbm
15843	PGBD1	6	28269724	LGG GBM
15844	PGBD1	6	28269724	LGG GBM
15845	PGBD1	6	28269724	LGG GBM
15846	PGBD1	6	28269724	Proneural
15847	PGBD1	6	28269724	Proneural
15848	PGBD1	6	28269724	Proneural
15849	ZSCAN31	6	28295271	bladder
15850	ZKSCAN3	6	28327497	melanoma
15851	ZKSCAN3	6	28333322	melanoma
15852	ZKSCAN3	6	28333503	melanoma
15853	ZKSCAN3	6	28333503	melanoma
15854	ZKSCAN3	6	28333619	melanoma
15855	GPX5	6	28497370	Gbm
15856	GPX5	6	28497370	IDHwt
15857	GPX5	6	28497370	IDHwt_priGBM
15858	GPX5	6	28497370	LGG GBM
15859	GPX5	6	28497370	Neural
15860	GPX5	6	28501787	melanoma
15861	ZBED9	6	28539828	Classic_like
15862	ZBED9	6	28539828	Gbm
15863	ZBED9	6	28539828	IDHwt
15864	ZBED9	6	28539828	IDHwt_priGBM
15865	ZBED9	6	28539828	LGG GBM
15866	ZBED9	6	28539828	Mesenchymal
15867	ZBED9	6	28540733	melanoma
15868	ZBED9	6	28541454	melanoma
15869	ZBED9	6	28542924	melanoma
15870	ZBED9	6	28542924	melanoma
15871	ZBED9	6	28543719	melanoma
15872	ZNF311	6	28963992	melanoma
15873	ZNF311	6	28963992	melanoma
15874	OR2W1	6	29012187	melanoma
15875	OR2W1	6	29012187	melanoma
15876	OR2W1	6	29012291	melanoma
15877	OR2W1	6	29012360	melanoma
15878	OR2W1	6	29012360	melanoma
15879	OR2W1	6	29012427	melanoma
15880	OR2W1	6	29012582	IDHwt_priGBM2
15881	OR2W1	6	29012582	IDHwt_priGBM2
15882	OR2W1	6	29012799	bladder
15883	OR2W1	6	29012799	bladder
15884	OR2J3	6	29080293	Gbm
15885	OR2J3	6	29080293	Gbm
15886	OR2J3	6	29080293	IDHwt
15887	OR2J3	6	29080293	IDHwt
15888	OR2J3	6	29080293	IDHwt_priGBM
15889	OR2J3	6	29080293	IDHwt_priGBM
15890	OR2J3	6	29080293	LGG GBM
15891	OR2J3	6	29080293	LGG GBM

15892	OR2J3	6	29080293	Mesenchymal
15893	OR2J3	6	29080293	Mesenchymal
15894	OR2J3	6	29080293	Mesenchymal_like
15895	OR2J3	6	29080293	Mesenchymal_like
15896	OR2J2	6	29141738	melanoma
15897	OR2J2	6	29141924	melanoma
15898	OR2J2	6	29141938	melanoma
15899	OR2J2	6	29142122	melanoma
15900	OR2J2	6	29142122	melanoma
15901	OR14J1	6	29274500	hnsc
15902	OR5V1	6	29323128	melanoma
15903	OR5V1	6	29323186	lung
15904	OR5V1	6	29323209	melanoma
15905	OR5V1	6	29323257	lung
15906	OR5V1	6	29323851	melanoma
15907	OR12D3	6	29342850	melanoma
15908	OR12D2	6	29364556	Gbm
15909	OR12D2	6	29364556	IDHwt
15910	OR12D2	6	29364556	IDHwt_priGBM
15911	OR12D2	6	29364556	LGG GBM
15912	OR12D2	6	29364556	Mesenchymal_like
15913	OR12D2	6	29364624	Astr
15914	OR12D2	6	29364624	Astr
15915	OR12D2	6	29364624	Astr
15916	OR12D2	6	29364624	GCIMP_high
15917	OR12D2	6	29364624	GCIMP_high
15918	OR12D2	6	29364624	GCIMP_high
15919	OR12D2	6	29364624	IDHmut
15920	OR12D2	6	29364624	IDHmut
15921	OR12D2	6	29364624	IDHmut
15922	OR12D2	6	29364624	IDHmut_noncodel
15923	OR12D2	6	29364624	IDHmut_noncodel
15924	OR12D2	6	29364624	IDHmut_noncodel
15925	OR12D2	6	29364624	LGG GBM
15926	OR12D2	6	29364624	LGG GBM
15927	OR12D2	6	29364624	LGG GBM
15928	OR12D2	6	29364726	melanoma
15929	OR12D2	6	29364726	melanoma
15930	OR12D2	6	29365393	lung
15931	OR11A1	6	29394787	melanoma
15932	OR11A1	6	29394988	melanoma
15933	OR11A1	6	29395166	melanoma
15934	OR10C1	6	29407979	Classic
15935	OR10C1	6	29407979	Gbm
15936	OR10C1	6	29407979	IDHwt
15937	OR10C1	6	29407979	IDHwt_priGBM
15938	OR10C1	6	29407979	LGG GBM
15939	OR10C1	6	29408175	melanoma
15940	OR10C1	6	29408426	melanoma
15941	OR10C1	6	29408426	melanoma
15942	OR10C1	6	29408426	melanoma
15943	OR10C1	6	29408448	Classic
15944	OR10C1	6	29408448	Classic
15945	OR10C1	6	29408448	Classic_like
15946	OR10C1	6	29408448	Classic_like
15947	OR10C1	6	29408448	Gbm
15948	OR10C1	6	29408448	Gbm
15949	OR10C1	6	29408448	IDHwt

15950	OR10C1	6	29408448	IDHwt
15951	OR10C1	6	29408448	IDHwt_priGBM
15952	OR10C1	6	29408448	IDHwt_priGBM
15953	OR10C1	6	29408448	LGG GBM
15954	OR10C1	6	29408448	LGG GBM
15955	OR2H1	6	29429646	melanoma
15956	OR2H1	6	29429646	melanoma
15957	OR2H1	6	29430334	melanoma
15958	OR2H1	6	29430346	melanoma
15959	MAS1L	6	29455303	Classic
15960	MAS1L	6	29455303	Classic
15961	MAS1L	6	29455303	Classic_like
15962	MAS1L	6	29455303	Classic_like
15963	MAS1L	6	29455303	Gbm
15964	MAS1L	6	29455303	Gbm
15965	MAS1L	6	29455303	IDHwt
15966	MAS1L	6	29455303	IDHwt
15967	MAS1L	6	29455303	IDHwt_priGBM
15968	MAS1L	6	29455303	IDHwt_priGBM
15969	MAS1L	6	29455303	LGG GBM
15970	MAS1L	6	29455303	LGG GBM
15971	MAS1L	6	29455586	melanoma
15972	MAS1L	6	29455586	melanoma
15973	UBD	6	29523710	Gbm
15974	UBD	6	29523710	IDHwt
15975	UBD	6	29523710	IDHwt_priGBM
15976	UBD	6	29523710	LGG GBM
15977	UBD	6	29523710	Mesenchymal_like
15978	OR2H2	6	29555785	melanoma
15979	OR2H2	6	29556079	melanoma
15980	GABBR1	6	29576475	melanoma
15981	HLA-F;HLA-F-AS:	6	29694917	melanoma
15982	HLA-F;HLA-F-AS:	6	29694917	melanoma
15983	HLA-A	6	29910572	Classic_like
15984	HLA-A	6	29910572	Gbm
15985	HLA-A	6	29910572	IDHwt
15986	HLA-A	6	29910572	IDHwt_priGBM
15987	HLA-A	6	29910572	LGG GBM
15988	HLA-A	6	29911095	melanoma
15989	HLA-A	6	29912337	lung
15990	HLA-A	6	29912337	lung
15991	RNF39	6	30039069	melanoma
15992	TRIM31	6	30078413	melanoma
15993	TRIM10	6	30126277	melanoma
15994	TRIM10	6	30127012	Classic
15995	TRIM10	6	30127012	Gbm
15996	TRIM10	6	30127012	IDHwt
15997	TRIM10	6	30127012	IDHwt_priGBM
15998	TRIM10	6	30127012	LGG GBM
15999	TRIM26	6	30166286	melanoma
16000	GNL1	6	30514076	GCIMP_high
16001	GNL1	6	30514076	IDHmut
16002	GNL1	6	30514076	IDHmut_noncodel
16003	GNL1	6	30514076	LGG GBM
16004	GNL1	6	30514076	OligoAstr
16005	GNL1	6	30514076	Proneural
16006	GNL1	6	30515220	melanoma
16007	GNL1	6	30515220	melanoma

16008	ABCF1	6	30550928	melanoma
16009	PPP1R10	6	30571869	melanoma
16010	MRPS18B	6	30585677	lung
16011	ATAT1	6	30610620	lung
16012	MDC1	6	30671540	melanoma
16013	MDC1	6	30672399	melanoma
16014	MDC1	6	30673356	melanoma
16015	MDC1	6	30673766	GCIMP_high
16016	MDC1	6	30673766	GCIMP_high
16017	MDC1	6	30673766	GCIMP_high
16018	MDC1	6	30673766	IDHmut
16019	MDC1	6	30673766	IDHmut
16020	MDC1	6	30673766	IDHmut
16021	MDC1	6	30673766	IDHmut_noncodel
16022	MDC1	6	30673766	IDHmut_noncodel
16023	MDC1	6	30673766	IDHmut_noncodel
16024	MDC1	6	30673766	LGG GBM
16025	MDC1	6	30673766	LGG GBM
16026	MDC1	6	30673766	LGG GBM
16027	MDC1	6	30673766	Oligo
16028	MDC1	6	30673766	Oligo
16029	MDC1	6	30673766	Oligo
16030	MDC1	6	30673766	Proneural
16031	MDC1	6	30673766	Proneural
16032	MDC1	6	30673766	Proneural
16033	MDC1	6	30681071	lung
16034	MDC1	6	30681847	melanoma
16035	TUBB	6	30691491	melanoma
16036	FLOT1	6	30698775	melanoma
16037	DDR1	6	30862435	melanoma
16038	GTF2H4	6	30880122	lung
16039	GTF2H4	6	30880122	lung
16040	VARS2	6	30887896	lung
16041	VARS2	6	30893438	melanoma
16042	VARS2	6	30893438	melanoma
16043	DPCR1	6	30920019	melanoma
16044	DPCR1	6	30920019	melanoma
16045	DPCR1	6	30920119	melanoma
16046	C6orf15	6	31079327	lung
16047	C6orf15	6	31079327	lung
16048	C6orf15	6	31079466	GCIMP_high
16049	C6orf15	6	31079466	IDHmut
16050	C6orf15	6	31079466	IDHmut_noncodel
16051	C6orf15	6	31079466	LGG GBM
16052	C6orf15	6	31079466	OligoAstr
16053	C6orf15	6	31079466	Proneural
16054	CDSN	6	31084391	melanoma
16055	TCF19	6	31129541	melanoma
16056	HLA-B	6	31323339	melanoma
16057	MICB	6	31475065	lung
16058	MICB	6	31477609	melanoma
16059	ATP6V1G2	6	31513219	melanoma
16060	LTA	6	31541322	melanoma
16061	TNF	6	31545282	Codel
16062	TNF	6	31545282	IDHmut
16063	TNF	6	31545282	IDHmut_codel
16064	TNF	6	31545282	LGG GBM
16065	TNF	6	31545282	OligoAstr

16066	TNF	6	31545282	Proneural
16067	NCR3	6	31557900	melanoma
16068	NCR3	6	31557900	melanoma
16069	PRRC2A	6	31592996	melanoma
16070	PRRC2A	6	31592996	melanoma
16071	PRRC2A	6	31597401	melanoma
16072	BAG6	6	31609701	melanoma
16073	LY6G6F	6	31675758	melanoma
16074	CLIC1	6	31698699	melanoma
16075	SAPCD1	6	31730875	melanoma
16076	VWA7	6	31741077	melanoma
16077	VWA7	6	31743881	melanoma
16078	VWA7	6	31743977	melanoma
16079	VAR5	6	31753060	melanoma
16080	HSPA1L	6	31778902	melanoma
16081	HSPA1L	6	31778902	melanoma
16082	HSPA1L	6	31778902	melanoma
16083	HSPA1L	6	31778907	Gbm
16084	HSPA1L	6	31778907	IDHwt
16085	HSPA1L	6	31778907	IDHwt_priGBM
16086	HSPA1L	6	31778907	LGG GBM
16087	HSPA1L	6	31778907	Mesenchymal_like
16088	HSPA1L	6	31779172	melanoma
16089	NEU1	6	31829124	melanoma
16090	SLC44A4	6	31831439	hnsc
16091	EHMT2	6	31850747	melanoma
16092	EHMT2	6	31852477	melanoma
16093	EHMT2	6	31854617	melanoma
16094	EHMT2	6	31854617	melanoma
16095	EHMT2	6	31855417	melanoma
16096	EHMT2	6	31855417	melanoma
16097	EHMT2	6	31856011	Gbm
16098	EHMT2	6	31856011	IDHwt
16099	EHMT2	6	31856011	IDHwt_priGBM
16100	EHMT2	6	31856011	LGG GBM
16101	EHMT2	6	31856011	Mesenchymal_like
16102	EHMT2	6	31856011	Proneural
16103	ZBTB12	6	31868842	IDHwt_priGBM2
16104	C2	6	31895828	melanoma
16105	C2	6	31902144	melanoma
16106	C2	6	31902144	melanoma
16107	C2	6	31902144	melanoma
16108	C2	6	31902144	melanoma
16109	C2	6	31912793	Astr
16110	C2	6	31912793	IDHwt
16111	C2	6	31912793	LGG GBM
16112	C2	6	31912793	Mesenchymal_like
16113	CFB	6	31915754	melanoma
16114	CFB	6	31919224	melanoma
16115	TNXB	6	32014225	bladder
16116	TNXB	6	32021386	melanoma
16117	TNXB	6	32024555	melanoma
16118	TNXB	6	32025886	melanoma
16119	TNXB	6	32025886	melanoma
16120	TNXB	6	32029285	melanoma
16121	TNXB	6	32029492	lung
16122	TNXB	6	32029942	lung
16123	TNXB	6	32030014	melanoma

16124	TNXB	6	32030014	melanoma
16125	TNXB	6	32037347	melanoma
16126	TNXB	6	32037347	melanoma
16127	TNXB	6	32053719	bladder
16128	TNXB	6	32065869	lung
16129	TNXB	6	32065896	melanoma
16130	ATF6B	6	32087620	melanoma
16131	FKBPL	6	32097154	melanoma
16132	AGPAT1	6	32138354	Gbm
16133	AGPAT1	6	32138354	IDHwt
16134	AGPAT1	6	32138354	IDHwt_priGBM
16135	AGPAT1	6	32138354	LGG GBM
16136	AGPAT1	6	32138354	Mesenchymal
16137	AGER	6	32150918	melanoma
16138	AGER	6	32151431	melanoma
16139	GPSM3	6	32159626	melanoma
16140	BTNL2	6	32362548	melanoma
16141	HLA-DRA	6	32410459	Gbm
16142	HLA-DRA	6	32410459	IDHwt
16143	HLA-DRA	6	32410459	IDHwt_priGBM
16144	HLA-DRA	6	32410459	LGG GBM
16145	HLA-DRA	6	32410459	Mesenchymal
16146	HLA-DRA	6	32410459	Mesenchymal_like
16147	HLA-DRA	6	32411568	melanoma
16148	HLA-DQA1	6	32609784	Codel
16149	HLA-DQA1	6	32609784	Codel
16150	HLA-DQA1	6	32609784	IDHmut
16151	HLA-DQA1	6	32609784	IDHmut
16152	HLA-DQA1	6	32609784	IDHmut_codel
16153	HLA-DQA1	6	32609784	IDHmut_codel
16154	HLA-DQA1	6	32609784	LGG GBM
16155	HLA-DQA1	6	32609784	LGG GBM
16156	HLA-DQA1	6	32609784	Proneural
16157	HLA-DQA1	6	32609784	Proneural
16158	HLA-DQA2	6	32713040	melanoma
16159	HLA-DQA2	6	32713040	melanoma
16160	HLA-DQA2	6	32713607	Classic
16161	HLA-DQA2	6	32713607	Classic
16162	HLA-DQA2	6	32713607	Classic
16163	HLA-DQA2	6	32713607	Classic_like
16164	HLA-DQA2	6	32713607	Classic_like
16165	HLA-DQA2	6	32713607	Classic_like
16166	HLA-DQA2	6	32713607	Gbm
16167	HLA-DQA2	6	32713607	Gbm
16168	HLA-DQA2	6	32713607	Gbm
16169	HLA-DQA2	6	32713607	IDHwt
16170	HLA-DQA2	6	32713607	IDHwt
16171	HLA-DQA2	6	32713607	IDHwt
16172	HLA-DQA2	6	32713607	IDHwt
16173	HLA-DQA2	6	32713607	IDHwt_priGBM
16174	HLA-DQA2	6	32713607	IDHwt_priGBM
16175	HLA-DQA2	6	32713607	IDHwt_priGBM
16176	HLA-DQA2	6	32713607	LGG GBM
16177	HLA-DQA2	6	32713607	LGG GBM
16178	HLA-DQA2	6	32713607	LGG GBM
16179	HLA-DQA2	6	32713607	LGG GBM
16180	HLA-DQA2	6	32713607	OligoAstr
16181	HLA-DQA2	6	32713607	OligoAstr

16182	HLA-DQA2	6	32713607	OligoAstr
16183	HLA-DQA2	6	32713607	PA_like
16184	HLA-DQA2	6	32713607	PA_like
16185	HLA-DQA2	6	32713607	PA_like
16186	HLA-DQA2	6	32713607	Proneural
16187	HLA-DQA2	6	32713607	Proneural
16188	HLA-DQA2	6	32713607	Proneural
16189	HLA-DQA2	6	32713655	melanoma
16190	HLA-DQA2	6	32713716	Codel
16191	HLA-DQA2	6	32713716	IDHmut
16192	HLA-DQA2	6	32713716	IDHmut_codel
16193	HLA-DQA2	6	32713716	LGG GBM
16194	HLA-DQA2	6	32713716	OligoAstr
16195	HLA-DQA2	6	32713716	Proneural
16196	HLA-DOB	6	32782142	Classic_like
16197	HLA-DOB	6	32782142	Classic_like
16198	HLA-DOB	6	32782142	Gbm
16199	HLA-DOB	6	32782142	Gbm
16200	HLA-DOB	6	32782142	IDHwt
16201	HLA-DOB	6	32782142	IDHwt
16202	HLA-DOB	6	32782142	IDHwt_priGBM
16203	HLA-DOB	6	32782142	IDHwt_priGBM
16204	HLA-DOB	6	32782142	LGG GBM
16205	HLA-DOB	6	32782142	LGG GBM
16206	HLA-DOB	6	32782142	Proneural
16207	HLA-DOB	6	32782142	Proneural
16208	TAP2	6	32796741	bladder
16209	TAP2	6	32805649	melanoma
16210	TAP2	6	32805682	melanoma
16211	TAP1	6	32813375	melanoma
16212	TAP1	6	32813538	melanoma
16213	HLA-DMB	6	32903319	Gbm
16214	HLA-DMB	6	32903319	Gbm
16215	HLA-DMB	6	32903319	IDHwt
16216	HLA-DMB	6	32903319	IDHwt
16217	HLA-DMB	6	32903319	IDHwt_priGBM
16218	HLA-DMB	6	32903319	IDHwt_priGBM
16219	HLA-DMB	6	32903319	LGG GBM
16220	HLA-DMB	6	32903319	LGG GBM
16221	HLA-DMB	6	32903319	LGm6_GBM
16222	HLA-DMB	6	32903319	LGm6_GBM
16223	HLA-DMB	6	32906668	Classic
16224	HLA-DMB	6	32906668	Classic_like
16225	HLA-DMB	6	32906668	IDHwt
16226	HLA-DMB	6	32906668	LGG GBM
16227	HLA-DMB	6	32906668	OligoAstr
16228	HLA-DMA	6	32917661	melanoma
16229	HLA-DMA	6	32917661	melanoma
16230	HLA-DOA	6	32975279	melanoma
16231	HLA-DOA	6	32975279	melanoma
16232	HLA-DOA	6	32975912	bladder
16233	HLA-DOA	6	32977286	melanoma
16234	HLA-DPB1	6	33052969	melanoma
16235	COL11A2	6	33132163	Gbm
16236	COL11A2	6	33132163	IDHwt
16237	COL11A2	6	33132163	IDHwt_priGBM
16238	COL11A2	6	33132163	LGG GBM
16239	COL11A2	6	33132163	Mesenchymal_like

16240	COL11A2	6	33132225	hnscc
16241	COL11A2	6	33132225	hnscc
16242	RING1	6	33177810	melanoma
16243	RING1	6	33177810	melanoma
16244	RING1	6	33177810	melanoma
16245	RPS18	6	33243790	melanoma
16246	B3GALT4	6	33246272	melanoma
16247	TAPBP	6	33271707	lung
16248	TAPBP	6	33271743	melanoma
16249	TAPBP	6	33272870	melanoma
16250	TAPBP	6	33272870	melanoma
16251	TAPBP	6	33272870	melanoma
16252	ZBTB22	6	33284057	melanoma
16253	ZBTB22	6	33284410	melanoma
16254	ZBTB22	6	33284410	melanoma
16255	DAXX	6	33286925	melanoma
16256	KIFC1	6	33366126	melanoma
16257	KIFC1	6	33371823	melanoma
16258	SYNGAP1	6	33405896	lung
16259	SYNGAP1	6	33409032	bladder
16260	ZBTB9	6	33422930	melanoma
16261	ZBTB9	6	33423191	melanoma
16262	ITPR3	6	33625772	IDHwt_priGBM2
16263	ITPR3	6	33625772	IDHwt_priGBM2
16264	ITPR3	6	33625772	Astr
16265	ITPR3	6	33625772	Astr
16266	ITPR3	6	33625772	GCIMP_low
16267	ITPR3	6	33625772	GCIMP_low
16268	ITPR3	6	33625772	IDHmut
16269	ITPR3	6	33625772	IDHmut
16270	ITPR3	6	33625772	IDHmut_noncodel
16271	ITPR3	6	33625772	IDHmut_noncodel
16272	ITPR3	6	33625772	LGG GBM
16273	ITPR3	6	33625772	LGG GBM
16274	ITPR3	6	33625772	Mesenchymal
16275	ITPR3	6	33625772	Mesenchymal
16276	ITPR3	6	33635015	Codel
16277	ITPR3	6	33635015	IDHmut
16278	ITPR3	6	33635015	IDHmut_codel
16279	ITPR3	6	33635015	LGG GBM
16280	ITPR3	6	33635015	Proneural
16281	ITPR3	6	33639977	melanoma
16282	ITPR3	6	33653882	Gbm
16283	ITPR3	6	33653882	IDHwt
16284	ITPR3	6	33653882	IDHwt_priGBM
16285	ITPR3	6	33653882	LGG GBM
16286	ITPR3	6	33653882	Mesenchymal
16287	ITPR3	6	33653882	Mesenchymal_like
16288	ITPR3	6	33657069	melanoma
16289	IP6K3	6	33695988	melanoma
16290	MLN	6	33763367	hnscc
16291	MLN	6	33768862	bladder
16292	MLN	6	33768891	Gbm
16293	MLN	6	33768891	IDHwt
16294	MLN	6	33768891	IDHwt_priGBM
16295	MLN	6	33768891	LGG GBM
16296	MLN	6	33768891	Mesenchymal
16297	MLN	6	33768891	Mesenchymal_like

16298	GRM4	6	34004373	Gbm
16299	GRM4	6	34004373	IDHwt
16300	GRM4	6	34004373	IDHwt_priGBM
16301	GRM4	6	34004373	LGG GBM
16302	GRM4	6	34004373	Mesenchymal
16303	GRM4	6	34026802	melanoma
16304	GRM4	6	34029770	Classic
16305	GRM4	6	34029770	Classic
16306	GRM4	6	34029770	Classic
16307	GRM4	6	34029770	IDHwt
16308	GRM4	6	34029770	IDHwt
16309	GRM4	6	34029770	IDHwt
16310	GRM4	6	34029770	LGG GBM
16311	GRM4	6	34029770	LGG GBM
16312	GRM4	6	34029770	LGG GBM
16313	GRM4	6	34029770	Mesenchymal_like
16314	GRM4	6	34029770	Mesenchymal_like
16315	GRM4	6	34029770	Mesenchymal_like
16316	GRM4	6	34029770	OligoAstr
16317	GRM4	6	34029770	OligoAstr
16318	GRM4	6	34029770	OligoAstr
16319	GRM4	6	34059809	melanoma
16320	PACSL1	6	34499498	bladder
16321	SPDEF	6	34507033	melanoma
16322	SPDEF	6	34508955	Gbm
16323	SPDEF	6	34508955	Gbm
16324	SPDEF	6	34508955	IDHwt
16325	SPDEF	6	34508955	IDHwt
16326	SPDEF	6	34508955	IDHwt_priGBM
16327	SPDEF	6	34508955	IDHwt_priGBM
16328	SPDEF	6	34508955	LGG GBM
16329	SPDEF	6	34508955	LGG GBM
16330	SPDEF	6	34508955	Mesenchymal
16331	SPDEF	6	34508955	Mesenchymal
16332	SNRPC	6	34741276	melanoma
16333	UHRF1BP1	6	34825143	Codel
16334	UHRF1BP1	6	34825143	IDHmut
16335	UHRF1BP1	6	34825143	IDHmut_codel
16336	UHRF1BP1	6	34825143	LGG GBM
16337	UHRF1BP1	6	34825143	Oligo
16338	UHRF1BP1	6	34826418	melanoma
16339	TCP11	6	35086119	melanoma
16340	TCP11	6	35087056	melanoma
16341	TCP11	6	35089997	melanoma
16342	TCP11	6	35089997	melanoma
16343	SCUBE3	6	35211854	hnscc
16344	ZNF76	6	35259466	melanoma
16345	ZNF76	6	35259466	melanoma
16346	ZNF76	6	35259466	melanoma
16347	FANCE	6	35426164	lung
16348	FANCE	6	35427207	melanoma
16349	RPL10A	6	35437237	melanoma
16350	RPL10A	6	35438108	melanoma
16351	FKBP5	6	35604902	melanoma
16352	ARMC12	6	35715132	melanoma
16353	ARMC12	6	35715132	melanoma
16354	ARMC12	6	35715132	melanoma
16355	ARMC12	6	35716585	melanoma

16356	ARMC12	6	35716585	melanoma
16357	LHFPL5	6	35773829	bladder
16358	SRPK1	6	35836878	lung
16359	SRPK1	6	35836878	lung
16360	SRPK1	6	35836878	lung
16361	SLC26A8	6	35911820	melanoma
16362	SLC26A8	6	35967813	melanoma
16363	SLC26A8	6	35967813	melanoma
16364	SLC26A8	6	35967813	melanoma
16365	SLC26A8	6	35967813	melanoma
16366	SLC26A8	6	35980123	Codel
16367	SLC26A8	6	35980123	IDHmut
16368	SLC26A8	6	35980123	IDHmut_codel
16369	SLC26A8	6	35980123	LGG GBM
16370	SLC26A8	6	35980123	OligoAstr
16371	SLC26A8	6	35980123	Proneural
16372	MAPK14	6	36040742	melanoma
16373	MAPK14	6	36040742	melanoma
16374	MAPK13	6	36103806	melanoma
16375	MAPK13	6	36106730	melanoma
16376	BRPF3	6	36168991	bladder
16377	BRPF3	6	36181975	melanoma
16378	PNPLA1	6	36259166	melanoma
16379	PNPLA1	6	36259244	melanoma
16380	C6orf222	6	36287351	melanoma
16381	C6orf222	6	36298047	melanoma
16382	KCTD20	6	36442769	lung
16383	KCTD20	6	36449395	melanoma
16384	STK38	6	36475288	lung
16385	CDKN1A	6	36653546	Codel
16386	CDKN1A	6	36653546	IDHmut
16387	CDKN1A	6	36653546	IDHmut_codel
16388	CDKN1A	6	36653546	LGG GBM
16389	CDKN1A	6	36653546	Oligo
16390	CDKN1A	6	36653546	Proneural
16391	CPNE5	6	36711514	lung
16392	CPNE5	6	36759847	melanoma
16393	C6orf89	6	36882466	melanoma
16394	TMEM217	6	37186253	melanoma
16395	TMEM217	6	37186253	melanoma
16396	TMEM217	6	37186253	melanoma
16397	TMEM217	6	37186356	melanoma
16398	TMEM217	6	37186356	melanoma
16399	TBC1D22B	6	37247121	melanoma
16400	TBC1D22B	6	37250005	melanoma
16401	TBC1D22B	6	37280717	lung
16402	CMTR1	6	37414193	melanoma
16403	CMTR1	6	37414193	melanoma
16404	MDGA1	6	37614108	bladder
16405	MDGA1	6	37618104	melanoma
16406	BTBD9	6	38224188	Gbm
16407	BTBD9	6	38224188	Gbm
16408	BTBD9	6	38224188	Gbm
16409	BTBD9	6	38224188	Gbm
16410	BTBD9	6	38224188	Gbm
16411	BTBD9	6	38224188	IDHwt
16412	BTBD9	6	38224188	IDHwt
16413	BTBD9	6	38224188	IDHwt

16414	BTBD9	6	38224188	IDHwt
16415	BTBD9	6	38224188	IDHwt
16416	BTBD9	6	38224188	IDHwt_priGBM
16417	BTBD9	6	38224188	IDHwt_priGBM
16418	BTBD9	6	38224188	IDHwt_priGBM
16419	BTBD9	6	38224188	IDHwt_priGBM
16420	BTBD9	6	38224188	IDHwt_priGBM
16421	BTBD9	6	38224188	LGG GBM
16422	BTBD9	6	38224188	LGG GBM
16423	BTBD9	6	38224188	LGG GBM
16424	BTBD9	6	38224188	LGG GBM
16425	BTBD9	6	38224188	LGG GBM
16426	BTBD9	6	38224188	Mesenchymal
16427	BTBD9	6	38224188	Mesenchymal
16428	BTBD9	6	38224188	Mesenchymal
16429	BTBD9	6	38224188	Mesenchymal
16430	BTBD9	6	38224188	Mesenchymal
16431	BTBD9	6	38548186	lung
16432	BTBD9	6	38548186	lung
16433	BTBD9	6	38560444	melanoma
16434	BTBD9	6	38562053	melanoma
16435	GLO1	6	38645081	melanoma
16436	GLO1	6	38645081	melanoma
16437	GLO1	6	38645081	melanoma
16438	DNAH8	6	38691159	melanoma
16439	DNAH8	6	38704949	Classic_like
16440	DNAH8	6	38704949	Gbm
16441	DNAH8	6	38704949	IDHwt
16442	DNAH8	6	38704949	IDHwt_priGBM
16443	DNAH8	6	38704949	LGG GBM
16444	DNAH8	6	38781865	melanoma
16445	DNAH8	6	38781879	melanoma
16446	DNAH8	6	38781879	melanoma
16447	DNAH8	6	38791366	melanoma
16448	DNAH8	6	38791366	melanoma
16449	DNAH8	6	38791368	melanoma
16450	DNAH8	6	38791368	melanoma
16451	DNAH8	6	38793958	melanoma
16452	DNAH8	6	38800159	melanoma
16453	DNAH8	6	38828260	melanoma
16454	DNAH8	6	38830180	Classic
16455	DNAH8	6	38830180	Classic
16456	DNAH8	6	38830180	Classic_like
16457	DNAH8	6	38830180	Classic_like
16458	DNAH8	6	38830180	Gbm
16459	DNAH8	6	38830180	Gbm
16460	DNAH8	6	38830180	IDHwt
16461	DNAH8	6	38830180	IDHwt
16462	DNAH8	6	38830180	IDHwt_priGBM
16463	DNAH8	6	38830180	IDHwt_priGBM
16464	DNAH8	6	38830180	LGG GBM
16465	DNAH8	6	38830180	LGG GBM
16466	DNAH8	6	38840454	melanoma
16467	DNAH8	6	38840910	melanoma
16468	DNAH8	6	38854611	melanoma
16469	DNAH8	6	38862484	lung
16470	DNAH8	6	38862535	melanoma
16471	DNAH8	6	38867580	melanoma

16472	DNAH8	6	38885139	melanoma
16473	DNAH8	6	38893891	GCIMP_high
16474	DNAH8	6	38893891	IDHmut
16475	DNAH8	6	38893891	IDHmut_noncodel
16476	DNAH8	6	38893891	LGG GBM
16477	DNAH8	6	38893891	OligoAstr
16478	DNAH8	6	38893891	Proneural
16479	DNAH8	6	38903432	Gbm
16480	DNAH8	6	38903432	IDHwt
16481	DNAH8	6	38903432	IDHwt_priGBM
16482	DNAH8	6	38903432	LGG GBM
16483	DNAH8	6	38903432	Mesenchymal
16484	DNAH8	6	38903432	Mesenchymal_like
16485	DNAH8	6	38941515	melanoma
16486	DNAH8	6	38941515	melanoma
16487	DNAH8	6	38941560	melanoma
16488	DNAH8	6	38941560	melanoma
16489	DNAH8	6	38942183	melanoma
16490	GLP1R	6	39033567	melanoma
16491	GLP1R	6	39040658	melanoma
16492	GLP1R	6	39040658	melanoma
16493	GLP1R	6	39047425	melanoma
16494	GLP1R	6	39047425	melanoma
16495	KCNK5	6	39159054	melanoma
16496	KCNK5	6	39162059	melanoma
16497	KCNK5	6	39162059	melanoma
16498	KCNK17	6	39267418	melanoma
16499	KCNK17	6	39278725	melanoma
16500	KCNK16	6	39284111	melanoma
16501	KCNK16	6	39290118	melanoma
16502	KCNK16	6	39290118	melanoma
16503	KIF6	6	39512301	melanoma
16504	KIF6	6	39513382	melanoma
16505	KIF6	6	39545914	melanoma
16506	KIF6	6	39554128	melanoma
16507	KIF6	6	39554128	melanoma
16508	KIF6	6	39563988	melanoma
16509	KIF6	6	39563988	melanoma
16510	DAAM2	6	39856480	melanoma
16511	MOCS1	6	39881136	lung
16512	LRFN2	6	40360425	Classic_like
16513	LRFN2	6	40360425	Classic_like
16514	LRFN2	6	40360425	Gbm
16515	LRFN2	6	40360425	Gbm
16516	LRFN2	6	40360425	IDHwt
16517	LRFN2	6	40360425	IDHwt
16518	LRFN2	6	40360425	IDHwt_priGBM
16519	LRFN2	6	40360425	IDHwt_priGBM
16520	LRFN2	6	40360425	LGG GBM
16521	LRFN2	6	40360425	LGG GBM
16522	LRFN2	6	40360425	Proneural
16523	LRFN2	6	40360425	Proneural
16524	LRFN2	6	40399861	melanoma
16525	LRFN2	6	40400626	Classic
16526	LRFN2	6	40400626	Classic
16527	LRFN2	6	40400626	Classic
16528	LRFN2	6	40400626	Classic
16529	LRFN2	6	40400626	Classic_like

16530	LRFN2	6	40400626	Classic_like
16531	LRFN2	6	40400626	Classic_like
16532	LRFN2	6	40400626	Classic_like
16533	LRFN2	6	40400626	Gbm
16534	LRFN2	6	40400626	Gbm
16535	LRFN2	6	40400626	Gbm
16536	LRFN2	6	40400626	Gbm
16537	LRFN2	6	40400626	IDHwt
16538	LRFN2	6	40400626	IDHwt
16539	LRFN2	6	40400626	IDHwt
16540	LRFN2	6	40400626	IDHwt
16541	LRFN2	6	40400626	IDHwt_priGBM
16542	LRFN2	6	40400626	IDHwt_priGBM
16543	LRFN2	6	40400626	IDHwt_priGBM
16544	LRFN2	6	40400626	IDHwt_priGBM
16545	LRFN2	6	40400626	LGG GBM
16546	LRFN2	6	40400626	LGG GBM
16547	LRFN2	6	40400626	LGG GBM
16548	LRFN2	6	40400626	LGG GBM
16549	UNC5CL	6	40996311	Astr
16550	UNC5CL	6	40996311	Astr
16551	UNC5CL	6	40996311	GCIMP_high
16552	UNC5CL	6	40996311	GCIMP_high
16553	UNC5CL	6	40996311	IDHmut
16554	UNC5CL	6	40996311	IDHmut
16555	UNC5CL	6	40996311	IDHmut_noncodel
16556	UNC5CL	6	40996311	IDHmut_noncodel
16557	UNC5CL	6	40996311	LGG GBM
16558	UNC5CL	6	40996311	LGG GBM
16559	UNC5CL	6	41001851	melanoma
16560	UNC5CL	6	41002446	melanoma
16561	TSP02	6	41011839	melanoma
16562	TREML1	6	41117499	melanoma
16563	TREML1	6	41117499	melanoma
16564	TREML1	6	41118640	melanoma
16565	TREML1	6	41121804	Gbm
16566	TREML1	6	41121804	Gbm
16567	TREML1	6	41121804	IDHwt
16568	TREML1	6	41121804	IDHwt
16569	TREML1	6	41121804	IDHwt_priGBM
16570	TREML1	6	41121804	IDHwt_priGBM
16571	TREML1	6	41121804	LGG GBM
16572	TREML1	6	41121804	LGG GBM
16573	TREML1	6	41121804	Mesenchymal
16574	TREML1	6	41121804	Mesenchymal
16575	TREML1	6	41121804	Mesenchymal_like
16576	TREML1	6	41121804	Mesenchymal_like
16577	TREM2	6	41129082	GCIMP_low
16578	TREM2	6	41129082	IDHmut
16579	TREM2	6	41129082	IDHmut_noncodel
16580	TREM2	6	41129082	LGG GBM
16581	TREM2	6	41129082	Proneural
16582	TREML2	6	41162491	Gbm
16583	TREML2	6	41162491	Gbm
16584	TREML2	6	41162491	IDHwt
16585	TREML2	6	41162491	IDHwt
16586	TREML2	6	41162491	IDHwt_priGBM
16587	TREML2	6	41162491	IDHwt_priGBM

16588	TREML2	6	41162491	LGG GBM
16589	TREML2	6	41162491	LGG GBM
16590	TREML2	6	41162491	LGm6_GBM
16591	TREML2	6	41162491	LGm6_GBM
16592	TREML2	6	41162491	Mesenchymal
16593	TREML2	6	41162491	Mesenchymal
16594	TREML4	6	41196732	melanoma
16595	TREML4	6	41196732	melanoma
16596	TREML4	6	41197289	melanoma
16597	TREM1	6	41250460	melanoma
16598	NCR2	6	41304028	melanoma
16599	NCR2	6	41318496	bladder
16600	FOXP4	6	41554783	GCIMP_high
16601	FOXP4	6	41554783	IDHmut
16602	FOXP4	6	41554783	IDHmut_noncodel
16603	FOXP4	6	41554783	LGG GBM
16604	FOXP4	6	41554783	OligoAstr
16605	FOXP4	6	41554783	Proneural
16606	FOXP4	6	41565580	melanoma
16607	MDFI	6	41617375	melanoma
16608	TFEB	6	41652362	melanoma
16609	TFEB	6	41654880	GCIMP_high
16610	TFEB	6	41654880	IDHmut
16611	TFEB	6	41654880	IDHmut_noncodel
16612	TFEB	6	41654880	LGG GBM
16613	PGC	6	41708311	melanoma
16614	PGC	6	41708311	melanoma
16615	PGC	6	41710059	melanoma
16616	PRICKLE4	6	41754691	melanoma
16617	USP49	6	41773595	Codel
16618	USP49	6	41773595	IDHmut
16619	USP49	6	41773595	IDHmut_codel
16620	USP49	6	41773595	LGG GBM
16621	USP49	6	41773595	Oligo
16622	USP49	6	41773646	Gbm
16623	USP49	6	41773646	IDHwt
16624	USP49	6	41773646	IDHwt_priGBM
16625	USP49	6	41773646	LGG GBM
16626	USP49	6	41773646	LGm6_GBM
16627	USP49	6	41773646	Mesenchymal
16628	USP49	6	41774357	Gbm
16629	USP49	6	41774357	IDHwt
16630	USP49	6	41774357	IDHwt_priGBM
16631	USP49	6	41774357	LGG GBM
16632	USP49	6	41774357	Mesenchymal
16633	TAF8	6	42023338	melanoma
16634	GUCA1A	6	42146040	lung
16635	TRERF1	6	42227184	melanoma
16636	TRERF1	6	42227227	melanoma
16637	TRERF1	6	42227278	melanoma
16638	TRERF1	6	42236242	melanoma
16639	TRERF1	6	42237157	melanoma
16640	UBR2	6	42532082	bladder
16641	UBR2	6	42631091	melanoma
16642	UBR2	6	42633247	melanoma
16643	UBR2	6	42647558	melanoma
16644	UBR2	6	42647558	melanoma
16645	BICRAL	6	42796724	melanoma

16646	BICRAL	6	42824950	melanoma
16647	RPL7L1	6	42852473	lung
16648	RPL7L1	6	42853786	melanoma
16649	PTCRA	6	42891999	melanoma
16650	PTCRA	6	42893007	melanoma
16651	CNPY3	6	42905509	melanoma
16652	CNPY3	6	42905509	melanoma
16653	NPY3-GNMT;GNM	6	42930553	melanoma
16654	PPP2R5D	6	42974286	Codel
16655	PPP2R5D	6	42974286	IDHmut
16656	PPP2R5D	6	42974286	IDHmut_codel
16657	PPP2R5D	6	42974286	LGG GBM
16658	PPP2R5D	6	42974286	Neural
16659	PPP2R5D	6	42974286	OligoAstr
16660	CUL7	6	43008792	melanoma
16661	CUL7	6	43008792	melanoma
16662	MRPL2	6	43023667	melanoma
16663	MRPL2	6	43023667	melanoma
16664	MRPL2	6	43023667	melanoma
16665	KLC4	6	43039922	lung
16666	PTK7	6	43109465	lung
16667	PTK7	6	43109465	lung
16668	PTK7	6	43110023	melanoma
16669	PTK7	6	43111196	melanoma
16670	PTK7	6	43111196	melanoma
16671	CUL9	6	43152518	melanoma
16672	CUL9	6	43168559	melanoma
16673	CUL9	6	43168559	melanoma
16674	CUL9	6	43168559	melanoma
16675	CUL9	6	43168559	melanoma
16676	CUL9	6	43168559	melanoma
16677	CUL9	6	43171243	bladder
16678	CUL9	6	43171243	bladder
16679	CUL9	6	43171683	melanoma
16680	CUL9	6	43173780	melanoma
16681	TTBK1	6	43225598	melanoma
16682	TTBK1	6	43226921	melanoma
16683	TTBK1	6	43250640	melanoma
16684	TTBK1	6	43250640	melanoma
16685	TTBK1	6	43252906	melanoma
16686	SLC22A7	6	43266139	melanoma
16687	SLC22A7	6	43266314	melanoma
16688	ZNF318	6	43306049	melanoma
16689	ZNF318	6	43306049	melanoma
16690	ZNF318	6	43306628	melanoma
16691	ZNF318	6	43306886	melanoma
16692	ZNF318	6	43323366	melanoma
16693	ABCC10	6	43400311	melanoma
16694	ABCC10	6	43402557	melanoma
16695	ABCC10	6	43403556	Astr
16696	ABCC10	6	43403556	GCIMP_high
16697	ABCC10	6	43403556	IDHmut
16698	ABCC10	6	43403556	IDHmut_noncodel
16699	ABCC10	6	43403556	LGG GBM
16700	ABCC10	6	43403588	Classic_like
16701	ABCC10	6	43403588	Gbm
16702	ABCC10	6	43403588	IDHwt
16703	ABCC10	6	43403588	IDHwt_priGBM

16704	ABCC10	6	43403588	LGG GBM
16705	ABCC10	6	43403588	Classic_like
16706	ABCC10	6	43403588	Gbm
16707	ABCC10	6	43403588	IDHwt
16708	ABCC10	6	43403588	IDHwt_priGBM
16709	ABCC10	6	43403588	LGG GBM
16710	ABCC10	6	43413047	melanoma
16711	LRRC73	6	43477289	lung
16712	YIPF3	6	43481330	lung
16713	XPO5	6	43519184	melanoma
16714	XPO5	6	43519184	melanoma
16715	XPO5	6	43523585	melanoma
16716	XPO5	6	43528009	melanoma
16717	XPO5	6	43528009	melanoma
16718	GTPBP2	6	43589437	melanoma
16719	GTPBP2	6	43596839	bladder
16720	RSPH9	6	43612976	hnscc
16721	C6orf223	6	43970532	melanoma
16722	TMEM63B	6	44115168	lung
16723	HSP90AB1	6	44217764	melanoma
16724	SLC35B2	6	44223132	melanoma
16725	NFKBIE	6	44227000	hnscc
16726	TMEM151B	6	44241146	lung
16727	AARS2	6	44268963	bladder
16728	AARS2	6	44281002	melanoma
16729	AARS2	6	44281002	melanoma
16730	SPATS1	6	44329582	lung
16731	RUNX2	6	45390485	hnscc
16732	RUNX2	6	45480037	melanoma
16733	RUNX2	6	45514681	Classic
16734	RUNX2	6	45514681	Classic
16735	RUNX2	6	45514681	Classic_like
16736	RUNX2	6	45514681	Classic_like
16737	RUNX2	6	45514681	Gbm
16738	RUNX2	6	45514681	Gbm
16739	RUNX2	6	45514681	IDHwt
16740	RUNX2	6	45514681	IDHwt
16741	RUNX2	6	45514681	IDHwt_priGBM
16742	RUNX2	6	45514681	IDHwt_priGBM
16743	RUNX2	6	45514681	LGG GBM
16744	RUNX2	6	45514681	LGG GBM
16745	CLIC5	6	45870889	melanoma
16746	CLIC5	6	45870889	melanoma
16747	CLIC5	6	46047817	lung
16748	ENPP4	6	46107333	Classic_like
16749	ENPP4	6	46107333	Gbm
16750	ENPP4	6	46107333	IDHwt
16751	ENPP4	6	46107333	IDHwt_priGBM
16752	ENPP4	6	46107333	LGG GBM
16753	ENPP4	6	46107333	Mesenchymal
16754	ENPP4	6	46107570	melanoma
16755	ENPP4	6	46107753	melanoma
16756	ENPP5	6	46129191	melanoma
16757	TDRD6	6	46656734	melanoma
16758	TDRD6	6	46656737	Classic
16759	TDRD6	6	46656737	Classic_like
16760	TDRD6	6	46656737	Gbm
16761	TDRD6	6	46656737	IDHwt

16762	TDRD6	6	46656737	IDHwt_priGBM
16763	TDRD6	6	46656737	LGG GBM
16764	TDRD6	6	46660106	Codel
16765	TDRD6	6	46660106	IDHmut
16766	TDRD6	6	46660106	IDHmut_codel
16767	TDRD6	6	46660106	LGG GBM
16768	TDRD6	6	46660106	Oligo
16769	TDRD6	6	46660106	Proneural
16770	TDRD6	6	46660249	melanoma
16771	TDRD6	6	46661520	melanoma
16772	TDRD6	6	46661520	melanoma
16773	TDRD6	6	46661899	melanoma
16774	MEP1A	6	46766355	Codel
16775	MEP1A	6	46766355	Codel
16776	MEP1A	6	46766355	IDHmut
16777	MEP1A	6	46766355	IDHmut
16778	MEP1A	6	46766355	IDHmut_codel
16779	MEP1A	6	46766355	IDHmut_codel
16780	MEP1A	6	46766355	LGG GBM
16781	MEP1A	6	46766355	LGG GBM
16782	MEP1A	6	46766355	Oligo
16783	MEP1A	6	46766355	Oligo
16784	MEP1A	6	46793128	melanoma
16785	MEP1A	6	46797128	melanoma
16786	MEP1A	6	46797128	melanoma
16787	MEP1A	6	46800955	melanoma
16788	MEP1A	6	46801051	melanoma
16789	MEP1A	6	46801051	melanoma
16790	MEP1A	6	46801056	melanoma
16791	MEP1A	6	46801056	melanoma
16792	MEP1A	6	46801056	melanoma
16793	MEP1A	6	46803085	melanoma
16794	ADGRF5	6	46821742	melanoma
16795	ADGRF5	6	46824498	melanoma
16796	ADGRF5	6	46826170	Classic
16797	ADGRF5	6	46826170	Classic
16798	ADGRF5	6	46826170	Classic_like
16799	ADGRF5	6	46826170	Classic_like
16800	ADGRF5	6	46826170	Gbm
16801	ADGRF5	6	46826170	Gbm
16802	ADGRF5	6	46826170	IDHwt
16803	ADGRF5	6	46826170	IDHwt
16804	ADGRF5	6	46826170	IDHwt_priGBM
16805	ADGRF5	6	46826170	IDHwt_priGBM
16806	ADGRF5	6	46826170	LGG GBM
16807	ADGRF5	6	46826170	LGG GBM
16808	ADGRF5	6	46826519	melanoma
16809	ADGRF5	6	46846032	melanoma
16810	ADGRF5	6	46849287	melanoma
16811	ADGRF1	6	46977396	melanoma
16812	ADGRF1	6	46979867	melanoma
16813	ADGRF1	6	46979867	melanoma
16814	TNFRSF21	6	47253761	melanoma
16815	CD2AP	6	47547178	Gbm
16816	CD2AP	6	47547178	Gbm
16817	CD2AP	6	47547178	GCIMP_high
16818	CD2AP	6	47547178	GCIMP_high
16819	CD2AP	6	47547178	IDHmut

16820	CD2AP	6	47547178	IDHmut
16821	CD2AP	6	47547178	IDHmut_noncodel
16822	CD2AP	6	47547178	IDHmut_noncodel
16823	CD2AP	6	47547178	LGG GBM
16824	CD2AP	6	47547178	LGG GBM
16825	CD2AP	6	47547178	Proneural
16826	CD2AP	6	47547178	Proneural
16827	CD2AP	6	47547181	melanoma
16828	CD2AP	6	47567140	melanoma
16829	ADGRF2	6	47649202	melanoma
16830	ADGRF4	6	47678599	melanoma
16831	ADGRF4	6	47680192	melanoma
16832	ADGRF4	6	47680215	melanoma
16833	ADGRF4	6	47681673	melanoma
16834	OPN5	6	47754335	melanoma
16835	OPN5	6	47763189	melanoma
16836	OPN5	6	47763189	melanoma
16837	PTCHD4	6	47846160	Gbm
16838	PTCHD4	6	47846160	Gbm
16839	PTCHD4	6	47846160	IDHwt
16840	PTCHD4	6	47846160	IDHwt
16841	PTCHD4	6	47846160	IDHwt_priGBM
16842	PTCHD4	6	47846160	IDHwt_priGBM
16843	PTCHD4	6	47846160	LGG GBM
16844	PTCHD4	6	47846160	LGG GBM
16845	PTCHD4	6	47846160	Mesenchymal_like
16846	PTCHD4	6	47846160	Mesenchymal_like
16847	PTCHD4	6	47846160	Neural
16848	PTCHD4	6	47846160	Neural
16849	MUT	6	49425457	melanoma
16850	GLYATL3	6	49479748	melanoma
16851	RHAG	6	49580145	melanoma
16852	RHAG	6	49582542	Classic_like
16853	RHAG	6	49582542	Classic_like
16854	RHAG	6	49582542	Gbm
16855	RHAG	6	49582542	Gbm
16856	RHAG	6	49582542	IDHwt
16857	RHAG	6	49582542	IDHwt
16858	RHAG	6	49582542	IDHwt_priGBM
16859	RHAG	6	49582542	IDHwt_priGBM
16860	RHAG	6	49582542	LGG GBM
16861	RHAG	6	49582542	LGG GBM
16862	RHAG	6	49586953	melanoma
16863	RHAG	6	49604372	melanoma
16864	PGK2	6	49754173	melanoma
16865	PGK2	6	49754282	Classic_like
16866	PGK2	6	49754282	Gbm
16867	PGK2	6	49754282	LGG GBM
16868	PGK2	6	49754282	Mesenchymal
16869	PGK2	6	49754324	melanoma
16870	PGK2	6	49754324	melanoma
16871	PGK2	6	49754324	melanoma
16872	PGK2	6	49754324	melanoma
16873	PGK2	6	49754671	melanoma
16874	DEFB133	6	49913893	lung
16875	TFAP2D	6	50681788	melanoma
16876	TFAP2D	6	50683145	Astr
16877	TFAP2D	6	50683145	Classic

16878	TFAP2D	6	50683145	Classic_like
16879	TFAP2D	6	50683145	IDHwt
16880	TFAP2D	6	50683145	LGG GBM
16881	TFAP2D	6	50696628	melanoma
16882	TFAP2B	6	50791202	melanoma
16883	TFAP2B	6	50803903	melanoma
16884	PKHD1	6	51484145	Gbm
16885	PKHD1	6	51484145	IDHwt
16886	PKHD1	6	51484145	IDHwt_priGBM
16887	PKHD1	6	51484145	LGG GBM
16888	PKHD1	6	51484145	Mesenchymal_like
16889	PKHD1	6	51484210	melanoma
16890	PKHD1	6	51491833	lung
16891	PKHD1	6	51512879	Astr
16892	PKHD1	6	51512879	GCIMP_high
16893	PKHD1	6	51512879	IDHmut
16894	PKHD1	6	51512879	IDHmut_noncodel
16895	PKHD1	6	51512879	LGG GBM
16896	PKHD1	6	51512879	Proneural
16897	PKHD1	6	51523888	melanoma
16898	PKHD1	6	51523897	Classic_like
16899	PKHD1	6	51523897	Gbm
16900	PKHD1	6	51523897	IDHwt
16901	PKHD1	6	51523897	IDHwt_priGBM
16902	PKHD1	6	51523897	LGG GBM
16903	PKHD1	6	51524359	bladder
16904	PKHD1	6	51656142	Classic
16905	PKHD1	6	51656142	Classic
16906	PKHD1	6	51656142	Classic
16907	PKHD1	6	51656142	Classic_like
16908	PKHD1	6	51656142	Classic_like
16909	PKHD1	6	51656142	Classic_like
16910	PKHD1	6	51656142	IDHwt
16911	PKHD1	6	51656142	IDHwt
16912	PKHD1	6	51656142	IDHwt
16913	PKHD1	6	51656142	LGG GBM
16914	PKHD1	6	51656142	LGG GBM
16915	PKHD1	6	51656142	LGG GBM
16916	PKHD1	6	51656142	OligoAstr
16917	PKHD1	6	51656142	OligoAstr
16918	PKHD1	6	51656142	OligoAstr
16919	PKHD1	6	51695751	melanoma
16920	PKHD1	6	51732805	melanoma
16921	PKHD1	6	51732806	melanoma
16922	PKHD1	6	51732844	melanoma
16923	PKHD1	6	51732844	melanoma
16924	PKHD1	6	51732844	melanoma
16925	PKHD1	6	51732865	melanoma
16926	PKHD1	6	51799025	melanoma
16927	PKHD1	6	51882340	melanoma
16928	PKHD1	6	51889738	Gbm
16929	PKHD1	6	51889738	IDHwt
16930	PKHD1	6	51889738	IDHwt_priGBM
16931	PKHD1	6	51889738	LGG GBM
16932	PKHD1	6	51889738	Mesenchymal
16933	PKHD1	6	51889804	Classic_like
16934	PKHD1	6	51889804	IDHwt
16935	PKHD1	6	51889804	LGG GBM

16936	PKHD1	6	51889804	OligoAstr
16937	PKHD1	6	51889804	Proneural
16938	PKHD1	6	51890515	melanoma
16939	PKHD1	6	51892684	melanoma
16940	PKHD1	6	51893063	melanoma
16941	PKHD1	6	51910930	Gbm
16942	PKHD1	6	51910930	IDHwt
16943	PKHD1	6	51910930	IDHwt_priGBM
16944	PKHD1	6	51910930	LGG GBM
16945	PKHD1	6	51910930	Mesenchymal
16946	PKHD1	6	51910930	Mesenchymal_like
16947	PKHD1	6	51913388	melanoma
16948	PKHD1	6	51947229	melanoma
16949	PKHD1	6	51947229	melanoma
16950	PKHD1	6	51947229	melanoma
16951	PKHD1	6	51947229	melanoma
16952	PKHD1	6	51947229	melanoma
16953	PKHD1	6	51947274	melanoma
16954	IL17F	6	52101952	lung
16955	IL17F	6	52103541	melanoma
16956	MCM3	6	52129468	melanoma
16957	TRAM2	6	52381460	melanoma
16958	TRAM2	6	52381460	melanoma
16959	TRAM2	6	52381460	melanoma
16960	GSTA1	6	52659036	melanoma
16961	GSTA5	6	52705583	melanoma
16962	GSTA5	6	52705583	melanoma
16963	GSTA3	6	52770626	IDHwt_priGBM2
16964	ICK	6	52876952	melanoma
16965	ICK	6	52876952	melanoma
16966	ICK	6	52883252	melanoma
16967	ICK	6	52884149	melanoma
16968	ICK	6	52884149	melanoma
16969	GCM1	6	52998965	lung
16970	ELOVL5	6	53138025	melanoma
16971	ELOVL5	6	53140028	melanoma
16972	ELOVL5	6	53140028	melanoma
16973	KLHL31	6	53517120	melanoma
16974	KLHL31	6	53519070	melanoma
16975	KLHL31	6	53519311	melanoma
16976	MLIP	6	54025586	melanoma
16977	MLIP	6	54025586	melanoma
16978	TINAG	6	54173667	melanoma
16979	TINAG	6	54185403	melanoma
16980	FAM83B	6	54735081	melanoma
16981	FAM83B	6	54735396	lung
16982	FAM83B	6	54735396	lung
16983	FAM83B	6	54735402	melanoma
16984	FAM83B	6	54804623	melanoma
16985	FAM83B	6	54804938	melanoma
16986	FAM83B	6	54804938	melanoma
16987	FAM83B	6	54805049	melanoma
16988	FAM83B	6	54805457	melanoma
16989	FAM83B	6	54806389	melanoma
16990	HCRTR2	6	55113511	melanoma
16991	HCRTR2	6	55145153	melanoma
16992	GFRAL	6	55196530	melanoma
16993	GFRAL	6	55223825	bladder

16994	HMGCLL1	6	55304270	melanoma
16995	HMGCLL1	6	55304326	melanoma
16996	HMGCLL1	6	55360227	Codel
16997	HMGCLL1	6	55360227	IDHmut
16998	HMGCLL1	6	55360227	IDHmut_codel
16999	HMGCLL1	6	55360227	LGG GBM
17000	HMGCLL1	6	55360227	Oligo
17001	HMGCLL1	6	55360227	Proneural
17002	HMGCLL1	6	55406543	melanoma
17003	HMGCLL1	6	55443765	lung
17004	BMP5	6	55623843	melanoma
17005	BMP5	6	55623853	melanoma
17006	BMP5	6	55659122	melanoma
17007	BMP5	6	55739275	melanoma
17008	COL21A1	6	55925565	melanoma
17009	COL21A1	6	55925580	melanoma
17010	COL21A1	6	55933878	melanoma
17011	COL21A1	6	56032969	melanoma
17012	COL21A1	6	56035587	melanoma
17013	COL21A1	6	56035587	melanoma
17014	COL21A1	6	56035908	melanoma
17015	COL21A1	6	56044618	melanoma
17016	COL21A1	6	56044856	melanoma
17017	DST	6	56376177	lung
17018	DST	6	56483794	melanoma
17019	DST	6	56496088	melanoma
17020	DST	6	56566691	Gbm
17021	DST	6	56566691	IDHwt
17022	DST	6	56566691	IDHwt_priGBM
17023	DST	6	56566691	LGG GBM
17024	DST	6	56566691	Mesenchymal
17025	DST	6	56566691	Mesenchymal_like
17026	ZNF451	6	56965693	melanoma
17027	ZNF451	6	57012567	hnsc
17028	ZNF451	6	57012567	hnsc
17029	ZNF451	6	57012567	hnsc
17030	KHDRBS2	6	62604557	melanoma
17031	KHDRBS2	6	62604557	melanoma
17032	KHDRBS2	6	62757877	lung
17033	KHDRBS2	6	62757877	lung
17034	LGSN	6	63990831	melanoma
17035	PHF3	6	64416105	melanoma
17036	EYS	6	65300953	lung
17037	EYS	6	65300953	lung
17038	EYS	6	65303067	melanoma
17039	EYS	6	66053951	melanoma
17040	EYS	6	66112428	melanoma
17041	EYS	6	66115168	melanoma
17042	EYS	6	66200525	melanoma
17043	ADGRB3	6	69666653	melanoma
17044	ADGRB3	6	69703768	melanoma
17045	ADGRB3	6	69703768	melanoma
17046	ADGRB3	6	69728293	lung
17047	ADGRB3	6	69728293	lung
17048	ADGRB3	6	69758097	melanoma
17049	ADGRB3	6	69758107	melanoma
17050	ADGRB3	6	70098703	melanoma
17051	LMBRD1	6	70447860	melanoma

17052	COL19A1	6	70778346	melanoma
17053	COL9A1	6	70964686	melanoma
17054	COL9A1	6	71003872	melanoma
17055	COL9A1	6	71003877	melanoma
17056	COL9A1	6	71003877	melanoma
17057	FAM135A	6	71186983	melanoma
17058	FAM135A	6	71186983	melanoma
17059	FAM135A	6	71234609	melanoma
17060	FAM135A	6	71235260	bladder
17061	SMAP1	6	71567861	melanoma
17062	RIMS1	6	72678699	melanoma
17063	RIMS1	6	72806849	melanoma
17064	RIMS1	6	72967911	Astr
17065	RIMS1	6	72967911	GCIMP_high
17066	RIMS1	6	72967911	IDHmut
17067	RIMS1	6	72967911	IDHmut_noncodel
17068	RIMS1	6	72967911	LGG GBM
17069	RIMS1	6	72967911	Proneural
17070	RIMS1	6	72968748	melanoma
17071	KCNQ5	6	73900345	melanoma
17072	KHDC1	6	73952162	melanoma
17073	KHDC1	6	73952162	melanoma
17074	DPPA5	6	74063066	melanoma
17075	DPPA5	6	74063752	Astr
17076	DPPA5	6	74063752	Astr
17077	DPPA5	6	74063752	IDHwt
17078	DPPA5	6	74063752	IDHwt
17079	DPPA5	6	74063752	LGG GBM
17080	DPPA5	6	74063752	LGG GBM
17081	DPPA5	6	74063752	Mesenchymal
17082	DPPA5	6	74063752	Mesenchymal
17083	DPPA5	6	74063752	Mesenchymal_like
17084	DPPA5	6	74063752	Mesenchymal_like
17085	DPPA5	6	74063914	Classic
17086	DPPA5	6	74063914	Classic_like
17087	DPPA5	6	74063914	Gbm
17088	DPPA5	6	74063914	IDHwt
17089	DPPA5	6	74063914	IDHwt_priGBM
17090	DPPA5	6	74063914	LGG GBM
17091	DPPA5	6	74063933	Codel
17092	DPPA5	6	74063933	IDHmut
17093	DPPA5	6	74063933	IDHmut_codel
17094	DPPA5	6	74063933	LGG GBM
17095	DPPA5	6	74063933	Proneural
17096	KHDC3L	6	74072827	lung
17097	DDX43	6	74104690	melanoma
17098	DDX43	6	74116150	melanoma
17099	DDX43	6	74124297	melanoma
17100	MTO1	6	74190042	bladder
17101	MTO1	6	74190042	bladder
17102	MTO1	6	74190042	hnsc
17103	EEF1A1	6	74227627	Classic
17104	EEF1A1	6	74227627	Classic
17105	EEF1A1	6	74227627	Gbm
17106	EEF1A1	6	74227627	Gbm
17107	EEF1A1	6	74227627	IDHwt
17108	EEF1A1	6	74227627	IDHwt
17109	EEF1A1	6	74227627	IDHwt_priGBM

17110	EEF1A1	6	74227627	IDHwt_priGBM
17111	EEF1A1	6	74227627	LGG GBM
17112	EEF1A1	6	74227627	LGG GBM
17113	EEF1A1	6	74228915	melanoma
17114	SLC17A5	6	74310114	melanoma
17115	SLC17A5	6	74320262	melanoma
17116	SLC17A5	6	74348180	melanoma
17117	SLC17A5	6	74351484	melanoma
17118	CD109	6	74477833	melanoma
17119	CD109	6	74477833	melanoma
17120	CD109	6	74492339	melanoma
17121	CD109	6	74495150	melanoma
17122	CD109	6	74495150	melanoma
17123	COL12A1	6	75834890	GCIMP_high
17124	COL12A1	6	75834890	GCIMP_high
17125	COL12A1	6	75834890	GCIMP_high
17126	COL12A1	6	75834890	IDHmut
17127	COL12A1	6	75834890	IDHmut
17128	COL12A1	6	75834890	IDHmut
17129	COL12A1	6	75834890	IDHmut_noncodel
17130	COL12A1	6	75834890	IDHmut_noncodel
17131	COL12A1	6	75834890	IDHmut_noncodel
17132	COL12A1	6	75834890	LGG GBM
17133	COL12A1	6	75834890	LGG GBM
17134	COL12A1	6	75834890	LGG GBM
17135	COL12A1	6	75834890	Oligo
17136	COL12A1	6	75834890	Oligo
17137	COL12A1	6	75834890	Oligo
17138	COL12A1	6	75834890	Proneural
17139	COL12A1	6	75834890	Proneural
17140	COL12A1	6	75834890	Proneural
17141	COL12A1	6	75848567	melanoma
17142	COL12A1	6	75898204	Codel
17143	COL12A1	6	75898204	IDHmut
17144	COL12A1	6	75898204	IDHmut_noncodel
17145	COL12A1	6	75898204	LGG GBM
17146	COL12A1	6	75898204	Oligo
17147	COL12A1	6	75898977	melanoma
17148	COL12A1	6	75901975	melanoma
17149	COL12A1	6	75901975	melanoma
17150	COL12A1	6	75904630	lung
17151	COX7A2	6	75947662	melanoma
17152	COX7A2	6	75947662	melanoma
17153	COX7A2	6	75953512	melanoma
17154	COX7A2	6	75953512	melanoma
17155	COX7A2	6	75953512	melanoma
17156	TMEM30A	6	75965897	melanoma
17157	FILIP1	6	76023057	melanoma
17158	FILIP1	6	76024890	melanoma
17159	SENP6	6	76343396	melanoma
17160	SENP6	6	76344458	melanoma
17161	SENP6	6	76372988	melanoma
17162	SENP6	6	76385668	melanoma
17163	SENP6	6	76385668	melanoma
17164	SENP6	6	76388404	melanoma
17165	SENP6	6	76388630	bladder
17166	MYO6	6	76558179	lung
17167	MYO6	6	76618318	melanoma

17168	IMPG1	6	76660775	melanoma
17169	IMPG1	6	76744406	Gbm
17170	IMPG1	6	76744406	LGG GBM
17171	IMPG1	6	76744406	Mesenchymal_like
17172	IMPG1	6	76744406	Neural
17173	HTR1B	6	78172273	melanoma
17174	PHIP	6	79697972	melanoma
17175	BCKDHB	6	81053471	GCIMP_high
17176	BCKDHB	6	81053471	IDHmut
17177	BCKDHB	6	81053471	IDHmut_noncodel
17178	BCKDHB	6	81053471	LGG GBM
17179	IBTK	6	82914672	melanoma
17180	IBTK	6	82914672	melanoma
17181	TPBG	6	83075528	lung
17182	TPBG	6	83075811	Codel
17183	TPBG	6	83075811	IDHmut
17184	TPBG	6	83075811	IDHmut_codel
17185	TPBG	6	83075811	LGG GBM
17186	TPBG	6	83075811	Oligo
17187	UBE3D	6	83728806	melanoma
17188	UBE3D	6	83728806	melanoma
17189	DOPEY1	6	83818642	melanoma
17190	DOPEY1	6	83835313	melanoma
17191	DOPEY1	6	83847809	melanoma
17192	ME1	6	83949269	melanoma
17193	ME1	6	84061836	melanoma
17194	ME1	6	84061836	melanoma
17195	PRSS35	6	84233190	melanoma
17196	PRSS35	6	84234272	lung
17197	PRSS35	6	84234272	lung
17198	PRSS35	6	84234272	lung
17199	SNAP91	6	84302688	melanoma
17200	SNAP91	6	84302688	melanoma
17201	SNAP91	6	84315475	melanoma
17202	SNAP91	6	84350864	melanoma
17203	SNAP91	6	84366496	Codel
17204	SNAP91	6	84366496	Codel
17205	SNAP91	6	84366496	Codel
17206	SNAP91	6	84366496	IDHmut
17207	SNAP91	6	84366496	IDHmut
17208	SNAP91	6	84366496	IDHmut
17209	SNAP91	6	84366496	IDHmut_codel
17210	SNAP91	6	84366496	IDHmut_codel
17211	SNAP91	6	84366496	IDHmut_codel
17212	SNAP91	6	84366496	LGG GBM
17213	SNAP91	6	84366496	LGG GBM
17214	SNAP91	6	84366496	LGG GBM
17215	SNAP91	6	84366496	Neural
17216	SNAP91	6	84366496	Neural
17217	SNAP91	6	84366496	Neural
17218	SNAP91	6	84366496	OligoAstr
17219	SNAP91	6	84366496	OligoAstr
17220	SNAP91	6	84366496	OligoAstr
17221	MRAP2	6	84765138	melanoma
17222	TBX18	6	85446614	melanoma
17223	TBX18	6	85457711	melanoma
17224	TBX18	6	85466570	melanoma
17225	NT5E	6	86203654	Gbm

17226	NT5E	6	86203654	IDHwt
17227	NT5E	6	86203654	IDHwt_priGBM
17228	NT5E	6	86203654	LGG GBM
17229	NT5E	6	86203654	Mesenchymal_like
17230	SNX14	6	86243418	melanoma
17231	SNX14	6	86243418	melanoma
17232	SYNCRIP	6	86324886	Astr
17233	SYNCRIP	6	86324886	Astr
17234	SYNCRIP	6	86324886	GCIMP_low
17235	SYNCRIP	6	86324886	GCIMP_low
17236	SYNCRIP	6	86324886	IDHmut
17237	SYNCRIP	6	86324886	IDHmut
17238	SYNCRIP	6	86324886	IDHmut_noncodel
17239	SYNCRIP	6	86324886	IDHmut_noncodel
17240	SYNCRIP	6	86324886	LGG GBM
17241	SYNCRIP	6	86324886	LGG GBM
17242	SYNCRIP	6	86324886	Proneural
17243	SYNCRIP	6	86324886	Proneural
17244	SYNCRIP	6	86328623	lung
17245	HTR1E	6	87725482	melanoma
17246	HTR1E	6	87725747	melanoma
17247	CGA	6	87797848	Classic_like
17248	CGA	6	87797848	Classic_like
17249	CGA	6	87797848	Gbm
17250	CGA	6	87797848	Gbm
17251	CGA	6	87797848	IDHwt
17252	CGA	6	87797848	IDHwt
17253	CGA	6	87797848	IDHwt_priGBM
17254	CGA	6	87797848	IDHwt_priGBM
17255	CGA	6	87797848	LGG GBM
17256	CGA	6	87797848	LGG GBM
17257	CGA	6	87797848	Mesenchymal
17258	CGA	6	87797848	Mesenchymal
17259	ZNF292	6	87955340	melanoma
17260	ZNF292	6	87955340	melanoma
17261	ZNF292	6	87966111	melanoma
17262	ZNF292	6	87966930	melanoma
17263	ZNF292	6	87966930	melanoma
17264	ZNF292	6	87966964	melanoma
17265	ZNF292	6	87966964	melanoma
17266	ZNF292	6	87967786	melanoma
17267	ZNF292	6	87969939	lung
17268	ZNF292	6	87970716	melanoma
17269	GJB7	6	87994176	melanoma
17270	GJB7	6	87994393	melanoma
17271	SMIM8	6	88046852	melanoma
17272	CFAP206	6	88125440	melanoma
17273	RARS2	6	88229954	Codel
17274	RARS2	6	88229954	IDHmut
17275	RARS2	6	88229954	IDHmut_codel
17276	RARS2	6	88229954	LGG GBM
17277	RARS2	6	88229954	Oligo
17278	RARS2	6	88229954	Proneural
17279	RARS2	6	88240584	melanoma
17280	ORC3	6	88318866	Gbm
17281	ORC3	6	88318866	IDHwt
17282	ORC3	6	88318866	IDHwt_priGBM
17283	ORC3	6	88318866	LGG GBM

17284	ORC3	6	88318866	Proneural
17285	ORC3	6	88331184	lung
17286	CNR1	6	88854839	melanoma
17287	RNGTT	6	89614468	melanoma
17288	RNGTT	6	89616137	melanoma
17289	GABRR1	6	89890156	melanoma
17290	RRAGD	6	90087463	melanoma
17291	RRAGD	6	90088978	melanoma
17292	RRAGD	6	90088978	melanoma
17293	RRAGD	6	90097052	melanoma
17294	RRAGD	6	90097132	melanoma
17295	ANKRD6	6	90340524	melanoma
17296	LYRM2	6	90347523	melanoma
17297	MDN1	6	90360511	Gbm
17298	MDN1	6	90360511	Gbm
17299	MDN1	6	90360511	Gbm
17300	MDN1	6	90360511	IDHwt
17301	MDN1	6	90360511	IDHwt
17302	MDN1	6	90360511	IDHwt
17303	MDN1	6	90360511	IDHwt_priGBM
17304	MDN1	6	90360511	IDHwt_priGBM
17305	MDN1	6	90360511	IDHwt_priGBM
17306	MDN1	6	90360511	LGG GBM
17307	MDN1	6	90360511	LGG GBM
17308	MDN1	6	90360511	LGG GBM
17309	MDN1	6	90360511	Mesenchymal_like
17310	MDN1	6	90360511	Mesenchymal_like
17311	MDN1	6	90360511	Mesenchymal_like
17312	MDN1	6	90360511	Neural
17313	MDN1	6	90360511	Neural
17314	MDN1	6	90360511	Neural
17315	MDN1	6	90394617	melanoma
17316	MDN1	6	90397847	melanoma
17317	MDN1	6	90400426	lung
17318	MDN1	6	90400426	lung
17319	MDN1	6	90468067	lung
17320	MDN1	6	90513051	melanoma
17321	BACH2	6	90642537	melanoma
17322	BACH2	6	90660837	melanoma
17323	MAP3K7	6	91233480	melanoma
17324	EPHA7	6	93956528	melanoma
17325	EPHA7	6	93956528	melanoma
17326	EPHA7	6	93964444	Astr
17327	EPHA7	6	93964444	GCIMP_low
17328	EPHA7	6	93964444	IDHmut
17329	EPHA7	6	93964444	IDHmut_noncodel
17330	EPHA7	6	93964444	LGG GBM
17331	EPHA7	6	93964444	Proneural
17332	EPHA7	6	93965656	melanoma
17333	EPHA7	6	93974361	melanoma
17334	EPHA7	6	94068055	melanoma
17335	EPHA7	6	94120845	Gbm
17336	EPHA7	6	94120845	IDHwt
17337	EPHA7	6	94120845	IDHwt_priGBM
17338	EPHA7	6	94120845	LGG GBM
17339	EPHA7	6	94120845	Mesenchymal_like
17340	EPHA7	6	94120845	Proneural
17341	MANEA	6	96034340	melanoma

17342	MANEA	6	96034341	melanoma
17343	MANEA	6	96034341	melanoma
17344	FUT9	6	96651317	melanoma
17345	UFL1	6	96985270	melanoma
17346	UFL1	6	96985270	melanoma
17347	FHL5	6	97052690	melanoma
17348	GPR63	6	97247070	melanoma
17349	GPR63	6	97247573	melanoma
17350	GPR63	6	97247573	melanoma
17351	KLHL32	6	97562091	melanoma
17352	MMS22L	6	97679330	melanoma
17353	MMS22L	6	97720624	melanoma
17354	MMS22L	6	97720747	lung
17355	MMS22L	6	97720747	lung
17356	FAXC	6	99771506	lung
17357	COQ3	6	99825317	melanoma
17358	USP45	6	99894267	lung
17359	CCNC	6	99997448	bladder
17360	CCNC	6	99999744	melanoma
17361	PRDM13	6	100062262	Astr
17362	PRDM13	6	100062262	Astr
17363	PRDM13	6	100062262	GCIMP_high
17364	PRDM13	6	100062262	GCIMP_high
17365	PRDM13	6	100062262	IDHmut
17366	PRDM13	6	100062262	IDHmut
17367	PRDM13	6	100062262	IDHmut_noncodel
17368	PRDM13	6	100062262	IDHmut_noncodel
17369	PRDM13	6	100062262	LGG GBM
17370	PRDM13	6	100062262	LGG GBM
17371	PRDM13	6	100062262	Mesenchymal
17372	PRDM13	6	100062262	Mesenchymal
17373	MCHR2	6	100390835	melanoma
17374	SIM1	6	100838922	Gbm
17375	SIM1	6	100838922	IDHwt
17376	SIM1	6	100838922	IDHwt_priGBM
17377	SIM1	6	100838922	LGG GBM
17378	SIM1	6	100838922	Mesenchymal_like
17379	SIM1	6	100838922	Neural
17380	SIM1	6	100841710	melanoma
17381	SIM1	6	100868795	hnscc
17382	ASCC3	6	101054729	Gbm
17383	ASCC3	6	101054729	IDHwt
17384	ASCC3	6	101054729	IDHwt_priGBM
17385	ASCC3	6	101054729	LGG GBM
17386	ASCC3	6	101054729	Mesenchymal
17387	ASCC3	6	101054729	Mesenchymal_like
17388	ASCC3	6	101076906	bladder
17389	ASCC3	6	101099464	melanoma
17390	ASCC3	6	101110337	melanoma
17391	ASCC3	6	101214520	melanoma
17392	GRIK2	6	102124623	melanoma
17393	GRIK2	6	102247637	lung
17394	GRIK2	6	102250215	melanoma
17395	GRIK2	6	102307279	melanoma
17396	GRIK2	6	102372589	melanoma
17397	GRIK2	6	102376371	melanoma
17398	GRIK2	6	102503405	melanoma
17399	GRIK2	6	102516280	melanoma

17400	GRIK2	6	102516280	melanoma
17401	HACE1	6	105198300	melanoma
17402	HACE1	6	105232863	Classic
17403	HACE1	6	105232863	IDHwt
17404	HACE1	6	105232863	LGG GBM
17405	HACE1	6	105232863	Mesenchymal_like
17406	HACE1	6	105232863	OligoAstr
17407	BVES	6	105577294	Classic
17408	BVES	6	105577294	Classic
17409	BVES	6	105577294	Classic
17410	BVES	6	105577294	Classic
17411	BVES	6	105577294	Gbm
17412	BVES	6	105577294	Gbm
17413	BVES	6	105577294	Gbm
17414	BVES	6	105577294	Gbm
17415	BVES	6	105577294	IDHwt
17416	BVES	6	105577294	IDHwt
17417	BVES	6	105577294	IDHwt
17418	BVES	6	105577294	IDHwt
17419	BVES	6	105577294	IDHwt_priGBM
17420	BVES	6	105577294	IDHwt_priGBM
17421	BVES	6	105577294	IDHwt_priGBM
17422	BVES	6	105577294	IDHwt_priGBM
17423	BVES	6	105577294	LGG GBM
17424	BVES	6	105577294	LGG GBM
17425	BVES	6	105577294	LGG GBM
17426	BVES	6	105577294	LGG GBM
17427	BVES	6	105577294	Mesenchymal_like
17428	BVES	6	105577294	Mesenchymal_like
17429	BVES	6	105577294	Mesenchymal_like
17430	BVES	6	105577294	Mesenchymal_like
17431	POPDC3	6	105609333	melanoma
17432	PRDM1	6	106547303	melanoma
17433	PRDM1	6	106547303	melanoma
17434	PRDM1	6	106553249	melanoma
17435	ATG5	6	106763999	lung
17436	CRYBG1	6	106967100	melanoma
17437	CRYBG1	6	106968516	IDHwt_priGBM2
17438	CRYBG1	6	106973216	melanoma
17439	CRYBG1	6	106973216	melanoma
17440	CRYBG1	6	106973216	melanoma
17441	CRYBG1	6	106992540	melanoma
17442	CRYBG1	6	107001363	bladder
17443	CRYBG1	6	107001363	bladder
17444	SCML4	6	108066267	IDHwt_priGBM2
17445	SCML4	6	108066315	lung
17446	SEC63	6	108197797	melanoma
17447	OSTM1	6	108372269	melanoma
17448	SESN1	6	109315698	bladder
17449	SESN1	6	109315700	bladder
17450	SESN1	6	109319921	melanoma
17451	CEP57L1	6	109468002	melanoma
17452	MICAL1	6	109769459	melanoma
17453	MICAL1	6	109769532	melanoma
17454	ZBTB24	6	109787239	Classic_like
17455	ZBTB24	6	109787239	Gbm
17456	ZBTB24	6	109787239	IDHwt
17457	ZBTB24	6	109787239	IDHwt_priGBM

17458	ZBTB24	6	109787239	LGG GBM
17459	ZBTB24	6	109803086	melanoma
17460	AK9	6	109867299	GCIMP_high
17461	AK9	6	109867299	IDHmut
17462	AK9	6	109867299	IDHmut_noncodel
17463	AK9	6	109867299	LGG GBM
17464	AK9	6	109867299	Oligo
17465	FIG4	6	110098250	melanoma
17466	GPR6	6	110300931	melanoma
17467	GPR6	6	110300977	Astr
17468	GPR6	6	110300977	Astr
17469	GPR6	6	110300977	Astr
17470	GPR6	6	110300977	Astr
17471	GPR6	6	110300977	Astr
17472	GPR6	6	110300977	Classic
17473	GPR6	6	110300977	Classic
17474	GPR6	6	110300977	Classic
17475	GPR6	6	110300977	Classic
17476	GPR6	6	110300977	Classic
17477	GPR6	6	110300977	IDHwt
17478	GPR6	6	110300977	IDHwt
17479	GPR6	6	110300977	IDHwt
17480	GPR6	6	110300977	IDHwt
17481	GPR6	6	110300977	IDHwt
17482	GPR6	6	110300977	LGG GBM
17483	GPR6	6	110300977	LGG GBM
17484	GPR6	6	110300977	LGG GBM
17485	GPR6	6	110300977	LGG GBM
17486	GPR6	6	110300977	LGG GBM
17487	GPR6	6	110300977	Mesenchymal_like
17488	GPR6	6	110300977	Mesenchymal_like
17489	GPR6	6	110300977	Mesenchymal_like
17490	GPR6	6	110300977	Mesenchymal_like
17491	GPR6	6	110300977	Mesenchymal_like
17492	GPR6	6	110301318	lung
17493	GPR6	6	110301318	lung
17494	WASF1	6	110423100	melanoma
17495	WASF1	6	110423100	melanoma
17496	WASF1	6	110423178	melanoma
17497	WASF1	6	110423178	melanoma
17498	CDC40	6	110531931	melanoma
17499	CDC40	6	110533366	melanoma
17500	METTL24	6	110567208	melanoma
17501	METTL24	6	110636582	bladder
17502	DDO	6	110714237	melanoma
17503	SLC22A16	6	110757127	melanoma
17504	SLC22A16	6	110760035	melanoma
17505	SLC22A16	6	110760035	melanoma
17506	SLC22A16	6	110760035	melanoma
17507	SLC22A16	6	110760035	melanoma
17508	SLC22A16	6	110797756	melanoma
17509	AMD1	6	111214737	melanoma
17510	RPF2	6	111306240	melanoma
17511	SLC16A10	6	111527859	melanoma
17512	SLC16A10	6	111527859	melanoma
17513	SLC16A10	6	111543398	melanoma
17514	MFSD4B	6	111583496	bladder
17515	MFSD4B	6	111583496	bladder

17516	REV3L	6	111652941	melanoma
17517	REV3L	6	111652941	melanoma
17518	REV3L	6	111680042	melanoma
17519	REV3L	6	111680076	lung
17520	REV3L	6	111695371	bladder
17521	REV3L	6	111695785	melanoma
17522	TRAF3IP2	6	111894165	melanoma
17523	FYN	6	112017516	lung
17524	WISP3	6	112385979	Gbm
17525	WISP3	6	112385979	IDHwt
17526	WISP3	6	112385979	IDHwt_priGBM
17527	WISP3	6	112385979	LGG GBM
17528	WISP3	6	112385979	LGm6_GBM
17529	WISP3	6	112385979	Proneural
17530	WISP3	6	112390647	melanoma
17531	LAMA4	6	112437179	melanoma
17532	LAMA4	6	112451142	lung
17533	LAMA4	6	112452201	melanoma
17534	LAMA4	6	112452201	melanoma
17535	LAMA4	6	112463454	lung
17536	LAMA4	6	112508657	melanoma
17537	LAMA4	6	112508657	melanoma
17538	HDAC2	6	114265554	melanoma
17539	HS3ST5	6	114378963	lung
17540	FRK	6	116325046	melanoma
17541	FRK	6	116325046	melanoma
17542	COL10A1	6	116441937	melanoma
17543	COL10A1	6	116441979	lung
17544	COL10A1	6	116443089	melanoma
17545	COL10A1	6	116446516	melanoma
17546	NT5DC1	6	116544280	GCIMP_high
17547	NT5DC1	6	116544280	IDHmut
17548	NT5DC1	6	116544280	IDHmut_noncodel
17549	NT5DC1	6	116544280	LGG GBM
17550	NT5DC1	6	116544280	Neural
17551	NT5DC1	6	116544280	Oligo
17552	DSE	6	116757091	melanoma
17553	DSE	6	116757091	melanoma
17554	DSE	6	116757607	lung
17555	DSE	6	116758408	melanoma
17556	FAM26E	6	116833380	melanoma
17557	FAM26E	6	116836892	melanoma
17558	RSPH4A	6	116949083	melanoma
17559	GPRC6A	6	117113477	melanoma
17560	GPRC6A	6	117113615	melanoma
17561	GPRC6A	6	117113748	melanoma
17562	GPRC6A	6	117114146	bladder
17563	GPRC6A	6	117127829	melanoma
17564	GPRC6A	6	117128119	melanoma
17565	GPRC6A	6	117130562	Codel
17566	GPRC6A	6	117130562	IDHmut
17567	GPRC6A	6	117130562	IDHmut_codel
17568	GPRC6A	6	117130562	LGG GBM
17569	GPRC6A	6	117130562	Oligo
17570	GPRC6A	6	117130562	Proneural
17571	GPRC6A	6	117130667	GCIMP_high
17572	GPRC6A	6	117130667	GCIMP_high
17573	GPRC6A	6	117130667	IDHmut

17574	GPRC6A	6	117130667	IDHmut
17575	GPRC6A	6	117130667	IDHmut_noncodel
17576	GPRC6A	6	117130667	IDHmut_noncodel
17577	GPRC6A	6	117130667	LGG GBM
17578	GPRC6A	6	117130667	LGG GBM
17579	GPRC6A	6	117130683	melanoma
17580	RFX6	6	117237235	melanoma
17581	RFX6	6	117237416	melanoma
17582	RFX6	6	117237416	melanoma
17583	RFX6	6	117245850	melanoma
17584	RFX6	6	117248364	melanoma
17585	RFX6	6	117248364	melanoma
17586	RFX6	6	117248364	melanoma
17587	RFX6	6	117248369	melanoma
17588	RFX6	6	117248511	melanoma
17589	RFX6	6	117248511	melanoma
17590	RFX6	6	117250008	melanoma
17591	RFX6	6	117252517	melanoma
17592	RFX6	6	117252524	melanoma
17593	RFX6	6	117252524	melanoma
17594	VGLL2	6	117589616	melanoma
17595	ROS1	6	117679091	melanoma
17596	ROS1	6	117681016	melanoma
17597	ROS1	6	117704580	melanoma
17598	ROS1	6	117718208	melanoma
17599	ROS1	6	117746814	melanoma
17600	DCBLD1	6	117866752	melanoma
17601	DCBLD1	6	117866752	melanoma
17602	SLC35F1	6	118475661	melanoma
17603	SLC35F1	6	118475661	melanoma
17604	CEP85L	6	118886705	lung
17605	CEP85L	6	118887255	melanoma
17606	FAM184A	6	119301415	Classic
17607	FAM184A	6	119301415	Classic_like
17608	FAM184A	6	119301415	Gbm
17609	FAM184A	6	119301415	IDHwt
17610	FAM184A	6	119301415	IDHwt_priGBM
17611	FAM184A	6	119301415	LGG GBM
17612	FAM184A	6	119324682	melanoma
17613	MAN1A1	6	119611873	melanoma
17614	MAN1A1	6	119611873	melanoma
17615	SERINC1	6	122772820	melanoma
17616	PKIB	6	123039097	melanoma
17617	FABP7	6	123101003	lung
17618	CLVS2	6	123332185	melanoma
17619	TRDN	6	123818379	melanoma
17620	TRDN	6	123833496	melanoma
17621	NKAIN2	6	124979504	Astr
17622	NKAIN2	6	124979504	Astr
17623	NKAIN2	6	124979504	GCIMP_high
17624	NKAIN2	6	124979504	GCIMP_high
17625	NKAIN2	6	124979504	IDHmut
17626	NKAIN2	6	124979504	IDHmut
17627	NKAIN2	6	124979504	IDHmut_noncodel
17628	NKAIN2	6	124979504	IDHmut_noncodel
17629	NKAIN2	6	124979504	LGG GBM
17630	NKAIN2	6	124979504	LGG GBM
17631	NKAIN2	6	124979504	Proneural

17632	NKAIN2	6	124979504	Proneural
17633	RNF217	6	125397971	melanoma
17634	HDDC2	6	125621762	melanoma
17635	HEY2	6	126075675	lung
17636	HEY2	6	126075675	lung
17637	HEY2	6	126080466	melanoma
17638	HEY2	6	126080793	Classic_like
17639	HEY2	6	126080793	Gbm
17640	HEY2	6	126080793	IDHwt
17641	HEY2	6	126080793	IDHwt_priGBM
17642	HEY2	6	126080793	LGG GBM
17643	HEY2	6	126080793	Mesenchymal
17644	TRMT11	6	126319221	melanoma
17645	TRMT11	6	126319221	melanoma
17646	ECHDC1	6	127648232	melanoma
17647	KIAA0408	6	127768623	melanoma
17648	SOGA3	6	127796760	IDHwt_priGBM2
17649	SOGA3	6	127796760	IDHwt_priGBM2
17650	SOGA3	6	127796760	IDHwt_priGBM2
17651	SOGA3	6	127796967	lung
17652	C6orf58	6	127898371	melanoma
17653	THEMIS	6	128134507	melanoma
17654	THEMIS	6	128222067	melanoma
17655	PTPRK	6	128304514	melanoma
17656	PTPRK	6	128404894	melanoma
17657	PTPRK	6	128404894	melanoma
17658	PTPRK	6	128643270	melanoma
17659	PTPRK	6	128643270	melanoma
17660	LAMA2	6	129475696	melanoma
17661	LAMA2	6	129759884	melanoma
17662	LAMA2	6	129781361	Astr
17663	LAMA2	6	129781361	GCIMP_high
17664	LAMA2	6	129781361	IDHmut
17665	LAMA2	6	129781361	IDHmut_noncodel
17666	LAMA2	6	129781361	LGG GBM
17667	LAMA2	6	129781361	Neural
17668	LAMA2	6	129823889	Codel
17669	LAMA2	6	129823889	IDHmut
17670	LAMA2	6	129823889	IDHmut_codel
17671	LAMA2	6	129823889	LGG GBM
17672	LAMA2	6	129823889	Oligo
17673	LAMA2	6	129823889	Proneural
17674	LAMA2	6	129833571	melanoma
17675	LAMA2	6	129833571	melanoma
17676	TMEM244	6	130154619	melanoma
17677	TMEM244	6	130154619	melanoma
17678	TMEM244	6	130166979	melanoma
17679	L3MBTL3	6	130370912	melanoma
17680	L3MBTL3	6	130370912	melanoma
17681	SAMD3	6	130536352	melanoma
17682	TMEM200A	6	130761743	melanoma
17683	TMEM200A	6	130761743	melanoma
17684	TMEM200A	6	130761791	melanoma
17685	TMEM200A	6	130762727	melanoma
17686	TMEM200A	6	130762757	melanoma
17687	TMEM200A	6	130762966	melanoma
17688	EPB41L2	6	131188657	melanoma
17689	EPB41L2	6	131216150	melanoma

17690	ARG1	6	131904523	bladder
17691	ARG1	6	131904523	bladder
17692	MED23	6	131917090	melanoma
17693	MED23	6	131929091	Astr
17694	MED23	6	131929091	GCIMP_high
17695	MED23	6	131929091	IDHmut
17696	MED23	6	131929091	IDHmut_noncodel
17697	MED23	6	131929091	LGG GBM
17698	MED23	6	131929091	Proneural
17699	ENPP3	6	131973982	melanoma
17700	ENPP3	6	131992402	melanoma
17701	ENPP1	6	132190627	melanoma
17702	ENPP1	6	132206136	lung
17703	ENPP1	6	132206136	lung
17704	CTGF	6	132271587	melanoma
17705	TAAR8	6	132874150	IDHwt_priGBM2
17706	TAAR8	6	132874150	IDHwt_priGBM2
17707	TAAR6	6	132891611	melanoma
17708	TAAR6	6	132891611	melanoma
17709	TAAR6	6	132891939	melanoma
17710	TAAR6	6	132891995	melanoma
17711	TAAR5	6	132909970	melanoma
17712	TAAR2	6	132939190	melanoma
17713	TAAR1	6	132966823	lung
17714	VNN1	6	133013424	melanoma
17715	VNN1	6	133013424	melanoma
17716	VNN2	6	133065593	melanoma
17717	VNN2	6	133077124	melanoma
17718	SLC18B1	6	133091447	bladder
17719	EYA4	6	133834092	melanoma
17720	EYA4	6	133836552	melanoma
17721	SLC2A12	6	134323175	melanoma
17722	SLC2A12	6	134349725	melanoma
17723	SLC2A12	6	134350155	melanoma
17724	SLC2A12	6	134350271	melanoma
17725	SLC2A12	6	134350359	lung
17726	SLC2A12	6	134350633	lung
17727	SGK1	6	134583187	melanoma
17728	ALDH8A1	6	135239927	melanoma
17729	ALDH8A1	6	135265085	melanoma
17730	HBS1L	6	135318643	melanoma
17731	HBS1L	6	135360903	melanoma
17732	MYB	6	135511305	melanoma
17733	MYB	6	135511305	melanoma
17734	AHI1	6	135754276	Codel
17735	AHI1	6	135754276	IDHmut
17736	AHI1	6	135754276	IDHmut_codel
17737	AHI1	6	135754276	LGG GBM
17738	AHI1	6	135754276	Oligo
17739	AHI1	6	135754381	melanoma
17740	AHI1	6	135754381	melanoma
17741	PDE7B	6	136472342	melanoma
17742	PDE7B	6	136472342	melanoma
17743	PDE7B	6	136472342	melanoma
17744	PDE7B	6	136500196	melanoma
17745	MTFR2	6	136554632	Classic
17746	MTFR2	6	136554632	Classic
17747	MTFR2	6	136554632	Gbm

17748	MTFR2	6	136554632	Gbm
17749	MTFR2	6	136554632	IDHwt
17750	MTFR2	6	136554632	IDHwt
17751	MTFR2	6	136554632	IDHwt_priGBM
17752	MTFR2	6	136554632	IDHwt_priGBM
17753	MTFR2	6	136554632	LGG GBM
17754	MTFR2	6	136554632	LGG GBM
17755	MTFR2	6	136554632	Mesenchymal_like
17756	MTFR2	6	136554632	Mesenchymal_like
17757	MTFR2	6	136554632	melanoma
17758	BCLAF1	6	136596694	Astr
17759	BCLAF1	6	136596694	Astr
17760	BCLAF1	6	136596694	GCIMP_high
17761	BCLAF1	6	136596694	GCIMP_high
17762	BCLAF1	6	136596694	IDHmut
17763	BCLAF1	6	136596694	IDHmut
17764	BCLAF1	6	136596694	IDHmut_noncodel
17765	BCLAF1	6	136596694	IDHmut_noncodel
17766	BCLAF1	6	136596694	LGG GBM
17767	BCLAF1	6	136596694	LGG GBM
17768	BCLAF1	6	136596694	Proneural
17769	BCLAF1	6	136596694	Proneural
17770	BCLAF1	6	136599576	melanoma
17771	BCLAF1	6	136599576	melanoma
17772	BCLAF1	6	136599579	melanoma
17773	MAP7	6	136667072	melanoma
17774	MAP3K5	6	136913620	melanoma
17775	MAP3K5	6	136913620	melanoma
17776	MAP3K5	6	136980443	melanoma
17777	PEX7	6	137191109	melanoma
17778	PEX7	6	137191109	melanoma
17779	PEX7	6	137234617	bladder
17780	IL20RA	6	137323266	bladder
17781	IL20RA	6	137329805	melanoma
17782	ARFGEF3	6	138559683	Classic
17783	ARFGEF3	6	138559683	Classic
17784	ARFGEF3	6	138559683	Gbm
17785	ARFGEF3	6	138559683	Gbm
17786	ARFGEF3	6	138559683	IDHwt
17787	ARFGEF3	6	138559683	IDHwt
17788	ARFGEF3	6	138559683	IDHwt_priGBM
17789	ARFGEF3	6	138559683	IDHwt_priGBM
17790	ARFGEF3	6	138559683	LGG GBM
17791	ARFGEF3	6	138559683	LGG GBM
17792	ARFGEF3	6	138559683	Mesenchymal_like
17793	ARFGEF3	6	138559683	Mesenchymal_like
17794	ARFGEF3	6	138576674	melanoma
17795	ARFGEF3	6	138576674	melanoma
17796	ARFGEF3	6	138584677	Gbm
17797	ARFGEF3	6	138584677	IDHwt
17798	ARFGEF3	6	138584677	IDHwt_priGBM
17799	ARFGEF3	6	138584677	LGG GBM
17800	ARFGEF3	6	138584677	Mesenchymal_like
17801	ARFGEF3	6	138601169	Astr
17802	ARFGEF3	6	138601169	IDHwt
17803	ARFGEF3	6	138601169	LGG GBM
17804	ARFGEF3	6	138601169	Mesenchymal
17805	ARFGEF3	6	138601169	Mesenchymal_like

17806	CCDC28A	6	139094866	melanoma
17807	REPS1	6	139226247	melanoma
17808	REPS1	6	139265030	melanoma
17809	REPS1	6	139265031	melanoma
17810	REPS1	6	139265031	melanoma
17811	REPS1	6	139265091	melanoma
17812	REPS1	6	139265091	melanoma
17813	REPS1	6	139265091	melanoma
17814	NMBR	6	142396885	melanoma
17815	NMBR	6	142396885	melanoma
17816	NMBR	6	142396885	melanoma
17817	NMBR	6	142397008	melanoma
17818	NMBR	6	142399931	melanoma
17819	ADGRG6	6	142691469	melanoma
17820	ADGRG6	6	142725024	lung
17821	ADGRG6	6	142737026	bladder
17822	ADGRG6	6	142737026	bladder
17823	ADGRG6	6	142741233	melanoma
17824	HIVEP2	6	143092946	melanoma
17825	HIVEP2	6	143093810	melanoma
17826	PHACTR2	6	144086812	Gbm
17827	PHACTR2	6	144086812	IDHwt
17828	PHACTR2	6	144086812	IDHwt_priGBM
17829	PHACTR2	6	144086812	LGG GBM
17830	PHACTR2	6	144086812	Mesenchymal
17831	PHACTR2	6	144086812	Mesenchymal_like
17832	PLAGL1	6	144263220	melanoma
17833	PLAGL1	6	144269140	melanoma
17834	STX11	6	144507968	bladder
17835	UTRN	6	144750002	melanoma
17836	UTRN	6	144761531	melanoma
17837	UTRN	6	144761531	melanoma
17838	UTRN	6	144843168	melanoma
17839	UTRN	6	144852230	melanoma
17840	UTRN	6	144876019	melanoma
17841	UTRN	6	145021286	bladder
17842	UTRN	6	145149966	Astr
17843	UTRN	6	145149966	GCIMP_high
17844	UTRN	6	145149966	IDHmut
17845	UTRN	6	145149966	IDHmut_noncodel
17846	UTRN	6	145149966	LGG GBM
17847	UTRN	6	145149966	Proneural
17848	SHPRH	6	146207862	melanoma
17849	SHPRH	6	146271573	lung
17850	GRM1	6	146351195	melanoma
17851	GRM1	6	146678732	melanoma
17852	GRM1	6	146678732	melanoma
17853	GRM1	6	146755366	lung
17854	GRM1	6	146755487	lung
17855	STXBP5	6	147635039	melanoma
17856	STXBP5	6	147680454	lung
17857	STXBP5	6	147680454	lung
17858	UST	6	149285670	melanoma
17859	UST	6	149285671	melanoma
17860	UST	6	149395020	melanoma
17861	TAB2	6	149700486	melanoma
17862	TAB2	6	149718764	hnscc
17863	TAB2	6	149720297	melanoma

17864	GINM1	6	149893424	melanoma
17865	LATS1	6	149983236	melanoma
17866	LATS1	6	149983236	melanoma
17867	LATS1	6	149983355	lung
17868	LATS1	6	150005255	melanoma
17869	PCMT1	6	150111138	GCIMP_high
17870	PCMT1	6	150111138	IDHmut
17871	PCMT1	6	150111138	IDHmut_noncodel
17872	PCMT1	6	150111138	LGG GBM
17873	PCMT1	6	150111138	Neural
17874	PCMT1	6	150111138	Oligo
17875	PLEKHG1	6	151055190	melanoma
17876	PLEKHG1	6	151142337	melanoma
17877	PLEKHG1	6	151151947	melanoma
17878	PLEKHG1	6	151151947	melanoma
17879	PLEKHG1	6	151151947	melanoma
17880	PLEKHG1	6	151151947	melanoma
17881	PLEKHG1	6	151151947	melanoma
17882	PLEKHG1	6	151152279	melanoma
17883	PLEKHG1	6	151153303	melanoma
17884	PLEKHG1	6	151153303	melanoma
17885	MTHFD1L	6	151187167	melanoma
17886	MTHFD1L	6	151281447	melanoma
17887	MTHFD1L	6	151336782	bladder
17888	ZBTB2	6	151687420	Gbm
17889	ZBTB2	6	151687420	IDHwt
17890	ZBTB2	6	151687420	IDHwt_priGBM
17891	ZBTB2	6	151687420	LGG GBM
17892	ZBTB2	6	151687420	Mesenchymal_like
17893	CCDC170	6	151857532	melanoma
17894	CCDC170	6	151859312	melanoma
17895	SYNE1	6	152454470	melanoma
17896	SYNE1	6	152454470	melanoma
17897	SYNE1	6	152461140	Classic
17898	SYNE1	6	152461140	Gbm
17899	SYNE1	6	152461140	IDHwt
17900	SYNE1	6	152461140	IDHwt_priGBM
17901	SYNE1	6	152461140	LGG GBM
17902	SYNE1	6	152461140	Mesenchymal_like
17903	SYNE1	6	152527476	Gbm
17904	SYNE1	6	152527476	Gbm
17905	SYNE1	6	152527476	IDHwt
17906	SYNE1	6	152527476	IDHwt
17907	SYNE1	6	152527476	IDHwt_priGBM
17908	SYNE1	6	152527476	IDHwt_priGBM
17909	SYNE1	6	152527476	LGG GBM
17910	SYNE1	6	152527476	LGG GBM
17911	SYNE1	6	152527476	Mesenchymal
17912	SYNE1	6	152527476	Mesenchymal
17913	SYNE1	6	152527476	Mesenchymal_like
17914	SYNE1	6	152527476	Mesenchymal_like
17915	SYNE1	6	152560703	lung
17916	SYNE1	6	152560817	melanoma
17917	SYNE1	6	152638094	melanoma
17918	SYNE1	6	152651104	melanoma
17919	SYNE1	6	152651712	IDHwt_priGBM2
17920	SYNE1	6	152720766	melanoma
17921	SYNE1	6	152728270	melanoma

17922	SYNE1	6	152740733	lung
17923	SYNE1	6	152740733	lung
17924	SYNE1	6	152762294	melanoma
17925	SYNE1	6	152772316	melanoma
17926	SYNE1	6	152826486	melanoma
17927	VIP	6	153073334	bladder
17928	OPRM1	6	154412347	Gbm
17929	OPRM1	6	154412347	IDHwt
17930	OPRM1	6	154412347	IDHwt_priGBM
17931	OPRM1	6	154412347	LGG GBM
17932	IPCEF1	6	154520946	melanoma
17933	TIAM2	6	155451186	melanoma
17934	TIAM2	6	155451241	melanoma
17935	TIAM2	6	155451385	melanoma
17936	TIAM2	6	155451385	melanoma
17937	TIAM2	6	155465769	melanoma
17938	TIAM2	6	155486482	melanoma
17939	TIAM2	6	155486482	melanoma
17940	TIAM2	6	155532427	melanoma
17941	TIAM2	6	155561833	melanoma
17942	TIAM2	6	155573096	lung
17943	TFB1M	6	155579125	melanoma
17944	NOX3	6	155764520	melanoma
17945	ARID1B	6	157100376	melanoma
17946	ARID1B	6	157100376	melanoma
17947	ARID1B	6	157522095	melanoma
17948	ARID1B	6	157525120	Codel
17949	ARID1B	6	157525120	IDHmut
17950	ARID1B	6	157525120	IDHmut_codel
17951	ARID1B	6	157525120	LGG GBM
17952	ARID1B	6	157525120	Neural
17953	ARID1B	6	157525120	OligoAstr
17954	ZDHHC14	6	158066824	melanoma
17955	ZDHHC14	6	158094024	melanoma
17956	ZDHHC14	6	158094024	melanoma
17957	ZDHHC14	6	158094024	melanoma
17958	SNX9	6	158331016	Gbm
17959	SNX9	6	158331016	Gbm
17960	SNX9	6	158331016	IDHwt
17961	SNX9	6	158331016	IDHwt
17962	SNX9	6	158331016	IDHwt_priGBM
17963	SNX9	6	158331016	IDHwt_priGBM
17964	SNX9	6	158331016	LGG GBM
17965	SNX9	6	158331016	LGG GBM
17966	SNX9	6	158331016	Mesenchymal
17967	SNX9	6	158331016	Mesenchymal
17968	SYNJ2	6	158438287	Classic_like
17969	SYNJ2	6	158438287	Classic_like
17970	SYNJ2	6	158438287	Gbm
17971	SYNJ2	6	158438287	Gbm
17972	SYNJ2	6	158438287	IDHwt
17973	SYNJ2	6	158438287	IDHwt
17974	SYNJ2	6	158438287	IDHwt_priGBM
17975	SYNJ2	6	158438287	IDHwt_priGBM
17976	SYNJ2	6	158438287	LGG GBM
17977	SYNJ2	6	158438287	LGG GBM
17978	SYNJ2	6	158438287	Neural
17979	SYNJ2	6	158438287	Neural

17980	SYNJ2	6	158476011	melanoma
17981	SYNJ2	6	158502511	melanoma
17982	SYNJ2	6	158502511	melanoma
17983	TULP4	6	158919736	lung
17984	TULP4	6	158922785	lung
17985	TULP4	6	158923121	bladder
17986	TULP4	6	158923486	lung
17987	TULP4	6	158923486	lung
17988	TULP4	6	158923774	melanoma
17989	TMEM181	6	159050801	bladder
17990	SYTL3	6	159146586	melanoma
17991	FNDC1	6	159618496	Codel
17992	FNDC1	6	159618496	IDHmut
17993	FNDC1	6	159618496	IDHmut_codel
17994	FNDC1	6	159618496	LGG GBM
17995	FNDC1	6	159618496	Mesenchymal
17996	FNDC1	6	159618496	Oligo
17997	FNDC1	6	159653559	melanoma
17998	FNDC1	6	159655434	melanoma
17999	FNDC1	6	159687239	melanoma
18000	SOD2	6	160109163	melanoma
18001	SOD2	6	160113648	melanoma
18002	WTAP	6	160169310	melanoma
18003	WTAP	6	160176453	Astr
18004	WTAP	6	160176453	IDHwt
18005	WTAP	6	160176453	LGG GBM
18006	WTAP	6	160176453	Neural
18007	WTAP	6	160176453	PA like
18008	MAS1	6	160328063	lung
18009	MAS1	6	160328063	lung
18010	MAS1	6	160328085	melanoma
18011	MAS1	6	160328322	melanoma
18012	MAS1	6	160328816	melanoma
18013	IGF2R	6	160484644	melanoma
18014	IGF2R	6	160494940	melanoma
18015	IGF2R	6	160511028	melanoma
18016	SLC22A1	6	160551209	lung
18017	SLC22A1	6	160557588	melanoma
18018	SLC22A1	6	160560690	lung
18019	SLC22A2	6	160645833	melanoma
18020	SLC22A2	6	160663335	melanoma
18021	SLC22A2	6	160664679	melanoma
18022	SLC22A2	6	160671629	melanoma
18023	SLC22A2	6	160671629	melanoma
18024	SLC22A2	6	160671629	melanoma
18025	SLC22A2	6	160677689	melanoma
18026	SLC22A2	6	160677689	melanoma
18027	SLC22A2	6	160677689	melanoma
18028	SLC22A3	6	160858208	lung
18029	SLC22A3	6	160858208	lung
18030	LPA	6	160978535	lung
18031	LPA	6	161006177	Classic
18032	LPA	6	161006177	Gbm
18033	LPA	6	161006177	IDHwt
18034	LPA	6	161006177	IDHwt_priGBM
18035	LPA	6	161006177	LGG GBM
18036	LPA	6	161007525	melanoma
18037	LPA	6	161007615	melanoma

18038	LPA	6	161015063	melanoma
18039	LPA	6	161015063	melanoma
18040	LPA	6	161020545	lung
18041	LPA	6	161026189	melanoma
18042	LPA	6	161071436	melanoma
18043	PLG	6	161152867	melanoma
18044	PLG	6	161152867	melanoma
18045	PLG	6	161162350	hnsc
18046	MAP3K4	6	161470596	melanoma
18047	MAP3K4	6	161470962	melanoma
18048	MAP3K4	6	161470962	melanoma
18049	MAP3K4	6	161470962	melanoma
18050	MAP3K4	6	161470962	melanoma
18051	MAP3K4	6	161470962	melanoma
18052	MAP3K4	6	161470962	melanoma
18053	MAP3K4	6	161522959	melanoma
18054	MAP3K4	6	161522959	melanoma
18055	MAP3K4	6	161522959	melanoma
18056	MAP3K4	6	161527602	Classic_like
18057	MAP3K4	6	161527602	Classic_like
18058	MAP3K4	6	161527602	Gbm
18059	MAP3K4	6	161527602	Gbm
18060	MAP3K4	6	161527602	IDHwt
18061	MAP3K4	6	161527602	IDHwt
18062	MAP3K4	6	161527602	IDHwt_priGBM
18063	MAP3K4	6	161527602	IDHwt_priGBM
18064	MAP3K4	6	161527602	LGG GBM
18065	MAP3K4	6	161527602	LGG GBM
18066	MAP3K4	6	161527602	Mesenchymal
18067	MAP3K4	6	161527602	Mesenchymal
18068	MAP3K4	6	161528978	melanoma
18069	AGPAT4	6	161560492	melanoma
18070	AGPAT4	6	161560492	melanoma
18071	AGPAT4	6	161560585	melanoma
18072	PACRG	6	163510341	Classic
18073	PACRG	6	163510341	Classic_like
18074	PACRG	6	163510341	Gbm
18075	PACRG	6	163510341	LGG GBM
18076	C6orf118	6	165715396	Astr
18077	C6orf118	6	165715396	GCIMP_high
18078	C6orf118	6	165715396	IDHmut
18079	C6orf118	6	165715396	IDHmut_noncodel
18080	C6orf118	6	165715396	LGG GBM
18081	C6orf118	6	165715396	Proneural
18082	PDE10A	6	165752842	melanoma
18083	PDE10A	6	165809905	melanoma
18084	T	6	166575979	melanoma
18085	T	6	166575979	melanoma
18086	T	6	166579237	Classic
18087	T	6	166579237	IDHwt
18088	T	6	166579237	LGG GBM
18089	T	6	166579237	Oligo
18090	T	6	166579237	PA_like
18091	RPS6KA2	6	166904214	lung
18092	CCR6	6	167549965	Gbm
18093	CCR6	6	167549965	IDHwt
18094	CCR6	6	167549965	IDHwt_priGBM
18095	CCR6	6	167549965	LGG GBM

18096	CCR6	6	167549965	Mesenchymal_like
18097	CCR6	6	167549965	Proneural
18098	GPR31	6	167570484	melanoma
18099	GPR31	6	167571255	lung
18100	UNC93A	6	167709567	Gbm
18101	UNC93A	6	167709567	Gbm
18102	UNC93A	6	167709567	Gbm
18103	UNC93A	6	167709567	IDHwt
18104	UNC93A	6	167709567	IDHwt
18105	UNC93A	6	167709567	IDHwt
18106	UNC93A	6	167709567	IDHwt_priGBM
18107	UNC93A	6	167709567	IDHwt_priGBM
18108	UNC93A	6	167709567	IDHwt_priGBM
18109	UNC93A	6	167709567	LGG GBM
18110	UNC93A	6	167709567	LGG GBM
18111	UNC93A	6	167709567	LGG GBM
18112	UNC93A	6	167709567	Mesenchymal
18113	UNC93A	6	167709567	Mesenchymal
18114	UNC93A	6	167709567	Mesenchymal
18115	UNC93A	6	167709567	Mesenchymal_like
18116	UNC93A	6	167709567	Mesenchymal_like
18117	UNC93A	6	167709567	Mesenchymal_like
18118	UNC93A	6	167721317	melanoma
18119	UNC93A	6	167728765	melanoma
18120	UNC93A	6	167728765	melanoma
18121	TTLL2	6	167754469	melanoma
18122	TTLL2	6	167754547	melanoma
18123	TCP10	6	167796322	melanoma
18124	AFDN	6	168315382	hnscc
18125	AFDN	6	168349061	melanoma
18126	AFDN	6	168352029	melanoma
18127	KIF25	6	168443339	melanoma
18128	KIF25	6	168443352	Classic_like
18129	KIF25	6	168443352	Classic_like
18130	KIF25	6	168443352	Gbm
18131	KIF25	6	168443352	Gbm
18132	KIF25	6	168443352	IDHwt
18133	KIF25	6	168443352	IDHwt
18134	KIF25	6	168443352	IDHwt_priGBM
18135	KIF25	6	168443352	IDHwt_priGBM
18136	KIF25	6	168443352	LGG GBM
18137	KIF25	6	168443352	LGG GBM
18138	KIF25	6	168443352	Proneural
18139	KIF25	6	168443352	Proneural
18140	FRMD1	6	168461569	lung
18141	FRMD1	6	168479594	melanoma
18142	THBS2	6	169622348	melanoma
18143	THBS2	6	169642008	melanoma
18144	WDR27	6	170052047	Astr
18145	WDR27	6	170052047	Astr
18146	WDR27	6	170052047	Codel
18147	WDR27	6	170052047	Codel
18148	WDR27	6	170052047	IDHmut
18149	WDR27	6	170052047	IDHmut
18150	WDR27	6	170052047	IDHmut_codel
18151	WDR27	6	170052047	IDHmut_codel
18152	WDR27	6	170052047	LGG GBM
18153	WDR27	6	170052047	LGG GBM

18154	WDR27	6	170052047	Neural
18155	WDR27	6	170052047	Neural
18156	WDR27	6	170059581	melanoma
18157	WDR27	6	170064291	lung
18158	PHF10	6	170105360	melanoma
18159	PHF10	6	170105360	melanoma
18160	PDGFA	7	550534	melanoma
18161	PDGFA	7	550534	melanoma
18162	DNAAF5	7	769336	melanoma
18163	DNAAF5	7	769336	melanoma
18164	DNAAF5	7	813704	Gbm
18165	DNAAF5	7	813704	GCIMP_high
18166	DNAAF5	7	813704	IDHmut
18167	DNAAF5	7	813704	IDHmut_noncodel
18168	DNAAF5	7	813704	LGG GBM
18169	GET4	7	931947	melanoma
18170	ADAP1	7	944779	Classic
18171	ADAP1	7	944779	Classic
18172	ADAP1	7	944779	Classic
18173	ADAP1	7	944779	Classic_like
18174	ADAP1	7	944779	Classic_like
18175	ADAP1	7	944779	Classic_like
18176	ADAP1	7	944779	IDHwt
18177	ADAP1	7	944779	IDHwt
18178	ADAP1	7	944779	IDHwt
18179	ADAP1	7	944779	LGG GBM
18180	ADAP1	7	944779	LGG GBM
18181	ADAP1	7	944779	LGG GBM
18182	ADAP1	7	944779	OligoAstr
18183	ADAP1	7	944779	OligoAstr
18184	ADAP1	7	944779	OligoAstr
18185	COX19	7	1012825	bladder
18186	GPER1	7	1131651	GCIMP_high
18187	GPER1	7	1131651	GCIMP_high
18188	GPER1	7	1131651	GCIMP_high
18189	GPER1	7	1131651	IDHmut
18190	GPER1	7	1131651	IDHmut
18191	GPER1	7	1131651	IDHmut
18192	GPER1	7	1131651	IDHmut_noncodel
18193	GPER1	7	1131651	IDHmut_noncodel
18194	GPER1	7	1131651	IDHmut_noncodel
18195	GPER1	7	1131651	LGG GBM
18196	GPER1	7	1131651	LGG GBM
18197	GPER1	7	1131651	LGG GBM
18198	GPER1	7	1131651	Proneural
18199	GPER1	7	1131651	Proneural
18200	GPER1	7	1131651	Proneural
18201	GPER1	7	1131828	lung
18202	GPER1	7	1132187	melanoma
18203	INTS1	7	1538106	lung
18204	INTS1	7	1538106	lung
18205	MAFK	7	1579970	melanoma
18206	TMEM184A	7	1588278	bladder
18207	MAD1L1	7	2269722	Gbm
18208	MAD1L1	7	2269722	IDHwt
18209	MAD1L1	7	2269722	IDHwt_priGBM
18210	MAD1L1	7	2269722	LGG GBM
18211	MAD1L1	7	2269722	Mesenchymal

18212	MAD1L1	7	2269722	Mesenchymal_like
18213	MRM2	7	2275038	melanoma
18214	MRM2	7	2275038	melanoma
18215	MRM2	7	2275038	melanoma
18216	EIF3B	7	2394908	lung
18217	EIF3B	7	2394908	lung
18218	BRAT1	7	2583413	melanoma
18219	BRAT1	7	2583413	melanoma
18220	BRAT1	7	2587082	melanoma
18221	IQCE	7	2645618	melanoma
18222	GNA12	7	2771305	lung
18223	GNA12	7	2771305	lung
18224	GNA12	7	2771305	lung
18225	GNA12	7	2771305	lung
18226	CARD11	7	2951889	melanoma
18227	CARD11	7	2968290	melanoma
18228	CARD11	7	2983911	Classic
18229	CARD11	7	2983911	Classic_like
18230	CARD11	7	2983911	IDHwt
18231	CARD11	7	2983911	LGG GBM
18232	CARD11	7	2983911	OligoAstr
18233	CARD11	7	2983971	Classic_like
18234	CARD11	7	2983971	Gbm
18235	CARD11	7	2983971	IDHwt
18236	CARD11	7	2983971	IDHwt_priGBM
18237	CARD11	7	2983971	LGG GBM
18238	CARD11	7	2983971	Mesenchymal
18239	CARD11	7	2985525	melanoma
18240	CARD11	7	2985525	melanoma
18241	SDK1	7	3658801	melanoma
18242	SDK1	7	4050700	Gbm
18243	SDK1	7	4050700	Gbm
18244	SDK1	7	4050700	IDHwt
18245	SDK1	7	4050700	IDHwt
18246	SDK1	7	4050700	IDHwt_priGBM
18247	SDK1	7	4050700	IDHwt_priGBM
18248	SDK1	7	4050700	LGG GBM
18249	SDK1	7	4050700	LGG GBM
18250	SDK1	7	4050700	Mesenchymal
18251	SDK1	7	4050700	Mesenchymal
18252	SDK1	7	4050700	Mesenchymal_like
18253	SDK1	7	4050700	Mesenchymal_like
18254	SDK1	7	4050739	Classic_like
18255	SDK1	7	4050739	Gbm
18256	SDK1	7	4050739	IDHwt
18257	SDK1	7	4050739	IDHwt_priGBM
18258	SDK1	7	4050739	LGG GBM
18259	SDK1	7	4088995	melanoma
18260	SDK1	7	4091415	lung
18261	SDK1	7	4091415	lung
18262	SDK1	7	4107504	lung
18263	SDK1	7	4119169	melanoma
18264	SDK1	7	4150382	melanoma
18265	SDK1	7	4150382	melanoma
18266	SDK1	7	4152958	melanoma
18267	SDK1	7	4152958	melanoma
18268	SDK1	7	4152971	melanoma
18269	SDK1	7	4152971	melanoma

18270	SDK1	7	4172034	melanoma
18271	SDK1	7	4185446	Astr
18272	SDK1	7	4185446	GCIMP_high
18273	SDK1	7	4185446	IDHmut
18274	SDK1	7	4185446	IDHmut_noncodel
18275	SDK1	7	4185446	LGG GBM
18276	SDK1	7	4185446	Proneural
18277	SDK1	7	4201430	melanoma
18278	SDK1	7	4201430	melanoma
18279	SDK1	7	4213935	lung
18280	SDK1	7	4247864	melanoma
18281	SDK1	7	4281472	melanoma
18282	AP5Z1	7	4821369	melanoma
18283	PAPOLB	7	4899642	melanoma
18284	RADIL	7	4917283	melanoma
18285	RBAK	7	5105162	melanoma
18286	WIPI2	7	5256804	Codel
18287	WIPI2	7	5256804	IDHmut
18288	WIPI2	7	5256804	IDHmut_codel
18289	WIPI2	7	5256804	LGG GBM
18290	WIPI2	7	5256804	Mesenchymal
18291	WIPI2	7	5256804	Oligo
18292	SLC29A4	7	5330480	Gbm
18293	SLC29A4	7	5330480	IDHwt
18294	SLC29A4	7	5330480	IDHwt_priGBM
18295	SLC29A4	7	5330480	LGG GBM
18296	SLC29A4	7	5330480	Proneural
18297	SLC29A4	7	5334562	melanoma
18298	TNRC18	7	5352141	melanoma
18299	TNRC18	7	5416615	melanoma
18300	TNRC18	7	5434181	bladder
18301	TNRC18	7	5434181	bladder
18302	FBXL18	7	5540267	melanoma
18303	FBXL18	7	5540267	melanoma
18304	FBXL18	7	5540267	melanoma
18305	FBXL18	7	5540267	melanoma
18306	FBXL18	7	5540761	Astr
18307	FBXL18	7	5540761	IDHwt
18308	FBXL18	7	5540761	LGG GBM
18309	FBXL18	7	5540761	Neural
18310	FBXL18	7	5540761	PA_like
18311	ACTB	7	5567507	bladder
18312	ACTB	7	5569191	hnscc
18313	SPH10B;RSPH10E	7	6006525	melanoma
18314	SPH10B;RSPH10E	7	6006588	hnscc
18315	PMS2	7	6026897	melanoma
18316	PMS2	7	6026897	melanoma
18317	PMS2	7	6037033	lung
18318	PMS2	7	6037033	lung
18319	PMS2	7	6037033	lung
18320	PMS2	7	6045580	Astr
18321	PMS2	7	6045580	GCIMP_high
18322	PMS2	7	6045580	IDHmut
18323	PMS2	7	6045580	IDHmut_noncodel
18324	PMS2	7	6045580	LGG GBM
18325	EIF2AK1	7	6066495	melanoma
18326	EIF2AK1	7	6066495	melanoma
18327	FAM220A	7	6370652	melanoma

18328	FAM220A	7	6370652	melanoma
18329	RAC1	7	6426892	melanoma
18330	RAC1	7	6426892	melanoma
18331	RAC1	7	6426892	melanoma
18332	RAC1	7	6426892	melanoma
18333	RAC1	7	6426892	melanoma
18334	DAGLB	7	6449599	Gbm
18335	DAGLB	7	6449599	IDHwt
18336	DAGLB	7	6449599	IDHwt_priGBM
18337	DAGLB	7	6449599	LGG GBM
18338	DAGLB	7	6449599	Mesenchymal_like
18339	DAGLB	7	6465639	melanoma
18340	GRID2IP	7	6579431	bladder
18341	ZDHHC4	7	6621802	melanoma
18342	ZDHHC4	7	6621802	melanoma
18343	ZDHHC4	7	6621802	melanoma
18344	C7orf26	7	6631307	lung
18345	ZNF853	7	6661875	melanoma
18346	ZNF12	7	6730862	melanoma
18347	ZNF12	7	6731184	melanoma
18348	COL28A1	7	7495728	Astr
18349	COL28A1	7	7495728	IDHwt
18350	COL28A1	7	7495728	LGG GBM
18351	COL28A1	7	7495728	Mesenchymal
18352	COL28A1	7	7495728	Mesenchymal_like
18353	COL28A1	7	7559706	melanoma
18354	MIOS	7	7613292	melanoma
18355	MIOS	7	7634627	melanoma
18356	GLCCI1	7	8099790	melanoma
18357	GLCCI1	7	8099790	melanoma
18358	GLCCI1	7	8099790	melanoma
18359	GLCCI1	7	8110576	bladder
18360	GLCCI1	7	8126080	melanoma
18361	GLCCI1	7	8126080	melanoma
18362	GLCCI1	7	8126080	melanoma
18363	NDUFA4	7	10979661	Classic
18364	NDUFA4	7	10979661	Classic_like
18365	NDUFA4	7	10979661	Gbm
18366	NDUFA4	7	10979661	IDHwt
18367	NDUFA4	7	10979661	IDHwt_priGBM
18368	NDUFA4	7	10979661	LGG GBM
18369	PHF14	7	11022496	melanoma
18370	THSD7A	7	11446008	melanoma
18371	THSD7A	7	11446619	melanoma
18372	THSD7A	7	11452391	melanoma
18373	THSD7A	7	11487003	Gbm
18374	THSD7A	7	11487003	IDHwt
18375	THSD7A	7	11487003	IDHwt_priGBM
18376	THSD7A	7	11487003	LGG GBM
18377	THSD7A	7	11487003	Mesenchymal_like
18378	THSD7A	7	11514108	melanoma
18379	THSD7A	7	11630090	melanoma
18380	THSD7A	7	11632983	melanoma
18381	THSD7A	7	11632983	melanoma
18382	TMEM106B	7	12263922	melanoma
18383	TMEM106B	7	12263922	melanoma
18384	TMEM106B	7	12271507	melanoma
18385	VWDE	7	12391337	melanoma

18386	VWDE	7	12409653	melanoma
18387	SCIN	7	12666371	melanoma
18388	SCIN	7	12666371	melanoma
18389	SCIN	7	12668832	Astr
18390	SCIN	7	12668832	GCIMP_high
18391	SCIN	7	12668832	IDHmut
18392	SCIN	7	12668832	IDHmut_noncodel
18393	SCIN	7	12668832	LGG GBM
18394	SCIN	7	12668832	Proneural
18395	DGKB	7	14517843	melanoma
18396	DGKB	7	14517843	melanoma
18397	DGKB	7	14613847	melanoma
18398	DGKB	7	14613847	melanoma
18399	DGKB	7	14613886	melanoma
18400	DGKB	7	14613944	melanoma
18401	DGKB	7	14647077	melanoma
18402	DGKB	7	14669880	melanoma
18403	DGKB	7	14669880	melanoma
18404	DGKB	7	14669880	melanoma
18405	AGMO	7	15405162	melanoma
18406	AGMO	7	15405162	melanoma
18407	AGMO	7	15458208	Astr
18408	AGMO	7	15458208	Astr
18409	AGMO	7	15458208	GCIMP_high
18410	AGMO	7	15458208	GCIMP_high
18411	AGMO	7	15458208	IDHmut
18412	AGMO	7	15458208	IDHmut
18413	AGMO	7	15458208	IDHmut_noncodel
18414	AGMO	7	15458208	IDHmut_noncodel
18415	AGMO	7	15458208	LGG GBM
18416	AGMO	7	15458208	LGG GBM
18417	MEOX2	7	15666406	melanoma
18418	MEOX2	7	15666406	melanoma
18419	MEOX2	7	15725629	lung
18420	ISPD	7	16341057	melanoma
18421	ISPD	7	16341057	melanoma
18422	BZW2	7	16737683	melanoma
18423	BZW2	7	16737683	melanoma
18424	AGR2	7	16839421	lung
18425	AGR2	7	16839421	lung
18426	AGR2	7	16839421	lung
18427	AGR2	7	16839421	lung
18428	AGR3	7	16900195	melanoma
18429	AHR	7	17378807	melanoma
18430	AHR	7	17378807	melanoma
18431	SNX13	7	17841230	melanoma
18432	SNX13	7	17843172	melanoma
18433	SNX13	7	17937059	melanoma
18434	HDAC9	7	18631231	melanoma
18435	HDAC9	7	18687412	melanoma
18436	HDAC9	7	18687412	melanoma
18437	HDAC9	7	18687519	melanoma
18438	HDAC9	7	18687519	melanoma
18439	HDAC9	7	18705858	melanoma
18440	HDAC9	7	18705858	melanoma
18441	TWIST1	7	19156384	lung
18442	TWISTNB	7	19739780	melanoma
18443	TWISTNB	7	19739780	melanoma

18444	TMEM196	7	19765216	Gbm
18445	TMEM196	7	19765216	IDHwt
18446	TMEM196	7	19765216	IDHwt_priGBM
18447	TMEM196	7	19765216	LGG GBM
18448	TMEM196	7	19765216	Mesenchymal
18449	TMEM196	7	19765216	Mesenchymal_like
18450	TMEM196	7	19765303	melanoma
18451	MACC1	7	20180577	melanoma
18452	MACC1	7	20180649	melanoma
18453	MACC1	7	20197903	melanoma
18454	MACC1	7	20198131	melanoma
18455	MACC1	7	20199042	lung
18456	MACC1	7	20199787	melanoma
18457	ITGB8	7	20418799	melanoma
18458	ABCB5	7	20685666	bladder
18459	ABCB5	7	20782585	melanoma
18460	SP4	7	21469571	lung
18461	DNAH11	7	21611464	Classic
18462	DNAH11	7	21611464	Classic_like
18463	DNAH11	7	21611464	Gbm
18464	DNAH11	7	21611464	IDHwt
18465	DNAH11	7	21611464	IDHwt_priGBM
18466	DNAH11	7	21611464	LGG GBM
18467	DNAH11	7	21627698	melanoma
18468	DNAH11	7	21628966	melanoma
18469	DNAH11	7	21640336	melanoma
18470	DNAH11	7	21640336	melanoma
18471	DNAH11	7	21640448	melanoma
18472	DNAH11	7	21640731	Astr
18473	DNAH11	7	21640731	GCIMP_high
18474	DNAH11	7	21640731	IDHmut
18475	DNAH11	7	21640731	IDHmut_noncodel
18476	DNAH11	7	21640731	LGG GBM
18477	DNAH11	7	21640731	Proneural
18478	DNAH11	7	21641137	lung
18479	DNAH11	7	21654784	melanoma
18480	DNAH11	7	21655905	melanoma
18481	DNAH11	7	21657375	lung
18482	DNAH11	7	21659635	melanoma
18483	DNAH11	7	21678596	melanoma
18484	DNAH11	7	21698497	melanoma
18485	DNAH11	7	21737798	lung
18486	DNAH11	7	21737803	lung
18487	DNAH11	7	21742343	melanoma
18488	DNAH11	7	21742343	melanoma
18489	DNAH11	7	21742356	Astr
18490	DNAH11	7	21742356	Classic
18491	DNAH11	7	21742356	IDHwt
18492	DNAH11	7	21742356	LGG GBM
18493	DNAH11	7	21742356	Mesenchymal_like
18494	DNAH11	7	21751430	melanoma
18495	DNAH11	7	21775426	melanoma
18496	DNAH11	7	21775426	melanoma
18497	DNAH11	7	21781579	melanoma
18498	DNAH11	7	21826333	melanoma
18499	DNAH11	7	21840789	melanoma
18500	DNAH11	7	21840789	melanoma
18501	DNAH11	7	21893991	melanoma

18502	DNAH11	7	21920360	Gbm
18503	DNAH11	7	21920360	IDHwt
18504	DNAH11	7	21920360	IDHwt_priGBM
18505	DNAH11	7	21920360	LGG GBM
18506	DNAH11	7	21920360	LGM6_GBM
18507	CDC47L	7	21943744	melanoma
18508	RAPGEF5	7	22347983	melanoma
18509	STEAP1B	7	22532195	melanoma
18510	IL6	7	22769188	GCIMP_high
18511	IL6	7	22769188	IDHmut
18512	IL6	7	22769188	IDHmut_noncodel
18513	IL6	7	22769188	LGG GBM
18514	IL6	7	22769188	Neural
18515	IL6	7	22769188	Oligo
18516	FAM126A	7	22985627	IDHwt_priGBM2
18517	NUPL2	7	23226712	lung
18518	GPNMB	7	23299667	melanoma
18519	CCDC126	7	23682666	melanoma
18520	STK31	7	23775478	melanoma
18521	STK31	7	23792339	melanoma
18522	STK31	7	23792339	melanoma
18523	STK31	7	23792431	melanoma
18524	STK31	7	23794034	melanoma
18525	STK31	7	23823253	bladder
18526	STK31	7	23825101	melanoma
18527	STK31	7	23825139	bladder
18528	STK31	7	23854767	melanoma
18529	NPY	7	24329168	Astr
18530	NPY	7	24329168	Classic
18531	NPY	7	24329168	IDHwt
18532	NPY	7	24329168	LGG GBM
18533	NPY	7	24329168	Mesenchymal_like
18534	MPP6	7	24690161	melanoma
18535	MPP6	7	24690161	melanoma
18536	MPP6	7	24690161	melanoma
18537	MPP6	7	24708169	melanoma
18538	DFNA5	7	24738875	melanoma
18539	DFNA5	7	24784316	melanoma
18540	DFNA5	7	24784316	melanoma
18541	OSBPL3	7	24870422	melanoma
18542	C7orf31	7	25181910	melanoma
18543	NFE2L3	7	26192398	melanoma
18544	NFE2L3	7	26224301	melanoma
18545	SKAP2	7	26724441	melanoma
18546	HOXA1	7	27134105	melanoma
18547	HOXA1	7	27134105	melanoma
18548	HOXA2	7	27142031	Gbm
18549	HOXA2	7	27142031	Gbm
18550	HOXA2	7	27142031	GCIMP_low
18551	HOXA2	7	27142031	GCIMP_low
18552	HOXA2	7	27142031	IDHmut
18553	HOXA2	7	27142031	IDHmut
18554	HOXA2	7	27142031	IDHmut_noncodel
18555	HOXA2	7	27142031	IDHmut_noncodel
18556	HOXA2	7	27142031	LGG GBM
18557	HOXA2	7	27142031	LGG GBM
18558	HOXA2	7	27142031	Proneural
18559	HOXA2	7	27142031	Proneural

18560	HOXA3	7	27147763	melanoma
18561	HOXA3	7	27147764	melanoma
18562	HOXA3	7	27147896	IDHwt_priGBM2
18563	HOXA3	7	27147896	IDHwt_priGBM2
18564	HOXA3	7	27150106	melanoma
18565	HOXA4	7	27168924	melanoma
18566	HOXA4	7	27169173	lung
18567	HOXA4	7	27169173	lung
18568	HOXA4	7	27169173	lung
18569	HOXA6	7	27185435	Classic_like
18570	HOXA6	7	27185435	Gbm
18571	HOXA6	7	27185435	IDHwt
18572	HOXA6	7	27185435	IDHwt_priGBM
18573	HOXA6	7	27185435	LGG GBM
18574	HOXA6	7	27185435	Mesenchymal
18575	HOXA11	7	27224615	lung
18576	HOXA11	7	27224615	lung
18577	TAX1BP1	7	27827205	melanoma
18578	JAZF1	7	27872450	melanoma
18579	JAZF1	7	27872450	melanoma
18580	CREB5	7	28527806	melanoma
18581	CPVL	7	29070242	melanoma
18582	WIPF3	7	29915528	lung
18583	WIPF3	7	29915534	lung
18584	WIPF3	7	29927750	melanoma
18585	WIPF3	7	29927750	melanoma
18586	SCRN1	7	29976287	melanoma
18587	SCRN1	7	29980354	melanoma
18588	SCRN1	7	29980354	melanoma
18589	PLEKHA8	7	30092411	melanoma
18590	MTURN	7	30174862	Gbm
18591	MTURN	7	30174862	IDHwt
18592	MTURN	7	30174862	IDHwt_priGBM
18593	MTURN	7	30174862	LGG GBM
18594	MTURN	7	30174862	Mesenchymal
18595	NOD1	7	30492239	melanoma
18596	NOD1	7	30492365	Classic
18597	NOD1	7	30492365	Classic_like
18598	NOD1	7	30492365	Gbm
18599	NOD1	7	30492365	IDHwt
18600	NOD1	7	30492365	IDHwt_priGBM
18601	NOD1	7	30492365	LGG GBM
18602	NOD1	7	30496386	melanoma
18603	CRHR2	7	30693147	GCIMP_high
18604	CRHR2	7	30693147	GCIMP_high
18605	CRHR2	7	30693147	IDHmut
18606	CRHR2	7	30693147	IDHmut
18607	CRHR2	7	30693147	IDHmut_noncodel
18608	CRHR2	7	30693147	IDHmut_noncodel
18609	CRHR2	7	30693147	LGG GBM
18610	CRHR2	7	30693147	LGG GBM
18611	CRHR2	7	30693147	Oligo
18612	CRHR2	7	30693147	Oligo
18613	CRHR2	7	30693147	Proneural
18614	CRHR2	7	30693147	Proneural
18615	INMT	7	30795310	melanoma
18616	INMT	7	30795310	melanoma
18617	INMT	7	30795310	melanoma

18618	AQP1	7	30961834	Gbm
18619	AQP1	7	30961834	Gbm
18620	AQP1	7	30961834	Gbm
18621	AQP1	7	30961834	Gbm
18622	AQP1	7	30961834	IDHwt
18623	AQP1	7	30961834	IDHwt
18624	AQP1	7	30961834	IDHwt
18625	AQP1	7	30961834	IDHwt
18626	AQP1	7	30961834	IDHwt_priGBM
18627	AQP1	7	30961834	IDHwt_priGBM
18628	AQP1	7	30961834	IDHwt_priGBM
18629	AQP1	7	30961834	IDHwt_priGBM
18630	AQP1	7	30961834	LGG GBM
18631	AQP1	7	30961834	LGG GBM
18632	AQP1	7	30961834	LGG GBM
18633	AQP1	7	30961834	LGG GBM
18634	AQP1	7	30961834	Mesenchymal_like
18635	AQP1	7	30961834	Mesenchymal_like
18636	AQP1	7	30961834	Mesenchymal_like
18637	AQP1	7	30961834	Mesenchymal_like
18638	AQP1	7	30963089	melanoma
18639	GHRHR	7	31011669	melanoma
18640	GHRHR	7	31018779	melanoma
18641	ADCYAP1R1	7	31124995	melanoma
18642	ADCYAP1R1	7	31144501	lung
18643	NEUROD6	7	31378426	melanoma
18644	CCDC129	7	31622794	melanoma
18645	CCDC129	7	31682624	Astr
18646	CCDC129	7	31682624	Astr
18647	CCDC129	7	31682624	Classic
18648	CCDC129	7	31682624	Classic
18649	CCDC129	7	31682624	Classic_like
18650	CCDC129	7	31682624	Classic_like
18651	CCDC129	7	31682624	IDHwt
18652	CCDC129	7	31682624	IDHwt
18653	CCDC129	7	31682624	LGG GBM
18654	CCDC129	7	31682624	LGG GBM
18655	CCDC129	7	31690768	bladder
18656	PPP1R17	7	31736719	melanoma
18657	PDE1C	7	31855673	Classic
18658	PDE1C	7	31855673	Classic_like
18659	PDE1C	7	31855673	Gbm
18660	PDE1C	7	31855673	IDHwt
18661	PDE1C	7	31855673	IDHwt_priGBM
18662	PDE1C	7	31855673	LGG GBM
18663	PDE1C	7	31862792	melanoma
18664	PDE1C	7	31862792	melanoma
18665	PDE1C	7	31862792	melanoma
18666	PDE1C	7	31864521	melanoma
18667	PDE1C	7	31890294	melanoma
18668	PDE1C	7	31890294	melanoma
18669	PDE1C	7	31890345	Classic
18670	PDE1C	7	31890345	Classic_like
18671	PDE1C	7	31890345	Gbm
18672	PDE1C	7	31890345	IDHwt
18673	PDE1C	7	31890345	IDHwt_priGBM
18674	PDE1C	7	31890345	LGG GBM
18675	PDE1C	7	31920444	melanoma

18676	PDE1C	7	32209408	lung
18677	LSM5	7	32527311	lung
18678	AVL9	7	32591016	melanoma
18679	AVL9	7	32591016	melanoma
18680	KBTBD2	7	32909852	melanoma
18681	KBTBD2	7	32909852	melanoma
18682	FKBP9	7	33039765	melanoma
18683	FKBP9	7	33039765	melanoma
18684	NT5C3A	7	33066484	melanoma
18685	BBS9	7	33407445	melanoma
18686	BBS9	7	33407445	melanoma
18687	BBS9	7	33423340	melanoma
18688	BBS9	7	33423401	lung
18689	BBS9	7	33427707	melanoma
18690	BMPER	7	34118498	melanoma
18691	BMPER	7	34125428	melanoma
18692	BMPER	7	34192733	melanoma
18693	BMPER	7	34192805	melanoma
18694	BMPER	7	34192848	melanoma
18695	NPSR1	7	34698055	melanoma
18696	NPSR1	7	34867072	melanoma
18697	NPSR1	7	34867072	melanoma
18698	NPSR1	7	34867072	melanoma
18699	NPSR1	7	34867073	melanoma
18700	NPSR1	7	34884547	melanoma
18701	NPSR1	7	34884547	melanoma
18702	DPY19L1	7	34971301	melanoma
18703	DPY19L1	7	35006576	melanoma
18704	DPY19L1	7	35006576	melanoma
18705	TBX20	7	35242187	melanoma
18706	TBX20	7	35242317	melanoma
18707	7-Sep	7	35913372	melanoma
18708	KIAA0895	7	36366434	melanoma
18709	KIAA0895	7	36374756	melanoma
18710	ANLN	7	36438858	melanoma
18711	ANLN	7	36447489	lung
18712	ANLN	7	36447500	melanoma
18713	ANLN	7	36478889	Gbm
18714	ANLN	7	36478889	IDHwt
18715	ANLN	7	36478889	IDHwt_priGBM
18716	ANLN	7	36478889	LGG GBM
18717	ANLN	7	36478889	Mesenchymal_like
18718	ANLN	7	36478889	Proneural
18719	AOAH	7	36580015	melanoma
18720	ELMO1	7	36910021	melanoma
18721	ELMO1	7	37172811	Gbm
18722	ELMO1	7	37172811	Gbm
18723	ELMO1	7	37172811	IDHwt
18724	ELMO1	7	37172811	IDHwt
18725	ELMO1	7	37172811	IDHwt_priGBM
18726	ELMO1	7	37172811	IDHwt_priGBM
18727	ELMO1	7	37172811	LGG GBM
18728	ELMO1	7	37172811	LGG GBM
18729	ELMO1	7	37172811	Mesenchymal
18730	ELMO1	7	37172811	Mesenchymal
18731	ELMO1	7	37172811	Mesenchymal_like
18732	ELMO1	7	37172811	Mesenchymal_like
18733	ELMO1	7	37298915	Classic

18734	ELMO1	7	37298915	Gbm
18735	ELMO1	7	37298915	IDHwt
18736	ELMO1	7	37298915	IDHwt_priGBM
18737	ELMO1	7	37298915	LGG GBM
18738	GPR141	7	37780117	melanoma
18739	GPR141	7	37780117	melanoma
18740	NME8	7	37923962	bladder
18741	EPDR1	7	37989856	melanoma
18742	STARD3NL	7	38259219	melanoma
18743	STARD3NL	7	38259219	melanoma
18744	AMPH	7	38500893	melanoma
18745	AMPH	7	38500893	melanoma
18746	AMPH	7	38516566	Gbm
18747	AMPH	7	38516566	IDHwt
18748	AMPH	7	38516566	IDHwt_priGBM
18749	AMPH	7	38516566	LGG GBM
18750	AMPH	7	38516566	Mesenchymal
18751	AMPH	7	38516566	Mesenchymal_like
18752	POU6F2	7	39247159	melanoma
18753	POU6F2	7	39379364	melanoma
18754	POU6F2	7	39446334	melanoma
18755	YAE1D1	7	39612016	Classic_like
18756	YAE1D1	7	39612016	Gbm
18757	YAE1D1	7	39612016	IDHwt
18758	YAE1D1	7	39612016	IDHwt_priGBM
18759	YAE1D1	7	39612016	LGG GBM
18760	CDK13	7	40039057	Gbm
18761	CDK13	7	40039057	IDHwt
18762	CDK13	7	40039057	IDHwt_priGBM
18763	CDK13	7	40039057	LGG GBM
18764	CDK13	7	40039057	Mesenchymal
18765	CDK13	7	40039057	Mesenchymal_like
18766	CDK13	7	40087448	melanoma
18767	CDK13	7	40117639	Classic
18768	CDK13	7	40117639	Gbm
18769	CDK13	7	40117639	IDHwt
18770	CDK13	7	40117639	IDHwt_priGBM
18771	CDK13	7	40117639	LGG GBM
18772	CDK13	7	40117639	Mesenchymal_like
18773	SUGCT	7	40228112	Gbm
18774	SUGCT	7	40228112	IDHwt
18775	SUGCT	7	40228112	IDHwt_priGBM
18776	SUGCT	7	40228112	LGG GBM
18777	SUGCT	7	40228112	Mesenchymal
18778	SUGCT	7	40899974	GCIMP_high
18779	SUGCT	7	40899974	GCIMP_high
18780	SUGCT	7	40899974	GCIMP_high
18781	SUGCT	7	40899974	IDHmut
18782	SUGCT	7	40899974	IDHmut
18783	SUGCT	7	40899974	IDHmut
18784	SUGCT	7	40899974	IDHmut_noncodel
18785	SUGCT	7	40899974	IDHmut_noncodel
18786	SUGCT	7	40899974	IDHmut_noncodel
18787	SUGCT	7	40899974	LGG GBM
18788	SUGCT	7	40899974	LGG GBM
18789	SUGCT	7	40899974	LGG GBM
18790	SUGCT	7	40899974	Neural
18791	SUGCT	7	40899974	Neural

18792	SUGCT	7	40899974	Neural
18793	SUGCT	7	40899974	Oligo
18794	SUGCT	7	40899974	Oligo
18795	SUGCT	7	40899974	Oligo
18796	SUGCT	7	40900016	lung
18797	INHBA	7	41739744	melanoma
18798	GLI3	7	42004019	bladder
18799	GLI3	7	42004019	bladder
18800	GLI3	7	42004019	bladder
18801	GLI3	7	42085052	melanoma
18802	GLI3	7	42088281	melanoma
18803	HECW1	7	43360248	Classic_like
18804	HECW1	7	43360248	Classic_like
18805	HECW1	7	43360248	Classic_like
18806	HECW1	7	43360248	Gbm
18807	HECW1	7	43360248	Gbm
18808	HECW1	7	43360248	Gbm
18809	HECW1	7	43360248	IDHwt
18810	HECW1	7	43360248	IDHwt
18811	HECW1	7	43360248	IDHwt
18812	HECW1	7	43360248	IDHwt_priGBM
18813	HECW1	7	43360248	IDHwt_priGBM
18814	HECW1	7	43360248	IDHwt_priGBM
18815	HECW1	7	43360248	LGG GBM
18816	HECW1	7	43360248	LGG GBM
18817	HECW1	7	43360248	LGG GBM
18818	HECW1	7	43360248	Mesenchymal
18819	HECW1	7	43360248	Mesenchymal
18820	HECW1	7	43360248	Mesenchymal
18821	HECW1	7	43400494	bladder
18822	HECW1	7	43400494	bladder
18823	HECW1	7	43447188	melanoma
18824	HECW1	7	43483912	melanoma
18825	HECW1	7	43484873	melanoma
18826	HECW1	7	43484873	melanoma
18827	HECW1	7	43484873	melanoma
18828	HECW1	7	43495908	melanoma
18829	STK17A	7	43635577	melanoma
18830	STK17A	7	43659287	melanoma
18831	STK17A	7	43659287	melanoma
18832	STK17A	7	43659287	melanoma
18833	COA1	7	43687182	Codel
18834	COA1	7	43687182	Codel
18835	COA1	7	43687182	Codel
18836	COA1	7	43687182	IDHmut
18837	COA1	7	43687182	IDHmut
18838	COA1	7	43687182	IDHmut
18839	COA1	7	43687182	IDHmut_codel
18840	COA1	7	43687182	IDHmut_codel
18841	COA1	7	43687182	IDHmut_codel
18842	COA1	7	43687182	LGG GBM
18843	COA1	7	43687182	LGG GBM
18844	COA1	7	43687182	LGG GBM
18845	COA1	7	43687182	Mesenchymal
18846	COA1	7	43687182	Mesenchymal
18847	COA1	7	43687182	Mesenchymal
18848	COA1	7	43687182	Oligo
18849	COA1	7	43687182	Oligo

18850	COA1	7	43687182	Oligo
18851	URGCP	7	43917123	Gbm
18852	URGCP	7	43917123	Gbm
18853	URGCP	7	43917123	IDHwt
18854	URGCP	7	43917123	IDHwt
18855	URGCP	7	43917123	IDHwt_priGBM
18856	URGCP	7	43917123	IDHwt_priGBM
18857	URGCP	7	43917123	LGG GBM
18858	URGCP	7	43917123	LGG GBM
18859	URGCP	7	43917123	Mesenchymal
18860	URGCP	7	43917123	Mesenchymal
18861	URGCP	7	43917123	Mesenchymal_like
18862	URGCP	7	43917123	Mesenchymal_like
18863	URGCP	7	43917540	Classic_like
18864	URGCP	7	43917540	Gbm
18865	URGCP	7	43917540	IDHwt
18866	URGCP	7	43917540	IDHwt_priGBM
18867	URGCP	7	43917540	LGG GBM
18868	URGCP	7	43917540	Proneural
18869	PGAM2	7	44104959	hnscc
18870	POLM	7	44120489	melanoma
18871	POLD2	7	44155765	melanoma
18872	POLD2	7	44155765	melanoma
18873	POLD2	7	44156612	melanoma
18874	MYL7	7	44179122	melanoma
18875	CAMK2B	7	44259752	melanoma
18876	CAMK2B	7	44281932	melanoma
18877	NPC1L1	7	44553146	melanoma
18878	NPC1L1	7	44553146	melanoma
18879	NPC1L1	7	44553180	melanoma
18880	NPC1L1	7	44556501	melanoma
18881	NPC1L1	7	44556501	melanoma
18882	OGDH	7	44687322	hnscc
18883	OGDH	7	44733442	melanoma
18884	OGDH	7	44733442	melanoma
18885	OGDH	7	44737090	Codel
18886	OGDH	7	44737090	IDHmut
18887	OGDH	7	44737090	IDHmut_codel
18888	OGDH	7	44737090	LGG GBM
18889	OGDH	7	44737090	Oligo
18890	OGDH	7	44737090	Proneural
18891	ZMIZ2	7	44797030	melanoma
18892	ZMIZ2	7	44805829	melanoma
18893	ZMIZ2	7	44807152	melanoma
18894	MYO1G	7	45006286	melanoma
18895	MYO1G	7	45006286	melanoma
18896	MYO1G	7	45007262	IDHwt
18897	MYO1G	7	45007262	IDHwt
18898	MYO1G	7	45007262	LGG GBM
18899	MYO1G	7	45007262	LGG GBM
18900	MYO1G	7	45007262	Mesenchymal_like
18901	MYO1G	7	45007262	Mesenchymal_like
18902	MYO1G	7	45007262	Neural
18903	MYO1G	7	45007262	Neural
18904	MYO1G	7	45016656	Classic
18905	MYO1G	7	45016656	Classic_like
18906	MYO1G	7	45016656	Gbm
18907	MYO1G	7	45016656	IDHwt

18908	MYO1G	7	45016656	IDHwt_priGBM
18909	MYO1G	7	45016656	LGG GBM
18910	TBRG4	7	45143709	melanoma
18911	TBRG4	7	45143798	melanoma
18912	TBRG4	7	45143798	melanoma
18913	TBRG4	7	45143798	melanoma
18914	TBRG4	7	45148560	melanoma
18915	RAMP3	7	45217022	melanoma
18916	ADCY1	7	45649981	lung
18917	ADCY1	7	45699747	Astr
18918	ADCY1	7	45699747	GCIMP_high
18919	ADCY1	7	45699747	IDHmut
18920	ADCY1	7	45699747	IDHmut_noncodel
18921	ADCY1	7	45699747	LGG GBM
18922	ADCY1	7	45699747	Proneural
18923	ADCY1	7	45699747	melanoma
18924	ADCY1	7	45719321	Gbm
18925	ADCY1	7	45719321	IDHwt
18926	ADCY1	7	45719321	IDHwt_priGBM
18927	ADCY1	7	45719321	LGG GBM
18928	ADCY1	7	45719321	Mesenchymal
18929	ADCY1	7	45725672	melanoma
18930	ADCY1	7	45726183	melanoma
18931	ADCY1	7	45743213	lung
18932	IGFBP3	7	45954537	melanoma
18933	IGFBP3	7	45954537	melanoma
18934	TNS3	7	47319937	lung
18935	TNS3	7	47319937	lung
18936	TNS3	7	47408183	Classic_like
18937	TNS3	7	47408183	Classic_like
18938	TNS3	7	47408183	Gbm
18939	TNS3	7	47408183	Gbm
18940	TNS3	7	47408183	LGG GBM
18941	TNS3	7	47408183	LGG GBM
18942	TNS3	7	47408183	Mesenchymal
18943	TNS3	7	47408183	Mesenchymal
18944	TNS3	7	47451350	melanoma
18945	TNS3	7	47451350	melanoma
18946	TNS3	7	47454800	IDHwt_priGBM2
18947	TNS3	7	47454800	IDHwt_priGBM2
18948	TNS3	7	47479167	melanoma
18949	PKD1L1	7	47882580	bladder
18950	PKD1L1	7	47886616	melanoma
18951	PKD1L1	7	47927635	melanoma
18952	PKD1L1	7	47933635	melanoma
18953	PKD1L1	7	47944006	melanoma
18954	PKD1L1	7	47955182	bladder
18955	SUN3	7	48056914	melanoma
18956	UPP1	7	48142985	melanoma
18957	UPP1	7	48147010	melanoma
18958	ABCA13	7	48232616	melanoma
18959	ABCA13	7	48269433	melanoma
18960	ABCA13	7	48269433	melanoma
18961	ABCA13	7	48311922	Codel
18962	ABCA13	7	48311922	IDHmut
18963	ABCA13	7	48311922	IDHmut_codel
18964	ABCA13	7	48311922	LGG GBM
18965	ABCA13	7	48311922	Proneural

18966	ABCA13	7	48312783	melanoma
18967	ABCA13	7	48313393	IDHwt_priGBM2
18968	ABCA13	7	48314017	melanoma
18969	ABCA13	7	48315477	melanoma
18970	ABCA13	7	48315594	melanoma
18971	ABCA13	7	48315594	melanoma
18972	ABCA13	7	48317803	melanoma
18973	ABCA13	7	48318274	melanoma
18974	ABCA13	7	48338035	melanoma
18975	ABCA13	7	48428663	melanoma
18976	ABCA13	7	48528867	melanoma
18977	ABCA13	7	48528867	melanoma
18978	ABCA13	7	48528870	melanoma
18979	ABCA13	7	48545958	melanoma
18980	ABCA13	7	48556365	melanoma
18981	ABCA13	7	48556365	melanoma
18982	ABCA13	7	48556373	lung
18983	ABCA13	7	48556373	lung
18984	ABCA13	7	48556373	lung
18985	ABCA13	7	48559655	lung
18986	ABCA13	7	48682976	melanoma
18987	ZBPB	7	50023025	Classic
18988	ZBPB	7	50023025	IDHwt
18989	ZBPB	7	50023025	LGG GBM
18990	ZBPB	7	50023025	Mesenchymal_like
18991	ZBPB	7	50097662	Gbm
18992	ZBPB	7	50097662	IDHwt
18993	ZBPB	7	50097662	IDHwt_priGBM
18994	ZBPB	7	50097662	LGG GBM
18995	ZBPB	7	50097662	Mesenchymal
18996	ZBPB	7	50097665	melanoma
18997	C7orf72	7	50136124	IDHwt_priGBM2
18998	C7orf72	7	50191062	melanoma
18999	IKZF1	7	50435716	melanoma
19000	DDC	7	50607722	Classic_like
19001	DDC	7	50607722	Gbm
19002	DDC	7	50607722	IDHwt
19003	DDC	7	50607722	IDHwt_priGBM
19004	DDC	7	50607722	LGG GBM
19005	DDC	7	50607722	Mesenchymal
19006	GRB10	7	50737501	melanoma
19007	COBL	7	51096349	melanoma
19008	COBL	7	51258732	melanoma
19009	POM121L12	7	53103702	melanoma
19010	POM121L12	7	53103822	melanoma
19011	POM121L12	7	53103926	melanoma
19012	POM121L12	7	53104085	melanoma
19013	POM121L12	7	53104220	melanoma
19014	VSTM2A	7	54617710	melanoma
19015	EGFR	7	55210075	Astr
19016	EGFR	7	55210075	Classic
19017	EGFR	7	55210075	IDHwt
19018	EGFR	7	55210075	LGG GBM
19019	EGFR	7	55210075	Mesenchymal_like
19020	EGFR	7	55210077	Classic_like
19021	EGFR	7	55210077	Gbm
19022	EGFR	7	55210077	IDHwt
19023	EGFR	7	55210077	IDHwt_priGBM

19024	EGFR	7	55210077	LGG GBM
19025	EGFR	7	55210077	Mesenchymal
19026	EGFR	7	55221783	Classic
19027	EGFR	7	55221783	Classic
19028	EGFR	7	55221783	IDHwt
19029	EGFR	7	55221783	IDHwt
19030	EGFR	7	55221783	LGG GBM
19031	EGFR	7	55221783	LGG GBM
19032	EGFR	7	55221783	Mesenchymal_like
19033	EGFR	7	55221783	Mesenchymal_like
19034	EGFR	7	55221783	OligoAstr
19035	EGFR	7	55221783	OligoAstr
19036	EGFR	7	55221822	IDHwt_priGBM2
19037	EGFR	7	55221822	Classic
19038	EGFR	7	55221822	Classic_like
19039	EGFR	7	55221822	Gbm
19040	EGFR	7	55221822	IDHwt
19041	EGFR	7	55221822	IDHwt_priGBM
19042	EGFR	7	55221822	LGG GBM
19043	EGFR	7	55221822	Mesenchymal_like
19044	EGFR	7	55221822	Neural
19045	EGFR	7	55223543	Gbm
19046	EGFR	7	55223543	IDHwt
19047	EGFR	7	55223543	IDHwt_priGBM
19048	EGFR	7	55223543	LGG GBM
19049	EGFR	7	55223543	Mesenchymal
19050	EGFR	7	55223543	Mesenchymal_like
19051	EGFR	7	55224307	Gbm
19052	EGFR	7	55224307	IDHwt
19053	EGFR	7	55224307	IDHwt_priGBM
19054	EGFR	7	55224307	LGG GBM
19055	EGFR	7	55224307	Mesenchymal
19056	EGFR	7	55224307	Mesenchymal_like
19057	EGFR	7	55233043	Astr
19058	EGFR	7	55233043	Classic
19059	EGFR	7	55233043	Classic
19060	EGFR	7	55233043	Classic_like
19061	EGFR	7	55233043	Classic_like
19062	EGFR	7	55233043	Gbm
19063	EGFR	7	55233043	Gbm
19064	EGFR	7	55233043	IDHwt
19065	EGFR	7	55233043	IDHwt
19066	EGFR	7	55233043	IDHwt_priGBM
19067	EGFR	7	55233043	IDHwt_priGBM
19068	EGFR	7	55233043	LGG GBM
19069	EGFR	7	55233043	LGG GBM
19070	EGFR	7	55233043	Mesenchymal_like
19071	EGFR	7	55233043	Classic
19072	EGFR	7	55233043	IDHwt
19073	EGFR	7	55233043	LGG GBM
19074	EGFR	7	55233043	Mesenchymal_like
19075	EGFR	7	55233043	OligoAstr
19076	EGFR	7	55233043	Classic
19077	EGFR	7	55233043	Classic_like
19078	EGFR	7	55233043	Gbm
19079	EGFR	7	55233043	Gbm
19080	EGFR	7	55233043	IDHwt
19081	EGFR	7	55233043	IDHwt

19082	EGFR	7	55233043	IDHwt_priGBM
19083	EGFR	7	55233043	IDHwt_priGBM
19084	EGFR	7	55233043	LGG GBM
19085	EGFR	7	55233043	LGG GBM
19086	EGFR	7	55233043	Proneural
19087	EGFR	7	55240815	melanoma
19088	EGFR	7	55241677	Astr
19089	EGFR	7	55241677	Classic
19090	EGFR	7	55241677	Classic_like
19091	EGFR	7	55241677	IDHwt
19092	EGFR	7	55241677	LGG GBM
19093	EGFR	7	55241708	lung
19094	EGFR	7	55249044	lung
19095	EGFR	7	55249044	lung
19096	EGFR	7	55249071	lung
19097	EGFR	7	55249071	lung
19098	EGFR	7	55259451	melanoma
19099	EGFR	7	55259451	melanoma
19100	EGFR	7	55259515	lung
19101	EGFR	7	55259515	lung
19102	EGFR	7	55259515	lung
19103	VOPP1	7	55588777	melanoma
19104	14-Sep	7	55902128	melanoma
19105	14-Sep	7	55902222	melanoma
19106	ZNF713	7	55980412	bladder
19107	SUMF2	7	56147448	melanoma
19108	ZNF479	7	57188251	melanoma
19109	ZNF479	7	57194352	Gbm
19110	ZNF479	7	57194352	IDHwt
19111	ZNF479	7	57194352	IDHwt_priGBM
19112	ZNF479	7	57194352	LGG GBM
19113	ZNF479	7	57194352	Mesenchymal
19114	ZNF479	7	57194352	Mesenchymal_like
19115	ZNF716	7	57529294	Classic
19116	ZNF716	7	57529294	Classic_like
19117	ZNF716	7	57529294	Gbm
19118	ZNF716	7	57529294	IDHwt
19119	ZNF716	7	57529294	IDHwt_priGBM
19120	ZNF716	7	57529294	LGG GBM
19121	ZNF716	7	57529413	melanoma
19122	ZNF727	7	63538420	lung
19123	ZNF727	7	63538679	melanoma
19124	ZNF727	7	63538751	melanoma
19125	ZNF679	7	63709527	Astr
19126	ZNF679	7	63709527	Classic
19127	ZNF679	7	63709527	Classic_like
19128	ZNF679	7	63709527	IDHwt
19129	ZNF679	7	63709527	LGG GBM
19130	ZNF679	7	63720659	melanoma
19131	ZNF679	7	63720722	lung
19132	ZNF679	7	63726330	Astr
19133	ZNF679	7	63726330	IDHwt
19134	ZNF679	7	63726330	LGG GBM
19135	ZNF679	7	63726330	Mesenchymal_like
19136	ZNF679	7	63726427	melanoma
19137	ZNF679	7	63726670	melanoma
19138	ZNF679	7	63726670	melanoma
19139	ZNF679	7	63727074	lung

19140	ZNF680	7	63982110	lung
19141	ZNF680	7	63982199	lung
19142	ZNF107	7	64168402	melanoma
19143	ZNF107	7	64168402	melanoma
19144	ZNF107	7	64168878	lung
19145	ZNF107	7	64168990	melanoma
19146	ZNF273	7	64378060	lung
19147	ZNF273	7	64378060	lung
19148	3-1-ZNF117;ZNF	7	64439313	lung
19149	ERV3-1	7	64452380	melanoma
19150	ERV3-1	7	64453122	melanoma
19151	ZNF92	7	64863829	lung
19152	ZNF92	7	64864127	lung
19153	ZNF92	7	64864312	lung
19154	ZNF92	7	64864312	lung
19155	GUSB	7	65432843	lung
19156	GUSB	7	65432843	lung
19157	GUSB	7	65432890	lung
19158	GUSB	7	65432890	lung
19159	GUSB	7	65439637	Codel
19160	GUSB	7	65439637	IDHmut
19161	GUSB	7	65439637	IDHmut_codel
19162	GUSB	7	65439637	LGG GBM
19163	GUSB	7	65439637	Oligo
19164	GUSB	7	65444759	melanoma
19165	GUSB	7	65444759	melanoma
19166	ASL	7	65553829	melanoma
19167	TPST1	7	65705935	melanoma
19168	TPST1	7	65706029	melanoma
19169	TPST1	7	65751542	Gbm
19170	TPST1	7	65751542	IDHwt
19171	TPST1	7	65751542	IDHwt_priGBM
19172	TPST1	7	65751542	LGG GBM
19173	TPST1	7	65751542	Mesenchymal
19174	TPST1	7	65751542	Mesenchymal_like
19175	TMEM248	7	66406908	melanoma
19176	TMEM248	7	66415965	Astr
19177	TMEM248	7	66415965	IDHwt
19178	TMEM248	7	66415965	LGG GBM
19179	TMEM248	7	66415965	Neural
19180	TMEM248	7	66415965	PA_like
19181	AUTS2	7	69364410	Astr
19182	AUTS2	7	69364410	GCIMP_high
19183	AUTS2	7	69364410	IDHmut
19184	AUTS2	7	69364410	IDHmut_noncodel
19185	AUTS2	7	69364410	LGG GBM
19186	AUTS2	7	70231260	Classic
19187	AUTS2	7	70231260	Classic
19188	AUTS2	7	70231260	IDHwt
19189	AUTS2	7	70231260	IDHwt
19190	AUTS2	7	70231260	LGG GBM
19191	AUTS2	7	70231260	LGG GBM
19192	AUTS2	7	70231260	Mesenchymal_like
19193	AUTS2	7	70231260	Mesenchymal_like
19194	AUTS2	7	70231260	OligoAstr
19195	AUTS2	7	70231260	OligoAstr
19196	AUTS2	7	70240362	melanoma
19197	AUTS2	7	70255264	melanoma

19198	AUTS2	7	70255264	melanoma
19199	AUTS2	7	70255264	melanoma
19200	GALNT17	7	70853285	melanoma
19201	GALNT17	7	70853354	melanoma
19202	GALNT17	7	70853354	melanoma
19203	GALNT17	7	70881033	melanoma
19204	CALN1	7	71275347	melanoma
19205	CALN1	7	71488734	melanoma
19206	TRIM50	7	72727303	melanoma
19207	TRIM50	7	72732823	melanoma
19208	TRIM50	7	72732895	melanoma
19209	FKBP6	7	72743383	melanoma
19210	FKBP6	7	72754748	Gbm
19211	FKBP6	7	72754748	Gbm
19212	FKBP6	7	72754748	IDHwt
19213	FKBP6	7	72754748	IDHwt
19214	FKBP6	7	72754748	IDHwt_priGBM
19215	FKBP6	7	72754748	IDHwt_priGBM
19216	FKBP6	7	72754748	LGG GBM
19217	FKBP6	7	72754748	LGG GBM
19218	FKBP6	7	72754748	Mesenchymal
19219	FKBP6	7	72754748	Mesenchymal
19220	FKBP6	7	72754829	melanoma
19221	FZD9	7	72849307	Classic_like
19222	FZD9	7	72849307	Gbm
19223	FZD9	7	72849307	IDHwt
19224	FZD9	7	72849307	IDHwt_priGBM
19225	FZD9	7	72849307	LGG GBM
19226	BAZ1B	7	72892292	bladder
19227	BAZ1B	7	72903627	melanoma
19228	BAZ1B	7	72925148	Codel
19229	BAZ1B	7	72925148	IDHmut
19230	BAZ1B	7	72925148	IDHmut_codel
19231	BAZ1B	7	72925148	LGG GBM
19232	BAZ1B	7	72925148	Neural
19233	BAZ1B	7	72925148	Oligo
19234	BAZ1B	7	72936211	IDHwt_priGBM2
19235	ABHD11	7	73151271	melanoma
19236	ABHD11	7	73151613	bladder
19237	ABHD11	7	73151613	bladder
19238	ABHD11	7	73151613	bladder
19239	ABHD11	7	73151613	bladder
19240	ABHD11	7	73151660	melanoma
19241	ABHD11	7	73151660	melanoma
19242	ABHD11	7	73151718	bladder
19243	ABHD11	7	73151718	bladder
19244	CLDN4	7	73245544	melanoma
19245	CLDN4	7	73245824	melanoma
19246	CLDN4	7	73246088	melanoma
19247	TMEM270	7	73279958	bladder
19248	TMEM270	7	73279992	melanoma
19249	TMEM270	7	73279992	melanoma
19250	LIMK1	7	73520470	melanoma
19251	RFC2	7	73657520	melanoma
19252	RFC2	7	73657520	melanoma
19253	RFC2	7	73657520	melanoma
19254	RFC2	7	73657520	melanoma
19255	GTF2IRD1	7	73927289	melanoma

19256	GTF2IRD1	7	73932636	melanoma
19257	GTF2I	7	74114657	melanoma
19258	GTF2I	7	74114664	melanoma
19259	GTF2I	7	74114664	melanoma
19260	POM121C	7	75048155	melanoma
19261	POM121C	7	75048155	melanoma
19262	POM121C	7	75048155	melanoma
19263	POM121C	7	75051085	melanoma
19264	POM121C	7	75051364	melanoma
19265	POM121C	7	75051364	melanoma
19266	POM121C	7	75051364	melanoma
19267	POM121C	7	75051364	melanoma
19268	POM121C	7	75051364	melanoma
19269	HIP1	7	75172231	GCIMP_high
19270	HIP1	7	75172231	IDHmut
19271	HIP1	7	75172231	IDHmut_noncodel
19272	HIP1	7	75172231	LGG GBM
19273	CCL24	7	75442720	melanoma
19274	CCL24	7	75442720	melanoma
19275	RHBDD2	7	75513111	melanoma
19276	RHBDD2	7	75513111	melanoma
19277	STYXL1	7	75625827	melanoma
19278	STYXL1	7	75630257	melanoma
19279	STYXL1	7	75634595	melanoma
19280	ZP3	7	76054391	Astr
19281	ZP3	7	76054391	GCIMP_high
19282	ZP3	7	76054391	IDHmut
19283	ZP3	7	76054391	IDHmut_noncodel
19284	ZP3	7	76054391	LGG GBM
19285	ZP3	7	76054391	Mesenchymal
19286	ZP3	7	76054474	melanoma
19287	ZP3	7	76062314	melanoma
19288	DTX2	7	76112314	melanoma
19289	DTX2	7	76112314	melanoma
19290	DTX2	7	76112388	melanoma
19291	DTX2	7	76112388	melanoma
19292	DTX2	7	76112452	melanoma
19293	DTX2	7	76112452	melanoma
19294	CCDC146	7	76916214	melanoma
19295	CCDC146	7	76916214	melanoma
19296	CCDC146	7	76922321	Classic
19297	CCDC146	7	76922321	Classic_like
19298	CCDC146	7	76922321	Gbm
19299	CCDC146	7	76922321	IDHwt
19300	CCDC146	7	76922321	IDHwt_priGBM
19301	CCDC146	7	76922321	LGG GBM
19302	CCDC146	7	76924080	melanoma
19303	CCDC146	7	76924080	melanoma
19304	GSAP	7	76982340	melanoma
19305	GSAP	7	76982340	melanoma
19306	GSAP	7	77010657	melanoma
19307	PTPN12	7	77256677	lung
19308	RSBN1L	7	77408132	melanoma
19309	MAGI2	7	77755112	melanoma
19310	MAGI2	7	77885617	IDHwt_priGBM2
19311	MAGI2	7	77885730	melanoma
19312	MAGI2	7	78119143	melanoma
19313	MAGI2	7	78119143	melanoma

19314	GNAT3	7	80091548	Classic
19315	GNAT3	7	80091548	Classic_like
19316	GNAT3	7	80091548	Gbm
19317	GNAT3	7	80091548	IDHwt
19318	GNAT3	7	80091548	IDHwt_priGBM
19319	GNAT3	7	80091548	LGG GBM
19320	CD36	7	80295787	Classic
19321	CD36	7	80295787	Classic_like
19322	CD36	7	80295787	Gbm
19323	CD36	7	80295787	IDHwt
19324	CD36	7	80295787	IDHwt_priGBM
19325	CD36	7	80295787	LGG GBM
19326	SEMA3C	7	80374454	Astr
19327	SEMA3C	7	80374454	Astr
19328	SEMA3C	7	80374454	GCIMP_high
19329	SEMA3C	7	80374454	GCIMP_high
19330	SEMA3C	7	80374454	IDHmut
19331	SEMA3C	7	80374454	IDHmut
19332	SEMA3C	7	80374454	IDHmut_noncodel
19333	SEMA3C	7	80374454	IDHmut_noncodel
19334	SEMA3C	7	80374454	LGG GBM
19335	SEMA3C	7	80374454	LGG GBM
19336	SEMA3C	7	80374454	Proneural
19337	SEMA3C	7	80374454	Proneural
19338	SEMA3C	7	80434969	melanoma
19339	HGF	7	81339499	melanoma
19340	HGF	7	81381541	melanoma
19341	CACNA2D1	7	81591256	Classic_like
19342	CACNA2D1	7	81591256	Gbm
19343	CACNA2D1	7	81591256	IDHwt
19344	CACNA2D1	7	81591256	IDHwt_priGBM
19345	CACNA2D1	7	81591256	LGG GBM
19346	CACNA2D1	7	81593617	melanoma
19347	CACNA2D1	7	81689791	melanoma
19348	CACNA2D1	7	81689826	melanoma
19349	PCLO	7	82387980	melanoma
19350	PCLO	7	82388018	melanoma
19351	PCLO	7	82388018	melanoma
19352	PCLO	7	82388018	melanoma
19353	PCLO	7	82451978	melanoma
19354	PCLO	7	82474624	melanoma
19355	PCLO	7	82538303	melanoma
19356	PCLO	7	82538309	melanoma
19357	PCLO	7	82538309	melanoma
19358	PCLO	7	82544569	melanoma
19359	PCLO	7	82544652	melanoma
19360	PCLO	7	82544652	melanoma
19361	PCLO	7	82544863	melanoma
19362	PCLO	7	82544904	Gbm
19363	PCLO	7	82544904	IDHwt
19364	PCLO	7	82544904	IDHwt_priGBM
19365	PCLO	7	82544904	LGG GBM
19366	PCLO	7	82544904	Mesenchymal
19367	PCLO	7	82545367	melanoma
19368	PCLO	7	82578818	bladder
19369	PCLO	7	82578818	bladder
19370	PCLO	7	82579435	lung
19371	PCLO	7	82580327	melanoma

19372	PCLO	7	82580501	melanoma
19373	PCLO	7	82581220	bladder
19374	PCLO	7	82581597	melanoma
19375	PCLO	7	82581636	lung
19376	PCLO	7	82581802	lung
19377	PCLO	7	82582245	melanoma
19378	PCLO	7	82582245	melanoma
19379	PCLO	7	82582374	melanoma
19380	PCLO	7	82582560	Classic
19381	PCLO	7	82582560	Classic
19382	PCLO	7	82582560	Classic
19383	PCLO	7	82582560	Gbm
19384	PCLO	7	82582560	Gbm
19385	PCLO	7	82582560	Gbm
19386	PCLO	7	82582560	IDHwt
19387	PCLO	7	82582560	IDHwt
19388	PCLO	7	82582560	IDHwt
19389	PCLO	7	82582560	IDHwt_priGBM
19390	PCLO	7	82582560	IDHwt_priGBM
19391	PCLO	7	82582560	IDHwt_priGBM
19392	PCLO	7	82582560	LGG GBM
19393	PCLO	7	82582560	LGG GBM
19394	PCLO	7	82582560	LGG GBM
19395	PCLO	7	82582560	Mesenchymal_like
19396	PCLO	7	82582560	Mesenchymal_like
19397	PCLO	7	82582560	Mesenchymal_like
19398	PCLO	7	82582602	melanoma
19399	PCLO	7	82582602	melanoma
19400	PCLO	7	82582602	melanoma
19401	PCLO	7	82582602	melanoma
19402	PCLO	7	82582788	melanoma
19403	PCLO	7	82582788	melanoma
19404	PCLO	7	82583599	lung
19405	PCLO	7	82583644	Classic
19406	PCLO	7	82583644	IDHwt
19407	PCLO	7	82583644	LGG GBM
19408	PCLO	7	82583644	Mesenchymal_like
19409	PCLO	7	82583644	OligoAstr
19410	PCLO	7	82583758	melanoma
19411	PCLO	7	82584751	melanoma
19412	PCLO	7	82585129	melanoma
19413	PCLO	7	82595676	melanoma
19414	SEMA3E	7	82997024	melanoma
19415	SEMA3E	7	82997239	lung
19416	SEMA3E	7	82997239	lung
19417	SEMA3E	7	82997279	melanoma
19418	SEMA3E	7	83016338	melanoma
19419	SEMA3E	7	83016338	melanoma
19420	SEMA3E	7	83119432	Codel
19421	SEMA3E	7	83119432	IDHmut
19422	SEMA3E	7	83119432	IDHmut_codel
19423	SEMA3E	7	83119432	LGG GBM
19424	SEMA3E	7	83119432	Oligo
19425	SEMA3E	7	83119432	Proneural
19426	SEMA3E	7	83119553	IDHwt_priGBM2
19427	SEMA3A	7	83631273	melanoma
19428	SEMA3A	7	83634772	melanoma
19429	SEMA3A	7	83634772	melanoma

19430	SEMA3D	7	84636246	lung
19431	SEMA3D	7	84702391	lung
19432	SEMA3D	7	84702391	lung
19433	SEMA3D	7	84727254	melanoma
19434	SEMA3D	7	84751149	melanoma
19435	SEMA3D	7	84751149	melanoma
19436	GRM3	7	86394690	melanoma
19437	GRM3	7	86394922	melanoma
19438	GRM3	7	86415593	Astr
19439	GRM3	7	86415593	Astr
19440	GRM3	7	86415593	Classic
19441	GRM3	7	86415593	Classic
19442	GRM3	7	86415593	Classic_like
19443	GRM3	7	86415593	Classic_like
19444	GRM3	7	86415593	IDHwt
19445	GRM3	7	86415593	IDHwt
19446	GRM3	7	86415593	LGG GBM
19447	GRM3	7	86415593	LGG GBM
19448	GRM3	7	86415679	Gbm
19449	GRM3	7	86415679	Gbm
19450	GRM3	7	86415679	IDHwt
19451	GRM3	7	86415679	IDHwt
19452	GRM3	7	86415679	IDHwt_priGBM
19453	GRM3	7	86415679	IDHwt_priGBM
19454	GRM3	7	86415679	LGG GBM
19455	GRM3	7	86415679	LGG GBM
19456	GRM3	7	86415679	Mesenchymal
19457	GRM3	7	86415679	Mesenchymal
19458	GRM3	7	86415805	melanoma
19459	GRM3	7	86415877	Classic
19460	GRM3	7	86415877	Classic
19461	GRM3	7	86415877	Classic
19462	GRM3	7	86415877	Gbm
19463	GRM3	7	86415877	Gbm
19464	GRM3	7	86415877	Gbm
19465	GRM3	7	86415877	IDHwt
19466	GRM3	7	86415877	IDHwt
19467	GRM3	7	86415877	IDHwt
19468	GRM3	7	86415877	IDHwt_priGBM
19469	GRM3	7	86415877	IDHwt_priGBM
19470	GRM3	7	86415877	IDHwt_priGBM
19471	GRM3	7	86415877	LGG GBM
19472	GRM3	7	86415877	LGG GBM
19473	GRM3	7	86415877	LGG GBM
19474	GRM3	7	86415877	Mesenchymal_like
19475	GRM3	7	86415877	Mesenchymal_like
19476	GRM3	7	86415877	Mesenchymal_like
19477	GRM3	7	86415986	melanoma
19478	GRM3	7	86416090	melanoma
19479	GRM3	7	86416334	Classic
19480	GRM3	7	86416334	Gbm
19481	GRM3	7	86416334	IDHwt
19482	GRM3	7	86416334	IDHwt_priGBM
19483	GRM3	7	86416334	LGG GBM
19484	GRM3	7	86416334	Mesenchymal_like
19485	GRM3	7	86416374	melanoma
19486	GRM3	7	86468302	melanoma
19487	GRM3	7	86468665	melanoma

19488	GRM3	7	86468782	melanoma
19489	GRM3	7	86468782	melanoma
19490	DMTF1	7	86811558	Gbm
19491	DMTF1	7	86811558	IDHwt
19492	DMTF1	7	86811558	IDHwt_priGBM
19493	DMTF1	7	86811558	LGG GBM
19494	DMTF1	7	86811558	LGm6_GBM
19495	CROT	7	86978410	melanoma
19496	CROT	7	87006738	melanoma
19497	CROT	7	87022362	lung
19498	ABCB4	7	87035671	bladder
19499	ABCB4	7	87035671	bladder
19500	ABCB4	7	87035671	bladder
19501	ABCB4	7	87082431	melanoma
19502	ABCB1	7	87148696	Classic
19503	ABCB1	7	87148696	Gbm
19504	ABCB1	7	87148696	IDHwt
19505	ABCB1	7	87148696	IDHwt_priGBM
19506	ABCB1	7	87148696	LGG GBM
19507	ABCB1	7	87148696	Mesenchymal_like
19508	ABCB1	7	87150129	bladder
19509	ABCB1	7	87173480	melanoma
19510	ABCB1	7	87173480	melanoma
19511	ABCB1	7	87173480	melanoma
19512	ABCB1	7	87183116	melanoma
19513	ABCB1	7	87190604	melanoma
19514	ABCB1	7	87214993	Astr
19515	ABCB1	7	87214993	Astr
19516	ABCB1	7	87214993	GCIMP_high
19517	ABCB1	7	87214993	GCIMP_high
19518	ABCB1	7	87214993	IDHmut
19519	ABCB1	7	87214993	IDHmut
19520	ABCB1	7	87214993	IDHmut_noncodel
19521	ABCB1	7	87214993	IDHmut_noncodel
19522	ABCB1	7	87214993	LGG GBM
19523	ABCB1	7	87214993	LGG GBM
19524	ABCB1	7	87214993	Proneural
19525	ABCB1	7	87214993	Proneural
19526	RUNDC3B	7	87407193	melanoma
19527	RUNDC3B	7	87407228	melanoma
19528	SLC25A40	7	87477254	lung
19529	ADAM22	7	87746081	melanoma
19530	ADAM22	7	87760639	Classic
19531	ADAM22	7	87760639	Gbm
19532	ADAM22	7	87760639	IDHwt
19533	ADAM22	7	87760639	IDHwt_priGBM
19534	ADAM22	7	87760639	LGG GBM
19535	ADAM22	7	87760639	Mesenchymal_like
19536	ADAM22	7	87810852	melanoma
19537	STEAP4	7	87908814	melanoma
19538	ZNF804B	7	88962939	melanoma
19539	ZNF804B	7	88962939	melanoma
19540	ZNF804B	7	88965228	melanoma
19541	ZNF804B	7	88965229	melanoma
19542	ZNF804B	7	88965229	melanoma
19543	ZNF804B	7	88965247	lung
19544	ZNF804B	7	88965576	lung
19545	ZNF804B	7	88966042	melanoma

19546	ZNF804B	7	88966150	melanoma
19547	ZNF804B	7	88966150	melanoma
19548	STEAP1	7	89790617	Codel
19549	STEAP1	7	89790617	Codel
19550	STEAP1	7	89790617	IDHmut
19551	STEAP1	7	89790617	IDHmut
19552	STEAP1	7	89790617	IDHmut_codel
19553	STEAP1	7	89790617	IDHmut_codel
19554	STEAP1	7	89790617	LGG GBM
19555	STEAP1	7	89790617	LGG GBM
19556	STEAP1	7	89790617	Oligo
19557	STEAP1	7	89790617	Oligo
19558	STEAP1	7	89790617	Proneural
19559	STEAP1	7	89790617	Proneural
19560	STEAP1	7	89791325	Classic
19561	STEAP1	7	89791325	Classic
19562	STEAP1	7	89791325	Gbm
19563	STEAP1	7	89791325	Gbm
19564	STEAP1	7	89791325	IDHwt
19565	STEAP1	7	89791325	IDHwt
19566	STEAP1	7	89791325	IDHwt_priGBM
19567	STEAP1	7	89791325	IDHwt_priGBM
19568	STEAP1	7	89791325	LGG GBM
19569	STEAP1	7	89791325	LGG GBM
19570	STEAP1	7	89791325	Mesenchymal_like
19571	STEAP1	7	89791325	Mesenchymal_like
19572	STEAP2	7	89856313	melanoma
19573	STEAP2	7	89856615	melanoma
19574	STEAP2	7	89856615	melanoma
19575	STEAP2	7	89861844	melanoma
19576	GTPBP10	7	89982173	melanoma
19577	CDK14	7	90419946	melanoma
19578	CDK14	7	90546955	melanoma
19579	CDK14	7	90741930	melanoma
19580	CDK14	7	90741984	melanoma
19581	CDK14	7	90741984	melanoma
19582	MTERF1	7	91503060	melanoma
19583	AKAP9	7	91603211	melanoma
19584	AKAP9	7	91694560	lung
19585	AKAP9	7	91694560	lung
19586	AKAP9	7	91694560	lung
19587	AKAP9	7	91714981	melanoma
19588	AKAP9	7	91714981	melanoma
19589	AKAP9	7	91726907	melanoma
19590	AKAP9	7	91726907	melanoma
19591	KRIT1	7	91871376	melanoma
19592	KRIT1	7	91871376	melanoma
19593	ANKIB1	7	91924414	melanoma
19594	ANKIB1	7	92027091	lung
19595	GATAD1	7	92085788	melanoma
19596	GATAD1	7	92085788	melanoma
19597	GATAD1	7	92085788	melanoma
19598	PEX1	7	92120612	melanoma
19599	PEX1	7	92120612	melanoma
19600	PEX1	7	92140929	bladder
19601	PEX1	7	92147496	melanoma
19602	PEX1	7	92147496	melanoma
19603	PEX1	7	92147496	melanoma

19604	PEX1	7	92147496	melanoma
19605	PEX1	7	92147496	melanoma
19606	CDK6	7	92462424	bladder
19607	CDK6	7	92462424	bladder
19608	CDK6	7	92462424	bladder
19609	SAMD9	7	92730681	melanoma
19610	SAMD9	7	92730681	melanoma
19611	SAMD9	7	92730882	melanoma
19612	SAMD9	7	92730994	melanoma
19613	SAMD9	7	92731104	melanoma
19614	SAMD9	7	92731104	melanoma
19615	SAMD9	7	92731104	melanoma
19616	SAMD9	7	92732050	melanoma
19617	SAMD9	7	92732050	melanoma
19618	SAMD9	7	92733498	lung
19619	SAMD9	7	92733519	melanoma
19620	SAMD9	7	92733519	melanoma
19621	SAMD9	7	92733520	melanoma
19622	SAMD9	7	92733520	melanoma
19623	SAMD9	7	92733520	melanoma
19624	SAMD9	7	92734204	Classic
19625	SAMD9	7	92734204	Classic
19626	SAMD9	7	92734204	Gbm
19627	SAMD9	7	92734204	Gbm
19628	SAMD9	7	92734204	IDHwt
19629	SAMD9	7	92734204	IDHwt
19630	SAMD9	7	92734204	IDHwt_priGBM
19631	SAMD9	7	92734204	IDHwt_priGBM
19632	SAMD9	7	92734204	LGG GBM
19633	SAMD9	7	92734204	LGG GBM
19634	SAMD9L	7	92761246	melanoma
19635	SAMD9L	7	92761252	melanoma
19636	SAMD9L	7	92761935	melanoma
19637	SAMD9L	7	92762746	melanoma
19638	SAMD9L	7	92763580	bladder
19639	SAMD9L	7	92765164	bladder
19640	HEPACAM2	7	92838050	Astr
19641	HEPACAM2	7	92838050	GCIMP_high
19642	HEPACAM2	7	92838050	IDHmut
19643	HEPACAM2	7	92838050	IDHmut_noncodel
19644	HEPACAM2	7	92838050	LGG GBM
19645	HEPACAM2	7	92838050	Proneural
19646	HEPACAM2	7	92838178	melanoma
19647	HEPACAM2	7	92844935	melanoma
19648	HEPACAM2	7	92844935	melanoma
19649	HEPACAM2	7	92848596	Gbm
19650	HEPACAM2	7	92848596	IDHwt
19651	HEPACAM2	7	92848596	IDHwt_priGBM
19652	HEPACAM2	7	92848596	LGG GBM
19653	HEPACAM2	7	92848596	Mesenchymal
19654	VPS50	7	92886709	melanoma
19655	VPS50	7	92926459	lung
19656	VPS50	7	92926459	lung
19657	VPS50	7	92932809	Gbm
19658	VPS50	7	92932809	IDHwt
19659	VPS50	7	92932809	IDHwt_priGBM
19660	VPS50	7	92932809	LGG GBM
19661	VPS50	7	92932809	Mesenchymal_like

19662	VPS50	7	92932809	Proneural
19663	VPS50	7	92952988	melanoma
19664	VPS50	7	92963436	melanoma
19665	CALCR	7	93065335	melanoma
19666	CALCR	7	93090240	melanoma
19667	CALCR	7	93106887	Gbm
19668	CALCR	7	93106887	Gbm
19669	CALCR	7	93106887	IDHwt
19670	CALCR	7	93106887	IDHwt
19671	CALCR	7	93106887	IDHwt_priGBM
19672	CALCR	7	93106887	IDHwt_priGBM
19673	CALCR	7	93106887	LGG GBM
19674	CALCR	7	93106887	LGG GBM
19675	CALCR	7	93108801	melanoma
19676	CALCR	7	93108801	melanoma
19677	CALCR	7	93108801	melanoma
19678	TFPI2	7	93518518	melanoma
19679	TFPI2	7	93518518	melanoma
19680	BET1	7	93623584	lung
19681	BET1	7	93623633	melanoma
19682	COL1A2	7	94037510	lung
19683	COL1A2	7	94038886	melanoma
19684	COL1A2	7	94038897	melanoma
19685	COL1A2	7	94043012	Classic
19686	COL1A2	7	94043012	Gbm
19687	COL1A2	7	94043012	IDHwt
19688	COL1A2	7	94043012	IDHwt_priGBM
19689	COL1A2	7	94043012	LGG GBM
19690	COL1A2	7	94043012	Mesenchymal_like
19691	COL1A2	7	94052416	melanoma
19692	COL1A2	7	94058586	IDHwt_priGBM2
19693	COL1A2	7	94058586	IDHwt_priGBM2
19694	CASD1	7	94166848	melanoma
19695	CASD1	7	94166956	lung
19696	CASD1	7	94167139	bladder
19697	CASD1	7	94167142	melanoma
19698	CASD1	7	94184822	melanoma
19699	CASD1	7	94184822	melanoma
19700	SGCE	7	94228205	melanoma
19701	SGCE	7	94228205	melanoma
19702	SGCE	7	94228205	melanoma
19703	PPP1R9A	7	94539808	melanoma
19704	PPP1R9A	7	94539808	melanoma
19705	PPP1R9A	7	94540808	melanoma
19706	PON1	7	94928345	melanoma
19707	PON1	7	94931534	Classic
19708	PON1	7	94931534	Classic
19709	PON1	7	94931534	Gbm
19710	PON1	7	94931534	Gbm
19711	PON1	7	94931534	IDHwt
19712	PON1	7	94931534	IDHwt
19713	PON1	7	94931534	IDHwt_priGBM
19714	PON1	7	94931534	IDHwt_priGBM
19715	PON1	7	94931534	LGG GBM
19716	PON1	7	94931534	LGG GBM
19717	PON1	7	94953757	Classic
19718	PON1	7	94953757	Classic_like
19719	PON1	7	94953757	Gbm

19720	PON1	7	94953757	IDHwt
19721	PON1	7	94953757	IDHwt_priGBM
19722	PON1	7	94953757	LGG GBM
19723	PON3	7	94991720	melanoma
19724	PON3	7	94991720	melanoma
19725	PON3	7	94993307	melanoma
19726	PON3	7	95001578	melanoma
19727	ASB4	7	95167058	melanoma
19728	PDK4	7	95219020	melanoma
19729	PDK4	7	95219020	melanoma
19730	DYNC1I1	7	95457400	Gbm
19731	DYNC1I1	7	95457400	Gbm
19732	DYNC1I1	7	95457400	Gbm
19733	DYNC1I1	7	95457400	IDHwt
19734	DYNC1I1	7	95457400	IDHwt
19735	DYNC1I1	7	95457400	IDHwt
19736	DYNC1I1	7	95457400	IDHwt_priGBM
19737	DYNC1I1	7	95457400	IDHwt_priGBM
19738	DYNC1I1	7	95457400	IDHwt_priGBM
19739	DYNC1I1	7	95457400	LGG GBM
19740	DYNC1I1	7	95457400	LGG GBM
19741	DYNC1I1	7	95457400	LGG GBM
19742	DYNC1I1	7	95457400	Proneural
19743	DYNC1I1	7	95457400	Proneural
19744	DYNC1I1	7	95457400	Proneural
19745	DYNC1I1	7	95665001	lung
19746	SLC25A13	7	95751012	melanoma
19747	SEM1	7	96113259	melanoma
19748	DLX5	7	96651603	Astr
19749	DLX5	7	96651603	GCIMP_high
19750	DLX5	7	96651603	IDHmut
19751	DLX5	7	96651603	IDHmut_noncodel
19752	DLX5	7	96651603	LGG GBM
19753	DLX5	7	96651603	Mesenchymal
19754	SDHAF3	7	96747076	IDHwt_priGBM2
19755	ASNS	7	97481741	melanoma
19756	ASNS	7	97488680	melanoma
19757	LMTK2	7	97788723	melanoma
19758	LMTK2	7	97821638	melanoma
19759	LMTK2	7	97821638	melanoma
19760	LMTK2	7	97823700	melanoma
19761	LMTK2	7	97833409	melanoma
19762	TECPR1	7	97862242	Classic
19763	TECPR1	7	97862242	Classic
19764	TECPR1	7	97862242	Classic
19765	TECPR1	7	97862242	Classic_like
19766	TECPR1	7	97862242	Classic_like
19767	TECPR1	7	97862242	Classic_like
19768	TECPR1	7	97862242	Gbm
19769	TECPR1	7	97862242	Gbm
19770	TECPR1	7	97862242	Gbm
19771	TECPR1	7	97862242	IDHwt
19772	TECPR1	7	97862242	IDHwt
19773	TECPR1	7	97862242	IDHwt
19774	TECPR1	7	97862242	IDHwt_priGBM
19775	TECPR1	7	97862242	IDHwt_priGBM
19776	TECPR1	7	97862242	IDHwt_priGBM
19777	TECPR1	7	97862242	LGG GBM

19778	TECPR1	7	97862242	LGG GBM
19779	TECPR1	7	97862242	LGG GBM
19780	TECPR1	7	97872785	lung
19781	BAIAP2L1	7	97922864	Gbm
19782	BAIAP2L1	7	97922864	IDHwt
19783	BAIAP2L1	7	97922864	IDHwt_priGBM
19784	BAIAP2L1	7	97922864	LGG GBM
19785	BAIAP2L1	7	97922864	Mesenchymal
19786	BAIAP2L1	7	97922864	Mesenchymal_like
19787	BAIAP2L1	7	97946548	bladder
19788	NPTX2	7	98256538	Gbm
19789	NPTX2	7	98256538	IDHwt
19790	NPTX2	7	98256538	IDHwt_priGBM
19791	NPTX2	7	98256538	LGG GBM
19792	NPTX2	7	98256538	Neural
19793	TMEM130	7	98445761	melanoma
19794	TMEM130	7	98445761	melanoma
19795	TMEM130	7	98453750	melanoma
19796	TMEM130	7	98461003	melanoma
19797	TRRAP	7	98508848	GCIMP_high
19798	TRRAP	7	98508848	GCIMP_high
19799	TRRAP	7	98508848	IDHmut
19800	TRRAP	7	98508848	IDHmut
19801	TRRAP	7	98508848	IDHmut_noncodel
19802	TRRAP	7	98508848	IDHmut_noncodel
19803	TRRAP	7	98508848	LGG GBM
19804	TRRAP	7	98508848	LGG GBM
19805	TRRAP	7	98508848	Oligo
19806	TRRAP	7	98508848	Oligo
19807	TRRAP	7	98508848	Proneural
19808	TRRAP	7	98508848	Proneural
19809	TRRAP	7	98509729	melanoma
19810	TRRAP	7	98522789	melanoma
19811	TRRAP	7	98567798	melanoma
19812	TRRAP	7	98574128	melanoma
19813	TRRAP	7	98574206	melanoma
19814	TRRAP	7	98574206	melanoma
19815	ARPC1A	7	98951669	melanoma
19816	ARPC1A	7	98951669	melanoma
19817	ARPC1B	7	98984335	Astr
19818	ARPC1B	7	98984335	GCIMP_high
19819	ARPC1B	7	98984335	IDHmut
19820	ARPC1B	7	98984335	IDHmut_noncodel
19821	ARPC1B	7	98984335	LGG GBM
19822	ARPC1B	7	98984335	Proneural
19823	P5J2-PTCD1;PTC	7	99022789	melanoma
19824	P5J2-PTCD1;PTC	7	99027240	Classic
19825	P5J2-PTCD1;PTC	7	99027240	Classic_like
19826	P5J2-PTCD1;PTC	7	99027240	IDHwt
19827	P5J2-PTCD1;PTC	7	99027240	LGG GBM
19828	P5J2-PTCD1;PTC	7	99027240	OligoAstr
19829	ZNF394	7	99091477	melanoma
19830	ZNF394	7	99091868	melanoma
19831	ZSCAN25	7	99217389	melanoma
19832	CYP3A5	7	99247796	melanoma
19833	CYP3A5	7	99247796	melanoma
19834	CYP3A5	7	99247796	melanoma
19835	CYP3A5	7	99247805	melanoma

19836	CYP3A5	7	99264577	melanoma
19837	A7;CYP3A7-CYP3	7	99306757	melanoma
19838	A7;CYP3A7-CYP3	7	99313455	melanoma
19839	CYP3A4	7	99355806	melanoma
19840	CYP3A4	7	99377646	melanoma
19841	CYP3A43	7	99436340	hnscc
19842	CYP3A43	7	99436340	hnscc
19843	CYP3A43	7	99447306	Gbm
19844	CYP3A43	7	99447306	IDHwt
19845	CYP3A43	7	99447306	IDHwt_priGBM
19846	CYP3A43	7	99447306	LGG GBM
19847	CYP3A43	7	99447306	LGm6_GBM
19848	CYP3A43	7	99447306	Proneural
19849	CYP3A43	7	99461212	melanoma
19850	CYP3A43	7	99461212	melanoma
19851	OR2AE1	7	99474542	melanoma
19852	OR2AE1	7	99474542	melanoma
19853	AZGP1	7	99564649	Gbm
19854	AZGP1	7	99564649	IDHwt
19855	AZGP1	7	99564649	IDHwt_priGBM
19856	AZGP1	7	99564649	LGG GBM
19857	AZGP1	7	99564649	Proneural
19858	AZGP1	7	99565820	Classic
19859	AZGP1	7	99565820	Classic
19860	AZGP1	7	99565820	Classic_like
19861	AZGP1	7	99565820	Classic_like
19862	AZGP1	7	99565820	Gbm
19863	AZGP1	7	99565820	Gbm
19864	AZGP1	7	99565820	IDHwt
19865	AZGP1	7	99565820	IDHwt
19866	AZGP1	7	99565820	IDHwt_priGBM
19867	AZGP1	7	99565820	IDHwt_priGBM
19868	AZGP1	7	99565820	LGG GBM
19869	AZGP1	7	99565820	LGG GBM
19870	ZKSCAN1	7	99621816	Classic
19871	ZKSCAN1	7	99621816	Gbm
19872	ZKSCAN1	7	99621816	IDHwt
19873	ZKSCAN1	7	99621816	IDHwt_priGBM
19874	ZKSCAN1	7	99621816	LGG GBM
19875	ZKSCAN1	7	99621816	Mesenchymal_like
19876	AP4M1	7	99701067	lung
19877	TAF6	7	99707869	melanoma
19878	CNPY4	7	99717432	melanoma
19879	MBLAC1	7	99725088	lung
19880	MBLAC1	7	99725286	melanoma
19881	GAL3ST4	7	99758141	Classic
19882	GAL3ST4	7	99758141	Classic
19883	GAL3ST4	7	99758141	IDHwt
19884	GAL3ST4	7	99758141	IDHwt
19885	GAL3ST4	7	99758141	LGG GBM
19886	GAL3ST4	7	99758141	LGG GBM
19887	GAL3ST4	7	99758141	Mesenchymal_like
19888	GAL3ST4	7	99758141	Mesenchymal_like
19889	GAL3ST4	7	99758141	OligoAstr
19890	GAL3ST4	7	99758141	OligoAstr
19891	GPC2	7	99768025	melanoma
19892	GPC2	7	99773980	Gbm
19893	GPC2	7	99773980	IDHwt

19894	GPC2	7	99773980	IDHwt_priGBM
19895	GPC2	7	99773980	LGG GBM
19896	GPC2	7	99773980	Mesenchymal_like
19897	STAG3	7	99795405	melanoma
19898	STAG3	7	99798465	melanoma
19899	ZCWPW1	7	100004382	melanoma
19900	MEPCE	7	100028924	melanoma
19901	MEPCE	7	100028924	melanoma
19902	NYAP1	7	100086668	melanoma
19903	NYAP1	7	100086830	melanoma
19904	NYAP1	7	100086830	melanoma
19905	NYAP1	7	100091374	melanoma
19906	AGFG2	7	100151744	melanoma
19907	AGFG2	7	100151878	melanoma
19908	FBXO24	7	100187906	melanoma
19909	FBXO24	7	100187906	melanoma
19910	FBXO24	7	100187906	melanoma
19911	PCOLCE	7	100205292	hnscc
19912	EPO	7	100320323	melanoma
19913	EPO	7	100320703	melanoma
19914	EPO	7	100320706	melanoma
19915	SLC12A9	7	100457805	bladder
19916	SLC12A9	7	100457805	bladder
19917	SLC12A9	7	100460359	melanoma
19918	SLC12A9	7	100460359	melanoma
19919	SLC12A9	7	100463583	melanoma
19920	TRIP6	7	100470900	melanoma
19921	SRRT	7	100473299	melanoma
19922	SRRT	7	100484034	melanoma
19923	SRRT	7	100484435	melanoma
19924	ACHE	7	100491511	melanoma
19925	ACHE	7	100491511	melanoma
19926	ACHE	7	100491511	melanoma
19927	MUC3A	7	100551742	melanoma
19928	MUC3A	7	100552085	lung
19929	MUC3A	7	100552162	melanoma
19930	MUC3A	7	100553060	melanoma
19931	MUC3A	7	100608792	hnscc
19932	MUC12	7	100634473	hnscc
19933	MUC12	7	100657291	melanoma
19934	MUC17	7	100675231	melanoma
19935	MUC17	7	100675669	lung
19936	MUC17	7	100675788	lung
19937	MUC17	7	100675953	Gbm
19938	MUC17	7	100675953	Gbm
19939	MUC17	7	100675953	IDHwt
19940	MUC17	7	100675953	IDHwt
19941	MUC17	7	100675953	IDHwt_priGBM
19942	MUC17	7	100675953	IDHwt_priGBM
19943	MUC17	7	100675953	LGG GBM
19944	MUC17	7	100675953	LGG GBM
19945	MUC17	7	100675953	Mesenchymal
19946	MUC17	7	100675953	Mesenchymal
19947	MUC17	7	100675953	Mesenchymal_like
19948	MUC17	7	100675953	Mesenchymal_like
19949	MUC17	7	100676352	melanoma
19950	MUC17	7	100676478	melanoma
19951	MUC17	7	100676478	melanoma

19952	MUC17	7	100676760	melanoma
19953	MUC17	7	100677354	melanoma
19954	MUC17	7	100677692	hnscc
19955	MUC17	7	100678283	melanoma
19956	MUC17	7	100678725	melanoma
19957	MUC17	7	100678874	melanoma
19958	MUC17	7	100678887	Classic_like
19959	MUC17	7	100678887	Gbm
19960	MUC17	7	100678887	IDHwt
19961	MUC17	7	100678887	IDHwt_priGBM
19962	MUC17	7	100678887	LGG GBM
19963	MUC17	7	100678887	Mesenchymal
19964	MUC17	7	100679973	Codel
19965	MUC17	7	100679973	IDHmut
19966	MUC17	7	100679973	IDHmut_codel
19967	MUC17	7	100679973	LGG GBM
19968	MUC17	7	100679973	Oligo
19969	MUC17	7	100679973	Proneural
19970	MUC17	7	100680935	melanoma
19971	MUC17	7	100682715	lung
19972	MUC17	7	100682715	lung
19973	MUC17	7	100684689	melanoma
19974	MUC17	7	100685376	Classic_like
19975	MUC17	7	100685376	Gbm
19976	MUC17	7	100685376	IDHwt
19977	MUC17	7	100685376	IDHwt_priGBM
19978	MUC17	7	100685376	LGG GBM
19979	MUC17	7	100685376	Mesenchymal
19980	MUC17	7	100685493	melanoma
19981	MUC17	7	100685493	melanoma
19982	MUC17	7	100685493	melanoma
19983	MUC17	7	100685790	melanoma
19984	MUC17	7	100685790	melanoma
19985	MUC17	7	100685945	melanoma
19986	MUC17	7	100685961	lung
19987	MUC17	7	100686003	lung
19988	SERPINE1	7	100771855	melanoma
19989	NAT16	7	100816720	GCIMP_high
19990	NAT16	7	100816720	GCIMP_high
19991	NAT16	7	100816720	GCIMP_high
19992	NAT16	7	100816720	IDHmut
19993	NAT16	7	100816720	IDHmut
19994	NAT16	7	100816720	IDHmut
19995	NAT16	7	100816720	IDHmut_noncodel
19996	NAT16	7	100816720	IDHmut_noncodel
19997	NAT16	7	100816720	IDHmut_noncodel
19998	NAT16	7	100816720	LGG GBM
19999	NAT16	7	100816720	LGG GBM
20000	NAT16	7	100816720	LGG GBM
20001	NAT16	7	100816720	Oligo
20002	NAT16	7	100816720	Oligo
20003	NAT16	7	100816720	Oligo
20004	MOGAT3	7	100841964	lung
20005	PLOD3	7	100853673	lung
20006	PLOD3	7	100856465	lung
20007	PLOD3	7	100858378	melanoma
20008	CLDN15	7	100877603	Gbm
20009	CLDN15	7	100877603	IDHwt

20010	CLDN15	7	100877603	IDHwt_priGBM
20011	CLDN15	7	100877603	LGG GBM
20012	CLDN15	7	100877603	Mesenchymal
20013	CLDN15	7	100877603	Mesenchymal_like
20014	IFT22	7	100959698	melanoma
20015	MYL10	7	101267513	Codel
20016	MYL10	7	101267513	IDHmut
20017	MYL10	7	101267513	IDHmut_codel
20018	MYL10	7	101267513	LGG GBM
20019	MYL10	7	101267513	Neural
20020	MYL10	7	101267513	Oligo
20021	CUX1	7	101844886	lung
20022	CUX1	7	101844886	lung
20023	CUX1	7	101882735	melanoma
20024	ORAI2	7	102086975	Gbm
20025	ORAI2	7	102086975	IDHwt
20026	ORAI2	7	102086975	IDHwt_priGBM
20027	ORAI2	7	102086975	LGG GBM
20028	ORAI2	7	102086975	Proneural
20029	RASA4B	7	102136606	melanoma
20030	RASA4B	7	102136606	melanoma
20031	LRRC17	7	102579999	lung
20032	NAPEPLD	7	102760562	melanoma
20033	NAPEPLD	7	102769006	melanoma
20034	NAPEPLD	7	102769006	melanoma
20035	PMPCB	7	102939037	melanoma
20036	DNAJC2	7	102957296	melanoma
20037	DNAJC2	7	102957311	melanoma
20038	SLC26A5	7	102993353	lung
20039	PSMC2	7	103007985	melanoma
20040	PSMC2	7	103007985	melanoma
20041	SLC26A5	7	103048393	melanoma
20042	SLC26A5	7	103061934	melanoma
20043	SLC26A5	7	103061934	melanoma
20044	RELN	7	103131268	melanoma
20045	RELN	7	103131268	melanoma
20046	RELN	7	103131274	melanoma
20047	RELN	7	103137096	melanoma
20048	RELN	7	103137113	melanoma
20049	RELN	7	103151318	melanoma
20050	RELN	7	103179761	melanoma
20051	RELN	7	103180840	Codel
20052	RELN	7	103180840	IDHmut
20053	RELN	7	103180840	IDHmut_codel
20054	RELN	7	103180840	LGG GBM
20055	RELN	7	103180840	Oligo
20056	RELN	7	103180840	Proneural
20057	RELN	7	103205920	Gbm
20058	RELN	7	103205920	IDHwt
20059	RELN	7	103205920	IDHwt_priGBM
20060	RELN	7	103205920	LGG GBM
20061	RELN	7	103205920	Mesenchymal
20062	RELN	7	103205920	Mesenchymal_like
20063	RELN	7	103276003	bladder
20064	RELN	7	103338443	melanoma
20065	RELN	7	103629745	Astr
20066	RELN	7	103629745	Classic
20067	RELN	7	103629745	Classic_like

20068	RELN	7	103629745	IDHwt
20069	RELN	7	103629745	LGG GBM
20070	ORC5	7	103828779	melanoma
20071	ORC5	7	103828779	melanoma
20072	ORC5	7	103848283	hnscc
20073	KMT2E	7	104730521	melanoma
20074	KMT2E	7	104730521	melanoma
20075	KMT2E	7	104747822	melanoma
20076	KMT2E	7	104747822	melanoma
20077	KMT2E	7	104752647	bladder
20078	KMT2E	7	104753542	bladder
20079	PUS7	7	105122821	melanoma
20080	PUS7	7	105122859	lung
20081	PUS7	7	105142927	melanoma
20082	RINT1	7	105177032	lung
20083	RINT1	7	105189063	Astr
20084	RINT1	7	105189063	GCIMP_low
20085	RINT1	7	105189063	IDHmut
20086	RINT1	7	105189063	IDHmut_noncodel
20087	RINT1	7	105189063	LGG GBM
20088	RINT1	7	105189063	Proneural
20089	RINT1	7	105205732	melanoma
20090	CDHR3	7	105655647	melanoma
20091	CDHR3	7	105655647	melanoma
20092	CDHR3	7	105658336	melanoma
20093	CDHR3	7	105658336	melanoma
20094	CDHR3	7	105658336	melanoma
20095	SYPL1	7	105752620	melanoma
20096	PIK3CG	7	106508889	melanoma
20097	PIK3CG	7	106509352	Gbm
20098	PIK3CG	7	106509352	IDHwt
20099	PIK3CG	7	106509352	IDHwt_priGBM
20100	PIK3CG	7	106509352	LGG GBM
20101	PIK3CG	7	106509352	Mesenchymal
20102	PIK3CG	7	106509352	Mesenchymal_like
20103	PIK3CG	7	106513001	melanoma
20104	PIK3CG	7	106524646	Gbm
20105	PIK3CG	7	106524646	Gbm
20106	PIK3CG	7	106524646	Gbm
20107	PIK3CG	7	106524646	IDHwt
20108	PIK3CG	7	106524646	IDHwt
20109	PIK3CG	7	106524646	IDHwt
20110	PIK3CG	7	106524646	IDHwt_priGBM
20111	PIK3CG	7	106524646	IDHwt_priGBM
20112	PIK3CG	7	106524646	IDHwt_priGBM
20113	PIK3CG	7	106524646	LGG GBM
20114	PIK3CG	7	106524646	LGG GBM
20115	PIK3CG	7	106524646	LGG GBM
20116	HBP1	7	106836571	Codel
20117	HBP1	7	106836571	IDHmut
20118	HBP1	7	106836571	IDHmut_codel
20119	HBP1	7	106836571	LGG GBM
20120	HBP1	7	106836571	Oligo
20121	HBP1	7	106836571	Proneural
20122	GPR22	7	107114988	melanoma
20123	DUS4L	7	107214222	Classic_like
20124	DUS4L	7	107214222	Gbm
20125	DUS4L	7	107214222	IDHwt

20126	DUS4L	7	107214222	IDHwt_priGBM
20127	DUS4L	7	107214222	LGG GBM
20128	DUS4L	7	107214222	Mesenchymal
20129	SLC26A4	7	107303838	Classic
20130	SLC26A4	7	107303838	Classic_like
20131	SLC26A4	7	107303838	Gbm
20132	SLC26A4	7	107303838	IDHwt
20133	SLC26A4	7	107303838	IDHwt_priGBM
20134	SLC26A4	7	107303838	LGG GBM
20135	CBLL1	7	107398770	melanoma
20136	CBLL1	7	107398770	melanoma
20137	CBLL1	7	107399274	melanoma
20138	CBLL1	7	107399307	melanoma
20139	CBLL1	7	107399307	melanoma
20140	SLC26A3	7	107414595	melanoma
20141	SLC26A3	7	107414595	melanoma
20142	SLC26A3	7	107423751	Astr
20143	SLC26A3	7	107423751	Classic
20144	SLC26A3	7	107423751	Classic_like
20145	SLC26A3	7	107423751	IDHwt
20146	SLC26A3	7	107423751	LGG GBM
20147	SLC26A3	7	107430081	melanoma
20148	SLC26A3	7	107430081	melanoma
20149	DLD	7	107557761	Gbm
20150	DLD	7	107557761	Gbm
20151	DLD	7	107557761	IDHwt
20152	DLD	7	107557761	IDHwt
20153	DLD	7	107557761	IDHwt_priGBM
20154	DLD	7	107557761	IDHwt_priGBM
20155	DLD	7	107557761	LGG GBM
20156	DLD	7	107557761	LGG GBM
20157	DLD	7	107557761	Mesenchymal
20158	DLD	7	107557761	Mesenchymal
20159	LAMB1	7	107569643	melanoma
20160	LAMB1	7	107601063	lung
20161	LAMB4	7	107677968	melanoma
20162	LAMB4	7	107688447	melanoma
20163	LAMB4	7	107688447	melanoma
20164	LAMB4	7	107748255	melanoma
20165	NRCAM	7	107818452	melanoma
20166	NRCAM	7	107830152	bladder
20167	DNAJB9	7	108213604	melanoma
20168	C7orf66	7	108524126	Gbm
20169	C7orf66	7	108524126	IDHwt
20170	C7orf66	7	108524126	IDHwt_priGBM
20171	C7orf66	7	108524126	LGG GBM
20172	C7orf66	7	108524126	Mesenchymal
20173	C7orf66	7	108524126	Mesenchymal_like
20174	LRRN3	7	110764477	melanoma
20175	LRRN3	7	110764477	melanoma
20176	DOCK4	7	111368487	lung
20177	DOCK4	7	111395645	melanoma
20178	DOCK4	7	111395645	melanoma
20179	DOCK4	7	111409719	lung
20180	DOCK4	7	111575663	lung
20181	DOCK4	7	111580199	melanoma
20182	DOCK4	7	111617270	melanoma
20183	DOCK4	7	111617325	Astr

20184	DOCK4	7	111617325	GCIMP_high
20185	DOCK4	7	111617325	IDHmut
20186	DOCK4	7	111617325	IDHmut_noncodel
20187	DOCK4	7	111617325	LGG GBM
20188	DOCK4	7	111617325	Proneural
20189	TMEM168	7	112407400	melanoma
20190	TMEM168	7	112407400	melanoma
20191	TMEM168	7	112412997	melanoma
20192	TMEM168	7	112412997	melanoma
20193	BMT2	7	112462265	melanoma
20194	BMT2	7	112462265	melanoma
20195	GPR85	7	112723839	lung
20196	GPR85	7	112724397	Classic
20197	GPR85	7	112724397	Classic_like
20198	GPR85	7	112724397	Gbm
20199	GPR85	7	112724397	IDHwt
20200	GPR85	7	112724397	IDHwt_priGBM
20201	GPR85	7	112724397	LGG GBM
20202	PPP1R3A	7	113517926	melanoma
20203	PPP1R3A	7	113517926	melanoma
20204	PPP1R3A	7	113518059	melanoma
20205	PPP1R3A	7	113518134	melanoma
20206	PPP1R3A	7	113518376	melanoma
20207	PPP1R3A	7	113518376	melanoma
20208	PPP1R3A	7	113518533	melanoma
20209	PPP1R3A	7	113518533	melanoma
20210	PPP1R3A	7	113518548	melanoma
20211	PPP1R3A	7	113518548	melanoma
20212	PPP1R3A	7	113518628	melanoma
20213	PPP1R3A	7	113518676	melanoma
20214	PPP1R3A	7	113519285	Gbm
20215	PPP1R3A	7	113519285	GCIMP_low
20216	PPP1R3A	7	113519285	IDHmut
20217	PPP1R3A	7	113519285	IDHmut_noncodel
20218	PPP1R3A	7	113519285	LGG GBM
20219	PPP1R3A	7	113519285	Proneural
20220	PPP1R3A	7	113519637	melanoma
20221	PPP1R3A	7	113520014	melanoma
20222	PPP1R3A	7	113520014	melanoma
20223	PPP1R3A	7	113520161	melanoma
20224	PPP1R3A	7	113558802	melanoma
20225	FOXP2	7	114282644	melanoma
20226	FOXP2	7	114298170	melanoma
20227	MDFIC	7	114619720	GCIMP_high
20228	MDFIC	7	114619720	IDHmut
20229	MDFIC	7	114619720	IDHmut_noncodel
20230	MDFIC	7	114619720	LGG GBM
20231	TFEC	7	115590932	melanoma
20232	TFEC	7	115596763	melanoma
20233	TFEC	7	115614304	lung
20234	TFEC	7	115614304	lung
20235	CAV2	7	116140480	melanoma
20236	CAV2	7	116146113	melanoma
20237	CAV2	7	116146114	melanoma
20238	CAV2	7	116146114	melanoma
20239	MET	7	116339364	melanoma
20240	MET	7	116397586	melanoma
20241	WNT2	7	116963034	melanoma

20242	ASZ1	7	117062384	melanoma
20243	CFTR	7	117171055	melanoma
20244	CFTR	7	117171055	melanoma
20245	CFTR	7	117188704	melanoma
20246	CFTR	7	117232347	melanoma
20247	CFTR	7	117304899	Codel
20248	CFTR	7	117304899	IDHmut
20249	CFTR	7	117304899	IDHmut_codel
20250	CFTR	7	117304899	LGG GBM
20251	CFTR	7	117304899	Oligo
20252	CFTR	7	117304899	Proneural
20253	CTTNBP2	7	117375046	Gbm
20254	CTTNBP2	7	117375046	IDHwt
20255	CTTNBP2	7	117375046	IDHwt_priGBM
20256	CTTNBP2	7	117375046	LGG GBM
20257	CTTNBP2	7	117375046	LGM6 GBM
20258	CTTNBP2	7	117375046	Mesenchymal
20259	CTTNBP2	7	117424371	Classic
20260	CTTNBP2	7	117424371	Classic_like
20261	CTTNBP2	7	117424371	IDHwt
20262	CTTNBP2	7	117424371	LGG GBM
20263	CTTNBP2	7	117424371	OligoAstr
20264	KCND2	7	119915038	melanoma
20265	KCND2	7	120373004	melanoma
20266	KCND2	7	120385852	melanoma
20267	TSPAN12	7	120428675	melanoma
20268	TSPAN12	7	120428675	melanoma
20269	CPED1	7	120704356	lung
20270	CPED1	7	120704356	lung
20271	CPED1	7	120770249	melanoma
20272	CPED1	7	120782148	lung
20273	CPED1	7	120907310	melanoma
20274	CPED1	7	120935629	melanoma
20275	WNT16	7	120965476	melanoma
20276	FAM3C	7	120991214	melanoma
20277	FAM3C	7	121002959	melanoma
20278	PTPRZ1	7	121651568	melanoma
20279	PTPRZ1	7	121651994	melanoma
20280	PTPRZ1	7	121651994	melanoma
20281	PTPRZ1	7	121652320	lung
20282	PTPRZ1	7	121652555	melanoma
20283	PTPRZ1	7	121652555	melanoma
20284	PTPRZ1	7	121652555	melanoma
20285	PTPRZ1	7	121653064	melanoma
20286	PTPRZ1	7	121674390	lung
20287	PTPRZ1	7	121680933	bladder
20288	PTPRZ1	7	121691572	melanoma
20289	AASS	7	121731881	melanoma
20290	CADPS2	7	121960313	Gbm
20291	CADPS2	7	121960313	IDHwt
20292	CADPS2	7	121960313	IDHwt_priGBM
20293	CADPS2	7	121960313	LGG GBM
20294	CADPS2	7	121960313	Mesenchymal
20295	CADPS2	7	121960313	Mesenchymal_like
20296	CADPS2	7	121985642	lung
20297	CADPS2	7	122047711	melanoma
20298	CADPS2	7	122091506	melanoma
20299	CADPS2	7	122261662	Gbm

20300	CADPS2	7	122261662	IDHwt
20301	CADPS2	7	122261662	IDHwt_priGBM
20302	CADPS2	7	122261662	LGG GBM
20303	CADPS2	7	122261662	Mesenchymal
20304	RNF133	7	122338474	Classic
20305	RNF133	7	122338474	Classic
20306	RNF133	7	122338474	Classic
20307	RNF133	7	122338474	Gbm
20308	RNF133	7	122338474	Gbm
20309	RNF133	7	122338474	Gbm
20310	RNF133	7	122338474	IDHwt
20311	RNF133	7	122338474	IDHwt
20312	RNF133	7	122338474	IDHwt
20313	RNF133	7	122338474	IDHwt_priGBM
20314	RNF133	7	122338474	IDHwt_priGBM
20315	RNF133	7	122338474	IDHwt_priGBM
20316	RNF133	7	122338474	LGG GBM
20317	RNF133	7	122338474	LGG GBM
20318	RNF133	7	122338474	LGG GBM
20319	RNF133	7	122338474	Mesenchymal_like
20320	RNF133	7	122338474	Mesenchymal_like
20321	RNF133	7	122338474	Mesenchymal_like
20322	RNF148	7	122342146	melanoma
20323	TAS2R16	7	122635270	melanoma
20324	TAS2R16	7	122635483	bladder
20325	TAS2R16	7	122635560	Codel
20326	TAS2R16	7	122635560	IDHmut
20327	TAS2R16	7	122635560	IDHmut_codel
20328	TAS2R16	7	122635560	LGG GBM
20329	TAS2R16	7	122635560	Oligo
20330	TAS2R16	7	122635560	Proneural
20331	TAS2R16	7	122635640	melanoma
20332	SLC13A1	7	122757638	melanoma
20333	SLC13A1	7	122757638	melanoma
20334	SLC13A1	7	122774533	melanoma
20335	IQUB	7	123101608	melanoma
20336	IQUB	7	123136785	melanoma
20337	IQUB	7	123142653	melanoma
20338	IQUB	7	123142653	melanoma
20339	LMOD2	7	123302314	Astr
20340	LMOD2	7	123302314	GCIMP_high
20341	LMOD2	7	123302314	IDHmut
20342	LMOD2	7	123302314	IDHmut_noncodel
20343	LMOD2	7	123302314	LGG GBM
20344	LMOD2	7	123302314	Proneural
20345	LMOD2	7	123302696	Classic_like
20346	LMOD2	7	123302696	Gbm
20347	LMOD2	7	123302696	IDHwt
20348	LMOD2	7	123302696	IDHwt_priGBM
20349	LMOD2	7	123302696	LGG GBM
20350	LMOD2	7	123302696	Mesenchymal
20351	SPAM1	7	123593748	melanoma
20352	SPAM1	7	123593748	melanoma
20353	SPAM1	7	123593748	melanoma
20354	SPAM1	7	123593748	melanoma
20355	SPAM1	7	123593748	melanoma
20356	SPAM1	7	123593958	melanoma
20357	SPAM1	7	123593961	melanoma

20358	SPAM1	7	123594466	Classic
20359	SPAM1	7	123594466	Classic_like
20360	SPAM1	7	123594466	Gbm
20361	SPAM1	7	123594466	IDHwt
20362	SPAM1	7	123594466	IDHwt_priGBM
20363	SPAM1	7	123594466	LGG GBM
20364	SPAM1	7	123595054	melanoma
20365	SPAM1	7	123595133	GCIMP_high
20366	SPAM1	7	123595133	IDHmut
20367	SPAM1	7	123595133	IDHmut_noncodel
20368	SPAM1	7	123595133	LGG GBM
20369	SPAM1	7	123595133	Neural
20370	GPR37	7	124386977	Astr
20371	GPR37	7	124386977	Classic
20372	GPR37	7	124386977	Classic_like
20373	GPR37	7	124386977	IDHwt
20374	GPR37	7	124386977	LGG GBM
20375	GPR37	7	124387325	Gbm
20376	GPR37	7	124387325	IDHwt
20377	GPR37	7	124387325	IDHwt_priGBM
20378	GPR37	7	124387325	LGG GBM
20379	GPR37	7	124387325	Mesenchymal
20380	GPR37	7	124387325	Mesenchymal_like
20381	GPR37	7	124404129	melanoma
20382	POT1	7	124465369	lung
20383	POT1	7	124467344	melanoma
20384	POT1	7	124467344	melanoma
20385	POT1	7	124475462	melanoma
20386	POT1	7	124481097	melanoma
20387	POT1	7	124481097	melanoma
20388	POT1	7	124503470	Codel
20389	POT1	7	124503470	IDHmut
20390	POT1	7	124503470	IDHmut_codel
20391	POT1	7	124503470	LGG GBM
20392	POT1	7	124503470	Oligo
20393	GRM8	7	126173250	melanoma
20394	GRM8	7	126544134	melanoma
20395	GRM8	7	126883190	lung
20396	GRM8	7	126883230	melanoma
20397	FSCN3	7	127240253	IDHwt
20398	FSCN3	7	127240253	LGG GBM
20399	FSCN3	7	127240253	Mesenchymal_like
20400	FSCN3	7	127240253	Oligo
20401	PAX4	7	127254980	Gbm
20402	PAX4	7	127254980	IDHwt
20403	PAX4	7	127254980	IDHwt_priGBM
20404	PAX4	7	127254980	LGG GBM
20405	PAX4	7	127254980	Mesenchymal
20406	PAX4	7	127255046	Astr
20407	PAX4	7	127255046	GCIMP_high
20408	PAX4	7	127255046	IDHmut
20409	PAX4	7	127255046	IDHmut_noncodel
20410	PAX4	7	127255046	LGG GBM
20411	PAX4	7	127255046	Mesenchymal
20412	SND1	7	127343265	melanoma
20413	SND1	7	127447559	melanoma
20414	SND1	7	127447559	melanoma
20415	RBM28	7	127950900	melanoma

20416	RBM28	7	127979298	melanoma
20417	PRRT4	7	127999888	melanoma
20418	IMPDH1	7	128035075	melanoma
20419	METTL2B	7	128141875	bladder
20420	FAM71F2	7	128320125	melanoma
20421	FAM71F2	7	128320125	melanoma
20422	FAM71F2	7	128320125	melanoma
20423	FAM71F1	7	128355632	hnsc
20424	CALU	7	128407527	melanoma
20425	CALU	7	128409138	melanoma
20426	CCDC136	7	128457851	melanoma
20427	FLNC	7	128483620	Astr
20428	FLNC	7	128483620	IDHwt
20429	FLNC	7	128483620	LGG GBM
20430	FLNC	7	128483620	Neural
20431	FLNC	7	128483620	PA like
20432	FLNC	7	128485030	hnsc
20433	FLNC	7	128485030	hnsc
20434	FLNC	7	128486103	lung
20435	FLNC	7	128489480	melanoma
20436	FLNC	7	128491526	Classic
20437	FLNC	7	128491526	Classic_like
20438	FLNC	7	128491526	Gbm
20439	FLNC	7	128491526	IDHwt
20440	FLNC	7	128491526	IDHwt_priGBM
20441	FLNC	7	128491526	LGG GBM
20442	FLNC	7	128492719	melanoma
20443	FLNC	7	128492792	melanoma
20444	FLNC	7	128493844	melanoma
20445	FLNC	7	128493844	melanoma
20446	FLNC	7	128493844	melanoma
20447	FLNC	7	128494241	melanoma
20448	FLNC	7	128496960	bladder
20449	FLNC	7	128497261	melanoma
20450	FLNC	7	128498546	melanoma
20451	FLNC	7	128498546	melanoma
20452	IRF5	7	128587959	melanoma
20453	IRF5	7	128588305	melanoma
20454	TSPAN33	7	128804343	Codel
20455	TSPAN33	7	128804343	IDHmut
20456	TSPAN33	7	128804343	IDHmut_codel
20457	TSPAN33	7	128804343	LGG GBM
20458	TSPAN33	7	128804343	OligoAstr
20459	NRF1	7	129317507	melanoma
20460	NRF1	7	129330367	melanoma
20461	TMEM209	7	129841823	melanoma
20462	TMEM209	7	129841869	melanoma
20463	TMEM209	7	129841869	melanoma
20464	TMEM209	7	129841869	melanoma
20465	TMEM209	7	129842414	lung
20466	SSMEM1	7	129847922	lung
20467	CPA2	7	129913012	melanoma
20468	CPA1	7	130021973	melanoma
20469	CPA1	7	130023308	Astr
20470	CPA1	7	130023308	GCIMP_high
20471	CPA1	7	130023308	IDHmut
20472	CPA1	7	130023308	IDHmut_noncodel
20473	CPA1	7	130023308	LGG GBM

20474	CPA1	7	130023308	Proneural
20475	MEST	7	130135316	melanoma
20476	MEST	7	130137050	melanoma
20477	MEST	7	130140343	melanoma
20478	MEST	7	130140343	melanoma
20479	MEST	7	130140343	melanoma
20480	COPG2	7	130352345	melanoma
20481	TSGA13	7	130364078	Astr
20482	TSGA13	7	130364078	Astr
20483	TSGA13	7	130364078	GCIMP_low
20484	TSGA13	7	130364078	GCIMP_low
20485	TSGA13	7	130364078	IDHmut
20486	TSGA13	7	130364078	IDHmut
20487	TSGA13	7	130364078	IDHmut_noncodel
20488	TSGA13	7	130364078	IDHmut_noncodel
20489	TSGA13	7	130364078	LGG GBM
20490	TSGA13	7	130364078	LGG GBM
20491	TSGA13	7	130364078	Proneural
20492	TSGA13	7	130364078	Proneural
20493	KLF14	7	130417968	melanoma
20494	KLF14	7	130418098	Codel
20495	KLF14	7	130418098	IDHmut
20496	KLF14	7	130418098	IDHmut_codel
20497	KLF14	7	130418098	LGG GBM
20498	KLF14	7	130418098	Oligo
20499	KLF14	7	130418098	Proneural
20500	MKLN1	7	131172456	melanoma
20501	PODXL	7	131194267	melanoma
20502	PLXNA4	7	131866162	bladder
20503	PLXNA4	7	131872246	melanoma
20504	PLXNA4	7	131872333	Gbm
20505	PLXNA4	7	131872333	IDHwt
20506	PLXNA4	7	131872333	IDHwt_priGBM
20507	PLXNA4	7	131872333	LGG GBM
20508	PLXNA4	7	131872333	Mesenchymal
20509	PLXNA4	7	131912238	lung
20510	PLXNA4	7	131912238	lung
20511	PLXNA4	7	132174155	melanoma
20512	PLXNA4	7	132192441	IDHwt_priGBM2
20513	PLXNA4	7	132192525	bladder
20514	PLXNA4	7	132192993	melanoma
20515	EXOC4	7	133160122	melanoma
20516	EXOC4	7	133160122	melanoma
20517	EXOC4	7	133692483	IDHwt_priGBM2
20518	EXOC4	7	133692502	Astr
20519	EXOC4	7	133692502	GCIMP_high
20520	EXOC4	7	133692502	IDHmut
20521	EXOC4	7	133692502	IDHmut_noncodel
20522	EXOC4	7	133692502	LGG GBM
20523	EXOC4	7	133692502	Proneural
20524	LRGUK	7	133933819	melanoma
20525	SLC35B4	7	133989602	melanoma
20526	SLC35B4	7	133989602	melanoma
20527	AKR1B10	7	134216768	melanoma
20528	AKR1B10	7	134222349	melanoma
20529	AKR1B15	7	134254171	melanoma
20530	CNOT4	7	135078909	Codel
20531	CNOT4	7	135078909	Codel

20532	CNOT4	7	135078909	IDHmut
20533	CNOT4	7	135078909	IDHmut
20534	CNOT4	7	135078909	IDHmut_codel
20535	CNOT4	7	135078909	IDHmut_codel
20536	CNOT4	7	135078909	LGG GBM
20537	CNOT4	7	135078909	LGG GBM
20538	CNOT4	7	135078909	Neural
20539	CNOT4	7	135078909	Neural
20540	CNOT4	7	135078909	OligoAstr
20541	CNOT4	7	135078909	OligoAstr
20542	CNOT4	7	135078909	Codel
20543	CNOT4	7	135078909	Codel
20544	CNOT4	7	135078909	IDHmut
20545	CNOT4	7	135078909	IDHmut
20546	CNOT4	7	135078909	IDHmut_codel
20547	CNOT4	7	135078909	IDHmut_codel
20548	CNOT4	7	135078909	LGG GBM
20549	CNOT4	7	135078909	LGG GBM
20550	CNOT4	7	135078909	Oligo
20551	CNOT4	7	135078909	Oligo
20552	CNOT4	7	135080574	melanoma
20553	CNOT4	7	135080574	melanoma
20554	CNOT4	7	135082928	melanoma
20555	NUP205	7	135263606	melanoma
20556	NUP205	7	135312740	melanoma
20557	NUP205	7	135312740	melanoma
20558	NUP205	7	135333234	melanoma
20559	SLC13A4	7	135376044	melanoma
20560	SLC13A4	7	135386493	melanoma
20561	FAM180A	7	135433315	melanoma
20562	CHRM2	7	136700087	melanoma
20563	CHRM2	7	136700087	melanoma
20564	DGKI	7	137092686	melanoma
20565	DGKI	7	137096929	melanoma
20566	DGKI	7	137237268	melanoma
20567	DGKI	7	137257514	melanoma
20568	DGKI	7	137308267	melanoma
20569	DGKI	7	137308267	melanoma
20570	DGKI	7	137308267	melanoma
20571	DGKI	7	137363356	Gbm
20572	DGKI	7	137363356	IDHwt
20573	DGKI	7	137363356	IDHwt_priGBM
20574	DGKI	7	137363356	LGG GBM
20575	DGKI	7	137363356	Mesenchymal
20576	DGKI	7	137363356	Mesenchymal_like
20577	CREB3L2	7	137597721	melanoma
20578	CREB3L2	7	137597722	melanoma
20579	AKR1D1	7	137773440	melanoma
20580	AKR1D1	7	137773491	melanoma
20581	AKR1D1	7	137776548	melanoma
20582	AKR1D1	7	137792271	melanoma
20583	TRIM24	7	138210006	melanoma
20584	TRIM24	7	138223445	melanoma
20585	SVOPL	7	138305873	Classic
20586	SVOPL	7	138305873	Classic
20587	SVOPL	7	138305873	Classic_like
20588	SVOPL	7	138305873	Classic_like
20589	SVOPL	7	138305873	Gbm

20590	SVOPL	7	138305873	Gbm
20591	SVOPL	7	138305873	IDHwt
20592	SVOPL	7	138305873	IDHwt
20593	SVOPL	7	138305873	IDHwt_priGBM
20594	SVOPL	7	138305873	IDHwt_priGBM
20595	SVOPL	7	138305873	LGG GBM
20596	SVOPL	7	138305873	LGG GBM
20597	SVOPL	7	138312200	melanoma
20598	SVOPL	7	138329545	melanoma
20599	SVOPL	7	138329545	melanoma
20600	SVOPL	7	138329545	melanoma
20601	SVOPL	7	138347888	melanoma
20602	ATP6V0A4	7	138424302	lung
20603	ATP6V0A4	7	138424374	bladder
20604	ATP6V0A4	7	138429959	melanoma
20605	ATP6V0A4	7	138432176	Classic like
20606	ATP6V0A4	7	138432176	Gbm
20607	ATP6V0A4	7	138432176	IDHwt
20608	ATP6V0A4	7	138432176	IDHwt_priGBM
20609	ATP6V0A4	7	138432176	LGG GBM
20610	ATP6V0A4	7	138432176	Neural
20611	ATP6V0A4	7	138433951	lung
20612	KIAA1549	7	138529175	melanoma
20613	KIAA1549	7	138545892	melanoma
20614	KIAA1549	7	138554416	melanoma
20615	KIAA1549	7	138596063	melanoma
20616	KIAA1549	7	138602480	bladder
20617	KIAA1549	7	138603767	melanoma
20618	ZC3HAV1	7	138764617	melanoma
20619	TTC26	7	138833062	melanoma
20620	TTC26	7	138833062	melanoma
20621	TTC26	7	138849920	melanoma
20622	UBN2	7	138967860	lung
20623	UBN2	7	138967860	lung
20624	UBN2	7	138968272	melanoma
20625	HIPK2	7	139257846	melanoma
20626	HIPK2	7	139259957	bladder
20627	HIPK2	7	139316027	Gbm
20628	HIPK2	7	139316027	Gbm
20629	HIPK2	7	139316027	IDHwt
20630	HIPK2	7	139316027	IDHwt
20631	HIPK2	7	139316027	IDHwt_priGBM
20632	HIPK2	7	139316027	IDHwt_priGBM
20633	HIPK2	7	139316027	LGG GBM
20634	HIPK2	7	139316027	LGG GBM
20635	HIPK2	7	139316027	Mesenchymal
20636	HIPK2	7	139316027	Mesenchymal
20637	TBXAS1	7	139661886	melanoma
20638	TBXAS1	7	139706969	melanoma
20639	TBXAS1	7	139706970	melanoma
20640	PARP12	7	139726008	melanoma
20641	PARP12	7	139726008	melanoma
20642	PARP12	7	139734111	Codel
20643	PARP12	7	139734111	IDHmut
20644	PARP12	7	139734111	IDHmut_codel
20645	PARP12	7	139734111	LGG GBM
20646	PARP12	7	139734111	Neural
20647	PARP12	7	139734111	Oligo

20648	PARP12	7	139746778	melanoma
20649	KDM7A	7	139799757	melanoma
20650	MKRN1	7	140154479	lung
20651	DENND2A	7	140255440	melanoma
20652	DENND2A	7	140273753	melanoma
20653	DENND2A	7	140301518	lung
20654	DENND2A	7	140301677	melanoma
20655	BRAF	7	140453137	melanoma
20656	BRAF	7	140453137	melanoma
20657	BRAF	7	140453137	melanoma
20658	BRAF	7	140453137	melanoma
20659	BRAF	7	140453146	melanoma
20660	BRAF	7	140453155	melanoma
20661	BRAF	7	140453155	melanoma
20662	BRAF	7	140481402	bladder
20663	BRAF	7	140481411	lung
20664	BRAF	7	140494148	melanoma
20665	BRAF	7	140494160	melanoma
20666	AGK	7	141341617	melanoma
20667	AGK	7	141341617	melanoma
20668	KIAA1147	7	141366171	melanoma
20669	WEE2	7	141418950	melanoma
20670	WEE2	7	141423024	melanoma
20671	SSBP1	7	141445381	melanoma
20672	TAS2R3	7	141464107	melanoma
20673	TAS2R3	7	141464545	melanoma
20674	TAS2R3	7	141464545	melanoma
20675	TAS2R3	7	141464545	melanoma
20676	TAS2R3	7	141464545	melanoma
20677	TAS2R3	7	141464545	melanoma
20678	TAS2R3	7	141464545	melanoma
20679	TAS2R4	7	141478676	melanoma
20680	TAS2R4	7	141478676	melanoma
20681	TAS2R4	7	141478878	melanoma
20682	TAS2R4	7	141478878	melanoma
20683	TAS2R5	7	141490721	melanoma
20684	TAS2R5	7	141490721	melanoma
20685	PRSS37	7	141536226	melanoma
20686	PRSS37	7	141536226	melanoma
20687	PRSS37	7	141536226	melanoma
20688	PRSS37	7	141536226	melanoma
20689	PRSS37	7	141536226	melanoma
20690	PRSS37	7	141536226	melanoma
20691	PRSS37	7	141536922	melanoma
20692	OR9A4	7	141618703	melanoma
20693	OR9A4	7	141618715	melanoma
20694	OR9A4	7	141618751	melanoma
20695	OR9A4	7	141618752	melanoma
20696	OR9A4	7	141619021	melanoma
20697	OR9A4	7	141619252	melanoma
20698	OR9A4	7	141619252	melanoma
20699	OR9A4	7	141619261	melanoma
20700	OR9A4	7	141619312	bladder
20701	OR9A4	7	141619385	melanoma
20702	OR9A4	7	141619385	melanoma
20703	OR9A4	7	141619469	Gbm
20704	OR9A4	7	141619469	Gbm
20705	OR9A4	7	141619469	IDHwt

20706	OR9A4	7	141619469	IDHwt
20707	OR9A4	7	141619469	IDHwt_priGBM
20708	OR9A4	7	141619469	IDHwt_priGBM
20709	OR9A4	7	141619469	LGG GBM
20710	OR9A4	7	141619469	LGG GBM
20711	OR9A4	7	141619469	LGm6_GBM
20712	OR9A4	7	141619469	LGm6_GBM
20713	OR9A4	7	141619469	Neural
20714	OR9A4	7	141619469	Neural
20715	OR9A4	7	141619506	melanoma
20716	CLEC5A	7	141635639	GCIMP_high
20717	CLEC5A	7	141635639	IDHmut
20718	CLEC5A	7	141635639	IDHmut_noncodel
20719	CLEC5A	7	141635639	LGG GBM
20720	CLEC5A	7	141635639	Oligo
20721	CLEC5A	7	141635679	melanoma
20722	TAS2R38	7	141672574	lung
20723	TAS2R38	7	141672669	Classic_like
20724	TAS2R38	7	141672669	Gbm
20725	TAS2R38	7	141672669	IDHwt
20726	TAS2R38	7	141672669	IDHwt_priGBM
20727	TAS2R38	7	141672669	LGG GBM
20728	TAS2R38	7	141672738	melanoma
20729	TAS2R38	7	141672745	melanoma
20730	TAS2R38	7	141673234	melanoma
20731	MGAM	7	141730466	melanoma
20732	MGAM	7	141730466	melanoma
20733	MGAM	7	141730524	melanoma
20734	MGAM	7	141736008	melanoma
20735	MGAM	7	141752720	melanoma
20736	MGAM	7	141752720	melanoma
20737	MGAM	7	141754594	melanoma
20738	MGAM	7	141799530	melanoma
20739	MGAM	7	141799530	melanoma
20740	MGAM	7	141800675	lung
20741	MGAM	7	141800675	lung
20742	MGAM2	7	141896588	melanoma
20743	MGAM2	7	141908381	melanoma
20744	MGAM2	7	141918317	melanoma
20745	MGAM2	7	141918317	melanoma
20746	MGAM2	7	141919754	melanoma
20747	PRSS58	7	141952064	melanoma
20748	PRSS58	7	141954883	Gbm
20749	PRSS58	7	141954883	IDHwt
20750	PRSS58	7	141954883	IDHwt_priGBM
20751	PRSS58	7	141954883	LGG GBM
20752	PRSS58	7	141954883	Mesenchymal
20753	PRSS58	7	141954883	Mesenchymal_like
20754	PRSS58	7	141955085	melanoma
20755	PRSS58	7	141955085	melanoma
20756	PRSS1	7	142460354	melanoma
20757	PRSS1	7	142460354	melanoma
20758	EPHB6	7	142561931	melanoma
20759	EPHB6	7	142561931	melanoma
20760	EPHB6	7	142562064	melanoma
20761	EPHB6	7	142564701	melanoma
20762	EPHB6	7	142566034	melanoma
20763	EPHB6	7	142568078	melanoma

20764	TRPV6	7	142571334	melanoma
20765	TRPV6	7	142572667	melanoma
20766	TRPV6	7	142573346	melanoma
20767	TRPV6	7	142573411	Classic_like
20768	TRPV6	7	142573411	Gbm
20769	TRPV6	7	142573411	LGG GBM
20770	TRPV6	7	142573411	Proneural
20771	TRPV6	7	142573633	Astr
20772	TRPV6	7	142573633	Classic
20773	TRPV6	7	142573633	IDHwt
20774	TRPV6	7	142573633	LGG GBM
20775	TRPV6	7	142573633	Mesenchymal_like
20776	TRPV5	7	142609668	melanoma
20777	TRPV5	7	142625886	melanoma
20778	TRPV5	7	142625886	melanoma
20779	TRPV5	7	142626123	Astr
20780	TRPV5	7	142626123	GCIMP_high
20781	TRPV5	7	142626123	IDHmut
20782	TRPV5	7	142626123	IDHmut_noncodel
20783	TRPV5	7	142626123	LGG GBM
20784	TRPV5	7	142626123	Proneural
20785	TRPV5	7	142626626	melanoma
20786	TRPV5	7	142626626	melanoma
20787	TRPV5	7	142626626	melanoma
20788	TRPV5	7	142626626	melanoma
20789	TRPV5	7	142630481	melanoma
20790	C7orf34	7	142637616	melanoma
20791	KEL	7	142638364	melanoma
20792	KEL	7	142639988	Codel
20793	KEL	7	142639988	IDHmut
20794	KEL	7	142639988	IDHmut_codel
20795	KEL	7	142639988	LGG GBM
20796	KEL	7	142639988	Oligo
20797	KEL	7	142639988	Proneural
20798	KEL	7	142640125	melanoma
20799	KEL	7	142640921	melanoma
20800	KEL	7	142643310	melanoma
20801	KEL	7	142649704	melanoma
20802	KEL	7	142651356	melanoma
20803	KEL	7	142655026	Gbm
20804	KEL	7	142655026	IDHwt
20805	KEL	7	142655026	IDHwt_priGBM
20806	KEL	7	142655026	LGG GBM
20807	KEL	7	142655026	Mesenchymal
20808	KEL	7	142655026	melanoma
20809	OR9A2	7	142723384	melanoma
20810	OR9A2	7	142723384	melanoma
20811	OR9A2	7	142723384	melanoma
20812	OR9A2	7	142723556	melanoma
20813	OR9A2	7	142724101	melanoma
20814	OR9A2	7	142724198	lung
20815	OR6V1	7	142749543	Classic
20816	OR6V1	7	142749543	Gbm
20817	OR6V1	7	142749543	IDHwt
20818	OR6V1	7	142749543	IDHwt_priGBM
20819	OR6V1	7	142749543	LGG GBM
20820	OR6V1	7	142749543	Mesenchymal_like
20821	OR6V1	7	142749763	melanoma

20822	OR6V1	7	142749763	melanoma
20823	TAS2R39	7	142881038	melanoma
20824	TAS2R39	7	142881038	melanoma
20825	TAS2R39	7	142881038	melanoma
20826	TAS2R39	7	142881038	melanoma
20827	TAS2R39	7	142881038	melanoma
20828	TAS2R39	7	142881238	melanoma
20829	TAS2R40	7	142919653	Astr
20830	TAS2R40	7	142919653	Astr
20831	TAS2R40	7	142919653	Astr
20832	TAS2R40	7	142919653	Classic
20833	TAS2R40	7	142919653	Classic
20834	TAS2R40	7	142919653	Classic
20835	TAS2R40	7	142919653	IDHwt
20836	TAS2R40	7	142919653	IDHwt
20837	TAS2R40	7	142919653	IDHwt
20838	TAS2R40	7	142919653	LGG GBM
20839	TAS2R40	7	142919653	LGG GBM
20840	TAS2R40	7	142919653	LGG GBM
20841	TAS2R40	7	142919653	Mesenchymal_like
20842	TAS2R40	7	142919653	Mesenchymal_like
20843	TAS2R40	7	142919653	Mesenchymal_like
20844	TAS2R40	7	142919658	melanoma
20845	TAS2R40	7	142919868	lung
20846	GSTK1	7	142961724	melanoma
20847	GSTK1	7	142961724	melanoma
20848	GSTK1	7	142961724	melanoma
20849	CASP2	7	142988748	melanoma
20850	CLCN1	7	143018822	melanoma
20851	CLCN1	7	143018827	melanoma
20852	CLCN1	7	143028358	melanoma
20853	CLCN1	7	143029919	melanoma
20854	CLCN1	7	143036401	Gbm
20855	CLCN1	7	143036401	IDHwt
20856	CLCN1	7	143036401	IDHwt_priGBM
20857	CLCN1	7	143036401	LGG GBM
20858	CLCN1	7	143036401	Mesenchymal
20859	CLCN1	7	143048892	melanoma
20860	FAM131B	7	143054097	melanoma
20861	FAM131B	7	143054097	melanoma
20862	FAM131B	7	143054097	melanoma
20863	EPHA1	7	143090810	melanoma
20864	EPHA1	7	143098605	lung
20865	TAS2R60	7	143140691	melanoma
20866	TAS2R60	7	143140967	melanoma
20867	TAS2R41	7	143174982	Gbm
20868	TAS2R41	7	143174982	IDHwt
20869	TAS2R41	7	143174982	IDHwt_priGBM
20870	TAS2R41	7	143174982	LGG GBM
20871	TAS2R41	7	143174982	Mesenchymal
20872	TCAF2	7	143421584	melanoma
20873	CTAGE6	7	143453518	melanoma
20874	CTAGE6	7	143453526	melanoma
20875	TCAF1	7	143573560	melanoma
20876	TCAF1	7	143573560	melanoma
20877	OR2F2	7	143632699	melanoma
20878	OR2F2	7	143632969	Gbm
20879	OR2F2	7	143632969	IDHwt

20880	OR2F2	7	143632969	IDHwt_priGBM
20881	OR2F2	7	143632969	LGG GBM
20882	OR2F1	7	143657278	melanoma
20883	OR6B1	7	143701160	lung
20884	OR6B1	7	143701930	melanoma
20885	OR2A5	7	143747517	melanoma
20886	OR2A5	7	143747531	melanoma
20887	OR2A5	7	143747531	melanoma
20888	OR2A5	7	143747537	melanoma
20889	OR2A5	7	143747664	Classic_like
20890	OR2A5	7	143747664	Classic_like
20891	OR2A5	7	143747664	IDHwt
20892	OR2A5	7	143747664	IDHwt
20893	OR2A5	7	143747664	LGG GBM
20894	OR2A5	7	143747664	LGG GBM
20895	OR2A5	7	143747664	OligoAstr
20896	OR2A5	7	143747664	OligoAstr
20897	OR2A5	7	143747664	Proneural
20898	OR2A5	7	143747664	Proneural
20899	OR2A5	7	143747706	melanoma
20900	OR2A5	7	143748162	Gbm
20901	OR2A5	7	143748162	IDHwt
20902	OR2A5	7	143748162	IDHwt_priGBM
20903	OR2A5	7	143748162	LGG GBM
20904	OR2A5	7	143748162	Mesenchymal
20905	OR2A5	7	143748162	Mesenchymal_like
20906	OR2A5	7	143748222	melanoma
20907	OR2A25	7	143771431	melanoma
20908	OR2A25	7	143771541	melanoma
20909	OR2A25	7	143771552	Classic_like
20910	OR2A25	7	143771552	Gbm
20911	OR2A25	7	143771552	IDHwt
20912	OR2A25	7	143771552	IDHwt_priGBM
20913	OR2A25	7	143771552	LGG GBM
20914	OR2A25	7	143771552	Mesenchymal
20915	OR2A25	7	143771587	melanoma
20916	OR2A25	7	143771587	melanoma
20917	OR2A25	7	143771587	melanoma
20918	OR2A25	7	143771640	melanoma
20919	OR2A25	7	143771640	melanoma
20920	OR2A25	7	143771878	Codel
20921	OR2A25	7	143771878	IDHmut
20922	OR2A25	7	143771878	IDHmut_codel
20923	OR2A25	7	143771878	LGG GBM
20924	OR2A25	7	143771878	Neural
20925	OR2A25	7	143771878	Oligo
20926	OR2A25	7	143771947	melanoma
20927	OR2A25	7	143771947	melanoma
20928	OR2A12	7	143792412	melanoma
20929	OR2A12	7	143792412	melanoma
20930	OR2A12	7	143792837	melanoma
20931	OR2A12	7	143792960	Astr
20932	OR2A12	7	143792960	Codel
20933	OR2A12	7	143792960	IDHmut
20934	OR2A12	7	143792960	IDHmut_codel
20935	OR2A12	7	143792960	LGG GBM
20936	OR2A12	7	143792960	Neural
20937	OR2A2	7	143806811	melanoma

20938	OR2A2	7	143806859	melanoma
20939	OR2A2	7	143806866	lung
20940	OR2A2	7	143806866	lung
20941	OR2A2	7	143807150	melanoma
20942	OR2A2	7	143807388	melanoma
20943	OR2A14	7	143826309	lung
20944	OR2A14	7	143826309	lung
20945	OR2A14	7	143826324	melanoma
20946	OR2A14	7	143826324	melanoma
20947	OR2A14	7	143826467	melanoma
20948	OR2A14	7	143826488	melanoma
20949	OR2A14	7	143826488	melanoma
20950	OR2A14	7	143826896	melanoma
20951	OR2A1;OR2A42	7	143929644	Gbm
20952	OR2A1;OR2A42	7	143929644	Gbm
20953	OR2A1;OR2A42	7	143929644	Gbm
20954	OR2A1;OR2A42	7	143929644	IDHwt
20955	OR2A1;OR2A42	7	143929644	IDHwt
20956	OR2A1;OR2A42	7	143929644	IDHwt
20957	OR2A1;OR2A42	7	143929644	IDHwt_priGBM
20958	OR2A1;OR2A42	7	143929644	IDHwt_priGBM
20959	OR2A1;OR2A42	7	143929644	IDHwt_priGBM
20960	OR2A1;OR2A42	7	143929644	LGG GBM
20961	OR2A1;OR2A42	7	143929644	LGG GBM
20962	OR2A1;OR2A42	7	143929644	LGG GBM
20963	OR2A1;OR2A42	7	143929644	Mesenchymal
20964	OR2A1;OR2A42	7	143929644	Mesenchymal
20965	OR2A1;OR2A42	7	143929644	Mesenchymal
20966	OR2A1;OR2A42	7	143929644	Mesenchymal_like
20967	OR2A1;OR2A42	7	143929644	Mesenchymal_like
20968	OR2A1;OR2A42	7	143929644	Mesenchymal_like
20969	OR2A1;OR2A42	7	144015545	melanoma
20970	OR2A1;OR2A42	7	144015545	melanoma
20971	ARHGFE5	7	144060423	melanoma
20972	ARHGFE5	7	144060433	melanoma
20973	ARHGFE5	7	144060433	melanoma
20974	ARHGFE5	7	144077039	melanoma
20975	NOBOX	7	144098582	melanoma
20976	NOBOX	7	144101720	melanoma
20977	TPK1	7	144228164	melanoma
20978	TPK1	7	144364921	melanoma
20979	TPK1	7	144463009	melanoma
20980	CNTNAP2	7	146741054	Classic_like
20981	CNTNAP2	7	146741054	Gbm
20982	CNTNAP2	7	146741054	LGG GBM
20983	CNTNAP2	7	146741054	Proneural
20984	CNTNAP2	7	146741125	melanoma
20985	CNTNAP2	7	146805346	melanoma
20986	CNTNAP2	7	147092850	Classic_like
20987	CNTNAP2	7	147092850	Gbm
20988	CNTNAP2	7	147092850	IDHwt
20989	CNTNAP2	7	147092850	IDHwt_priGBM
20990	CNTNAP2	7	147092850	LGG GBM
20991	CNTNAP2	7	147092850	Mesenchymal
20992	CNTNAP2	7	147675061	melanoma
20993	CNTNAP2	7	147844604	melanoma
20994	CNTNAP2	7	147844604	melanoma
20995	CNTNAP2	7	147844604	melanoma

20996	CNTNAP2	7	147844604	melanoma
20997	CNTNAP2	7	147926825	melanoma
20998	CUL1	7	148451085	Classic
20999	CUL1	7	148451085	IDHwt
21000	CUL1	7	148451085	LGG GBM
21001	CUL1	7	148451085	Mesenchymal_like
21002	CUL1	7	148451085	OligoAstr
21003	ZNF786	7	148768015	melanoma
21004	ZNF398	7	148875782	melanoma
21005	ZNF282	7	148909483	Gbm
21006	ZNF282	7	148909483	IDHwt
21007	ZNF282	7	148909483	IDHwt_priGBM
21008	ZNF282	7	148909483	LGG GBM
21009	ZNF282	7	148909483	Mesenchymal_like
21010	ZNF783	7	148963514	melanoma
21011	ZNF783	7	148979387	melanoma
21012	ZNF777	7	149129549	melanoma
21013	ZNF777	7	149129549	melanoma
21014	ZNF777	7	149129549	melanoma
21015	ZNF777	7	149129549	melanoma
21016	ZNF862	7	149559427	bladder
21017	ZNF862	7	149559463	bladder
21018	ACTR3C	7	149981909	melanoma
21019	ACTR3C	7	149981909	melanoma
21020	ZBED6CL	7	150027989	melanoma
21021	ZBED6CL	7	150028128	melanoma
21022	LRR61	7	150034546	Astr
21023	LRR61	7	150034546	GCIMP_high
21024	LRR61	7	150034546	IDHmut
21025	LRR61	7	150034546	IDHmut_noncodel
21026	LRR61	7	150034546	LGG GBM
21027	LRR61	7	150034546	Proneural
21028	LRR61	7	150034555	melanoma
21029	REPIN1	7	150066940	lung
21030	REPIN1	7	150066940	lung
21031	REPIN1	7	150069850	IDHwt
21032	REPIN1	7	150069850	IDHwt
21033	REPIN1	7	150069850	LGG GBM
21034	REPIN1	7	150069850	LGG GBM
21035	REPIN1	7	150069850	Mesenchymal_like
21036	REPIN1	7	150069850	Mesenchymal_like
21037	REPIN1	7	150069850	Oligo
21038	REPIN1	7	150069850	Oligo
21039	ZNF775	7	150094756	melanoma
21040	ZNF775	7	150094756	melanoma
21041	GIMAP8	7	150174233	lung
21042	GIMAP8	7	150174233	lung
21043	GIMAP8	7	150174233	lung
21044	GIMAP8	7	150174233	lung
21045	GIMAP8	7	150174417	lung
21046	GIMAP8	7	150174830	melanoma
21047	GIMAP4	7	150269309	melanoma
21048	GIMAP4	7	150269789	Classic
21049	GIMAP4	7	150269789	Classic_like
21050	GIMAP4	7	150269789	IDHwt
21051	GIMAP4	7	150269789	LGG GBM
21052	GIMAP4	7	150269789	Oligo
21053	GIMAP6	7	150325190	melanoma

21054	GIMAP6	7	150325190	melanoma
21055	GIMAP6	7	150325501	melanoma
21056	GIMAP2	7	150389519	melanoma
21057	GIMAP2	7	150389519	melanoma
21058	GIMAP2	7	150389888	melanoma
21059	AP1;GIMAP1-GIM	7	150417466	melanoma
21060	GIMAP1	7	150417851	lung
21061	AP1-GIMAP5;GIM	7	150439877	melanoma
21062	AP1-GIMAP5;GIM	7	150440111	Gbm
21063	AP1-GIMAP5;GIM	7	150440111	IDHwt
21064	AP1-GIMAP5;GIM	7	150440111	IDHwt_priGBM
21065	AP1-GIMAP5;GIM	7	150440111	LGG GBM
21066	AP1-GIMAP5;GIM	7	150440111	LGm6_GBM
21067	AOC1	7	150553856	Astr
21068	AOC1	7	150553856	GCIMP_high
21069	AOC1	7	150553856	IDHmut
21070	AOC1	7	150553856	IDHmut_noncodel
21071	AOC1	7	150553856	LGG GBM
21072	AOC1	7	150553856	Neural
21073	AOC1	7	150554406	melanoma
21074	AOC1	7	150554495	melanoma
21075	AOC1	7	150556036	melanoma
21076	AOC1	7	150556036	melanoma
21077	AOC1	7	150558187	Classic_like
21078	AOC1	7	150558187	Gbm
21079	AOC1	7	150558187	IDHwt
21080	AOC1	7	150558187	IDHwt_priGBM
21081	AOC1	7	150558187	LGG GBM
21082	AOC1	7	150558187	Mesenchymal
21083	KCNH2	7	150649545	Classic
21084	KCNH2	7	150649545	Classic_like
21085	KCNH2	7	150649545	Gbm
21086	KCNH2	7	150649545	IDHwt
21087	KCNH2	7	150649545	IDHwt_priGBM
21088	KCNH2	7	150649545	LGG GBM
21089	NOS3	7	150696367	melanoma
21090	NOS3	7	150699319	melanoma
21091	NOS3	7	150699319	melanoma
21092	NOS3	7	150699319	melanoma
21093	NOS3	7	150706330	melanoma
21094	ABCB8	7	150737710	Classic_like
21095	ABCB8	7	150737710	Gbm
21096	ABCB8	7	150737710	IDHwt
21097	ABCB8	7	150737710	IDHwt_priGBM
21098	ABCB8	7	150737710	LGG GBM
21099	ABCB8	7	150737710	Mesenchymal
21100	SLC4A2	7	150761628	melanoma
21101	SLC4A2	7	150767126	IDHwt_priGBM2
21102	SLC4A2	7	150772777	melanoma
21103	SLC4A2	7	150772777	melanoma
21104	FASTK	7	150775729	GCIMP_low
21105	FASTK	7	150775729	IDHmut
21106	FASTK	7	150775729	IDHmut_noncodel
21107	FASTK	7	150775729	LGG GBM
21108	FASTK	7	150775729	OligoAstr
21109	FASTK	7	150775729	Proneural
21110	AGAP3	7	150815699	melanoma
21111	AGAP3	7	150815699	melanoma

21112	AGAP3	7	150815700	melanoma
21113	AGAP3	7	150815700	melanoma
21114	AGAP3	7	150815700	melanoma
21115	AGAP3	7	150835398	melanoma
21116	AGAP3	7	150839583	melanoma
21117	AGAP3	7	150840451	Classic
21118	AGAP3	7	150840451	Classic_like
21119	AGAP3	7	150840451	IDHwt
21120	AGAP3	7	150840451	LGG GBM
21121	AGAP3	7	150840451	Oligo
21122	GBX1	7	150845995	melanoma
21123	ABCF2	7	150911178	lung
21124	CHPF2	7	150932146	Classic
21125	CHPF2	7	150932146	IDHwt
21126	CHPF2	7	150932146	LGG GBM
21127	CHPF2	7	150932146	Mesenchymal_like
21128	CHPF2	7	150933647	lung
21129	RHEB	7	151164264	bladder
21130	GALNTL5	7	151711757	Codel
21131	GALNTL5	7	151711757	IDHmut
21132	GALNTL5	7	151711757	IDHmut_codel
21133	GALNTL5	7	151711757	LGG GBM
21134	GALNTL5	7	151711757	Oligo
21135	GALNTL5	7	151711757	Proneural
21136	GALNT11	7	151791340	melanoma
21137	GALNT11	7	151791340	melanoma
21138	GALNT11	7	151805288	melanoma
21139	KMT2C	7	151836277	melanoma
21140	KMT2C	7	151848004	Codel
21141	KMT2C	7	151848004	IDHmut
21142	KMT2C	7	151848004	IDHmut_codel
21143	KMT2C	7	151848004	LGG GBM
21144	KMT2C	7	151848004	Oligo
21145	KMT2C	7	151848004	Proneural
21146	KMT2C	7	151873695	melanoma
21147	KMT2C	7	151873695	melanoma
21148	KMT2C	7	151935874	melanoma
21149	KMT2C	7	151945435	melanoma
21150	KMT2C	7	151945439	melanoma
21151	KMT2C	7	151962204	melanoma
21152	KMT2C	7	151962204	melanoma
21153	KMT2C	7	151970832	melanoma
21154	KMT2C	7	151970883	melanoma
21155	KMT2C	7	152055729	bladder
21156	XRCC2	7	152345781	IDHwt
21157	XRCC2	7	152345781	LGG GBM
21158	XRCC2	7	152345781	Mesenchymal_like
21159	XRCC2	7	152345781	Neural
21160	DPP6	7	154002608	melanoma
21161	DPP6	7	154593075	melanoma
21162	PAXIP1	7	154748952	lung
21163	PAXIP1	7	154754151	bladder
21164	HTR5A	7	154862641	melanoma
21165	HTR5A	7	154863096	Gbm
21166	HTR5A	7	154863096	IDHwt
21167	HTR5A	7	154863096	IDHwt_priGBM
21168	HTR5A	7	154863096	LGG GBM
21169	HTR5A	7	154863096	Mesenchymal

21170	HTR5A	7	154863096	Mesenchymal_like
21171	HTR5A	7	154863096	Classic
21172	HTR5A	7	154863096	IDHwt
21173	HTR5A	7	154863096	LGG GBM
21174	HTR5A	7	154863096	Mesenchymal_like
21175	HTR5A	7	154863096	OligoAstr
21176	HTR5A	7	154863337	melanoma
21177	INSIG1	7	155093986	melanoma
21178	INSIG1	7	155093986	melanoma
21179	INSIG1	7	155093986	melanoma
21180	INSIG1	7	155094478	melanoma
21181	EN2	7	155255137	bladder
21182	SHH	7	155599004	GCIMP_high
21183	SHH	7	155599004	GCIMP_high
21184	SHH	7	155599004	IDHmut
21185	SHH	7	155599004	IDHmut
21186	SHH	7	155599004	IDHmut_noncodel
21187	SHH	7	155599004	IDHmut_noncodel
21188	SHH	7	155599004	LGG GBM
21189	SHH	7	155599004	LGG GBM
21190	SHH	7	155599004	OligoAstr
21191	SHH	7	155599004	OligoAstr
21192	SHH	7	155599004	Proneural
21193	SHH	7	155599004	Proneural
21194	LMBR1	7	156518202	Classic_like
21195	LMBR1	7	156518202	Gbm
21196	LMBR1	7	156518202	IDHwt
21197	LMBR1	7	156518202	IDHwt_priGBM
21198	LMBR1	7	156518202	LGG GBM
21199	LMBR1	7	156589175	melanoma
21200	LMBR1	7	156589175	melanoma
21201	NOM1	7	156742958	Astr
21202	NOM1	7	156742958	GCIMP_high
21203	NOM1	7	156742958	IDHmut
21204	NOM1	7	156742958	IDHmut_noncodel
21205	NOM1	7	156742958	LGG GBM
21206	NOM1	7	156746913	melanoma
21207	UBE3C	7	156971452	melanoma
21208	UBE3C	7	157041143	Gbm
21209	UBE3C	7	157041143	IDHwt
21210	UBE3C	7	157041143	IDHwt_priGBM
21211	UBE3C	7	157041143	LGG GBM
21212	UBE3C	7	157041143	Mesenchymal
21213	UBE3C	7	157041143	Mesenchymal_like
21214	UBE3C	7	157041231	melanoma
21215	PTPRN2	7	157361639	melanoma
21216	PTPRN2	7	157475460	Classic_like
21217	PTPRN2	7	157475460	Gbm
21218	PTPRN2	7	157475460	IDHwt
21219	PTPRN2	7	157475460	IDHwt_priGBM
21220	PTPRN2	7	157475460	LGG GBM
21221	PTPRN2	7	157874061	melanoma
21222	PTPRN2	7	157926408	melanoma
21223	PTPRN2	7	157959763	melanoma
21224	PTPRN2	7	157959763	melanoma
21225	PTPRN2	7	157959763	melanoma
21226	PTPRN2	7	157959763	melanoma
21227	PTPRN2	7	157959917	lung

21228	NCAPG2	7	158447341	Gbm
21229	NCAPG2	7	158447341	Gbm
21230	NCAPG2	7	158447341	Gbm
21231	NCAPG2	7	158447341	Gbm
21232	NCAPG2	7	158447341	IDHwt
21233	NCAPG2	7	158447341	IDHwt
21234	NCAPG2	7	158447341	IDHwt
21235	NCAPG2	7	158447341	IDHwt
21236	NCAPG2	7	158447341	IDHwt_priGBM
21237	NCAPG2	7	158447341	IDHwt_priGBM
21238	NCAPG2	7	158447341	IDHwt_priGBM
21239	NCAPG2	7	158447341	IDHwt_priGBM
21240	NCAPG2	7	158447341	LGG GBM
21241	NCAPG2	7	158447341	LGG GBM
21242	NCAPG2	7	158447341	LGG GBM
21243	NCAPG2	7	158447341	LGG GBM
21244	NCAPG2	7	158447341	Mesenchymal_like
21245	NCAPG2	7	158447341	Mesenchymal_like
21246	NCAPG2	7	158447341	Mesenchymal_like
21247	NCAPG2	7	158447341	Mesenchymal_like
21248	NCAPG2	7	158464228	melanoma
21249	WDR60	7	158704264	melanoma
21250	WDR60	7	158715083	bladder
21251	VIPR2	7	158896515	melanoma
21252	VIPR2	7	158902553	melanoma
21253	VIPR2	7	158902583	Classic
21254	VIPR2	7	158902583	Classic_like
21255	VIPR2	7	158902583	Gbm
21256	VIPR2	7	158902583	IDHwt
21257	VIPR2	7	158902583	IDHwt_priGBM
21258	VIPR2	7	158902583	LGG GBM
21259	ZNF596	8	192974	melanoma
21260	FBXO25	8	413094	melanoma
21261	FBXO25	8	413094	melanoma
21262	DLGAP2	8	1497184	melanoma
21263	DLGAP2	8	1497185	melanoma
21264	DLGAP2	8	1616567	melanoma
21265	CLN8	8	1719747	melanoma
21266	ARHGEF10	8	1857519	melanoma
21267	MYOM2	8	2037915	melanoma
21268	MYOM2	8	2037924	lung
21269	MYOM2	8	2037969	melanoma
21270	MYOM2	8	2037969	melanoma
21271	MYOM2	8	2054182	melanoma
21272	MYOM2	8	2054355	melanoma
21273	MYOM2	8	2091327	melanoma
21274	MYOM2	8	2092624	lung
21275	MYOM2	8	2092880	Gbm
21276	MYOM2	8	2092880	IDHwt
21277	MYOM2	8	2092880	IDHwt_priGBM
21278	MYOM2	8	2092880	LGG GBM
21279	MYOM2	8	2092880	Mesenchymal
21280	CSMD1	8	2800048	melanoma
21281	CSMD1	8	2807790	lung
21282	CSMD1	8	2820780	melanoma
21283	CSMD1	8	2820864	melanoma
21284	CSMD1	8	2832077	melanoma
21285	CSMD1	8	2836158	melanoma

21286	CSMD1	8	2944738	melanoma
21287	CSMD1	8	2949181	melanoma
21288	CSMD1	8	3019701	melanoma
21289	CSMD1	8	3059206	melanoma
21290	CSMD1	8	3076812	melanoma
21291	CSMD1	8	3076869	melanoma
21292	CSMD1	8	3081273	melanoma
21293	CSMD1	8	3087576	melanoma
21294	CSMD1	8	3165295	melanoma
21295	CSMD1	8	3165926	lung
21296	CSMD1	8	3224583	melanoma
21297	CSMD1	8	3224583	melanoma
21298	CSMD1	8	3224583	melanoma
21299	CSMD1	8	3224642	lung
21300	CSMD1	8	3226836	melanoma
21301	CSMD1	8	3265685	melanoma
21302	CSMD1	8	3265691	melanoma
21303	CSMD1	8	3611461	lung
21304	CSMD1	8	3889438	melanoma
21305	CSMD1	8	3889456	melanoma
21306	CSMD1	8	4494915	bladder
21307	CSMD1	8	4495021	melanoma
21308	MCPH1	8	6302241	melanoma
21309	MCPH1	8	6302241	melanoma
21310	MCPH1	8	6357433	melanoma
21311	ANGPT2	8	6372275	melanoma
21312	SPAG11B	8	7320339	melanoma
21313	DEFB4A	8	7752284	melanoma
21314	DEFB4A	8	7752284	melanoma
21315	PRAG1	8	8176296	melanoma
21316	MFHAS1	8	8749536	lung
21317	ERI1	8	8869213	lung
21318	TNKS	8	9413589	bladder
21319	TNKS	8	9413975	melanoma
21320	TNKS	8	9567662	melanoma
21321	MSRA	8	10102710	melanoma
21322	MSRA	8	10102710	melanoma
21323	MSRA	8	10177404	Astr
21324	MSRA	8	10177404	GCIMP_high
21325	MSRA	8	10177404	IDHmut
21326	MSRA	8	10177404	IDHmut_noncodel
21327	MSRA	8	10177404	LGG GBM
21328	MSRA	8	10177404	Proneural
21329	RP1L1	8	10468369	melanoma
21330	RP1L1	8	10468369	melanoma
21331	RP1L1	8	10469212	melanoma
21332	RP1L1	8	10470461	melanoma
21333	RP1L1	8	10470559	hnsc
21334	RP1L1	8	10470626	melanoma
21335	C8orf74	8	10555310	lung
21336	SOX7	8	10583372	melanoma
21337	PINX1	8	10622978	melanoma
21338	PINX1	8	10622978	melanoma
21339	XKR6	8	10755605	melanoma
21340	XKR6	8	10755605	melanoma
21341	XKR6	8	11058403	melanoma
21342	SLC35G5	8	11189261	melanoma
21343	SLC35G5	8	11189270	melanoma

21344	SLC35G5	8	11189270	melanoma
21345	SLC35G5	8	11189480	Codel
21346	SLC35G5	8	11189480	IDHmut
21347	SLC35G5	8	11189480	IDHmut_codel
21348	SLC35G5	8	11189480	LGG GBM
21349	SLC35G5	8	11189480	Neural
21350	SLC35G5	8	11189480	Oligo
21351	BLK	8	11400849	Gbm
21352	BLK	8	11400849	Gbm
21353	BLK	8	11400849	IDHwt
21354	BLK	8	11400849	IDHwt
21355	BLK	8	11400849	IDHwt_priGBM
21356	BLK	8	11400849	IDHwt_priGBM
21357	BLK	8	11400849	LGG GBM
21358	BLK	8	11400849	LGG GBM
21359	BLK	8	11400849	Mesenchymal_like
21360	BLK	8	11400849	Mesenchymal_like
21361	BLK	8	11412261	melanoma
21362	BLK	8	11414277	melanoma
21363	BLK	8	11414277	melanoma
21364	BLK	8	11418859	IDHwt
21365	BLK	8	11418859	LGG GBM
21366	BLK	8	11418859	Oligo
21367	BLK	8	11418859	PA_like
21368	BLK	8	11418859	Proneural
21369	BLK	8	11420566	melanoma
21370	BLK	8	11420566	melanoma
21371	FDFT1	8	11689072	melanoma
21372	CTSB	8	11710953	melanoma
21373	USP17L2	8	11994886	lung
21374	USP17L2	8	11995430	bladder
21375	USP17L2	8	11995870	lung
21376	USP17L2	8	11995998	lung
21377	USP17L2	8	11995999	melanoma
21378	KIAA1456	8	12879416	lung
21379	KIAA1456	8	12879416	lung
21380	DLC1	8	12957745	melanoma
21381	DLC1	8	12957837	Astr
21382	DLC1	8	12957837	IDHwt
21383	DLC1	8	12957837	LGG GBM
21384	DLC1	8	12957837	Mesenchymal_like
21385	TUSC3	8	15519674	Gbm
21386	TUSC3	8	15519674	GCIMP_low
21387	TUSC3	8	15519674	IDHmut
21388	TUSC3	8	15519674	IDHmut_noncodel
21389	TUSC3	8	15519674	LGG GBM
21390	TUSC3	8	15519674	Proneural
21391	TUSC3	8	15531274	Gbm
21392	TUSC3	8	15531274	IDHwt
21393	TUSC3	8	15531274	IDHwt_priGBM
21394	TUSC3	8	15531274	LGG GBM
21395	TUSC3	8	15531274	Mesenchymal_like
21396	TUSC3	8	15601082	melanoma
21397	MSR1	8	15967656	melanoma
21398	MSR1	8	16026074	melanoma
21399	MSR1	8	16026074	melanoma
21400	MSR1	8	16026323	melanoma
21401	FGF20	8	16850660	melanoma

21402	MICU3	8	16956025	melanoma
21403	MICU3	8	16974092	melanoma
21404	ZDHHC2	8	17063181	melanoma
21405	ZDHHC2	8	17063238	melanoma
21406	VPS37A	8	17137759	melanoma
21407	MTMR7	8	17159755	melanoma
21408	MTMR7	8	17159755	melanoma
21409	MTMR7	8	17159755	melanoma
21410	MTMR7	8	17230647	melanoma
21411	SLC7A2	8	17401165	melanoma
21412	SLC7A2	8	17406267	lung
21413	MTUS1	8	17541980	melanoma
21414	MTUS1	8	17579271	melanoma
21415	MTUS1	8	17612742	melanoma
21416	MTUS1	8	17613127	melanoma
21417	PCM1	8	17872255	lung
21418	ASAH1	8	17916969	Gbm
21419	ASAH1	8	17916969	IDHwt
21420	ASAH1	8	17916969	IDHwt_priGBM
21421	ASAH1	8	17916969	LGG GBM
21422	ASAH1	8	17916969	LGm6_GBM
21423	ASAH1	8	17916969	Mesenchymal
21424	ASAH1	8	17917194	melanoma
21425	ASAH1	8	17919837	melanoma
21426	ASAH1	8	17919837	melanoma
21427	ASAH1	8	17919846	melanoma
21428	NAT1	8	18080026	melanoma
21429	NAT2	8	18257611	Classic
21430	NAT2	8	18257611	IDHwt
21431	NAT2	8	18257611	LGG GBM
21432	NAT2	8	18257611	Mesenchymal_like
21433	NAT2	8	18257611	OligoAstr
21434	NAT2	8	18257674	Astr
21435	NAT2	8	18257674	GCIMP_high
21436	NAT2	8	18257674	IDHmut
21437	NAT2	8	18257674	IDHmut_noncodel
21438	NAT2	8	18257674	LGG GBM
21439	NAT2	8	18257674	Neural
21440	PSD3	8	18656855	melanoma
21441	PSD3	8	18729889	melanoma
21442	INTS10	8	19677962	Classic_like
21443	INTS10	8	19677962	Classic_like
21444	INTS10	8	19677962	IDHwt
21445	INTS10	8	19677962	IDHwt
21446	INTS10	8	19677962	LGG GBM
21447	INTS10	8	19677962	LGG GBM
21448	INTS10	8	19681483	melanoma
21449	INTS10	8	19688050	melanoma
21450	INTS10	8	19700373	melanoma
21451	INTS10	8	19700373	melanoma
21452	LPL	8	19809401	melanoma
21453	SLC18A1	8	20005173	melanoma
21454	SLC18A1	8	20028976	melanoma
21455	SLC18A1	8	20038418	GCIMP_high
21456	SLC18A1	8	20038418	IDHmut
21457	SLC18A1	8	20038418	IDHmut_noncodel
21458	SLC18A1	8	20038418	LGG GBM
21459	SLC18A1	8	20038418	Neural

21460	SLC18A1	8	20038418	Oligo
21461	LZTS1	8	20110777	melanoma
21462	DOK2	8	21768354	melanoma
21463	XPO7	8	21843192	melanoma
21464	XPO7	8	21849421	melanoma
21465	XPO7	8	21856607	melanoma
21466	NPM2	8	21882787	bladder
21467	NPM2	8	21883278	melanoma
21468	DMTN	8	21926949	Astr
21469	DMTN	8	21926949	IDHwt
21470	DMTN	8	21926949	LGG GBM
21471	DMTN	8	21926949	Neural
21472	DMTN	8	21926949	PA_like
21473	FAM160B2	8	21956122	bladder
21474	HR	8	21984724	melanoma
21475	REEP4	8	21997688	melanoma
21476	LGI3	8	22006142	melanoma
21477	BMP1	8	22035410	melanoma
21478	PHYHIP	8	22079191	Classic_like
21479	PHYHIP	8	22079191	Gbm
21480	PHYHIP	8	22079191	IDHwt
21481	PHYHIP	8	22079191	IDHwt_priGBM
21482	PHYHIP	8	22079191	LGG GBM
21483	PHYHIP	8	22079191	Mesenchymal
21484	POLR3D	8	22106049	melanoma
21485	POLR3D	8	22106049	melanoma
21486	POLR3D	8	22107994	melanoma
21487	PIWIL2	8	22173813	GCIMP_high
21488	PIWIL2	8	22173813	IDHmut
21489	PIWIL2	8	22173813	IDHmut_noncodel
21490	PIWIL2	8	22173813	LGG GBM
21491	PIWIL2	8	22173813	OligoAstr
21492	PIWIL2	8	22173813	Proneural
21493	PIWIL2	8	22211878	melanoma
21494	PPP3CC	8	22370876	bladder
21495	PPP3CC	8	22380020	melanoma
21496	PPP3CC	8	22398208	melanoma
21497	SORBS3	8	22423986	melanoma
21498	SORBS3	8	22423986	melanoma
21499	SORBS3	8	22432186	melanoma
21500	C8orf58	8	22459516	melanoma
21501	PEBP4	8	22675158	melanoma
21502	TNFRSF10B	8	22885871	melanoma
21503	TNFRSF10C	8	22960664	Astr
21504	TNFRSF10C	8	22960664	GCIMP_high
21505	TNFRSF10C	8	22960664	IDHmut
21506	TNFRSF10C	8	22960664	IDHmut_noncodel
21507	TNFRSF10C	8	22960664	LGG GBM
21508	TNFRSF10A	8	23058262	melanoma
21509	CHMP7	8	23114012	melanoma
21510	NKX3-1	8	23539038	GCIMP_high
21511	NKX3-1	8	23539038	IDHmut
21512	NKX3-1	8	23539038	IDHmut_noncodel
21513	NKX3-1	8	23539038	LGG GBM
21514	NKX3-1	8	23539038	Oligo
21515	NKX3-1	8	23539038	Proneural
21516	NKX3-1	8	23539044	melanoma
21517	NKX3-1	8	23539044	melanoma

21518	ADAM28	8	24167449	melanoma
21519	ADAM28	8	24167449	melanoma
21520	ADAM28	8	24167450	melanoma
21521	ADAM28	8	24181468	melanoma
21522	ADAM28	8	24188687	melanoma
21523	ADAM28	8	24188687	melanoma
21524	ADAM28	8	24188721	melanoma
21525	ADAM28	8	24193170	melanoma
21526	ADAM28	8	24207406	melanoma
21527	ADAMDEC1	8	24249835	melanoma
21528	ADAM7	8	24304756	Astr
21529	ADAM7	8	24304756	Classic_like
21530	ADAM7	8	24304756	IDHwt
21531	ADAM7	8	24304756	LGG GBM
21532	ADAM7	8	24324436	melanoma
21533	ADAM7	8	24333986	melanoma
21534	ADAM7	8	24339764	melanoma
21535	ADAM7	8	24346696	melanoma
21536	ADAM7	8	24346749	Classic
21537	ADAM7	8	24346749	IDHwt
21538	ADAM7	8	24346749	LGG GBM
21539	ADAM7	8	24346749	Mesenchymal_like
21540	ADAM7	8	24346749	Oligo
21541	ADAM7	8	24348355	melanoma
21542	ADAM7	8	24348378	melanoma
21543	ADAM7	8	24357763	melanoma
21544	ADAM7	8	24357763	melanoma
21545	NEFM	8	24773184	melanoma
21546	NEFM	8	24775141	GCIMP_high
21547	NEFM	8	24775141	IDHmut
21548	NEFM	8	24775141	IDHmut_noncodel
21549	NEFM	8	24775141	LGG GBM
21550	DOCK5	8	25154057	Astr
21551	DOCK5	8	25154057	GCIMP_low
21552	DOCK5	8	25154057	IDHmut
21553	DOCK5	8	25154057	IDHmut_noncodel
21554	DOCK5	8	25154057	LGG GBM
21555	DOCK5	8	25190203	Gbm
21556	DOCK5	8	25190203	Gbm
21557	DOCK5	8	25190203	IDHwt
21558	DOCK5	8	25190203	IDHwt
21559	DOCK5	8	25190203	IDHwt_priGBM
21560	DOCK5	8	25190203	IDHwt_priGBM
21561	DOCK5	8	25190203	LGG GBM
21562	DOCK5	8	25190203	LGG GBM
21563	DOCK5	8	25190203	Mesenchymal
21564	DOCK5	8	25190203	Mesenchymal
21565	DOCK5	8	25190203	Mesenchymal_like
21566	DOCK5	8	25190203	Mesenchymal_like
21567	DOCK5	8	25224435	melanoma
21568	DOCK5	8	25232090	Astr
21569	DOCK5	8	25232090	GCIMP_high
21570	DOCK5	8	25232090	IDHmut
21571	DOCK5	8	25232090	IDHmut_noncodel
21572	DOCK5	8	25232090	LGG GBM
21573	DOCK5	8	25232090	Proneural
21574	KCTD9	8	25296825	melanoma
21575	CDCA2	8	25341581	Classic

21576	CDCA2	8	25341581	Classic
21577	CDCA2	8	25341581	Classic_like
21578	CDCA2	8	25341581	Classic_like
21579	CDCA2	8	25341581	Gbm
21580	CDCA2	8	25341581	Gbm
21581	CDCA2	8	25341581	IDHwt
21582	CDCA2	8	25341581	IDHwt
21583	CDCA2	8	25341581	IDHwt_priGBM
21584	CDCA2	8	25341581	IDHwt_priGBM
21585	CDCA2	8	25341581	LGG GBM
21586	CDCA2	8	25341581	LGG GBM
21587	EBF2	8	25708206	melanoma
21588	EBF2	8	25708206	melanoma
21589	EBF2	8	25708206	melanoma
21590	EBF2	8	25708220	melanoma
21591	EBF2	8	25708220	melanoma
21592	EBF2	8	25715879	melanoma
21593	EBF2	8	25715990	Gbm
21594	EBF2	8	25715990	Gbm
21595	EBF2	8	25715990	IDHwt
21596	EBF2	8	25715990	IDHwt
21597	EBF2	8	25715990	IDHwt_priGBM
21598	EBF2	8	25715990	IDHwt_priGBM
21599	EBF2	8	25715990	LGG GBM
21600	EBF2	8	25715990	LGG GBM
21601	EBF2	8	25715990	Mesenchymal
21602	EBF2	8	25715990	Mesenchymal
21603	EBF2	8	25715990	Mesenchymal_like
21604	EBF2	8	25715990	Mesenchymal_like
21605	EBF2	8	25718669	melanoma
21606	EBF2	8	25747343	melanoma
21607	EBF2	8	25890659	melanoma
21608	EBF2	8	25902360	melanoma
21609	STMN4	8	27098659	melanoma
21610	STMN4	8	27098659	melanoma
21611	TRIM35	8	27145164	bladder
21612	TRIM35	8	27145164	bladder
21613	TRIM35	8	27151616	melanoma
21614	TRIM35	8	27151779	melanoma
21615	PTK2B	8	27297937	melanoma
21616	EPHX2	8	27361262	melanoma
21617	EPHX2	8	27401706	Codel
21618	EPHX2	8	27401706	IDHmut
21619	EPHX2	8	27401706	IDHmut_codel
21620	EPHX2	8	27401706	LGG GBM
21621	EPHX2	8	27401706	Oligo
21622	EPHX2	8	27401706	Proneural
21623	SCARA3	8	27516211	melanoma
21624	SCARA3	8	27516394	melanoma
21625	SCARA3	8	27516909	melanoma
21626	SCARA3	8	27516909	melanoma
21627	SCARA3	8	27516927	melanoma
21628	SCARA5	8	27779295	melanoma
21629	NUGGC	8	27887871	melanoma
21630	ZNF395	8	28210763	melanoma
21631	ZNF395	8	28210763	melanoma
21632	ZNF395	8	28210797	bladder
21633	ZNF395	8	28210806	melanoma

21634	EXTL3	8	28574159	melanoma
21635	EXTL3	8	28574211	melanoma
21636	EXTL3	8	28574211	melanoma
21637	EXTL3	8	28574211	melanoma
21638	EXTL3	8	28574211	melanoma
21639	EXTL3	8	28574211	melanoma
21640	EXTL3	8	28574907	melanoma
21641	EXTL3	8	28575164	melanoma
21642	INTS9	8	28638372	melanoma
21643	INTS9	8	28654082	lung
21644	INTS9	8	28654082	lung
21645	HMBOX1	8	28827669	melanoma
21646	KIF13B	8	28956685	melanoma
21647	KIF13B	8	29025027	melanoma
21648	KIF13B	8	29025027	melanoma
21649	DUSP4	8	29195901	lung
21650	DUSP4	8	29197688	melanoma
21651	DCTN6	8	30032610	melanoma
21652	RBPMS	8	30361911	melanoma
21653	TEX15	8	30694496	melanoma
21654	TEX15	8	30695500	Gbm
21655	TEX15	8	30695500	Gbm
21656	TEX15	8	30695500	IDHwt
21657	TEX15	8	30695500	IDHwt
21658	TEX15	8	30695500	IDHwt_priGBM
21659	TEX15	8	30695500	IDHwt_priGBM
21660	TEX15	8	30695500	LGG GBM
21661	TEX15	8	30695500	LGG GBM
21662	TEX15	8	30695500	Mesenchymal
21663	TEX15	8	30695500	Mesenchymal
21664	TEX15	8	30695500	Mesenchymal_like
21665	TEX15	8	30695500	Mesenchymal_like
21666	TEX15	8	30701232	lung
21667	TEX15	8	30704711	melanoma
21668	TEX15	8	30704859	melanoma
21669	TEX15	8	30706469	melanoma
21670	WRN	8	30921931	melanoma
21671	WRN	8	30946435	Codel
21672	WRN	8	30946435	IDHmut
21673	WRN	8	30946435	IDHmut_codel
21674	WRN	8	30946435	LGG GBM
21675	WRN	8	30946435	Proneural
21676	WRN	8	30977898	melanoma
21677	WRN	8	30998973	melanoma
21678	NRG1	8	31497925	lung
21679	NRG1	8	32505607	melanoma
21680	NRG1	8	32505607	melanoma
21681	NRG1	8	32611895	melanoma
21682	NRG1	8	32611949	melanoma
21683	NRG1	8	32621337	melanoma
21684	NRG1	8	32621481	lung
21685	NRG1	8	32621723	melanoma
21686	FUT10	8	33246786	melanoma
21687	FUT10	8	33246786	melanoma
21688	FUT10	8	33246786	melanoma
21689	FUT10	8	33246786	melanoma
21690	FUT10	8	33247055	melanoma
21691	UNC5D	8	35453150	melanoma

21692	UNC5D	8	35453173	bladder
21693	UNC5D	8	35563464	melanoma
21694	UNC5D	8	35583859	melanoma
21695	UNC5D	8	35624478	melanoma
21696	UNC5D	8	35624478	melanoma
21697	KCNU1	8	36691124	melanoma
21698	KCNU1	8	36698500	melanoma
21699	KCNU1	8	36766859	Codel
21700	KCNU1	8	36766859	IDHmut
21701	KCNU1	8	36766859	IDHmut_codel
21702	KCNU1	8	36766859	LGG GBM
21703	KCNU1	8	36766859	Oligo
21704	KCNU1	8	36766859	Proneural
21705	KCNU1	8	36766904	melanoma
21706	KCNU1	8	36788590	melanoma
21707	PLPBP	8	37632871	melanoma
21708	PLPBP	8	37632871	melanoma
21709	ADGRA2	8	37689068	melanoma
21710	ADGRA2	8	37693258	Classic
21711	ADGRA2	8	37693258	Classic
21712	ADGRA2	8	37693258	Gbm
21713	ADGRA2	8	37693258	Gbm
21714	ADGRA2	8	37693258	LGG GBM
21715	ADGRA2	8	37693258	LGG GBM
21716	ADGRA2	8	37693258	Mesenchymal_like
21717	ADGRA2	8	37693258	Mesenchymal_like
21718	ADGRA2	8	37697754	melanoma
21719	RAB11FIP1	8	37732225	melanoma
21720	RAB11FIP1	8	37732636	IDHwt_priGBM2
21721	RAB11FIP1	8	37734887	melanoma
21722	GOT1L1	8	37791843	hnscc
21723	STAR	8	38008291	melanoma
21724	BAG4	8	38065246	Codel
21725	BAG4	8	38065246	IDHmut
21726	BAG4	8	38065246	IDHmut_codel
21727	BAG4	8	38065246	LGG GBM
21728	BAG4	8	38065246	Oligo
21729	BAG4	8	38065246	Proneural
21730	DDHD2	8	38091984	lung
21731	DDHD2	8	38110321	lung
21732	NSD3	8	38137103	melanoma
21733	NSD3	8	38175508	melanoma
21734	NSD3	8	38187245	melanoma
21735	NSD3	8	38196056	melanoma
21736	LETM2	8	38257826	melanoma
21737	TACC1	8	38678036	melanoma
21738	HTRA4	8	38839229	Codel
21739	HTRA4	8	38839229	IDHmut
21740	HTRA4	8	38839229	IDHmut_codel
21741	HTRA4	8	38839229	LGG GBM
21742	HTRA4	8	38839229	Neural
21743	HTRA4	8	38839229	Oligo
21744	ADAM32	8	39022331	melanoma
21745	ADAM32	8	39027448	melanoma
21746	ADAM32	8	39027448	melanoma
21747	ADAM32	8	39091431	melanoma
21748	ADAM18	8	39468142	melanoma
21749	ADAM18	8	39494796	melanoma

21750	ADAM18	8	39495179	melanoma
21751	ADAM18	8	39502882	melanoma
21752	ADAM18	8	39502888	melanoma
21753	ADAM18	8	39502888	melanoma
21754	ADAM18	8	39537678	melanoma
21755	ADAM2	8	39634655	melanoma
21756	ADAM2	8	39634655	melanoma
21757	ADAM2	8	39644560	melanoma
21758	ADAM2	8	39645760	melanoma
21759	ADAM2	8	39646191	melanoma
21760	ADAM2	8	39646225	melanoma
21761	ADAM2	8	39678559	melanoma
21762	ADAM2	8	39678559	melanoma
21763	ADAM2	8	39678658	melanoma
21764	ADAM2	8	39679138	melanoma
21765	ADAM2	8	39679138	melanoma
21766	ADAM2	8	39679138	melanoma
21767	ADAM2	8	39691493	melanoma
21768	IDO1	8	39785382	melanoma
21769	IDO1	8	39785383	melanoma
21770	IDO1	8	39785510	Gbm
21771	IDO1	8	39785510	IDHwt
21772	IDO1	8	39785510	IDHwt_priGBM
21773	IDO1	8	39785510	LGG GBM
21774	IDO1	8	39785510	LGM6_GBM
21775	IDO1	8	39785510	Proneural
21776	IDO2	8	39845416	melanoma
21777	SFRP1	8	41166521	melanoma
21778	GINS4	8	41394729	bladder
21779	GINS4	8	41394729	bladder
21780	GINS4	8	41399554	melanoma
21781	GPAT4	8	41470382	melanoma
21782	NKX6-3	8	41504032	bladder
21783	ANK1	8	41543721	Gbm
21784	ANK1	8	41543721	IDHwt
21785	ANK1	8	41543721	IDHwt_priGBM
21786	ANK1	8	41543721	LGG GBM
21787	ANK1	8	41543721	Mesenchymal
21788	ANK1	8	41543721	Mesenchymal_like
21789	ANK1	8	41552258	GCIMP_high
21790	ANK1	8	41552258	IDHmut
21791	ANK1	8	41552258	IDHmut_noncodel
21792	ANK1	8	41552258	LGG GBM
21793	ANK1	8	41552258	Oligo
21794	ANK1	8	41552258	Proneural
21795	ANK1	8	41552277	melanoma
21796	ANK1	8	41561626	lung
21797	KAT6A	8	41798488	melanoma
21798	KAT6A	8	41834727	melanoma
21799	KAT6A	8	41839382	hnsc
21800	KAT6A	8	41839382	hnsc
21801	KAT6A	8	41906158	melanoma
21802	PLAT	8	42037888	melanoma
21803	PLAT	8	42038131	melanoma
21804	PLAT	8	42038131	melanoma
21805	PLAT	8	42044968	Astr
21806	PLAT	8	42044968	GCIMP_high
21807	PLAT	8	42044968	IDHmut

21808	PLAT	8	42044968	IDHmut_noncodel
21809	PLAT	8	42044968	LGG GBM
21810	PLAT	8	42044968	Proneural
21811	PLAT	8	42048926	melanoma
21812	IKBKB	8	42179430	melanoma
21813	DKK4	8	42232411	melanoma
21814	DKK4	8	42232411	melanoma
21815	VDAC3	8	42257212	GCIMP_high
21816	VDAC3	8	42257212	IDHmut
21817	VDAC3	8	42257212	IDHmut_noncodel
21818	VDAC3	8	42257212	LGG GBM
21819	VDAC3	8	42257212	Oligo
21820	VDAC3	8	42257212	Proneural
21821	SLC20A2	8	42302187	melanoma
21822	SMIM19	8	42401677	melanoma
21823	SMIM19	8	42401730	melanoma
21824	SMIM19	8	42401730	melanoma
21825	CHRN3	8	42563908	lung
21826	CHRN3	8	42563908	lung
21827	CHRNA6	8	42611392	melanoma
21828	CHRNA6	8	42620257	melanoma
21829	THAP1	8	42694457	melanoma
21830	RNF170	8	42711309	melanoma
21831	POMK	8	42977421	melanoma
21832	POMK	8	42977421	melanoma
21833	HGSNAT	8	43025795	melanoma
21834	HGSNAT	8	43025795	melanoma
21835	HGSNAT	8	43052846	melanoma
21836	POTEA	8	43197448	IDHwt_priGBM2
21837	SPIDR	8	48625390	melanoma
21838	SPIDR	8	48648045	lung
21839	MCM4	8	48885433	melanoma
21840	SNAI2	8	49831516	Classic_like
21841	SNAI2	8	49831516	Classic_like
21842	SNAI2	8	49831516	Gbm
21843	SNAI2	8	49831516	Gbm
21844	SNAI2	8	49831516	IDHwt
21845	SNAI2	8	49831516	IDHwt
21846	SNAI2	8	49831516	IDHwt_priGBM
21847	SNAI2	8	49831516	IDHwt_priGBM
21848	SNAI2	8	49831516	LGG GBM
21849	SNAI2	8	49831516	LGG GBM
21850	SNAI2	8	49831516	Mesenchymal
21851	SNAI2	8	49831516	Mesenchymal
21852	SNAI2	8	49833784	melanoma
21853	SNAI2	8	49833784	melanoma
21854	SNAI2	8	49833784	melanoma
21855	SNTG1	8	51449266	melanoma
21856	SNTG1	8	51449266	melanoma
21857	SNTG1	8	51503463	melanoma
21858	SNTG1	8	51571192	hnsc
21859	SNTG1	8	51571192	hnsc
21860	SNTG1	8	51705353	lung
21861	PXDNL	8	52232512	melanoma
21862	PXDNL	8	52252224	melanoma
21863	PXDNL	8	52320883	hnsc
21864	PXDNL	8	52321186	melanoma
21865	PXDNL	8	52323885	melanoma

21866	PXDNL	8	52336258	melanoma
21867	PXDNL	8	52336271	lung
21868	PXDNL	8	52339264	Gbm
21869	PXDNL	8	52339264	IDHwt
21870	PXDNL	8	52339264	IDHwt_priGBM
21871	PXDNL	8	52339264	LGG GBM
21872	PXDNL	8	52339264	Mesenchymal_like
21873	PXDNL	8	52339264	Proneural
21874	PXDNL	8	52359711	melanoma
21875	PXDNL	8	52366207	melanoma
21876	PXDNL	8	52469422	melanoma
21877	PCMTD1	8	52733186	lung
21878	ST18	8	53025819	melanoma
21879	ST18	8	53055521	melanoma
21880	ST18	8	53055521	melanoma
21881	ST18	8	53071639	melanoma
21882	ST18	8	53079415	melanoma
21883	ST18	8	53079415	melanoma
21884	ST18	8	53079421	melanoma
21885	RB1CC1	8	53568713	melanoma
21886	RB1CC1	8	53569559	Codel
21887	RB1CC1	8	53569559	IDHmut
21888	RB1CC1	8	53569559	IDHmut_codel
21889	RB1CC1	8	53569559	LGG GBM
21890	RB1CC1	8	53569559	Mesenchymal
21891	RB1CC1	8	53569559	Oligo
21892	RB1CC1	8	53573166	melanoma
21893	NPBWR1	8	53853296	Gbm
21894	NPBWR1	8	53853296	IDHwt
21895	NPBWR1	8	53853296	IDHwt_priGBM
21896	NPBWR1	8	53853296	LGG GBM
21897	NPBWR1	8	53853296	Mesenchymal
21898	NPBWR1	8	53853296	Mesenchymal_like
21899	OPRK1	8	54147591	melanoma
21900	TCEA1	8	54896964	lung
21901	RP1	8	55533815	melanoma
21902	RP1	8	55533902	melanoma
21903	RP1	8	55534103	bladder
21904	RP1	8	55537260	melanoma
21905	RP1	8	55538048	melanoma
21906	RP1	8	55538736	melanoma
21907	RP1	8	55539813	melanoma
21908	RP1	8	55540445	melanoma
21909	RP1	8	55540643	melanoma
21910	RP1	8	55540830	melanoma
21911	RP1	8	55541052	melanoma
21912	RP1	8	55541318	melanoma
21913	RP1	8	55541829	Astr
21914	RP1	8	55541829	Classic
21915	RP1	8	55541829	Classic_like
21916	RP1	8	55541829	Gbm
21917	RP1	8	55541829	GCIMP_high
21918	RP1	8	55541829	IDHmut
21919	RP1	8	55541829	IDHmut_noncodel
21920	RP1	8	55541829	IDHwt
21921	RP1	8	55541829	IDHwt_priGBM
21922	RP1	8	55541829	LGG GBM
21923	RP1	8	55541829	LGG GBM

21924	RP1	8	55542491	melanoma
21925	RP1	8	55542743	melanoma
21926	XKR4	8	56270245	Astr
21927	XKR4	8	56270245	Astr
21928	XKR4	8	56270245	Astr
21929	XKR4	8	56270245	GCIMP_high
21930	XKR4	8	56270245	GCIMP_high
21931	XKR4	8	56270245	GCIMP_high
21932	XKR4	8	56270245	IDHmut
21933	XKR4	8	56270245	IDHmut
21934	XKR4	8	56270245	IDHmut
21935	XKR4	8	56270245	IDHmut_noncodel
21936	XKR4	8	56270245	IDHmut_noncodel
21937	XKR4	8	56270245	IDHmut_noncodel
21938	XKR4	8	56270245	LGG GBM
21939	XKR4	8	56270245	LGG GBM
21940	XKR4	8	56270245	LGG GBM
21941	XKR4	8	56436421	bladder
21942	XKR4	8	56436476	melanoma
21943	XKR4	8	56436476	melanoma
21944	XKR4	8	56436604	melanoma
21945	XKR4	8	56436772	melanoma
21946	TGS1	8	56699445	melanoma
21947	LYN	8	56864542	melanoma
21948	RPS20	8	56986679	melanoma
21949	MOS	8	57026168	IDHwt_priGBM2
21950	MOS	8	57026474	melanoma
21951	PLAG1	8	57079329	melanoma
21952	PLAG1	8	57079329	melanoma
21953	PLAG1	8	57079415	melanoma
21954	PLAG1	8	57079415	melanoma
21955	PLAG1	8	57079415	melanoma
21956	SDR16C5	8	57221576	melanoma
21957	SDR16C5	8	57224804	melanoma
21958	SDR16C5	8	57224838	melanoma
21959	PENK	8	57354009	melanoma
21960	PENK	8	57358440	melanoma
21961	IMPAD1	8	57878872	Classic
21962	IMPAD1	8	57878872	Gbm
21963	IMPAD1	8	57878872	IDHwt
21964	IMPAD1	8	57878872	IDHwt_priGBM
21965	IMPAD1	8	57878872	LGG GBM
21966	IMPAD1	8	57878872	Mesenchymal_like
21967	FAM110B	8	59059736	lung
21968	UBXN2B	8	59345800	Gbm
21969	UBXN2B	8	59345800	IDHwt
21970	UBXN2B	8	59345800	IDHwt_priGBM
21971	UBXN2B	8	59345800	LGG GBM
21972	UBXN2B	8	59345800	Mesenchymal_like
21973	UBXN2B	8	59345800	Proneural
21974	UBXN2B	8	59352199	melanoma
21975	CYP7A1	8	59407099	melanoma
21976	CYP7A1	8	59409197	melanoma
21977	CYP7A1	8	59409197	melanoma
21978	NSMAF	8	59547928	melanoma
21979	TOX	8	59739385	melanoma
21980	TOX	8	59739385	melanoma
21981	TOX	8	60031465	melanoma

21982	CHD7	8	61712990	lung
21983	CHD7	8	61769344	melanoma
21984	CHD7	8	61769344	melanoma
21985	CHD7	8	61777626	hnscc
21986	CHD7	8	61777626	hnscc
21987	CLVS1	8	62289277	melanoma
21988	CLVS1	8	62289277	melanoma
21989	CLVS1	8	62289331	melanoma
21990	ASPH	8	62415992	melanoma
21991	ASPH	8	62460709	GCIMP_high
21992	ASPH	8	62460709	IDHmut
21993	ASPH	8	62460709	IDHmut_noncodel
21994	ASPH	8	62460709	LGG GBM
21995	ASPH	8	62460709	Mesenchymal
21996	ASPH	8	62460709	OligoAstr
21997	ASPH	8	62596709	melanoma
21998	NKAIN3	8	63492155	melanoma
21999	TTPA	8	63973933	melanoma
22000	CYP7B1	8	65517279	melanoma
22001	CYP7B1	8	65517279	melanoma
22002	MTFR1	8	66594598	melanoma
22003	MTFR1	8	66605918	melanoma
22004	MTFR1	8	66619478	melanoma
22005	PDE7A	8	66639113	Gbm
22006	PDE7A	8	66639113	IDHwt
22007	PDE7A	8	66639113	IDHwt_priGBM
22008	PDE7A	8	66639113	LGG GBM
22009	PDE7A	8	66639113	Mesenchymal_like
22010	DNAJC5B	8	66963846	melanoma
22011	DNAJC5B	8	66963846	melanoma
22012	DNAJC5B	8	66963846	melanoma
22013	TRIM55	8	67067869	bladder
22014	CRH	8	67089205	melanoma
22015	MYBL1	8	67488411	melanoma
22016	MYBL1	8	67509718	hnscc
22017	MYBL1	8	67514689	bladder
22018	8orf44-SGK3;SGK	8	67753290	melanoma
22019	MCMDC2	8	67803281	bladder
22020	PPP1R42	8	67923054	Codel
22021	PPP1R42	8	67923054	IDHmut
22022	PPP1R42	8	67923054	IDHmut_codel
22023	PPP1R42	8	67923054	LGG GBM
22024	PPP1R42	8	67923054	Oligo
22025	PPP1R42	8	67923054	Proneural
22026	PPP1R42	8	67923062	melanoma
22027	PPP1R42	8	67923062	melanoma
22028	PPP1R42	8	67926667	melanoma
22029	PPP1R42	8	67926815	melanoma
22030	COPS5	8	67963537	melanoma
22031	COPS5	8	67963537	melanoma
22032	ARFGEF1	8	68139489	Astr
22033	ARFGEF1	8	68139489	GCIMP_high
22034	ARFGEF1	8	68139489	IDHmut
22035	ARFGEF1	8	68139489	IDHmut_noncodel
22036	ARFGEF1	8	68139489	LGG GBM
22037	ARFGEF1	8	68163599	melanoma
22038	ARFGEF1	8	68163599	melanoma
22039	ARFGEF1	8	68179376	melanoma

22040	ARFGEF1	8	68179439	melanoma
22041	CPA6	8	68334861	melanoma
22042	CPA6	8	68346290	melanoma
22043	CPA6	8	68346463	melanoma
22044	CPA6	8	68396059	Classic_like
22045	CPA6	8	68396059	Gbm
22046	CPA6	8	68396059	IDHwt
22047	CPA6	8	68396059	IDHwt_priGBM
22048	CPA6	8	68396059	LGG GBM
22049	CPA6	8	68430177	melanoma
22050	CPA6	8	68430177	melanoma
22051	CPA6	8	68430177	melanoma
22052	PREX2	8	68931826	melanoma
22053	PREX2	8	68931826	melanoma
22054	PREX2	8	68942789	melanoma
22055	PREX2	8	68942789	melanoma
22056	PREX2	8	68965444	lung
22057	PREX2	8	68981321	melanoma
22058	PREX2	8	68982100	melanoma
22059	PREX2	8	69005843	melanoma
22060	PREX2	8	69011995	melanoma
22061	PREX2	8	69011995	melanoma
22062	PREX2	8	69031678	melanoma
22063	PREX2	8	69046482	melanoma
22064	PREX2	8	69058476	melanoma
22065	PREX2	8	69058476	melanoma
22066	PREX2	8	69058476	melanoma
22067	PREX2	8	69058566	melanoma
22068	PREX2	8	69058575	melanoma
22069	C8orf34	8	69351794	melanoma
22070	C8orf34	8	69621251	melanoma
22071	C8orf34	8	69728132	melanoma
22072	C8orf34	8	69728132	melanoma
22073	C8orf34	8	69728132	melanoma
22074	SULF1	8	70488235	Gbm
22075	SULF1	8	70488235	GCIMP_high
22076	SULF1	8	70488235	IDHmut
22077	SULF1	8	70488235	IDHmut_noncodel
22078	SULF1	8	70488235	LGG GBM
22079	SULF1	8	70488235	Proneural
22080	SLCO5A1	8	70585235	melanoma
22081	SLCO5A1	8	70585448	melanoma
22082	PRDM14	8	70981645	melanoma
22083	XKR9	8	71593461	melanoma
22084	XKR9	8	71646034	Classic
22085	XKR9	8	71646034	Classic_like
22086	XKR9	8	71646034	Gbm
22087	XKR9	8	71646034	IDHwt
22088	XKR9	8	71646034	IDHwt_priGBM
22089	XKR9	8	71646034	LGG GBM
22090	XKR9	8	71646315	melanoma
22091	XKR9	8	71646325	GCIMP_high
22092	XKR9	8	71646325	IDHmut
22093	XKR9	8	71646325	IDHmut_noncodel
22094	XKR9	8	71646325	LGG GBM
22095	XKR9	8	71646325	Oligo
22096	XKR9	8	71646325	Proneural
22097	XKR9	8	71646597	lung

22098	EYA1	8	72111592	melanoma
22099	EYA1	8	72182012	melanoma
22100	TRPA1	8	72938268	Classic
22101	TRPA1	8	72938268	Classic_like
22102	TRPA1	8	72938268	Gbm
22103	TRPA1	8	72938268	IDHwt
22104	TRPA1	8	72938268	IDHwt_priGBM
22105	TRPA1	8	72938268	LGG GBM
22106	TRPA1	8	72946552	GCIMP_high
22107	TRPA1	8	72946552	GCIMP_high
22108	TRPA1	8	72946552	GCIMP_high
22109	TRPA1	8	72946552	IDHmut
22110	TRPA1	8	72946552	IDHmut
22111	TRPA1	8	72946552	IDHmut
22112	TRPA1	8	72946552	IDHmut_noncodel
22113	TRPA1	8	72946552	IDHmut_noncodel
22114	TRPA1	8	72946552	IDHmut_noncodel
22115	TRPA1	8	72946552	LGG GBM
22116	TRPA1	8	72946552	LGG GBM
22117	TRPA1	8	72946552	LGG GBM
22118	TRPA1	8	72946552	OligoAstr
22119	TRPA1	8	72946552	OligoAstr
22120	TRPA1	8	72946552	OligoAstr
22121	TRPA1	8	72946552	Proneural
22122	TRPA1	8	72946552	Proneural
22123	TRPA1	8	72946552	Proneural
22124	TRPA1	8	72948586	Classic_like
22125	TRPA1	8	72948586	Classic like
22126	TRPA1	8	72948586	Gbm
22127	TRPA1	8	72948586	Gbm
22128	TRPA1	8	72948586	IDHwt
22129	TRPA1	8	72948586	IDHwt
22130	TRPA1	8	72948586	IDHwt_priGBM
22131	TRPA1	8	72948586	IDHwt_priGBM
22132	TRPA1	8	72948586	LGG GBM
22133	TRPA1	8	72948586	LGG GBM
22134	TRPA1	8	72948586	Neural
22135	TRPA1	8	72948586	Neural
22136	TRPA1	8	72948640	Classic
22137	TRPA1	8	72948640	Gbm
22138	TRPA1	8	72948640	IDHwt
22139	TRPA1	8	72948640	IDHwt_priGBM
22140	TRPA1	8	72948640	LGG GBM
22141	TRPA1	8	72981373	melanoma
22142	KCNB2	8	73480145	lung
22143	KCNB2	8	73480285	melanoma
22144	KCNB2	8	73480322	melanoma
22145	KCNB2	8	73480322	melanoma
22146	KCNB2	8	73848231	Classic
22147	KCNB2	8	73848231	Classic_like
22148	KCNB2	8	73848231	Gbm
22149	KCNB2	8	73848231	IDHwt
22150	KCNB2	8	73848231	IDHwt_priGBM
22151	KCNB2	8	73848231	LGG GBM
22152	KCNB2	8	73848416	lung
22153	KCNB2	8	73849032	melanoma
22154	KCNB2	8	73849130	melanoma
22155	KCNB2	8	73849376	melanoma

22156	KCNB2	8	73849620	melanoma
22157	KCNB2	8	73850273	melanoma
22158	SBSPON	8	74005094	bladder
22159	SBSPON	8	74005094	bladder
22160	RDH10	8	74209522	melanoma
22161	RDH10	8	74231361	melanoma
22162	STAU2	8	74526176	melanoma
22163	STAU2	8	74526176	melanoma
22164	STAU2	8	74526176	melanoma
22165	TMEM70	8	74891077	Codel
22166	TMEM70	8	74891077	IDHmut
22167	TMEM70	8	74891077	IDHmut_codel
22168	TMEM70	8	74891077	LGG GBM
22169	TMEM70	8	74891077	Proneural
22170	JPH1	8	75227583	melanoma
22171	GDAP1	8	75272416	GCIMP_high
22172	GDAP1	8	75272416	GCIMP_high
22173	GDAP1	8	75272416	IDHmut
22174	GDAP1	8	75272416	IDHmut
22175	GDAP1	8	75272416	IDHmut_noncodel
22176	GDAP1	8	75272416	IDHmut_noncodel
22177	GDAP1	8	75272416	LGG GBM
22178	GDAP1	8	75272416	LGG GBM
22179	GDAP1	8	75272416	OligoAstr
22180	GDAP1	8	75272416	OligoAstr
22181	GDAP1	8	75272416	Proneural
22182	GDAP1	8	75272416	Proneural
22183	PI15	8	75737579	Astr
22184	PI15	8	75737579	IDHwt
22185	PI15	8	75737579	LGG GBM
22186	PI15	8	75737579	Neural
22187	PI15	8	75737579	PA_like
22188	PI15	8	75737731	melanoma
22189	PI15	8	75737735	bladder
22190	PI15	8	75737735	bladder
22191	CRISPLD1	8	75929583	melanoma
22192	CRISPLD1	8	75929583	melanoma
22193	CRISPLD1	8	75929583	melanoma
22194	ZFHx4	8	77616924	melanoma
22195	ZFHx4	8	77617855	Gbm
22196	ZFHx4	8	77617855	GCIMP_high
22197	ZFHx4	8	77617855	IDHmut
22198	ZFHx4	8	77617855	IDHmut_noncodel
22199	ZFHx4	8	77617855	LGG GBM
22200	ZFHx4	8	77617897	Gbm
22201	ZFHx4	8	77617897	GCIMP_high
22202	ZFHx4	8	77617897	IDHmut
22203	ZFHx4	8	77617897	IDHmut_noncodel
22204	ZFHx4	8	77617897	LGG GBM
22205	ZFHx4	8	77617897	melanoma
22206	ZFHx4	8	77617897	melanoma
22207	ZFHx4	8	77618548	melanoma
22208	ZFHx4	8	77618548	melanoma
22209	ZFHx4	8	77618548	melanoma
22210	ZFHx4	8	77690481	melanoma
22211	ZFHx4	8	77690481	melanoma
22212	ZFHx4	8	77761272	lung
22213	ZFHx4	8	77761272	lung

22214	ZFHX4	8	77764117	Gbm
22215	ZFHX4	8	77764117	IDHwt
22216	ZFHX4	8	77764117	IDHwt_priGBM
22217	ZFHX4	8	77764117	LGG GBM
22218	ZFHX4	8	77764117	Mesenchymal_like
22219	ZFHX4	8	77764258	melanoma
22220	ZFHX4	8	77765920	melanoma
22221	ZFHX4	8	77766341	melanoma
22222	ZFHX4	8	77766590	melanoma
22223	ZFHX4	8	77766737	melanoma
22224	ZFHX4	8	77766737	melanoma
22225	ZFHX4	8	77766851	melanoma
22226	ZFHX4	8	77768099	lung
22227	ZFHX4	8	77768230	melanoma
22228	ZFHX4	8	77768453	lung
22229	ZFHX4	8	77768501	melanoma
22230	ZFHX4	8	77775748	melanoma
22231	ZFHX4	8	77775748	melanoma
22232	ZFHX4	8	77776581	melanoma
22233	PEX2	8	77896212	melanoma
22234	TPD52	8	80965659	melanoma
22235	PAG1	8	81897477	melanoma
22236	PAG1	8	81897478	melanoma
22237	FABP9	8	82370865	lung
22238	FABP9	8	82370865	lung
22239	FABP4	8	82395348	lung
22240	IMPA1	8	82588510	melanoma
22241	IMPA1	8	82588510	melanoma
22242	IMPA1	8	82588510	melanoma
22243	RALYL	8	85762249	melanoma
22244	CA13	8	86180744	melanoma
22245	CA1	8	86242021	melanoma
22246	CA1	8	86242066	melanoma
22247	CA2	8	86385933	melanoma
22248	PSKH2	8	87076624	melanoma
22249	ATP6V0D2	8	87125949	melanoma
22250	ATP6V0D2	8	87125949	melanoma
22251	ATP6V0D2	8	87126073	melanoma
22252	ATP6V0D2	8	87126107	melanoma
22253	SLC7A13	8	87226770	lung
22254	SLC7A13	8	87229764	Codel
22255	SLC7A13	8	87229764	IDHmut
22256	SLC7A13	8	87229764	IDHmut_codel
22257	SLC7A13	8	87229764	LGG GBM
22258	SLC7A13	8	87229764	Oligo
22259	SLC7A13	8	87229764	Proneural
22260	SLC7A13	8	87229865	lung
22261	SLC7A13	8	87235303	melanoma
22262	SLC7A13	8	87241909	melanoma
22263	SLC7A13	8	87241932	melanoma
22264	SLC7A13	8	87241932	melanoma
22265	SLC7A13	8	87242133	melanoma
22266	SLC7A13	8	87242133	melanoma
22267	SLC7A13	8	87242398	melanoma
22268	WWP1	8	87473522	melanoma
22269	WWP1	8	87473522	melanoma
22270	WWP1	8	87473522	melanoma
22271	CPNE3	8	87541339	melanoma

22272	CPNE3	8	87552495	melanoma
22273	CPNE3	8	87563445	melanoma
22274	CNGB3	8	87591386	melanoma
22275	CNGB3	8	87679263	melanoma
22276	CNGB3	8	87679263	melanoma
22277	CNGB3	8	87683195	melanoma
22278	CNBD1	8	87878799	melanoma
22279	CNBD1	8	87878799	melanoma
22280	DCAF4L2	8	88886172	melanoma
22281	MMP16	8	89128887	melanoma
22282	MMP16	8	89179940	lung
22283	MMP16	8	89180185	melanoma
22284	MMP16	8	89180185	melanoma
22285	MMP16	8	89198759	melanoma
22286	OSGIN2	8	90937570	melanoma
22287	OSGIN2	8	90937570	melanoma
22288	DECR1	8	91029421	melanoma
22289	NECAB1	8	91940502	melanoma
22290	NECAB1	8	91940502	melanoma
22291	SLC26A7	8	92301426	melanoma
22292	SLC26A7	8	92301426	melanoma
22293	SLC26A7	8	92301426	melanoma
22294	SLC26A7	8	92307909	melanoma
22295	SLC26A7	8	92307909	melanoma
22296	SLC26A7	8	92307909	melanoma
22297	SLC26A7	8	92307918	melanoma
22298	SLC26A7	8	92352636	melanoma
22299	SLC26A7	8	92352727	melanoma
22300	RUNX1T1	8	92988165	melanoma
22301	RUNX1T1	8	92998474	lung
22302	RUNX1T1	8	92999177	melanoma
22303	RUNX1T1	8	93003935	melanoma
22304	RUNX1T1	8	93003935	melanoma
22305	RUNX1T1	8	93003962	melanoma
22306	RUNX1T1	8	93004110	melanoma
22307	RUNX1T1	8	93023292	melanoma
22308	RUNX1T1	8	93023292	melanoma
22309	RUNX1T1	8	93027036	Gbm
22310	RUNX1T1	8	93027036	IDHwt
22311	RUNX1T1	8	93027036	IDHwt_priGBM
22312	RUNX1T1	8	93027036	LGG GBM
22313	RUNX1T1	8	93027036	Mesenchymal
22314	RUNX1T1	8	93027036	Mesenchymal_like
22315	C8orf87	8	94146614	melanoma
22316	C8orf87	8	94146614	melanoma
22317	C8orf87	8	94146614	melanoma
22318	RBM12B	8	94747221	Astr
22319	RBM12B	8	94747221	GCIMP_high
22320	RBM12B	8	94747221	IDHmut
22321	RBM12B	8	94747221	IDHmut_noncodel
22322	RBM12B	8	94747221	LGG GBM
22323	RBM12B	8	94747221	Proneural
22324	RBM12B	8	94747357	melanoma
22325	RBM12B	8	94747357	melanoma
22326	RBM12B	8	94748131	Astr
22327	RBM12B	8	94748131	GCIMP_high
22328	RBM12B	8	94748131	IDHmut
22329	RBM12B	8	94748131	IDHmut_noncodel

22330	RBM12B	8	94748131	LGG GBM
22331	RBM12B	8	94748131	Proneural
22332	TMEM67	8	94772156	lung
22333	TMEM67	8	94793112	melanoma
22334	CDH17	8	95140475	melanoma
22335	CDH17	8	95183096	melanoma
22336	CDH17	8	95186342	melanoma
22337	CDH17	8	95201476	melanoma
22338	CDH17	8	95201476	melanoma
22339	FSBP	8	95448966	bladder
22340	VIRMA	8	95500969	melanoma
22341	VIRMA	8	95518797	melanoma
22342	VIRMA	8	95531654	GCIMP_high
22343	VIRMA	8	95531654	IDHmut
22344	VIRMA	8	95531654	IDHmut_noncodel
22345	VIRMA	8	95531654	LGG GBM
22346	VIRMA	8	95538995	bladder
22347	VIRMA	8	95550552	bladder
22348	ESRP1	8	95677398	melanoma
22349	DPY19L4	8	95777495	melanoma
22350	DPY19L4	8	95777495	melanoma
22351	DPY19L4	8	95801989	melanoma
22352	INTS8	8	95853785	lung
22353	NDUFAF6	8	96047748	Classic_like
22354	NDUFAF6	8	96047748	Gbm
22355	NDUFAF6	8	96047748	IDHwt
22356	NDUFAF6	8	96047748	IDHwt_priGBM
22357	NDUFAF6	8	96047748	LGG GBM
22358	NDUFAF6	8	96047748	Proneural
22359	C8orf37	8	96281408	melanoma
22360	GDF6	8	97157054	lung
22361	GDF6	8	97157054	lung
22362	UQCRB	8	97244109	melanoma
22363	MTERF3	8	97263237	melanoma
22364	MATN2	8	98943382	lung
22365	MATN2	8	98943528	Codel
22366	MATN2	8	98943528	IDHmut
22367	MATN2	8	98943528	IDHmut_codel
22368	MATN2	8	98943528	LGG GBM
22369	MATN2	8	98943528	Proneural
22370	ERICH5	8	99101679	melanoma
22371	POP1	8	99170245	melanoma
22372	NIPAL2	8	99205289	bladder
22373	NIPAL2	8	99215392	Gbm
22374	NIPAL2	8	99215392	Gbm
22375	NIPAL2	8	99215392	Gbm
22376	NIPAL2	8	99215392	IDHwt
22377	NIPAL2	8	99215392	IDHwt
22378	NIPAL2	8	99215392	IDHwt
22379	NIPAL2	8	99215392	IDHwt_priGBM
22380	NIPAL2	8	99215392	IDHwt_priGBM
22381	NIPAL2	8	99215392	IDHwt_priGBM
22382	NIPAL2	8	99215392	LGG GBM
22383	NIPAL2	8	99215392	LGG GBM
22384	NIPAL2	8	99215392	LGG GBM
22385	NIPAL2	8	99215392	LGm6_GBM
22386	NIPAL2	8	99215392	LGm6_GBM
22387	NIPAL2	8	99215392	LGm6_GBM

22388	NIPAL2	8	99215392	Proneural
22389	NIPAL2	8	99215392	Proneural
22390	NIPAL2	8	99215392	Proneural
22391	NIPAL2	8	99234825	melanoma
22392	NIPAL2	8	99234825	melanoma
22393	NIPAL2	8	99264829	melanoma
22394	KCNS2	8	99441273	Codel
22395	KCNS2	8	99441273	IDHmut
22396	KCNS2	8	99441273	IDHmut_codel
22397	KCNS2	8	99441273	LGG GBM
22398	KCNS2	8	99441273	Oligo
22399	VPS13B	8	100026038	melanoma
22400	VPS13B	8	100026038	melanoma
22401	VPS13B	8	100050669	melanoma
22402	VPS13B	8	100168924	melanoma
22403	VPS13B	8	100168924	melanoma
22404	VPS13B	8	100182381	melanoma
22405	VPS13B	8	100523512	melanoma
22406	VPS13B	8	100589774	bladder
22407	VPS13B	8	100654313	melanoma
22408	VPS13B	8	100654313	melanoma
22409	VPS13B	8	100791123	lung
22410	VPS13B	8	100830698	melanoma
22411	VPS13B	8	100830758	melanoma
22412	VPS13B	8	100830758	melanoma
22413	VPS13B	8	100831686	lung
22414	VPS13B	8	100844844	melanoma
22415	VPS13B	8	100865950	melanoma
22416	VPS13B	8	100883091	bladder
22417	RGS22	8	101014554	melanoma
22418	RGS22	8	101016271	Gbm
22419	RGS22	8	101016271	IDHwt
22420	RGS22	8	101016271	IDHwt_priGBM
22421	RGS22	8	101016271	LGG GBM
22422	RGS22	8	101016271	Mesenchymal
22423	RGS22	8	101016271	Mesenchymal_like
22424	RGS22	8	101083706	melanoma
22425	SPAG1	8	101199472	melanoma
22426	RNF19A	8	101287324	melanoma
22427	RNF19A	8	101300006	melanoma
22428	PABPC1	8	101721737	melanoma
22429	YWHAZ	8	101936423	lung
22430	UBR5	8	103338880	melanoma
22431	UBR5	8	103341409	lung
22432	KLF10	8	103663584	lung
22433	ATP6V1C1	8	104064965	Classic_like
22434	ATP6V1C1	8	104064965	Gbm
22435	ATP6V1C1	8	104064965	IDHwt
22436	ATP6V1C1	8	104064965	IDHwt_priGBM
22437	ATP6V1C1	8	104064965	LGG GBM
22438	FZD6	8	104312396	melanoma
22439	FZD6	8	104342005	melanoma
22440	FZD6	8	104342148	melanoma
22441	RIMS2	8	104898166	melanoma
22442	RIMS2	8	104898166	melanoma
22443	RIMS2	8	104898379	melanoma
22444	RIMS2	8	104898412	melanoma
22445	RIMS2	8	104922416	melanoma

22446	RIMS2	8	104922416	melanoma
22447	RIMS2	8	104922416	melanoma
22448	RIMS2	8	104943506	lung
22449	RIMS2	8	105257281	melanoma
22450	RIMS2	8	105263332	melanoma
22451	RIMS2	8	105264005	melanoma
22452	RIMS2	8	105264013	melanoma
22453	DCSTAMP	8	105361016	melanoma
22454	DCSTAMP	8	105361043	lung
22455	DCSTAMP	8	105361250	melanoma
22456	DCSTAMP	8	105361250	melanoma
22457	DCSTAMP	8	105361442	bladder
22458	DPYS	8	105405017	hnsc
22459	DPYS	8	105440236	melanoma
22460	ZFPM2	8	106646514	melanoma
22461	ZFPM2	8	106813758	melanoma
22462	ZFPM2	8	106813826	melanoma
22463	ZFPM2	8	106813826	melanoma
22464	ZFPM2	8	106813826	melanoma
22465	ZFPM2	8	106813826	melanoma
22466	ZFPM2	8	106814052	melanoma
22467	ZFPM2	8	106814052	melanoma
22468	ZFPM2	8	106814408	melanoma
22469	ZFPM2	8	106814408	melanoma
22470	ZFPM2	8	106814775	melanoma
22471	ZFPM2	8	106814775	melanoma
22472	ZFPM2	8	106814899	melanoma
22473	ZFPM2	8	106815537	melanoma
22474	OXR1	8	107696523	melanoma
22475	OXR1	8	107696523	melanoma
22476	ANGPT1	8	108264099	melanoma
22477	ANGPT1	8	108264126	melanoma
22478	ANGPT1	8	108264126	melanoma
22479	ANGPT1	8	108264126	melanoma
22480	ANGPT1	8	108264126	melanoma
22481	RSPO2	8	109001337	melanoma
22482	RSPO2	8	109001337	melanoma
22483	TMEM74	8	109797119	melanoma
22484	TRHR	8	110099886	melanoma
22485	TRHR	8	110099952	melanoma
22486	TRHR	8	110099952	melanoma
22487	TRHR	8	110131611	melanoma
22488	NUDCD1	8	110283280	melanoma
22489	ENY2	8	110352787	lung
22490	ENY2	8	110352787	lung
22491	PKHD1L1	8	110397835	melanoma
22492	PKHD1L1	8	110397835	melanoma
22493	PKHD1L1	8	110422112	melanoma
22494	PKHD1L1	8	110432833	melanoma
22495	PKHD1L1	8	110432834	melanoma
22496	PKHD1L1	8	110445338	melanoma
22497	PKHD1L1	8	110447572	melanoma
22498	PKHD1L1	8	110453004	melanoma
22499	PKHD1L1	8	110453042	melanoma
22500	PKHD1L1	8	110453580	lung
22501	PKHD1L1	8	110454293	Classic_like
22502	PKHD1L1	8	110454293	Gbm
22503	PKHD1L1	8	110454293	IDHwt

22504	PKHD1L1	8	110454293	IDHwt_priGBM
22505	PKHD1L1	8	110454293	LGG GBM
22506	PKHD1L1	8	110454293	Proneural
22507	PKHD1L1	8	110457152	melanoma
22508	PKHD1L1	8	110461618	melanoma
22509	PKHD1L1	8	110461618	melanoma
22510	PKHD1L1	8	110461618	melanoma
22511	PKHD1L1	8	110465084	lung
22512	PKHD1L1	8	110466956	melanoma
22513	PKHD1L1	8	110468553	melanoma
22514	PKHD1L1	8	110476524	melanoma
22515	PKHD1L1	8	110476524	melanoma
22516	PKHD1L1	8	110476920	melanoma
22517	PKHD1L1	8	110487479	Codel
22518	PKHD1L1	8	110487479	IDHmut
22519	PKHD1L1	8	110487479	IDHmut_codel
22520	PKHD1L1	8	110487479	LGG GBM
22521	PKHD1L1	8	110487479	Neural
22522	PKHD1L1	8	110487479	Oligo
22523	PKHD1L1	8	110498879	melanoma
22524	PKHD1L1	8	110498879	melanoma
22525	PKHD1L1	8	110502250	melanoma
22526	PKHD1L1	8	110510695	melanoma
22527	PKHD1L1	8	110530483	melanoma
22528	PKHD1L1	8	110530558	melanoma
22529	PKHD1L1	8	110530558	melanoma
22530	PKHD1L1	8	110530669	melanoma
22531	PKHD1L1	8	110535006	melanoma
22532	PKHD1L1	8	110535015	melanoma
22533	PKHD1L1	8	110535586	melanoma
22534	SYBU	8	110587232	melanoma
22535	SYBU	8	110587269	Gbm
22536	SYBU	8	110587269	GCIMP_high
22537	SYBU	8	110587269	IDHmut
22538	SYBU	8	110587269	IDHmut_noncodel
22539	SYBU	8	110587269	LGG GBM
22540	SYBU	8	110587269	Proneural
22541	SYBU	8	110655107	melanoma
22542	KCNV1	8	110980574	melanoma
22543	KCNV1	8	110980574	melanoma
22544	KCNV1	8	110984912	Gbm
22545	KCNV1	8	110984912	IDHwt
22546	KCNV1	8	110984912	IDHwt_priGBM
22547	KCNV1	8	110984912	LGG GBM
22548	KCNV1	8	110984912	Mesenchymal
22549	KCNV1	8	110986368	IDHwt_priGBM2
22550	CSMD3	8	113256734	Classic_like
22551	CSMD3	8	113256734	IDHwt
22552	CSMD3	8	113256734	LGG GBM
22553	CSMD3	8	113293538	melanoma
22554	CSMD3	8	113314099	melanoma
22555	CSMD3	8	113326251	melanoma
22556	CSMD3	8	113326757	IDHwt_priGBM2
22557	CSMD3	8	113349013	bladder
22558	CSMD3	8	113349013	bladder
22559	CSMD3	8	113420589	lung
22560	CSMD3	8	113484839	GCIMP_high
22561	CSMD3	8	113484839	IDHmut

22562	CSMD3	8	113484839	IDHmut_noncodel
22563	CSMD3	8	113484839	LGG GBM
22564	CSMD3	8	113484933	GCIMP_high
22565	CSMD3	8	113484933	IDHmut
22566	CSMD3	8	113484933	IDHmut_noncodel
22567	CSMD3	8	113484933	LGG GBM
22568	CSMD3	8	113504774	melanoma
22569	CSMD3	8	113569060	melanoma
22570	CSMD3	8	113569061	melanoma
22571	CSMD3	8	114111037	melanoma
22572	TRPS1	8	116426805	melanoma
22573	TRPS1	8	116599568	melanoma
22574	TRPS1	8	116616241	melanoma
22575	TRPS1	8	116616241	melanoma
22576	EIF3H	8	117657286	melanoma
22577	EIF3H	8	117657286	melanoma
22578	EIF3H	8	117738327	Classic
22579	EIF3H	8	117738327	Classic_like
22580	EIF3H	8	117738327	Gbm
22581	EIF3H	8	117738327	IDHwt
22582	EIF3H	8	117738327	IDHwt_priGBM
22583	EIF3H	8	117738327	LGG GBM
22584	RAD21	8	117866545	Codel
22585	RAD21	8	117866545	IDHmut
22586	RAD21	8	117866545	IDHmut_codel
22587	RAD21	8	117866545	LGG GBM
22588	RAD21	8	117866545	Oligo
22589	RAD21	8	117866545	Proneural
22590	RAD21	8	117875483	Classic
22591	RAD21	8	117875483	Gbm
22592	RAD21	8	117875483	IDHwt
22593	RAD21	8	117875483	IDHwt_priGBM
22594	RAD21	8	117875483	LGG GBM
22595	RAD21	8	117875483	Mesenchymal_like
22596	SLC30A8	8	118170016	melanoma
22597	SLC30A8	8	118175707	melanoma
22598	EXT1	8	118847778	melanoma
22599	EXT1	8	119122582	melanoma
22600	SAMD12	8	119391694	melanoma
22601	SAMD12	8	119391715	melanoma
22602	TNFRSF11B	8	119936947	melanoma
22603	COLEC10	8	120118080	melanoma
22604	ENPP2	8	120628508	Codel
22605	ENPP2	8	120628508	IDHmut
22606	ENPP2	8	120628508	IDHmut_codel
22607	ENPP2	8	120628508	LGG GBM
22608	ENPP2	8	120628508	Neural
22609	ENPP2	8	120628508	Oligo
22610	ENPP2	8	120629759	Classic
22611	ENPP2	8	120629759	Gbm
22612	ENPP2	8	120629759	IDHwt
22613	ENPP2	8	120629759	IDHwt_priGBM
22614	ENPP2	8	120629759	LGG GBM
22615	ENPP2	8	120629759	Mesenchymal_like
22616	ENPP2	8	120650674	melanoma
22617	TAF2	8	120744375	melanoma
22618	TAF2	8	120768315	Astr
22619	TAF2	8	120768315	GCIMP_high

22620	TAF2	8	120768315	IDHmut
22621	TAF2	8	120768315	IDHmut_noncodel
22622	TAF2	8	120768315	LGG GBM
22623	TAF2	8	120768315	Mesenchymal
22624	TAF2	8	120810034	melanoma
22625	TAF2	8	120844732	melanoma
22626	TAF2	8	120844732	melanoma
22627	DSCC1	8	120850530	melanoma
22628	DEPTOR	8	121013833	lung
22629	COL14A1	8	121160106	Gbm
22630	COL14A1	8	121160106	IDHwt
22631	COL14A1	8	121160106	IDHwt_priGBM
22632	COL14A1	8	121160106	LGG GBM
22633	COL14A1	8	121160106	Mesenchymal_like
22634	COL14A1	8	121209125	melanoma
22635	COL14A1	8	121209125	melanoma
22636	COL14A1	8	121262982	melanoma
22637	COL14A1	8	121290386	melanoma
22638	COL14A1	8	121290386	melanoma
22639	COL14A1	8	121292197	lung
22640	COL14A1	8	121292323	melanoma
22641	COL14A1	8	121295885	melanoma
22642	COL14A1	8	121357692	melanoma
22643	MTBP	8	121468822	bladder
22644	MTBP	8	121471464	melanoma
22645	MTBP	8	121471560	lung
22646	DERL1	8	124035961	melanoma
22647	DERL1	8	124035961	melanoma
22648	TBC1D31	8	124109565	Classic
22649	TBC1D31	8	124109565	Classic_like
22650	TBC1D31	8	124109565	Gbm
22651	TBC1D31	8	124109565	IDHwt
22652	TBC1D31	8	124109565	IDHwt_priGBM
22653	TBC1D31	8	124109565	LGG GBM
22654	TBC1D31	8	124164049	melanoma
22655	ZHX1	8	124267238	lung
22656	ATAD2	8	124351613	GCIMP_high
22657	ATAD2	8	124351613	IDHmut
22658	ATAD2	8	124351613	IDHmut_noncodel
22659	ATAD2	8	124351613	LGG GBM
22660	ATAD2	8	124351613	OligoAstr
22661	ATAD2	8	124358436	melanoma
22662	ATAD2	8	124359334	melanoma
22663	ATAD2	8	124359388	melanoma
22664	ATAD2	8	124359388	melanoma
22665	ATAD2	8	124381319	melanoma
22666	ATAD2	8	124381407	melanoma
22667	ATAD2	8	124381407	melanoma
22668	WDYHV1	8	124453566	Classic
22669	WDYHV1	8	124453566	Classic_like
22670	WDYHV1	8	124453566	Gbm
22671	WDYHV1	8	124453566	IDHwt
22672	WDYHV1	8	124453566	IDHwt_priGBM
22673	WDYHV1	8	124453566	LGG GBM
22674	KLHL38	8	124658166	melanoma
22675	KLHL38	8	124664031	melanoma
22676	KLHL38	8	124664031	melanoma
22677	FAM91A1	8	124780983	melanoma

22678	FAM91A1	8	124824837	melanoma
22679	FER1L6	8	124975616	melanoma
22680	FER1L6	8	125047566	Gbm
22681	FER1L6	8	125047566	GCIMP_low
22682	FER1L6	8	125047566	IDHmut
22683	FER1L6	8	125047566	IDHmut_noncode1
22684	FER1L6	8	125047566	LGG GBM
22685	FER1L6	8	125072810	melanoma
22686	FER1L6	8	125072810	melanoma
22687	FER1L6	8	125072810	melanoma
22688	FER1L6	8	125103693	melanoma
22689	FER1L6	8	125115531	melanoma
22690	FER1L6	8	125131106	melanoma
22691	TRMT12	8	125463914	melanoma
22692	RNF139	8	125498200	melanoma
22693	RNF139	8	125498665	bladder
22694	NDUFB9	8	125555509	melanoma
22695	ZNF572	8	125989213	melanoma
22696	ZNF572	8	125989213	melanoma
22697	ZNF572	8	125989213	melanoma
22698	ZNF572	8	125989742	melanoma
22699	WASHC5	8	126049550	melanoma
22700	WASHC5	8	126049550	melanoma
22701	WASHC5	8	126049550	melanoma
22702	WASHC5	8	126087305	bladder
22703	NSMCE2	8	126163418	melanoma
22704	NSMCE2	8	126163418	melanoma
22705	POU5F1B	8	128429120	melanoma
22706	GSDMC	8	130762260	bladder
22707	GSDMC	8	130762260	bladder
22708	GSDMC	8	130762299	melanoma
22709	ASAP1	8	131138234	melanoma
22710	ADCY8	8	131848584	melanoma
22711	ADCY8	8	131896832	Classic
22712	ADCY8	8	131896832	Classic
22713	ADCY8	8	131896832	Classic
22714	ADCY8	8	131896832	Classic_like
22715	ADCY8	8	131896832	Classic_like
22716	ADCY8	8	131896832	Classic_like
22717	ADCY8	8	131896832	Gbm
22718	ADCY8	8	131896832	Gbm
22719	ADCY8	8	131896832	Gbm
22720	ADCY8	8	131896832	IDHwt
22721	ADCY8	8	131896832	IDHwt
22722	ADCY8	8	131896832	IDHwt
22723	ADCY8	8	131896832	IDHwt_priGBM
22724	ADCY8	8	131896832	IDHwt_priGBM
22725	ADCY8	8	131896832	IDHwt_priGBM
22726	ADCY8	8	131896832	LGG GBM
22727	ADCY8	8	131896832	LGG GBM
22728	ADCY8	8	131896832	LGG GBM
22729	ADCY8	8	131949341	melanoma
22730	ADCY8	8	131964220	melanoma
22731	ADCY8	8	132002715	melanoma
22732	ADCY8	8	132002715	melanoma
22733	ADCY8	8	132052081	melanoma
22734	ADCY8	8	132052521	melanoma
22735	EFR3A	8	132957067	melanoma

22736	EFR3A	8	132997188	melanoma
22737	EFR3A	8	133014949	melanoma
22738	OC90	8	133036732	lung
22739	KCNQ3	8	133152353	melanoma
22740	KCNQ3	8	133153411	bladder
22741	KCNQ3	8	133175737	melanoma
22742	KCNQ3	8	133175737	melanoma
22743	KCNQ3	8	133192501	melanoma
22744	TMEM71	8	133759328	melanoma
22745	PHF20L1	8	133806664	melanoma
22746	PHF20L1	8	133854896	bladder
22747	TG	8	133899152	lung
22748	TG	8	133899544	lung
22749	TG	8	133900718	melanoma
22750	TG	8	133906058	lung
22751	TG	8	133920461	Gbm
22752	TG	8	133920461	IDHwt
22753	TG	8	133920461	IDHwt_priGBM
22754	TG	8	133920461	LGG GBM
22755	TG	8	133920461	Mesenchymal_like
22756	TG	8	133931729	lung
22757	TG	8	134042266	melanoma
22758	TG	8	134108459	Astr
22759	TG	8	134108459	Classic
22760	TG	8	134108459	IDHwt
22761	TG	8	134108459	LGG GBM
22762	TG	8	134108459	Mesenchymal_like
22763	NDRG1	8	134258899	Gbm
22764	NDRG1	8	134258899	GCIMP_low
22765	NDRG1	8	134258899	IDHmut
22766	NDRG1	8	134258899	IDHmut_noncodel
22767	NDRG1	8	134258899	LGG GBM
22768	NDRG1	8	134258899	Proneural
22769	NDRG1	8	134262725	melanoma
22770	ST3GAL1	8	134477150	melanoma
22771	ST3GAL1	8	134488204	lung
22772	ST3GAL1	8	134488257	GCIMP_high
22773	ST3GAL1	8	134488257	IDHmut
22774	ST3GAL1	8	134488257	IDHmut_noncodel
22775	ST3GAL1	8	134488257	LGG GBM
22776	ZFAT	8	135613836	lung
22777	ZFAT	8	135613836	lung
22778	ZFAT	8	135622827	melanoma
22779	KHDRBS3	8	136554994	melanoma
22780	KHDRBS3	8	136561043	GCIMP_high
22781	KHDRBS3	8	136561043	GCIMP_high
22782	KHDRBS3	8	136561043	IDHmut
22783	KHDRBS3	8	136561043	IDHmut
22784	KHDRBS3	8	136561043	IDHmut_noncodel
22785	KHDRBS3	8	136561043	IDHmut_noncodel
22786	KHDRBS3	8	136561043	LGG GBM
22787	KHDRBS3	8	136561043	LGG GBM
22788	KHDRBS3	8	136561043	OligoAstr
22789	KHDRBS3	8	136561043	OligoAstr
22790	KHDRBS3	8	136561043	Proneural
22791	KHDRBS3	8	136561043	Proneural
22792	FAM135B	8	139151280	melanoma
22793	FAM135B	8	139160883	melanoma

22794	FAM135B	8	139163500	melanoma
22795	FAM135B	8	139163695	melanoma
22796	FAM135B	8	139164236	melanoma
22797	FAM135B	8	139164409	melanoma
22798	FAM135B	8	139164616	melanoma
22799	FAM135B	8	139164989	melanoma
22800	FAM135B	8	139189630	melanoma
22801	FAM135B	8	139209861	lung
22802	FAM135B	8	139209861	lung
22803	FAM135B	8	139209861	lung
22804	FAM135B	8	139263168	melanoma
22805	FAM135B	8	139263168	melanoma
22806	FAM135B	8	139380195	lung
22807	COL22A1	8	139603724	lung
22808	COL22A1	8	139603724	lung
22809	COL22A1	8	139845379	melanoma
22810	KCNK9	8	140630562	melanoma
22811	KCNK9	8	140630562	melanoma
22812	KCNK9	8	140630988	melanoma
22813	TRAPPC9	8	141460932	melanoma
22814	TRAPPC9	8	141460932	melanoma
22815	AGO2	8	141561409	melanoma
22816	AGO2	8	141561409	melanoma
22817	AGO2	8	141572572	melanoma
22818	AGO2	8	141595291	melanoma
22819	PTK2	8	141675045	melanoma
22820	PTK2	8	141813647	melanoma
22821	DENND3	8	142178153	melanoma
22822	DENND3	8	142178153	melanoma
22823	DENND3	8	142185347	lung
22824	SLC45A4	8	142222300	melanoma
22825	SLC45A4	8	142228289	bladder
22826	TSNARE1	8	143399945	melanoma
22827	TSNARE1	8	143399945	melanoma
22828	TSNARE1	8	143412325	melanoma
22829	ADGRB1	8	143562920	melanoma
22830	ADGRB1	8	143570779	melanoma
22831	ADGRB1	8	143599593	melanoma
22832	ADGRB1	8	143605610	melanoma
22833	ADGRB1	8	143620747	melanoma
22834	PSCA	8	143763351	hnscc
22835	LY6K	8	143784548	bladder
22836	LYPD2	8	143832508	melanoma
22837	LYPD2	8	143832508	melanoma
22838	LYPD2	8	143832508	melanoma
22839	CYP11B2	8	143996243	melanoma
22840	CYP11B2	8	143999226	Classic
22841	CYP11B2	8	143999226	Gbm
22842	CYP11B2	8	143999226	IDHwt
22843	CYP11B2	8	143999226	IDHwt_priGBM
22844	CYP11B2	8	143999226	LGG GBM
22845	CYP11B2	8	143999226	Mesenchymal_like
22846	ZC3H3	8	144522252	melanoma
22847	ZC3H3	8	144620785	melanoma
22848	NAPRT	8	144657598	melanoma
22849	NAPRT	8	144657598	melanoma
22850	NAPRT	8	144657598	melanoma
22851	EEF1D	8	144672235	melanoma

22852	TIGD5	8	144681407	melanoma
22853	TSTA3	8	144698314	melanoma
22854	TSTA3	8	144698314	melanoma
22855	TSTA3	8	144698833	melanoma
22856	TSTA3	8	144698833	melanoma
22857	ZNF623	8	144732785	melanoma
22858	ZNF623	8	144733160	melanoma
22859	CCDC166	8	144789673	bladder
22860	MAPK15	8	144801061	melanoma
22861	MAPK15	8	144801061	melanoma
22862	MAPK15	8	144802958	melanoma
22863	MAPK15	8	144803839	melanoma
22864	FAM83H	8	144808269	IDHwt_priGBM2
22865	FAM83H	8	144808905	melanoma
22866	FAM83H	8	144810070	melanoma
22867	FAM83H	8	144812632	melanoma
22868	SCRIB	8	144891029	melanoma
22869	SCRIB	8	144891029	melanoma
22870	SCRIB	8	144891029	melanoma
22871	PUF60	8	144898886	lung
22872	PUF60	8	144900640	melanoma
22873	NRBP2	8	144919428	melanoma
22874	EPPK1	8	144940374	melanoma
22875	EPPK1	8	144940598	melanoma
22876	EPPK1	8	144940598	melanoma
22877	EPPK1	8	144941418	melanoma
22878	EPPK1	8	144941624	Astr
22879	EPPK1	8	144941624	Classic
22880	EPPK1	8	144941624	IDHwt
22881	EPPK1	8	144941624	LGG GBM
22882	EPPK1	8	144941624	Mesenchymal_like
22883	EPPK1	8	144941742	melanoma
22884	EPPK1	8	144942437	melanoma
22885	EPPK1	8	144944976	melanoma
22886	EPPK1	8	144945189	Classic
22887	EPPK1	8	144945189	Gbm
22888	EPPK1	8	144945189	IDHwt
22889	EPPK1	8	144945189	IDHwt_priGBM
22890	EPPK1	8	144945189	LGG GBM
22891	EPPK1	8	144945189	Mesenchymal_like
22892	EPPK1	8	144945227	melanoma
22893	EPPK1	8	144945227	melanoma
22894	EPPK1	8	144945227	melanoma
22895	EPPK1	8	144945227	melanoma
22896	EPPK1	8	144945558	melanoma
22897	EPPK1	8	144947336	Gbm
22898	EPPK1	8	144947336	Gbm
22899	EPPK1	8	144947336	IDHwt
22900	EPPK1	8	144947336	IDHwt
22901	EPPK1	8	144947336	IDHwt_priGBM
22902	EPPK1	8	144947336	IDHwt_priGBM
22903	EPPK1	8	144947336	LGG GBM
22904	EPPK1	8	144947336	LGG GBM
22905	PLEC	8	144991438	melanoma
22906	PLEC	8	144992276	bladder
22907	PLEC	8	144993617	melanoma
22908	PLEC	8	144993617	melanoma
22909	PLEC	8	144994949	melanoma

22910	PLEC	8	144995732	Codel
22911	PLEC	8	144995732	IDHmut
22912	PLEC	8	144995732	IDHmut_codel
22913	PLEC	8	144995732	LGG GBM
22914	PLEC	8	144995732	Neural
22915	PLEC	8	144995732	OligoAstr
22916	PLEC	8	144998546	hnscc
22917	PLEC	8	145007212	Astr
22918	PLEC	8	145007212	Astr
22919	PLEC	8	145007212	GCIMP_low
22920	PLEC	8	145007212	GCIMP_low
22921	PLEC	8	145007212	IDHmut
22922	PLEC	8	145007212	IDHmut
22923	PLEC	8	145007212	IDHmut_noncodel
22924	PLEC	8	145007212	IDHmut_noncodel
22925	PLEC	8	145007212	LGG GBM
22926	PLEC	8	145007212	LGG GBM
22927	PLEC	8	145007212	Proneural
22928	PLEC	8	145007212	Proneural
22929	PARP10	8	145059355	melanoma
22930	GRINA	8	145066200	melanoma
22931	GRINA	8	145066721	melanoma
22932	SPATC1	8	145094830	melanoma
22933	SPATC1	8	145094830	melanoma
22934	SPATC1	8	145094831	melanoma
22935	SPATC1	8	145094831	melanoma
22936	SPATC1	8	145094831	melanoma
22937	SPATC1	8	145095029	melanoma
22938	SPATC1	8	145095029	melanoma
22939	SPATC1	8	145095874	Astr
22940	SPATC1	8	145095874	Astr
22941	SPATC1	8	145095874	GCIMP_low
22942	SPATC1	8	145095874	GCIMP_low
22943	SPATC1	8	145095874	IDHmut
22944	SPATC1	8	145095874	IDHmut
22945	SPATC1	8	145095874	IDHmut_noncodel
22946	SPATC1	8	145095874	IDHmut_noncodel
22947	SPATC1	8	145095874	LGG GBM
22948	SPATC1	8	145095874	LGG GBM
22949	SPATC1	8	145095874	Proneural
22950	SPATC1	8	145095874	Proneural
22951	OPLAH	8	145109994	melanoma
22952	OPLAH	8	145111084	melanoma
22953	OPLAH	8	145112207	melanoma
22954	EXOSC4	8	145133696	lung
22955	SHARPIN	8	145154030	melanoma
22956	MAF1	8	145161131	melanoma
22957	WDR97	8	145165334	melanoma
22958	MROH1	8	145267906	melanoma
22959	HSF1	8	145535786	melanoma
22960	DGAT1	8	145541235	bladder
22961	SCRT1	8	145557088	melanoma
22962	SCRT1	8	145559753	hnscc
22963	SLC52A2	8	145583726	melanoma
22964	SLC52A2	8	145583726	melanoma
22965	ADCK5	8	145615935	Gbm
22966	ADCK5	8	145615935	IDHwt
22967	ADCK5	8	145615935	IDHwt_priGBM

22968	ADCK5	8	145615935	LGG GBM
22969	ADCK5	8	145615935	Mesenchymal_like
22970	ADCK5	8	145616128	melanoma
22971	SLC39A4	8	145637974	lung
22972	SLC39A4	8	145637975	lung
22973	SLC39A4	8	145637975	lung
22974	SLC39A4	8	145637987	melanoma
22975	SLC39A4	8	145637987	melanoma
22976	TONSL	8	145661750	melanoma
22977	TONSL	8	145662013	Classic
22978	TONSL	8	145662013	Classic_like
22979	TONSL	8	145662013	Gbm
22980	TONSL	8	145662013	IDHwt
22981	TONSL	8	145662013	IDHwt_priGBM
22982	TONSL	8	145662013	LGG GBM
22983	CYHR1	8	145689722	melanoma
22984	KIFC2	8	145692620	melanoma
22985	KIFC2	8	145698673	melanoma
22986	PPP1R16A	8	145722831	lung
22987	GPT	8	145729779	melanoma
22988	GPT	8	145730461	melanoma
22989	GPT	8	145730461	melanoma
22990	GPT	8	145732379	melanoma
22991	LRRC14	8	145746678	Astr
22992	LRRC14	8	145746678	GCIMP_high
22993	LRRC14	8	145746678	IDHmut
22994	LRRC14	8	145746678	IDHmut_noncodel
22995	LRRC14	8	145746678	LGG GBM
22996	LRRC14	8	145746678	Proneural
22997	LRRC14	8	145746686	melanoma
22998	ARHGAP39	8	145758594	melanoma
22999	ARHGAP39	8	145758594	melanoma
23000	ARHGAP39	8	145773613	melanoma
23001	ZNF517	8	146033211	melanoma
23002	ZNF7	8	146068261	lung
23003	ZNF7	8	146068294	Astr
23004	ZNF7	8	146068294	GCIMP_high
23005	ZNF7	8	146068294	IDHmut
23006	ZNF7	8	146068294	IDHmut_noncodel
23007	ZNF7	8	146068294	LGG GBM
23008	ZNF7	8	146068294	Proneural
23009	ZNF16	8	146157733	melanoma
23010	CBWD1	9	164034	bladder
23011	DOCK8	9	371468	GCIMP_high
23012	DOCK8	9	371468	IDHmut
23013	DOCK8	9	371468	IDHmut_noncodel
23014	DOCK8	9	371468	LGG GBM
23015	DOCK8	9	371468	OligoAstr
23016	DOCK8	9	372209	melanoma
23017	DOCK8	9	418080	lung
23018	DOCK8	9	429753	melanoma
23019	DOCK8	9	439344	Gbm
23020	DOCK8	9	439344	Gbm
23021	DOCK8	9	439344	IDHwt
23022	DOCK8	9	439344	IDHwt
23023	DOCK8	9	439344	IDHwt_priGBM
23024	DOCK8	9	439344	IDHwt_priGBM
23025	DOCK8	9	439344	LGG GBM

23026	DOCK8	9	439344	LGG GBM
23027	DOCK8	9	439344	LGm6_GBM
23028	DOCK8	9	439344	LGm6_GBM
23029	DOCK8	9	463659	Astr
23030	DOCK8	9	463659	IDHwt
23031	DOCK8	9	463659	LGG GBM
23032	DOCK8	9	463659	Mesenchymal_like
23033	KANK1	9	710924	lung
23034	KANK1	9	711134	melanoma
23035	KANK1	9	711134	melanoma
23036	KANK1	9	730069	Gbm
23037	KANK1	9	730069	IDHwt
23038	KANK1	9	730069	IDHwt_priGBM
23039	KANK1	9	730069	LGG GBM
23040	KANK1	9	730069	LGm6_GBM
23041	KANK1	9	730069	Proneural
23042	SMARCA2	9	2161819	melanoma
23043	SMARCA2	9	2181573	bladder
23044	KCNV2	9	2718239	bladder
23045	KCNV2	9	2718239	bladder
23046	PUM3	9	2829886	Codel
23047	PUM3	9	2829886	Codel
23048	PUM3	9	2829886	IDHmut
23049	PUM3	9	2829886	IDHmut
23050	PUM3	9	2829886	IDHmut_codel
23051	PUM3	9	2829886	IDHmut_codel
23052	PUM3	9	2829886	LGG GBM
23053	PUM3	9	2829886	LGG GBM
23054	PUM3	9	2829886	Oligo
23055	PUM3	9	2829886	Oligo
23056	PUM3	9	2829886	Proneural
23057	PUM3	9	2829886	Proneural
23058	RFX3	9	3248079	melanoma
23059	RFX3	9	3270395	melanoma
23060	RFX3	9	3293137	melanoma
23061	RFX3	9	3293137	melanoma
23062	GLIS3	9	3829399	melanoma
23063	GLIS3	9	3898784	Codel
23064	GLIS3	9	3898784	IDHmut
23065	GLIS3	9	3898784	IDHmut_codel
23066	GLIS3	9	3898784	LGG GBM
23067	GLIS3	9	3898784	Neural
23068	GLIS3	9	3898784	Oligo
23069	GLIS3	9	4286155	Codel
23070	GLIS3	9	4286155	IDHmut
23071	GLIS3	9	4286155	IDHmut_codel
23072	GLIS3	9	4286155	LGG GBM
23073	GLIS3	9	4286155	Oligo
23074	GLIS3	9	4286155	Proneural
23075	SPATA6L	9	4604202	melanoma
23076	SPATA6L	9	4625502	melanoma
23077	JAK2	9	5050708	melanoma
23078	INSL6	9	5185586	Gbm
23079	INSL6	9	5185586	IDHwt
23080	INSL6	9	5185586	IDHwt_priGBM
23081	INSL6	9	5185586	LGG GBM
23082	INSL6	9	5185586	Neural
23083	INSL4	9	5231654	melanoma

23084	RLN2	9	5300428	melanoma
23085	CD274	9	5463101	melanoma
23086	CD274	9	5463101	melanoma
23087	CD274	9	5463101	melanoma
23088	PDCD1LG2	9	5534942	bladder
23089	PDCD1LG2	9	5549574	melanoma
23090	PDCD1LG2	9	5549574	melanoma
23091	RIC1	9	5754925	melanoma
23092	KIAA2026	9	5921450	melanoma
23093	RANBP6	9	6014851	lung
23094	IL33	9	6252872	melanoma
23095	PTPRD	9	8341178	Gbm
23096	PTPRD	9	8341178	IDHwt
23097	PTPRD	9	8341178	IDHwt_priGBM
23098	PTPRD	9	8341178	LGG GBM
23099	PTPRD	9	8341178	Mesenchymal_like
23100	PTPRD	9	8341955	lung
23101	PTPRD	9	8375966	melanoma
23102	PTPRD	9	8389236	melanoma
23103	PTPRD	9	8389236	melanoma
23104	PTPRD	9	8389318	Gbm
23105	PTPRD	9	8389318	IDHwt
23106	PTPRD	9	8389318	IDHwt_priGBM
23107	PTPRD	9	8389318	LGG GBM
23108	PTPRD	9	8389318	LGM6_GBM
23109	PTPRD	9	8500886	melanoma
23110	PTPRD	9	8517925	melanoma
23111	PTPRD	9	8518099	melanoma
23112	PTPRD	9	8518214	melanoma
23113	PTPRD	9	8518223	melanoma
23114	MPDZ	9	13108990	Astr
23115	MPDZ	9	13108990	IDHwt
23116	MPDZ	9	13108990	LGG GBM
23117	MPDZ	9	13108990	Mesenchymal_like
23118	MPDZ	9	13115329	melanoma
23119	CER1	9	14720199	melanoma
23120	CER1	9	14720219	melanoma
23121	CER1	9	14720219	melanoma
23122	FREM1	9	14750233	melanoma
23123	FREM1	9	14769737	melanoma
23124	FREM1	9	14776032	melanoma
23125	FREM1	9	14784500	melanoma
23126	FREM1	9	14792766	melanoma
23127	FREM1	9	14792854	melanoma
23128	FREM1	9	14792854	melanoma
23129	FREM1	9	14792854	melanoma
23130	TTC39B	9	15177734	melanoma
23131	TTC39B	9	15182385	melanoma
23132	SNAPC3	9	15459757	GCIMP_high
23133	SNAPC3	9	15459757	IDHmut
23134	SNAPC3	9	15459757	IDHmut_noncodel
23135	SNAPC3	9	15459757	LGG GBM
23136	BNC2	9	16436507	melanoma
23137	BNC2	9	16436780	melanoma
23138	BNC2	9	16437365	bladder
23139	BNC2	9	16727868	melanoma
23140	ADAMTSL1	9	18504881	melanoma
23141	ADAMTSL1	9	18753357	hnscc

23142	ADAMTSL1	9	18753357	hnscc
23143	ADAMTSL1	9	18753392	melanoma
23144	ADAMTSL1	9	18777148	melanoma
23145	ADAMTSL1	9	18887910	melanoma
23146	ADAMTSL1	9	18892394	melanoma
23147	DENND4C	9	19360308	melanoma
23148	RPS6	9	19376304	melanoma
23149	RPS6	9	19376304	melanoma
23150	SLC24A2	9	19520913	melanoma
23151	SLC24A2	9	19786072	melanoma
23152	SLC24A2	9	19786072	melanoma
23153	SLC24A2	9	19786305	melanoma
23154	FOCAD	9	20944693	melanoma
23155	FOCAD	9	20944693	melanoma
23156	IFNB1	9	21077361	melanoma
23157	IFNB1	9	21077361	melanoma
23158	IFNW1	9	21141019	Gbm
23159	IFNW1	9	21141019	GCIMP_low
23160	IFNW1	9	21141019	IDHmut
23161	IFNW1	9	21141019	IDHmut_noncodel
23162	IFNW1	9	21141019	LGG GBM
23163	IFNW1	9	21141019	Proneural
23164	IFNW1	9	21141329	melanoma
23165	IFNA21	9	21166376	Codel
23166	IFNA21	9	21166376	IDHmut
23167	IFNA21	9	21166376	IDHmut_codel
23168	IFNA21	9	21166376	LGG GBM
23169	IFNA21	9	21166376	Oligo
23170	IFNA4	9	21187010	lung
23171	IFNA10	9	21206553	bladder
23172	IFNA10	9	21206570	melanoma
23173	IFNA10	9	21206570	melanoma
23174	IFNA10	9	21206570	melanoma
23175	IFNA17	9	21227761	melanoma
23176	IFNA17	9	21227940	melanoma
23177	IFNA17	9	21228010	melanoma
23178	KLHL9	9	21333994	bladder
23179	IFNA6	9	21350735	melanoma
23180	IFNA8	9	21409416	melanoma
23181	IFNA8	9	21409416	melanoma
23182	CDKN2A	9	21971017	melanoma
23183	CDKN2A	9	21971017	melanoma
23184	CDKN2A	9	21971017	melanoma
23185	CDKN2A	9	21971017	melanoma
23186	CDKN2A	9	21971017	melanoma
23187	CDKN2A	9	21971017	melanoma
23188	CDKN2A	9	21971111	lung
23189	DMRTA1	9	22451407	melanoma
23190	DMRTA1	9	22451627	Codel
23191	DMRTA1	9	22451627	Codel
23192	DMRTA1	9	22451627	IDHmut
23193	DMRTA1	9	22451627	IDHmut
23194	DMRTA1	9	22451627	IDHmut_codel
23195	DMRTA1	9	22451627	IDHmut_codel
23196	DMRTA1	9	22451627	LGG GBM
23197	DMRTA1	9	22451627	LGG GBM
23198	DMRTA1	9	22451627	Oligo
23199	DMRTA1	9	22451627	Oligo

23200	DMRTA1	9	22451627	Proneural
23201	DMRTA1	9	22451627	Proneural
23202	TEK	9	27169582	melanoma
23203	TEK	9	27197325	melanoma
23204	TEK	9	27204966	melanoma
23205	TEK	9	27229172	Gbm
23206	TEK	9	27229172	IDHwt
23207	TEK	9	27229172	IDHwt_priGBM
23208	TEK	9	27229172	LGG GBM
23209	TEK	9	27229172	Mesenchymal
23210	LINGO2	9	27949066	melanoma
23211	LINGO2	9	27949714	melanoma
23212	LINGO2	9	27949714	melanoma
23213	LINGO2	9	27950347	Classic
23214	LINGO2	9	27950347	Classic like
23215	LINGO2	9	27950347	Gbm
23216	LINGO2	9	27950347	IDHwt
23217	LINGO2	9	27950347	IDHwt_priGBM
23218	LINGO2	9	27950347	LGG GBM
23219	ACO1	9	32407303	melanoma
23220	ACO1	9	32430464	melanoma
23221	ACO1	9	32436306	melanoma
23222	TOPORS	9	32543067	melanoma
23223	TOPORS	9	32543467	Gbm
23224	TOPORS	9	32543467	IDHwt
23225	TOPORS	9	32543467	IDHwt_priGBM
23226	TOPORS	9	32543467	LGG GBM
23227	TOPORS	9	32543467	Mesenchymal like
23228	TAF1L	9	32630579	Gbm
23229	TAF1L	9	32630579	Gbm
23230	TAF1L	9	32630579	IDHwt
23231	TAF1L	9	32630579	IDHwt
23232	TAF1L	9	32630579	IDHwt_priGBM
23233	TAF1L	9	32630579	IDHwt_priGBM
23234	TAF1L	9	32630579	LGG GBM
23235	TAF1L	9	32630579	LGG GBM
23236	TAF1L	9	32630579	Mesenchymal
23237	TAF1L	9	32630579	Mesenchymal
23238	TAF1L	9	32630579	Mesenchymal like
23239	TAF1L	9	32630579	Mesenchymal like
23240	TAF1L	9	32630692	melanoma
23241	TAF1L	9	32632729	melanoma
23242	TAF1L	9	32632772	melanoma
23243	TAF1L	9	32633465	melanoma
23244	TAF1L	9	32633905	Gbm
23245	TAF1L	9	32633905	IDHwt
23246	TAF1L	9	32633905	IDHwt_priGBM
23247	TAF1L	9	32633905	LGG GBM
23248	TAF1L	9	32633905	Mesenchymal
23249	TAF1L	9	32633905	Mesenchymal like
23250	TMEM215	9	32784245	IDHwt_priGBM2
23251	DNAJA1	9	33030518	melanoma
23252	DNAJA1	9	33037066	GCIMP_low
23253	DNAJA1	9	33037066	IDHmut
23254	DNAJA1	9	33037066	IDHmut_noncodel
23255	DNAJA1	9	33037066	LGG GBM
23256	SMU1	9	33073637	melanoma
23257	NFX1	9	33295057	melanoma

23258	NFX1	9	33351733	lung
23259	NFX1	9	33351733	lung
23260	NFX1	9	33354098	melanoma
23261	NFX1	9	33354098	melanoma
23262	NFX1	9	33354098	melanoma
23263	AQP7	9	33385198	hnscc
23264	AQP7	9	33385821	Astr
23265	AQP7	9	33385821	GCIMP_low
23266	AQP7	9	33385821	IDHmut
23267	AQP7	9	33385821	IDHmut_noncodel
23268	AQP7	9	33385821	LGG GBM
23269	AQP7	9	33386113	melanoma
23270	NOL6	9	33468846	melanoma
23271	NOL6	9	33469054	melanoma
23272	NOL6	9	33470073	lung
23273	NOL6	9	33470078	melanoma
23274	NOL6	9	33470078	melanoma
23275	ANKRD18B	9	33524623	bladder
23276	UBAP2	9	33924230	melanoma
23277	DCAF12	9	34088475	melanoma
23278	UBAP1	9	34234282	melanoma
23279	KIF24	9	34310786	melanoma
23280	NUDT2	9	34343182	Classic_like
23281	NUDT2	9	34343182	Gbm
23282	NUDT2	9	34343182	IDHwt
23283	NUDT2	9	34343182	IDHwt_priGBM
23284	NUDT2	9	34343182	LGG GBM
23285	ARID3C	9	34627728	melanoma
23286	CCL27	9	34662576	lung
23287	CCL27	9	34662576	lung
23288	C9orf131	9	35044511	melanoma
23289	C9orf131	9	35045513	melanoma
23290	C9orf131	9	35045513	melanoma
23291	VCP	9	35059111	hnscc
23292	VCP	9	35059111	hnscc
23293	PIGO	9	35090480	melanoma
23294	FAM214B	9	35106277	melanoma
23295	FAM214B	9	35107992	Astr
23296	FAM214B	9	35107992	Classic
23297	FAM214B	9	35107992	Classic_like
23298	FAM214B	9	35107992	IDHwt
23299	FAM214B	9	35107992	LGG GBM
23300	FAM214B	9	35108147	Gbm
23301	FAM214B	9	35108147	IDHwt
23302	FAM214B	9	35108147	IDHwt_priGBM
23303	FAM214B	9	35108147	LGG GBM
23304	FAM214B	9	35108147	Mesenchymal_like
23305	FAM214B	9	35108147	Neural
23306	FAM214B	9	35108147	IDHwt_priGBM2
23307	UNC13B	9	35403583	bladder
23308	RUSC2	9	35548320	melanoma
23309	RUSC2	9	35560033	lung
23310	RUSC2	9	35560033	lung
23311	CD72	9	35618248	melanoma
23312	TPM2	9	35685321	Astr
23313	TPM2	9	35685321	GCIMP_high
23314	TPM2	9	35685321	IDHmut
23315	TPM2	9	35685321	IDHmut_noncodel

23316	TPM2	9	35685321	LGG GBM
23317	TPM2	9	35685321	Proneural
23318	TLN1	9	35711722	melanoma
23319	TLN1	9	35713277	lung
23320	TLN1	9	35713277	lung
23321	TLN1	9	35717692	melanoma
23322	RGP1	9	35749850	bladder
23323	RGP1	9	35749850	bladder
23324	RGP1	9	35751692	melanoma
23325	RGP1	9	35751692	melanoma
23326	NPR2	9	35801927	melanoma
23327	TMEM8B	9	35846954	melanoma
23328	TMEM8B	9	35852947	melanoma
23329	TMEM8B	9	35853153	melanoma
23330	RECK	9	36108028	Classic like
23331	RECK	9	36108028	Gbm
23332	RECK	9	36108028	IDHwt
23333	RECK	9	36108028	IDHwt_priGBM
23334	RECK	9	36108028	LGG GBM
23335	GNE	9	36249366	melanoma
23336	RNF38	9	36390472	melanoma
23337	RNF38	9	36390472	melanoma
23338	MELK	9	36607633	melanoma
23339	MELK	9	36607633	melanoma
23340	MELK	9	36665479	bladder
23341	MELK	9	36665479	bladder
23342	PAX5	9	37006506	melanoma
23343	PAX5	9	37020754	Classic like
23344	PAX5	9	37020754	Gbm
23345	PAX5	9	37020754	IDHwt
23346	PAX5	9	37020754	IDHwt_priGBM
23347	PAX5	9	37020754	LGG GBM
23348	ZCCHC7	9	37327823	melanoma
23349	ZCCHC7	9	37357152	lung
23350	GRHPR	9	37429761	melanoma
23351	POLR1E	9	37486730	melanoma
23352	POLR1E	9	37486730	melanoma
23353	POLR1E	9	37486730	melanoma
23354	POLR1E	9	37500851	GCIMP_high
23355	POLR1E	9	37500851	IDHmut
23356	POLR1E	9	37500851	IDHmut_noncodel
23357	POLR1E	9	37500851	LGG GBM
23358	POLR1E	9	37500851	Proneural
23359	POLR1E	9	37501787	melanoma
23360	POLR1E	9	37501787	melanoma
23361	FRMPD1	9	37731096	lung
23362	FRMPD1	9	37735582	lung
23363	FRMPD1	9	37740695	melanoma
23364	FRMPD1	9	37740771	melanoma
23365	FRMPD1	9	37744757	melanoma
23366	FRMPD1	9	37745978	lung
23367	SHB	9	37955917	melanoma
23368	ALDH1B1	9	38396461	melanoma
23369	ALDH1B1	9	38396461	melanoma
23370	ANKRD18A	9	38615649	melanoma
23371	CNTNAP3	9	39103765	bladder
23372	CNTNAP3	9	39177346	melanoma
23373	ZNF658	9	40774536	bladder

23374	ZNF658	9	40774889	melanoma
23375	ZNF658	9	40774986	melanoma
23376	ZNF658	9	40774986	melanoma
23377	SPATA31A6	9	43627365	bladder
23378	SPATA31A6	9	43627800	melanoma
23379	SPATA31A6	9	43628658	Classic_like
23380	SPATA31A6	9	43628658	Gbm
23381	SPATA31A6	9	43628658	IDHwt
23382	SPATA31A6	9	43628658	IDHwt_priGBM
23383	SPATA31A6	9	43628658	LGG GBM
23384	SPATA31A6	9	43628658	Proneural
23385	CBWD3	9	70871881	melanoma
23386	PIP5K1B	9	71491654	melanoma
23387	PIP5K1B	9	71509480	bladder
23388	FAM189A2	9	71992582	melanoma
23389	FAM189A2	9	71998599	IDHwt_priGBM2
23390	APBA1	9	72064538	melanoma
23391	PTAR1	9	72338257	melanoma
23392	PTAR1	9	72365702	melanoma
23393	C9orf135	9	72471561	melanoma
23394	MAMDC2	9	72741285	melanoma
23395	SMC5	9	72938998	melanoma
23396	SMC5	9	72965347	melanoma
23397	KLF9	9	73027912	Codel
23398	KLF9	9	73027912	Codel
23399	KLF9	9	73027912	IDHmut
23400	KLF9	9	73027912	IDHmut
23401	KLF9	9	73027912	IDHmut_codel
23402	KLF9	9	73027912	IDHmut_codel
23403	KLF9	9	73027912	LGG GBM
23404	KLF9	9	73027912	LGG GBM
23405	KLF9	9	73027912	Oligo
23406	KLF9	9	73027912	Oligo
23407	TRPM3	9	73151537	melanoma
23408	TRPM3	9	73151989	bladder
23409	TRPM3	9	73151989	bladder
23410	TRPM3	9	73213382	melanoma
23411	TRPM3	9	73213382	melanoma
23412	TRPM3	9	73213424	Gbm
23413	TRPM3	9	73213424	Gbm
23414	TRPM3	9	73213424	IDHwt
23415	TRPM3	9	73213424	IDHwt
23416	TRPM3	9	73213424	IDHwt_priGBM
23417	TRPM3	9	73213424	IDHwt_priGBM
23418	TRPM3	9	73213424	LGG GBM
23419	TRPM3	9	73213424	LGG GBM
23420	TRPM3	9	73213424	Mesenchymal
23421	TRPM3	9	73213424	Mesenchymal
23422	TRPM3	9	73213424	Mesenchymal_like
23423	TRPM3	9	73213424	Mesenchymal_like
23424	TRPM3	9	73225545	melanoma
23425	TRPM3	9	73225545	melanoma
23426	TRPM3	9	73225545	melanoma
23427	TRPM3	9	73225545	melanoma
23428	TMEM2	9	74300691	melanoma
23429	TMEM2	9	74324204	melanoma
23430	TMEM2	9	74324239	Gbm
23431	TMEM2	9	74324239	GCIMP_low

23432	TMEM2	9	74324239	IDHmut
23433	TMEM2	9	74324239	IDHmut_noncode1
23434	TMEM2	9	74324239	LGG GBM
23435	TMEM2	9	74324239	Proneural
23436	TMEM2	9	74345061	Gbm
23437	TMEM2	9	74345061	IDHwt
23438	TMEM2	9	74345061	IDHwt_priGBM
23439	TMEM2	9	74345061	LGG GBM
23440	TMEM2	9	74345123	melanoma
23441	TMEM2	9	74349793	melanoma
23442	GDA	9	74838075	melanoma
23443	GDA	9	74856128	melanoma
23444	GDA	9	74860192	bladder
23445	GDA	9	74860192	bladder
23446	GDA	9	74863239	Classic_like
23447	GDA	9	74863239	Gbm
23448	GDA	9	74863239	IDHwt
23449	GDA	9	74863239	IDHwt_priGBM
23450	GDA	9	74863239	LGG GBM
23451	GDA	9	74863239	Neural
23452	ZFAND5	9	74975047	lung
23453	TMC1	9	75387401	Gbm
23454	TMC1	9	75387401	Gbm
23455	TMC1	9	75387401	IDHwt
23456	TMC1	9	75387401	IDHwt
23457	TMC1	9	75387401	IDHwt_priGBM
23458	TMC1	9	75387401	IDHwt_priGBM
23459	TMC1	9	75387401	LGG GBM
23460	TMC1	9	75387401	LGG GBM
23461	TMC1	9	75387401	LGm6_GBM
23462	TMC1	9	75387401	LGm6_GBM
23463	TMC1	9	75387401	Proneural
23464	TMC1	9	75387401	Proneural
23465	ALDH1A1	9	75567900	Classic_like
23466	ALDH1A1	9	75567900	Gbm
23467	ALDH1A1	9	75567900	IDHwt
23468	ALDH1A1	9	75567900	IDHwt_priGBM
23469	ALDH1A1	9	75567900	LGG GBM
23470	ALDH1A1	9	75567900	Mesenchymal
23471	RORB	9	77249683	lung
23472	RORB	9	77282710	melanoma
23473	RORB	9	77282710	melanoma
23474	TRPM6	9	77347644	melanoma
23475	TRPM6	9	77353395	melanoma
23476	TRPM6	9	77376945	melanoma
23477	TRPM6	9	77377868	melanoma
23478	TRPM6	9	77378022	melanoma
23479	TRPM6	9	77427232	melanoma
23480	TRPM6	9	77427232	melanoma
23481	TRPM6	9	77427304	melanoma
23482	TRPM6	9	77427304	melanoma
23483	TRPM6	9	77436682	melanoma
23484	GCNT1	9	79117338	melanoma
23485	GCNT1	9	79117338	melanoma
23486	GCNT1	9	79117338	melanoma
23487	GCNT1	9	79117338	melanoma
23488	GCNT1	9	79117863	melanoma
23489	GCNT1	9	79117961	melanoma

23490	GCNT1	9	79118139	melanoma
23491	GCNT1	9	79118139	melanoma
23492	GCNT1	9	79118139	melanoma
23493	PRUNE2	9	79253193	melanoma
23494	PRUNE2	9	79320369	melanoma
23495	PRUNE2	9	79461512	bladder
23496	FOXB2	9	79635448	GCIMP_high
23497	FOXB2	9	79635448	IDHmut
23498	FOXB2	9	79635448	IDHmut_noncodel
23499	FOXB2	9	79635448	LGG GBM
23500	FOXB2	9	79635448	Neural
23501	FOXB2	9	79635448	Oligo
23502	VPS13A	9	79937994	melanoma
23503	VPS13A	9	79959187	melanoma
23504	CEP78	9	80881388	melanoma
23505	CEP78	9	80881388	melanoma
23506	PSAT1	9	80915527	melanoma
23507	TLE4	9	82188608	melanoma
23508	TLE4	9	82324611	melanoma
23509	TLE4	9	82336786	Astr
23510	TLE4	9	82336786	GCIMP_high
23511	TLE4	9	82336786	IDHmut
23512	TLE4	9	82336786	IDHmut_noncodel
23513	TLE4	9	82336786	LGG GBM
23514	TLE4	9	82337427	Astr
23515	TLE4	9	82337427	Classic
23516	TLE4	9	82337427	IDHwt
23517	TLE4	9	82337427	LGG GBM
23518	TLE4	9	82337427	Mesenchymal_like
23519	TLE1	9	84199379	bladder
23520	TLE1	9	84199379	bladder
23521	SPATA31D1	9	84606395	melanoma
23522	SPATA31D1	9	84606506	melanoma
23523	SPATA31D1	9	84606506	melanoma
23524	SPATA31D1	9	84606778	lung
23525	SPATA31D1	9	84607007	melanoma
23526	SPATA31D1	9	84607322	melanoma
23527	SPATA31D1	9	84607826	lung
23528	SPATA31D1	9	84607826	lung
23529	SPATA31D1	9	84608693	GCIMP_high
23530	SPATA31D1	9	84608693	IDHmut
23531	SPATA31D1	9	84608693	IDHmut_noncodel
23532	SPATA31D1	9	84608693	LGG GBM
23533	SPATA31D1	9	84608693	OligoAstr
23534	RASEF	9	85677356	melanoma
23535	RASEF	9	85677356	melanoma
23536	FRMD3	9	85863257	melanoma
23537	FRMD3	9	85924518	melanoma
23538	FRMD3	9	85950537	melanoma
23539	FRMD3	9	85964666	melanoma
23540	UBQLN1	9	86281332	melanoma
23541	UBQLN1	9	86281333	melanoma
23542	UBQLN1	9	86284182	melanoma
23543	GKAP1	9	86395310	melanoma
23544	KIF27	9	86485459	melanoma
23545	KIF27	9	86530349	lung
23546	KIF27	9	86530349	lung
23547	KIF27	9	86530349	lung

23548	C9orf64	9	86554458	melanoma
23549	HNRNPK	9	86587008	IDHwt_priGBM2
23550	HNRNPK	9	86587008	IDHwt_priGBM2
23551	HNRNPK	9	86587008	IDHwt_priGBM2
23552	SLC28A3	9	86912903	melanoma
23553	SLC28A3	9	86914552	melanoma
23554	NTRK2	9	87339247	melanoma
23555	NTRK2	9	87359914	lung
23556	AGTPBP1	9	88190308	melanoma
23557	AGTPBP1	9	88207504	melanoma
23558	NAA35	9	88632419	melanoma
23559	C9orf170	9	89763770	lung
23560	DAPK1	9	90301560	Astr
23561	DAPK1	9	90301560	Classic
23562	DAPK1	9	90301560	Classic_like
23563	DAPK1	9	90301560	IDHwt
23564	DAPK1	9	90301560	LGG GBM
23565	DAPK1	9	90321746	melanoma
23566	CTSL	9	90342952	melanoma
23567	SPATA31E1	9	90497994	melanoma
23568	SPATA31E1	9	90497994	melanoma
23569	SPATA31E1	9	90497994	melanoma
23570	SPATA31E1	9	90499869	melanoma
23571	SPATA31E1	9	90499869	melanoma
23572	SPATA31E1	9	90499959	melanoma
23573	SPATA31E1	9	90500418	melanoma
23574	CDK20	9	90582411	melanoma
23575	CDK20	9	90585770	lung
23576	S1PR3	9	91616848	bladder
23577	S1PR3	9	91616848	bladder
23578	SHC3	9	91661779	melanoma
23579	SHC3	9	91661803	melanoma
23580	SHC3	9	91793140	melanoma
23581	SECISBP2	9	91940451	bladder
23582	SECISBP2	9	91940451	bladder
23583	DIRAS2	9	93375886	melanoma
23584	DIRAS2	9	93375886	melanoma
23585	DIRAS2	9	93375920	melanoma
23586	SYK	9	93624595	melanoma
23587	SYK	9	93650881	melanoma
23588	NFIL3	9	94172272	Gbm
23589	NFIL3	9	94172272	IDHwt
23590	NFIL3	9	94172272	IDHwt_priGBM
23591	NFIL3	9	94172272	LGG GBM
23592	NFIL3	9	94172272	Mesenchymal
23593	NFIL3	9	94172272	Mesenchymal_like
23594	ROR2	9	94486131	melanoma
23595	ROR2	9	94486585	melanoma
23596	ROR2	9	94486585	melanoma
23597	SPTLC1	9	94877606	lung
23598	IARS	9	94973163	melanoma
23599	IARS	9	95019006	melanoma
23600	IARS	9	95022437	melanoma
23601	IARS	9	95050515	Gbm
23602	IARS	9	95050515	IDHwt
23603	IARS	9	95050515	IDHwt_priGBM
23604	IARS	9	95050515	LGG GBM
23605	IARS	9	95050515	LGm6_GBM

23606	IARS	9	95050515	Proneural
23607	ZNF484	9	95609601	melanoma
23608	ZNF484	9	95609679	melanoma
23609	ZNF484	9	95610329	melanoma
23610	ZNF484	9	95610332	melanoma
23611	FGD3	9	95782680	melanoma
23612	FGD3	9	95796830	melanoma
23613	NINJ1	9	95888694	melanoma
23614	WNK2	9	96019353	melanoma
23615	WNK2	9	96019353	melanoma
23616	WNK2	9	96054936	bladder
23617	WNK2	9	96055086	melanoma
23618	WNK2	9	96060263	hnscc
23619	C9orf129	9	96097804	melanoma
23620	PHF2	9	96416722	melanoma
23621	PHF2	9	96416722	melanoma
23622	PHF2	9	96438025	melanoma
23623	PTPDC1	9	96847020	lung
23624	PTPDC1	9	96859690	melanoma
23625	ZNF169	9	97054699	melanoma
23626	ZNF169	9	97054699	melanoma
23627	ZNF169	9	97062969	melanoma
23628	FBP1	9	97369162	melanoma
23629	FBP1	9	97380079	Classic
23630	FBP1	9	97380079	Classic_like
23631	FBP1	9	97380079	Gbm
23632	FBP1	9	97380079	IDHwt
23633	FBP1	9	97380079	IDHwt_priGBM
23634	FBP1	9	97380079	LGG GBM
23635	FBP1	9	97401510	lung
23636	C9orf3	9	97823061	lung
23637	C9orf3	9	97844981	melanoma
23638	FANCC	9	97864090	melanoma
23639	FANCC	9	97869484	melanoma
23640	FANCC	9	97869485	melanoma
23641	FANCC	9	97873780	bladder
23642	FANCC	9	97873780	bladder
23643	PTCH1	9	98212128	melanoma
23644	PTCH1	9	98232165	melanoma
23645	ERCC6L2	9	98774530	melanoma
23646	HABP4	9	99250426	bladder
23647	CDC14B	9	99314093	melanoma
23648	CDC14B	9	99314093	melanoma
23649	ZNF510	9	99522051	melanoma
23650	NUTM2G	9	99698732	melanoma
23651	CCDC180	9	100070335	lung
23652	CCDC180	9	100092759	lung
23653	CCDC180	9	100105686	melanoma
23654	CCDC180	9	100124629	melanoma
23655	CCDC180	9	100126341	Gbm
23656	CCDC180	9	100126341	IDHwt
23657	CCDC180	9	100126341	IDHwt_priGBM
23658	CCDC180	9	100126341	LGG GBM
23659	CCDC180	9	100126341	LGM6_GBM
23660	CCDC180	9	100126341	Mesenchymal
23661	TDRD7	9	100222479	lung
23662	TDRD7	9	100235814	Gbm
23663	TDRD7	9	100235814	GCIMP_low

23664	TDRD7	9	100235814	IDHmut
23665	TDRD7	9	100235814	IDHmut_noncode1
23666	TDRD7	9	100235814	LGG GBM
23667	TMOD1	9	100331231	melanoma
23668	NCBP1	9	100412869	melanoma
23669	NCBP1	9	100433477	melanoma
23670	TRMO	9	100667233	melanoma
23671	HEMGN	9	100693051	melanoma
23672	CORO2A	9	100919776	melanoma
23673	TBC1D2	9	100961848	melanoma
23674	TBC1D2	9	100971301	Gbm
23675	TBC1D2	9	100971301	IDHwt
23676	TBC1D2	9	100971301	IDHwt_priGBM
23677	TBC1D2	9	100971301	LGG GBM
23678	TBC1D2	9	100971301	Mesenchymal_like
23679	TBC1D2	9	100971301	Neural
23680	GABBR2	9	101168395	melanoma
23681	ANKS6	9	101507860	melanoma
23682	ANKS6	9	101507860	melanoma
23683	ANKS6	9	101518767	lung
23684	ANKS6	9	101530391	melanoma
23685	ANKS6	9	101530471	Gbm
23686	ANKS6	9	101530471	Gbm
23687	ANKS6	9	101530471	IDHwt
23688	ANKS6	9	101530471	IDHwt
23689	ANKS6	9	101530471	IDHwt_priGBM
23690	ANKS6	9	101530471	IDHwt_priGBM
23691	ANKS6	9	101530471	LGG GBM
23692	ANKS6	9	101530471	LGG GBM
23693	ANKS6	9	101530471	Mesenchymal
23694	ANKS6	9	101530471	Mesenchymal
23695	ANKS6	9	101530471	Mesenchymal_like
23696	ANKS6	9	101530471	Mesenchymal_like
23697	ANKS6	9	101536289	melanoma
23698	COL15A1	9	101767226	melanoma
23699	COL15A1	9	101814695	melanoma
23700	TGFBR1	9	101894974	melanoma
23701	TGFBR1	9	101900347	melanoma
23702	TGFBR1	9	101908834	lung
23703	SEC61B	9	101992630	melanoma
23704	NTD3-TMEFF1;TN	9	103271381	lung
23705	CAVIN4	9	103348156	melanoma
23706	CAVIN4	9	103348729	melanoma
23707	CAVIN4	9	103348729	melanoma
23708	PLPPR1	9	104048420	Astr
23709	PLPPR1	9	104048420	Classic
23710	PLPPR1	9	104048420	IDHwt
23711	PLPPR1	9	104048420	LGG GBM
23712	PLPPR1	9	104048420	Mesenchymal_like
23713	PLPPR1	9	104048435	melanoma
23714	BAAT	9	104133271	melanoma
23715	BAAT	9	104133583	bladder
23716	BAAT	9	104133583	bladder
23717	BAAT	9	104133583	bladder
23718	TMEM246	9	104238272	melanoma
23719	TMEM246	9	104238272	melanoma
23720	TMEM246	9	104238335	melanoma
23721	TMEM246	9	104238619	lung

23722	TMEM246	9	104238827	melanoma
23723	GRIN3A	9	104335625	melanoma
23724	GRIN3A	9	104432346	melanoma
23725	GRIN3A	9	104432655	melanoma
23726	GRIN3A	9	104433152	lung
23727	GRIN3A	9	104433152	lung
23728	GRIN3A	9	104433316	melanoma
23729	GRIN3A	9	104449050	melanoma
23730	GRIN3A	9	104499687	melanoma
23731	GRIN3A	9	104499687	melanoma
23732	GRIN3A	9	104499834	melanoma
23733	CYLC2	9	105763888	Classic
23734	CYLC2	9	105763888	Classic_like
23735	CYLC2	9	105763888	Gbm
23736	CYLC2	9	105763888	IDHwt
23737	CYLC2	9	105763888	IDHwt_priGBM
23738	CYLC2	9	105763888	LGG GBM
23739	SMC2	9	106880526	melanoma
23740	OR13F1	9	107267081	melanoma
23741	OR13F1	9	107267348	melanoma
23742	OR13C4	9	107288733	melanoma
23743	OR13C4	9	107289054	melanoma
23744	OR13C3	9	107298128	melanoma
23745	OR13C3	9	107298286	Classic
23746	OR13C3	9	107298286	Classic_like
23747	OR13C3	9	107298286	Gbm
23748	OR13C3	9	107298286	IDHwt
23749	OR13C3	9	107298286	IDHwt_priGBM
23750	OR13C3	9	107298286	LGG GBM
23751	OR13C3	9	107298727	melanoma
23752	OR13C3	9	107298727	melanoma
23753	OR13C3	9	107298805	melanoma
23754	OR13C3	9	107298805	melanoma
23755	OR13C3	9	107298805	melanoma
23756	OR13C8	9	107331720	lung
23757	OR13C8	9	107331720	lung
23758	OR13C8	9	107332133	melanoma
23759	OR13C8	9	107332134	melanoma
23760	OR13C8	9	107332134	melanoma
23761	OR13C8	9	107332290	melanoma
23762	OR13C5	9	107360930	melanoma
23763	OR13C5	9	107360930	melanoma
23764	OR13C5	9	107360942	bladder
23765	OR13C5	9	107361157	melanoma
23766	OR13C5	9	107361417	melanoma
23767	OR13C2	9	107367329	melanoma
23768	OR13C2	9	107367631	melanoma
23769	OR13C2	9	107367631	melanoma
23770	OR13C2	9	107367631	melanoma
23771	OR13C9	9	107379948	melanoma
23772	OR13C9	9	107379948	melanoma
23773	OR13C9	9	107380019	melanoma
23774	OR13C9	9	107380208	melanoma
23775	OR13D1	9	107457694	lung
23776	ABCA1	9	107547875	melanoma
23777	ABCA1	9	107562259	melanoma
23778	ABCA1	9	107578458	melanoma
23779	ABCA1	9	107581953	melanoma

23780	SLC44A1	9	108127819	melanoma
23781	FKTN	9	108366617	bladder
23782	FKTN	9	108366617	bladder
23783	TMEM38B	9	108536321	bladder
23784	ZNF462	9	109688880	melanoma
23785	ZNF462	9	109689300	melanoma
23786	ZNF462	9	109690335	lung
23787	RAD23B	9	110086243	melanoma
23788	RAD23B	9	110086243	melanoma
23789	KLF4	9	110248186	lung
23790	ACTL7B	9	111617526	lung
23791	ACTL7B	9	111617820	melanoma
23792	ACTL7B	9	111617820	melanoma
23793	ACTL7A	9	111625389	melanoma
23794	ELP1	9	111640969	melanoma
23795	ELP1	9	111659518	Classic
23796	ELP1	9	111659518	Classic_like
23797	ELP1	9	111659518	Gbm
23798	ELP1	9	111659518	IDHwt
23799	ELP1	9	111659518	IDHwt_priGBM
23800	ELP1	9	111659518	LGG GBM
23801	CTNNA1	9	111735083	bladder
23802	CTNNA1	9	111775595	melanoma
23803	EPB41L4B	9	112018104	melanoma
23804	EPB41L4B	9	112018104	melanoma
23805	EPB41L4B	9	112018104	melanoma
23806	EPB41L4B	9	112020521	melanoma
23807	PTPN3	9	112144045	lung
23808	PTPN3	9	112189356	Classic_like
23809	PTPN3	9	112189356	Gbm
23810	PTPN3	9	112189356	IDHwt
23811	PTPN3	9	112189356	IDHwt_priGBM
23812	PTPN3	9	112189356	LGG GBM
23813	PALM2	9	112705283	melanoma
23814	TXNDC8	9	113066763	melanoma
23815	SVEP1	9	113166687	melanoma
23816	SVEP1	9	113168891	lung
23817	SVEP1	9	113169932	melanoma
23818	SVEP1	9	113170397	melanoma
23819	SVEP1	9	113171006	melanoma
23820	SVEP1	9	113171158	Gbm
23821	SVEP1	9	113171158	Gbm
23822	SVEP1	9	113171158	IDHwt
23823	SVEP1	9	113171158	IDHwt
23824	SVEP1	9	113171158	IDHwt_priGBM
23825	SVEP1	9	113171158	IDHwt_priGBM
23826	SVEP1	9	113171158	LGG GBM
23827	SVEP1	9	113171158	LGG GBM
23828	SVEP1	9	113171158	Mesenchymal_like
23829	SVEP1	9	113171158	Mesenchymal_like
23830	SVEP1	9	113228219	melanoma
23831	SVEP1	9	113233725	melanoma
23832	SVEP1	9	113312281	lung
23833	MUSK	9	113457691	melanoma
23834	MUSK	9	113459633	melanoma
23835	MUSK	9	113538141	melanoma
23836	MUSK	9	113547149	melanoma
23837	MUSK	9	113547197	melanoma

23838	MUSK	9	113547874	melanoma
23839	MUSK	9	113547874	melanoma
23840	MUSK	9	113547875	melanoma
23841	MUSK	9	113547875	melanoma
23842	MUSK	9	113562660	melanoma
23843	MUSK	9	113562660	melanoma
23844	LPAR1	9	113704247	melanoma
23845	LPAR1	9	113704247	melanoma
23846	OR2K2	9	114089858	melanoma
23847	KIAA0368	9	114135597	melanoma
23848	KIAA0368	9	114136282	melanoma
23849	KIAA0368	9	114145569	lung
23850	KIAA0368	9	114151892	lung
23851	ZNF483	9	114289764	melanoma
23852	UGCG	9	114694613	melanoma
23853	SUSD1	9	114820943	lung
23854	SUSD1	9	114820943	lung
23855	SUSD1	9	114820943	lung
23856	SUSD1	9	114874102	Gbm
23857	SUSD1	9	114874102	IDHwt
23858	SUSD1	9	114874102	IDHwt_priGBM
23859	SUSD1	9	114874102	LGG GBM
23860	PTBP3	9	114986201	IDHwt_priGBM2
23861	PTBP3	9	114989706	GCIMP_high
23862	PTBP3	9	114989706	IDHmut
23863	PTBP3	9	114989706	IDHmut_noncodel
23864	PTBP3	9	114989706	LGG GBM
23865	PTBP3	9	114989706	OligoAstr
23866	PTBP3	9	114989706	Proneural
23867	KIAA1958	9	115421564	melanoma
23868	KIAA1958	9	115421564	melanoma
23869	SNX30	9	115580093	Classic_like
23870	SNX30	9	115580093	Classic_like
23871	SNX30	9	115580093	Gbm
23872	SNX30	9	115580093	Gbm
23873	SNX30	9	115580093	IDHwt
23874	SNX30	9	115580093	IDHwt
23875	SNX30	9	115580093	IDHwt_priGBM
23876	SNX30	9	115580093	IDHwt_priGBM
23877	SNX30	9	115580093	LGG GBM
23878	SNX30	9	115580093	LGG GBM
23879	SNX30	9	115580093	Proneural
23880	SNX30	9	115580093	Proneural
23881	FKBP15	9	115932878	melanoma
23882	BSPRY	9	116132021	melanoma
23883	RGS3	9	116356260	melanoma
23884	RGS3	9	116356285	melanoma
23885	AMBP	9	116836411	melanoma
23886	COL27A1	9	116931199	melanoma
23887	COL27A1	9	117012905	melanoma
23888	COL27A1	9	117012905	melanoma
23889	COL27A1	9	117012922	lung
23890	COL27A1	9	117014903	Gbm
23891	COL27A1	9	117014903	IDHwt
23892	COL27A1	9	117014903	IDHwt_priGBM
23893	COL27A1	9	117014903	LGG GBM
23894	COL27A1	9	117014903	Mesenchymal
23895	COL27A1	9	117014903	Mesenchymal_like

23896	COL27A1	9	117071558	Gbm
23897	COL27A1	9	117071558	IDHwt
23898	COL27A1	9	117071558	IDHwt_priGBM
23899	COL27A1	9	117071558	LGG GBM
23900	COL27A1	9	117071558	Proneural
23901	ORM2	9	117094129	melanoma
23902	AKNA	9	117099371	Classic
23903	AKNA	9	117099371	Gbm
23904	AKNA	9	117099371	IDHwt
23905	AKNA	9	117099371	IDHwt_priGBM
23906	AKNA	9	117099371	LGG GBM
23907	AKNA	9	117099371	Mesenchymal_like
23908	AKNA	9	117129908	melanoma
23909	WHRN	9	117168685	melanoma
23910	WHRN	9	117168905	melanoma
23911	TNFSF15	9	117568108	melanoma
23912	TNFSF15	9	117568260	melanoma
23913	TNFSF8	9	117680387	melanoma
23914	TNFSF8	9	117692426	lung
23915	TNFSF8	9	117692461	bladder
23916	TNC	9	117800548	melanoma
23917	TNC	9	117800548	melanoma
23918	TNC	9	117808718	melanoma
23919	TNC	9	117808718	melanoma
23920	TNC	9	117808718	melanoma
23921	TNC	9	117808814	melanoma
23922	TNC	9	117810767	melanoma
23923	TNC	9	117819437	melanoma
23924	TNC	9	117853113	melanoma
23925	PAPPA	9	118949756	melanoma
23926	PAPPA	9	118949756	melanoma
23927	PAPPA	9	118950233	melanoma
23928	PAPPA	9	118982254	lung
23929	PAPPA	9	118997552	melanoma
23930	PAPPA	9	118997552	melanoma
23931	PAPPA	9	118997553	melanoma
23932	PAPPA	9	118997553	melanoma
23933	PAPPA	9	119033657	melanoma
23934	PAPPA	9	119065173	melanoma
23935	PAPPA	9	119097245	melanoma
23936	PAPPA	9	119097245	melanoma
23937	PAPPA	9	119097341	melanoma
23938	PAPPA	9	119097341	melanoma
23939	PAPPA	9	119115047	melanoma
23940	PAPPA	9	119115047	melanoma
23941	PAPPA	9	119139910	GCIMP_high
23942	PAPPA	9	119139910	GCIMP_high
23943	PAPPA	9	119139910	IDHmut
23944	PAPPA	9	119139910	IDHmut
23945	PAPPA	9	119139910	IDHmut_noncodel
23946	PAPPA	9	119139910	IDHmut_noncodel
23947	PAPPA	9	119139910	LGG GBM
23948	PAPPA	9	119139910	LGG GBM
23949	PAPPA	9	119139910	Neural
23950	PAPPA	9	119139910	Neural
23951	PAPPA	9	119139910	OligoAstr
23952	PAPPA	9	119139910	OligoAstr
23953	ASTN2	9	119491324	melanoma

23954	ASTN2	9	119625959	melanoma
23955	ASTN2	9	119737521	melanoma
23956	ASTN2	9	119737619	melanoma
23957	ASTN2	9	119770442	lung
23958	ASTN2	9	119976819	melanoma
23959	ASTN2	9	119976819	melanoma
23960	TLR4	9	120475038	melanoma
23961	TLR4	9	120475341	melanoma
23962	TLR4	9	120475341	melanoma
23963	TLR4	9	120475630	lung
23964	TLR4	9	120475663	Classic
23965	TLR4	9	120475663	Gbm
23966	TLR4	9	120475663	IDHwt
23967	TLR4	9	120475663	IDHwt_priGBM
23968	TLR4	9	120475663	LGG GBM
23969	TLR4	9	120475688	melanoma
23970	BRINP1	9	121929579	melanoma
23971	BRINP1	9	121929645	lung
23972	BRINP1	9	122000983	melanoma
23973	BRINP1	9	122000983	melanoma
23974	BRINP1	9	122075489	Codel
23975	BRINP1	9	122075489	Codel
23976	BRINP1	9	122075489	IDHmut
23977	BRINP1	9	122075489	IDHmut
23978	BRINP1	9	122075489	IDHmut_codel
23979	BRINP1	9	122075489	IDHmut_codel
23980	BRINP1	9	122075489	LGG GBM
23981	BRINP1	9	122075489	LGG GBM
23982	BRINP1	9	122075489	Oligo
23983	BRINP1	9	122075489	Oligo
23984	BRINP1	9	122075489	Proneural
23985	BRINP1	9	122075489	Proneural
23986	CDK5RAP2	9	123163054	melanoma
23987	CDK5RAP2	9	123163054	melanoma
23988	CDK5RAP2	9	123163054	melanoma
23989	CDK5RAP2	9	123165286	melanoma
23990	CDK5RAP2	9	123215999	melanoma
23991	CDK5RAP2	9	123215999	melanoma
23992	MEGF9	9	123476569	lung
23993	PSMD5	9	123586852	melanoma
23994	PSMD5	9	123586852	melanoma
23995	PHF19	9	123620514	melanoma
23996	TRAF1	9	123673632	Gbm
23997	TRAF1	9	123673632	IDHwt
23998	TRAF1	9	123673632	IDHwt_priGBM
23999	TRAF1	9	123673632	LGG GBM
24000	TRAF1	9	123673632	Mesenchymal_like
24001	C5	9	123739166	melanoma
24002	C5	9	123742403	melanoma
24003	CNTRL	9	123860688	melanoma
24004	CNTRL	9	123860688	melanoma
24005	CNTRL	9	123860688	melanoma
24006	DAB2IP	9	124522557	lung
24007	DAB2IP	9	124526091	melanoma
24008	DAB2IP	9	124526091	melanoma
24009	DAB2IP	9	124535257	Gbm
24010	DAB2IP	9	124535257	IDHwt
24011	DAB2IP	9	124535257	IDHwt_priGBM

24012	DAB2IP	9	124535257	LGG GBM
24013	DAB2IP	9	124535257	Mesenchymal
24014	DAB2IP	9	124535257	Mesenchymal_like
24015	TLL11	9	124801574	melanoma
24016	LHX6	9	124976629	hnscc
24017	PTGS1	9	125143716	melanoma
24018	PTGS1	9	125143716	melanoma
24019	PTGS1	9	125143788	melanoma
24020	PTGS1	9	125145860	melanoma
24021	PTGS1	9	125146014	Classic
24022	PTGS1	9	125146014	Gbm
24023	PTGS1	9	125146014	IDHwt
24024	PTGS1	9	125146014	IDHwt_priGBM
24025	PTGS1	9	125146014	LGG GBM
24026	OR1J1	9	125239581	melanoma
24027	OR1J2	9	125273802	lung
24028	OR1J2	9	125273802	lung
24029	OR1J2	9	125273802	lung
24030	OR1J2	9	125273802	lung
24031	OR1N1	9	125288693	melanoma
24032	OR1N1	9	125288794	melanoma
24033	OR1N1	9	125289050	Astr
24034	OR1N1	9	125289050	Classic
24035	OR1N1	9	125289050	IDHwt
24036	OR1N1	9	125289050	LGG GBM
24037	OR1N1	9	125289050	Mesenchymal_like
24038	OR1N1	9	125289116	Gbm
24039	OR1N1	9	125289116	IDHwt
24040	OR1N1	9	125289116	IDHwt_priGBM
24041	OR1N1	9	125289116	LGG GBM
24042	OR1N1	9	125289116	Mesenchymal
24043	OR1N1	9	125289116	Mesenchymal_like
24044	OR1N2	9	125315621	melanoma
24045	OR1N2	9	125315873	melanoma
24046	OR1N2	9	125316117	Classic
24047	OR1N2	9	125316117	IDHwt
24048	OR1N2	9	125316117	LGG GBM
24049	OR1N2	9	125316117	Mesenchymal_like
24050	OR1N2	9	125316257	GCIMP_high
24051	OR1N2	9	125316257	GCIMP_high
24052	OR1N2	9	125316257	GCIMP_high
24053	OR1N2	9	125316257	GCIMP_high
24054	OR1N2	9	125316257	IDHmut
24055	OR1N2	9	125316257	IDHmut
24056	OR1N2	9	125316257	IDHmut
24057	OR1N2	9	125316257	IDHmut
24058	OR1N2	9	125316257	IDHmut_noncodel
24059	OR1N2	9	125316257	IDHmut_noncodel
24060	OR1N2	9	125316257	IDHmut_noncodel
24061	OR1N2	9	125316257	IDHmut_noncodel
24062	OR1N2	9	125316257	LGG GBM
24063	OR1N2	9	125316257	LGG GBM
24064	OR1N2	9	125316257	LGG GBM
24065	OR1N2	9	125316257	LGG GBM
24066	OR1N2	9	125316257	Oligo
24067	OR1N2	9	125316257	Oligo
24068	OR1N2	9	125316257	Oligo
24069	OR1N2	9	125316257	Oligo

24070	OR1N2	9	125316257	Proneural
24071	OR1N2	9	125316257	Proneural
24072	OR1N2	9	125316257	Proneural
24073	OR1N2	9	125316257	Proneural
24074	OR1N2	9	125316263	melanoma
24075	OR1N2	9	125316263	melanoma
24076	OR1L8	9	125329943	melanoma
24077	OR1L8	9	125329996	melanoma
24078	OR1L8	9	125330095	melanoma
24079	OR1L8	9	125330095	melanoma
24080	OR1L8	9	125330260	Classic
24081	OR1L8	9	125330260	Classic_like
24082	OR1L8	9	125330260	IDHwt
24083	OR1L8	9	125330260	LGG GBM
24084	OR1L8	9	125330260	OligoAstr
24085	OR1Q1	9	125377702	melanoma
24086	OR1L1	9	125424116	melanoma
24087	OR1L1	9	125424380	melanoma
24088	OR1L1	9	125424851	melanoma
24089	OR1L1	9	125424851	melanoma
24090	OR1L3	9	125437538	melanoma
24091	OR1L3	9	125437926	melanoma
24092	OR1L3	9	125437926	melanoma
24093	OR1L4	9	125486478	melanoma
24094	OR1L4	9	125486747	Classic_like
24095	OR1L4	9	125486747	Classic_like
24096	OR1L4	9	125486747	Classic_like
24097	OR1L4	9	125486747	Gbm
24098	OR1L4	9	125486747	Gbm
24099	OR1L4	9	125486747	Gbm
24100	OR1L4	9	125486747	IDHwt
24101	OR1L4	9	125486747	IDHwt
24102	OR1L4	9	125486747	IDHwt
24103	OR1L4	9	125486747	IDHwt_priGBM
24104	OR1L4	9	125486747	IDHwt_priGBM
24105	OR1L4	9	125486747	IDHwt_priGBM
24106	OR1L4	9	125486747	LGG GBM
24107	OR1L4	9	125486747	LGG GBM
24108	OR1L4	9	125486747	LGG GBM
24109	OR1L4	9	125486747	Neural
24110	OR1L4	9	125486747	Neural
24111	OR1L4	9	125486747	Neural
24112	OR1L4	9	125487118	melanoma
24113	OR1L4	9	125487118	melanoma
24114	OR1L4	9	125487118	melanoma
24115	OR5C1	9	125551345	melanoma
24116	RC3H2	9	125616852	melanoma
24117	RC3H2	9	125616852	melanoma
24118	RC3H2	9	125622319	melanoma
24119	RABGAP1	9	125752420	melanoma
24120	RABGAP1	9	125752420	melanoma
24121	RABGAP1	9	125838917	melanoma
24122	STRBP	9	125922719	melanoma
24123	STRBP	9	125922719	melanoma
24124	STRBP	9	125941335	melanoma
24125	CRB2	9	126137573	melanoma
24126	CRB2	9	126139175	melanoma
24127	CRB2	9	126139175	melanoma

24128	CRB2	9	126139175	melanoma
24129	DENND1A	9	126414323	melanoma
24130	DENND1A	9	126414323	melanoma
24131	DENND1A	9	126439019	bladder
24132	DENND1A	9	126439019	bladder
24133	LHX2	9	126794913	Gbm
24134	LHX2	9	126794913	IDHwt
24135	LHX2	9	126794913	IDHwt_priGBM
24136	LHX2	9	126794913	LGG GBM
24137	LHX2	9	126794913	Mesenchymal
24138	LHX2	9	126794913	Mesenchymal_like
24139	NEK6	9	127101942	IDHwt_priGBM2
24140	OLFML2A	9	127572206	Codel
24141	OLFML2A	9	127572206	IDHmut
24142	OLFML2A	9	127572206	IDHmut_codel
24143	OLFML2A	9	127572206	LGG GBM
24144	OLFML2A	9	127572206	Oligo
24145	OLFML2A	9	127572206	Proneural
24146	GOLGA1	9	127643467	melanoma
24147	GOLGA1	9	127644196	lung
24148	SCAI	9	127733725	lung
24149	SCAI	9	127733725	lung
24150	SCAI	9	127791983	melanoma
24151	PPP6C	9	127951892	lung
24152	RABEPK	9	127996009	melanoma
24153	GAPVD1	9	128117084	hnscc
24154	LMX1B	9	129458154	melanoma
24155	LMX1B	9	129458669	melanoma
24156	ZBTB43	9	129594825	melanoma
24157	ZBTB34	9	129642267	melanoma
24158	ZBTB34	9	129642280	lung
24159	ZBTB34	9	129643081	melanoma
24160	RALGPS1	9	129957373	melanoma
24161	RALGPS1	9	129958881	melanoma
24162	RALGPS1	9	129958881	melanoma
24163	GARNL3	9	130117606	melanoma
24164	GARNL3	9	130117606	melanoma
24165	GARNL3	9	130155484	melanoma
24166	LRSAM1	9	130263331	melanoma
24167	FAM129B	9	130270437	melanoma
24168	FAM129B	9	130272484	melanoma
24169	FAM129B	9	130289510	melanoma
24170	FAM129B	9	130289510	melanoma
24171	FAM129B	9	130289510	melanoma
24172	STXBP1	9	130446661	melanoma
24173	STXBP1	9	130446661	melanoma
24174	STXBP1	9	130446661	melanoma
24175	TOR2A	9	130494375	melanoma
24176	TOR2A	9	130495718	melanoma
24177	TOR2A	9	130497485	bladder
24178	SH2D3C	9	130507205	melanoma
24179	SH2D3C	9	130511575	melanoma
24180	SH2D3C	9	130511902	Astr
24181	SH2D3C	9	130511902	IDHwt
24182	SH2D3C	9	130511902	LGG GBM
24183	SH2D3C	9	130511902	Neural
24184	SH2D3C	9	130511902	PA_like
24185	ENG	9	130580466	melanoma

24186	ENG	9	130580466	melanoma
24187	NAIF1	9	130825976	melanoma
24188	NAIF1	9	130825976	melanoma
24189	SLC25A25	9	130863623	hnscc
24190	SLC25A25	9	130868041	lung
24191	SWI5	9	131038500	melanoma
24192	SWI5	9	131038615	melanoma
24193	SWI5	9	131038615	melanoma
24194	TRUB2	9	131072049	Astr
24195	TRUB2	9	131072049	IDHwt
24196	TRUB2	9	131072049	LGG GBM
24197	TRUB2	9	131072049	Neural
24198	TRUB2	9	131072049	PA_like
24199	SLC27A4	9	131110868	melanoma
24200	SLC27A4	9	131118036	Astr
24201	SLC27A4	9	131118036	IDHwt
24202	SLC27A4	9	131118036	LGG GBM
24203	SLC27A4	9	131118036	Mesenchymal
24204	SLC27A4	9	131118036	Mesenchymal_like
24205	ODF2	9	131223306	melanoma
24206	ODF2	9	131223306	melanoma
24207	ODF2	9	131262458	melanoma
24208	ODF2	9	131262458	melanoma
24209	GLE1	9	131289793	melanoma
24210	GLE1	9	131295899	melanoma
24211	GLE1	9	131298699	melanoma
24212	GLE1	9	131298699	melanoma
24213	SPTAN1	9	131340393	bladder
24214	SPTAN1	9	131340462	lung
24215	SPTAN1	9	131340462	lung
24216	SPTAN1	9	131340462	lung
24217	SPTAN1	9	131353822	lung
24218	SPTAN1	9	131361260	melanoma
24219	SPTAN1	9	131388869	Astr
24220	SPTAN1	9	131388869	IDHwt
24221	SPTAN1	9	131388869	LGG GBM
24222	SPTAN1	9	131388869	Neural
24223	SPTAN1	9	131388869	PA_like
24224	WDR34	9	131418980	melanoma
24225	PKN3	9	131479186	melanoma
24226	PKN3	9	131479186	melanoma
24227	ZER1	9	131495755	lung
24228	ZER1	9	131503855	Astr
24229	ZER1	9	131503855	GCIMP_high
24230	ZER1	9	131503855	IDHmut
24231	ZER1	9	131503855	IDHmut_noncode1
24232	ZER1	9	131503855	LGG GBM
24233	ZER1	9	131503855	Proneural
24234	ZER1	9	131517837	melanoma
24235	LRR8A	9	131670483	melanoma
24236	NUP188	9	131733161	melanoma
24237	NUP188	9	131745580	Astr
24238	NUP188	9	131745580	Astr
24239	NUP188	9	131745580	Astr
24240	NUP188	9	131745580	GCIMP_low
24241	NUP188	9	131745580	GCIMP_low
24242	NUP188	9	131745580	GCIMP_low
24243	NUP188	9	131745580	IDHmut

24244	NUP188	9	131745580	IDHmut
24245	NUP188	9	131745580	IDHmut
24246	NUP188	9	131745580	IDHmut_noncodel
24247	NUP188	9	131745580	IDHmut_noncodel
24248	NUP188	9	131745580	IDHmut_noncodel
24249	NUP188	9	131745580	LGG GBM
24250	NUP188	9	131745580	LGG GBM
24251	NUP188	9	131745580	LGG GBM
24252	NUP188	9	131745580	Proneural
24253	NUP188	9	131745580	Proneural
24254	NUP188	9	131745580	Proneural
24255	MIGA2	9	131812204	melanoma
24256	MIGA2	9	131832224	bladder
24257	DOLPP1	9	131843468	melanoma
24258	C9orf50	9	132377837	lung
24259	C9orf50	9	132377837	lung
24260	C9orf50	9	132377837	lung
24261	PTGES	9	132502102	lung
24262	TOR1B	9	132566477	lung
24263	USP20	9	132630507	melanoma
24264	USP20	9	132630507	melanoma
24265	USP20	9	132631651	Astr
24266	USP20	9	132631651	Astr
24267	USP20	9	132631651	GCIMP_low
24268	USP20	9	132631651	GCIMP_low
24269	USP20	9	132631651	IDHmut
24270	USP20	9	132631651	IDHmut
24271	USP20	9	132631651	IDHmut_noncodel
24272	USP20	9	132631651	IDHmut_noncodel
24273	USP20	9	132631651	LGG GBM
24274	USP20	9	132631651	LGG GBM
24275	USP20	9	132631651	Proneural
24276	USP20	9	132631651	Proneural
24277	USP20	9	132636898	melanoma
24278	USP20	9	132638480	Classic
24279	USP20	9	132638480	Classic_like
24280	USP20	9	132638480	Gbm
24281	USP20	9	132638480	IDHwt
24282	USP20	9	132638480	IDHwt_priGBM
24283	USP20	9	132638480	LGG GBM
24284	FNBP1	9	132740854	melanoma
24285	FUBP3	9	133489681	melanoma
24286	PRDM12	9	133553922	melanoma
24287	ABL1	9	133750310	Classic_like
24288	ABL1	9	133750310	Classic_like
24289	ABL1	9	133750310	Gbm
24290	ABL1	9	133750310	Gbm
24291	ABL1	9	133750310	IDHwt
24292	ABL1	9	133750310	IDHwt
24293	ABL1	9	133750310	IDHwt_priGBM
24294	ABL1	9	133750310	IDHwt_priGBM
24295	ABL1	9	133750310	LGG GBM
24296	ABL1	9	133750310	LGG GBM
24297	ABL1	9	133750310	Mesenchymal
24298	ABL1	9	133750310	Mesenchymal
24299	LAMC3	9	133927941	melanoma
24300	LAMC3	9	133932363	GCIMP_high
24301	LAMC3	9	133932363	IDHmut

24302	LAMC3	9	133932363	IDHmut_noncodel
24303	LAMC3	9	133932363	LGG GBM
24304	LAMC3	9	133932363	Oligo
24305	LAMC3	9	133932363	Proneural
24306	LAMC3	9	133947006	Gbm
24307	LAMC3	9	133947006	IDHwt
24308	LAMC3	9	133947006	IDHwt_priGBM
24309	LAMC3	9	133947006	LGG GBM
24310	LAMC3	9	133947006	Mesenchymal_like
24311	LAMC3	9	133947006	Neural
24312	LAMC3	9	133961052	melanoma
24313	NUP214	9	134021653	melanoma
24314	NUP214	9	134021653	melanoma
24315	NUP214	9	134039330	melanoma
24316	NUP214	9	134090741	melanoma
24317	NUP214	9	134090741	melanoma
24318	NUP214	9	134090741	melanoma
24319	NUP214	9	134090741	melanoma
24320	PLPP7	9	134183375	lung
24321	PLPP7	9	134183375	lung
24322	PLPP7	9	134183375	lung
24323	PLPP7	9	134183375	lung
24324	PLPP7	9	134183375	lung
24325	PRRC2B	9	134340297	lung
24326	PRRC2B	9	134340297	lung
24327	PRRC2B	9	134349974	Codel
24328	PRRC2B	9	134349974	IDHmut
24329	PRRC2B	9	134349974	IDHmut_codel
24330	PRRC2B	9	134349974	LGG GBM
24331	PRRC2B	9	134349974	Oligo
24332	PRRC2B	9	134349974	Proneural
24333	PRRC2B	9	134363380	melanoma
24334	POMT1	9	134382818	melanoma
24335	POMT1	9	134382818	melanoma
24336	POMT1	9	134393877	melanoma
24337	RAPGEF1	9	134458011	melanoma
24338	RAPGEF1	9	134501563	melanoma
24339	MED27	9	134738470	melanoma
24340	SETX	9	135156874	melanoma
24341	SETX	9	135156885	melanoma
24342	SETX	9	135205325	melanoma
24343	SETX	9	135206494	melanoma
24344	BARHL1	9	135458309	melanoma
24345	DDX31	9	135470297	bladder
24346	GTF3C4	9	135553932	melanoma
24347	GTF3C4	9	135553979	melanoma
24348	GTF3C4	9	135554105	melanoma
24349	TSC1	9	135772975	melanoma
24350	TSC1	9	135779195	melanoma
24351	TSC1	9	135781388	melanoma
24352	TSC1	9	135781388	melanoma
24353	TSC1	9	135796818	bladder
24354	TSC1	9	135798789	melanoma
24355	TSC1	9	135800993	bladder
24356	TSC1	9	135801029	lung
24357	GTF3C5	9	135927531	melanoma
24358	GTF3C5	9	135933210	melanoma
24359	GTF3C5	9	135933210	melanoma

24360	GTF3C5	9	135933210	melanoma
24361	RALGDS	9	135984182	melanoma
24362	RALGDS	9	135985798	melanoma
24363	SURF4	9	136230530	lung
24364	STKLD1	9	136245929	melanoma
24365	STKLD1	9	136260770	melanoma
24366	REXO4	9	136272992	melanoma
24367	ADAMTS13	9	136320669	Codel
24368	ADAMTS13	9	136320669	Codel
24369	ADAMTS13	9	136320669	IDHmut
24370	ADAMTS13	9	136320669	IDHmut
24371	ADAMTS13	9	136320669	IDHmut_codel
24372	ADAMTS13	9	136320669	IDHmut_codel
24373	ADAMTS13	9	136320669	LGG GBM
24374	ADAMTS13	9	136320669	LGG GBM
24375	ADAMTS13	9	136320669	Oligo
24376	ADAMTS13	9	136320669	Oligo
24377	ADAMTS13	9	136320669	Proneural
24378	ADAMTS13	9	136320669	Proneural
24379	DBH	9	136505106	melanoma
24380	DBH	9	136505106	melanoma
24381	DBH	9	136507548	melanoma
24382	DBH	9	136508598	IDHwt
24383	DBH	9	136508598	LGG GBM
24384	DBH	9	136508598	Mesenchymal_like
24385	DBH	9	136508598	Neural
24386	DBH	9	136513076	melanoma
24387	DBH	9	136513076	melanoma
24388	DBH	9	136513076	melanoma
24389	SARDH	9	136535731	bladder
24390	RXRA	9	137300101	melanoma
24391	RXRA	9	137309139	Gbm
24392	RXRA	9	137309139	IDHwt
24393	RXRA	9	137309139	IDHwt_priGBM
24394	RXRA	9	137309139	LGG GBM
24395	RXRA	9	137309139	Mesenchymal
24396	COL5A1	9	137701096	melanoma
24397	COL5A1	9	137708906	melanoma
24398	COL5A1	9	137726853	lung
24399	COL5A1	9	137726853	lung
24400	COL5A1	9	137726853	lung
24401	FCN1	9	137801885	melanoma
24402	FCN1	9	137801885	melanoma
24403	OLFM1	9	137990225	melanoma
24404	OLFM1	9	137998621	Astr
24405	OLFM1	9	137998621	Classic
24406	OLFM1	9	137998621	IDHwt
24407	OLFM1	9	137998621	LGG GBM
24408	OLFM1	9	137998621	Mesenchymal_like
24409	C9orf62	9	138235982	melanoma
24410	PPP1R26	9	138379035	lung
24411	PPP1R26	9	138379035	bladder
24412	C9orf116	9	138387358	Gbm
24413	C9orf116	9	138387358	IDHwt
24414	C9orf116	9	138387358	IDHwt_priGBM
24415	C9orf116	9	138387358	LGG GBM
24416	C9orf116	9	138387358	Mesenchymal_like
24417	OBP2A	9	138439027	melanoma

24418	GLT6D1	9	138530972	Classic
24419	GLT6D1	9	138530972	IDHwt
24420	GLT6D1	9	138530972	LGG GBM
24421	GLT6D1	9	138530972	Mesenchymal_like
24422	GLT6D1	9	138530972	OligoAstr
24423	SOHLH1	9	138589455	melanoma
24424	KCNT1	9	138649014	melanoma
24425	KCNT1	9	138649044	melanoma
24426	KCNT1	9	138649154	melanoma
24427	KCNT1	9	138649177	melanoma
24428	KCNT1	9	138657536	melanoma
24429	KCNT1	9	138660702	melanoma
24430	CAMSAP1	9	138714454	melanoma
24431	CAMSAP1	9	138714648	Gbm
24432	CAMSAP1	9	138714648	IDHwt
24433	CAMSAP1	9	138714648	IDHwt_priGBM
24434	CAMSAP1	9	138714648	LGG GBM
24435	CAMSAP1	9	138714648	Mesenchymal
24436	LHX3	9	139091685	Classic_like
24437	LHX3	9	139091685	Gbm
24438	LHX3	9	139091685	IDHwt
24439	LHX3	9	139091685	IDHwt_priGBM
24440	LHX3	9	139091685	LGG GBM
24441	LHX3	9	139091685	Mesenchymal
24442	QSOX2	9	139108501	melanoma
24443	QSOX2	9	139108552	Classic
24444	QSOX2	9	139108552	IDHwt
24445	QSOX2	9	139108552	LGG GBM
24446	QSOX2	9	139108552	Mesenchymal_like
24447	QSOX2	9	139108552	OligoAstr
24448	QSOX2	9	139110623	melanoma
24449	QSOX2	9	139110623	melanoma
24450	QSOX2	9	139113687	melanoma
24451	PMPCA	9	139311622	melanoma
24452	SEC16A	9	139351924	melanoma
24453	SEC16A	9	139351924	melanoma
24454	SEC16A	9	139358176	Gbm
24455	SEC16A	9	139358176	IDHwt
24456	SEC16A	9	139358176	IDHwt_priGBM
24457	SEC16A	9	139358176	LGG GBM
24458	SEC16A	9	139358176	Mesenchymal
24459	SEC16A	9	139368746	melanoma
24460	SEC16A	9	139369853	melanoma
24461	SEC16A	9	139370359	melanoma
24462	SEC16A	9	139370359	melanoma
24463	NOTCH1	9	139391059	melanoma
24464	NOTCH1	9	139391059	melanoma
24465	NOTCH1	9	139391059	melanoma
24466	NOTCH1	9	139391059	melanoma
24467	NOTCH1	9	139395015	melanoma
24468	NOTCH1	9	139395015	melanoma
24469	NOTCH1	9	139402738	melanoma
24470	LCN6	9	139641910	melanoma
24471	LCN6	9	139641910	melanoma
24472	TMEM141	9	139686402	melanoma
24473	TMEM141	9	139686402	melanoma
24474	RABL6	9	139726181	GCIMP_high
24475	RABL6	9	139726181	IDHmut

24476	RABL6	9	139726181	IDHmut_noncodel
24477	RABL6	9	139726181	LGG GBM
24478	RABL6	9	139726181	Oligo
24479	MAMDC4	9	139749470	melanoma
24480	TRAF2	9	139814878	melanoma
24481	FBXW5	9	139837244	melanoma
24482	ABCA2	9	139907007	melanoma
24483	ABCA2	9	139907007	melanoma
24484	ABCA2	9	139907007	melanoma
24485	ABCA2	9	139909534	melanoma
24486	ABCA2	9	139912065	melanoma
24487	ABCA2	9	139912065	melanoma
24488	ABCA2	9	139912065	melanoma
24489	MAN1B1	9	140001724	lung
24490	MAN1B1	9	140001724	lung
24491	MAN1B1	9	140001724	lung
24492	DPP7	9	140006595	melanoma
24493	ANAPC2	9	140075354	melanoma
24494	ANAPC2	9	140082302	melanoma
24495	NDOR1	9	140109450	melanoma
24496	NDOR1	9	140109451	melanoma
24497	TUBB4B	9	140137526	Astr
24498	TUBB4B	9	140137526	IDHwt
24499	TUBB4B	9	140137526	LGG GBM
24500	TUBB4B	9	140137526	Neural
24501	TUBB4B	9	140137526	PA_like
24502	STPG3	9	140147675	bladder
24503	NELFB	9	140151387	lung
24504	TOR4A	9	140173458	melanoma
24505	EXD3	9	140261027	melanoma
24506	EXD3	9	140268012	lung
24507	PNPLA7	9	140356033	melanoma
24508	PNPLA7	9	140372492	melanoma
24509	PNPLA7	9	140414480	melanoma
24510	DPH7	9	140449774	melanoma
24511	DPH7	9	140469270	melanoma
24512	DPH7	9	140469270	melanoma
24513	ARRDC1	9	140507405	lung
24514	ARRDC1	9	140509317	melanoma
24515	EHMT1	9	140671185	melanoma
24516	EHMT1	9	140728828	GCIMP_high
24517	EHMT1	9	140728828	IDHmut
24518	EHMT1	9	140728828	IDHmut_noncodel
24519	EHMT1	9	140728828	LGG GBM
24520	EHMT1	9	140728828	OligoAstr
24521	EHMT1	9	140728828	Proneural
24522	CACNA1B	9	140772491	melanoma
24523	CACNA1B	9	140952604	melanoma
24524	DIP2C	10	465109	melanoma
24525	DIP2C	10	465109	melanoma
24526	IDI2	10	1065653	melanoma
24527	IDI1	10	1089327	Codel
24528	IDI1	10	1089327	IDHmut
24529	IDI1	10	1089327	IDHmut_codel
24530	IDI1	10	1089327	LGG GBM
24531	IDI1	10	1089327	Neural
24532	IDI1	10	1089327	Oligo
24533	WDR37	10	1123921	melanoma

24534	ADARB2	10	1279720	bladder
24535	ADARB2	10	1284215	Gbm
24536	ADARB2	10	1284215	Gbm
24537	ADARB2	10	1284215	Gbm
24538	ADARB2	10	1284215	IDHwt
24539	ADARB2	10	1284215	IDHwt
24540	ADARB2	10	1284215	IDHwt
24541	ADARB2	10	1284215	IDHwt_priGBM
24542	ADARB2	10	1284215	IDHwt_priGBM
24543	ADARB2	10	1284215	IDHwt_priGBM
24544	ADARB2	10	1284215	LGG GBM
24545	ADARB2	10	1284215	LGG GBM
24546	ADARB2	10	1284215	LGG GBM
24547	ADARB2	10	1284215	Mesenchymal
24548	ADARB2	10	1284215	Mesenchymal
24549	ADARB2	10	1284215	Mesenchymal
24550	ADARB2	10	1284215	Mesenchymal_like
24551	ADARB2	10	1284215	Mesenchymal_like
24552	ADARB2	10	1284215	Mesenchymal_like
24553	PFKP	10	3155633	melanoma
24554	PITRM1	10	3191861	melanoma
24555	PITRM1	10	3208444	melanoma
24556	PITRM1	10	3208444	melanoma
24557	PITRM1	10	3208444	melanoma
24558	AKR1C1	10	5014793	melanoma
24559	AKR1C4	10	5238864	Gbm
24560	AKR1C4	10	5238864	IDHwt
24561	AKR1C4	10	5238864	IDHwt_priGBM
24562	AKR1C4	10	5238864	LGG GBM
24563	AKR1C4	10	5238864	Mesenchymal
24564	AKR1C4	10	5238864	Mesenchymal_like
24565	AKR1C4	10	5242234	melanoma
24566	AKR1C4	10	5254979	melanoma
24567	AKR1C4	10	5254979	melanoma
24568	AKR1C4	10	5255064	lung
24569	TUBAL3	10	5435509	melanoma
24570	TUBAL3	10	5436249	melanoma
24571	NET1	10	5495464	melanoma
24572	CALML5	10	5541081	melanoma
24573	ANKRD16	10	5930026	melanoma
24574	FBXO18	10	5958309	bladder
24575	FBXO18	10	5958328	bladder
24576	FBXO18	10	5960412	bladder
24577	FBXO18	10	5966351	bladder
24578	IL15RA	10	5995110	Gbm
24579	IL15RA	10	5995110	IDHwt
24580	IL15RA	10	5995110	IDHwt_priGBM
24581	IL15RA	10	5995110	LGG GBM
24582	IL15RA	10	5995110	Proneural
24583	IL2RA	10	6063624	melanoma
24584	PFKFB3	10	6266148	melanoma
24585	PRKCQ	10	6472885	melanoma
24586	SFMBT2	10	7239512	melanoma
24587	SFMBT2	10	7239512	melanoma
24588	SFMBT2	10	7290527	melanoma
24589	ITIH5	10	7618458	melanoma
24590	ITIH5	10	7659141	melanoma
24591	ITIH5	10	7679257	melanoma

24592	ITIH5	10	7679257	melanoma
24593	KIN	10	7822123	lung
24594	ATP5C1	10	7844345	bladder
24595	CELF2	10	11356158	melanoma
24596	UPF2	10	12041973	lung
24597	DHTKD1	10	12131022	melanoma
24598	DHTKD1	10	12142228	melanoma
24599	CAMK1D	10	12802954	Classic
24600	CAMK1D	10	12802954	Classic_like
24601	CAMK1D	10	12802954	Gbm
24602	CAMK1D	10	12802954	IDHwt
24603	CAMK1D	10	12802954	IDHwt_priGBM
24604	CAMK1D	10	12802954	LGG GBM
24605	CAMK1D	10	12802957	melanoma
24606	CAMK1D	10	12803041	GCIMP_high
24607	CAMK1D	10	12803041	IDHmut
24608	CAMK1D	10	12803041	IDHmut_noncodel
24609	CAMK1D	10	12803041	LGG GBM
24610	CAMK1D	10	12803041	Oligo
24611	CAMK1D	10	12803041	Proneural
24612	CAMK1D	10	12867677	lung
24613	CCDC3	10	13040480	melanoma
24614	SEPHS1	10	13361309	melanoma
24615	FAM107B	10	14572379	melanoma
24616	FAM107B	10	14572379	melanoma
24617	SUV39H2	10	14941566	bladder
24618	OLAH	10	15098927	bladder
24619	OLAH	10	15103833	melanoma
24620	OLAH	10	15103833	melanoma
24621	C10orf111	10	15138408	melanoma
24622	FAM171A1	10	15258106	melanoma
24623	FAM171A1	10	15258106	melanoma
24624	FAM171A1	10	15262987	melanoma
24625	FAM171A1	10	15262987	melanoma
24626	FAM171A1	10	15262987	melanoma
24627	FAM171A1	10	15296788	melanoma
24628	FAM171A1	10	15296788	melanoma
24629	FAM171A1	10	15296788	melanoma
24630	ITGA8	10	15573137	melanoma
24631	ITGA8	10	15701017	lung
24632	PTER	10	16547111	GCIMP_high
24633	PTER	10	16547111	IDHmut
24634	PTER	10	16547111	IDHmut_noncodel
24635	PTER	10	16547111	LGG GBM
24636	PTER	10	16547111	Oligo
24637	C1QL3	10	16562714	IDHwt_priGBM2
24638	CUBN	10	16873370	Classic
24639	CUBN	10	16873370	Classic_like
24640	CUBN	10	16873370	Gbm
24641	CUBN	10	16873370	IDHwt
24642	CUBN	10	16873370	IDHwt_priGBM
24643	CUBN	10	16873370	LGG GBM
24644	CUBN	10	16882480	lung
24645	CUBN	10	16882934	melanoma
24646	CUBN	10	16919024	melanoma
24647	CUBN	10	16957046	lung
24648	CUBN	10	17142012	Codel
24649	CUBN	10	17142012	IDHmut

24650	CUBN	10	17142012	IDHmut_codel
24651	CUBN	10	17142012	LGG GBM
24652	CUBN	10	17142012	Oligo
24653	VIM	10	17271962	melanoma
24654	ST8SIA6	10	17363247	lung
24655	ST8SIA6	10	17369020	IDHwt_priGBM2
24656	STAM	10	17735251	bladder
24657	SLC39A12	10	18242242	lung
24658	MALRD1	10	19636860	lung
24659	PLXDC2	10	20432254	melanoma
24660	NEBL	10	21074831	melanoma
24661	NEBL	10	21112168	Classic_like
24662	NEBL	10	21112168	Gbm
24663	NEBL	10	21112168	IDHwt
24664	NEBL	10	21112168	IDHwt_priGBM
24665	NEBL	10	21112168	LGG GBM
24666	NEBL	10	21120211	melanoma
24667	NEBL	10	21147185	lung
24668	NEBL	10	21169772	melanoma
24669	NEBL	10	21169772	melanoma
24670	SKIDA1	10	21805608	bladder
24671	MLLT10	10	22016827	melanoma
24672	MLL1;COMMD3-BN	10	22618167	lung
24673	SPAG6	10	22653877	melanoma
24674	PIP4K2A	10	22880590	melanoma
24675	PIP4K2A	10	22880590	melanoma
24676	ARMC3	10	23248342	melanoma
24677	ARMC3	10	23250972	Gbm
24678	ARMC3	10	23250972	Gbm
24679	ARMC3	10	23250972	IDHwt
24680	ARMC3	10	23250972	IDHwt
24681	ARMC3	10	23250972	IDHwt_priGBM
24682	ARMC3	10	23250972	IDHwt_priGBM
24683	ARMC3	10	23250972	LGG GBM
24684	ARMC3	10	23250972	LGG GBM
24685	ARMC3	10	23250972	Mesenchymal
24686	ARMC3	10	23250972	Mesenchymal
24687	ARMC3	10	23250972	Mesenchymal_like
24688	ARMC3	10	23250972	Mesenchymal_like
24689	ARMC3	10	23287108	melanoma
24690	ARMC3	10	23287268	melanoma
24691	ARMC3	10	23287268	melanoma
24692	ARMC3	10	23287268	melanoma
24693	KIAA1217	10	24669943	Codel
24694	KIAA1217	10	24669943	IDHmut
24695	KIAA1217	10	24669943	IDHmut_codel
24696	KIAA1217	10	24669943	LGG GBM
24697	KIAA1217	10	24669943	Oligo
24698	KIAA1217	10	24669943	Proneural
24699	KIAA1217	10	24762200	melanoma
24700	KIAA1217	10	24762200	melanoma
24701	KIAA1217	10	24810719	melanoma
24702	KIAA1217	10	24813316	melanoma
24703	KIAA1217	10	24813316	melanoma
24704	KIAA1217	10	24832676	melanoma
24705	KIAA1217	10	24834988	melanoma
24706	ARHGAP21	10	24880827	bladder
24707	ARHGAP21	10	24883947	melanoma

24708	ARHGAP21	10	24909554	melanoma
24709	PRTFDC1	10	25160950	lung
24710	ENKUR	10	25284778	lung
24711	GPR158	10	25701238	bladder
24712	GPR158	10	25755625	melanoma
24713	GPR158	10	25861759	melanoma
24714	GPR158	10	25883322	melanoma
24715	GPR158	10	25883322	melanoma
24716	MYO3A	10	26241127	melanoma
24717	MYO3A	10	26305794	melanoma
24718	MYO3A	10	26385404	melanoma
24719	MYO3A	10	26409618	melanoma
24720	MYO3A	10	26434428	melanoma
24721	MYO3A	10	26434428	melanoma
24722	MYO3A	10	26463226	melanoma
24723	MYO3A	10	26465686	melanoma
24724	MYO3A	10	26482208	melanoma
24725	GAD2	10	26534860	melanoma
24726	APBB1IP	10	26781313	melanoma
24727	APBB1IP	10	26822444	melanoma
24728	APBB1IP	10	26825099	melanoma
24729	APBB1IP	10	26851333	melanoma
24730	APBB1IP	10	26851333	melanoma
24731	PDSS1	10	27009167	lung
24732	PDSS1	10	27009167	lung
24733	ABI1	10	27066032	melanoma
24734	ANKRD26	10	27326200	melanoma
24735	YME1L1	10	27410369	Astr
24736	YME1L1	10	27410369	GCIMP_high
24737	YME1L1	10	27410369	IDHmut
24738	YME1L1	10	27410369	IDHmut_noncodel
24739	YME1L1	10	27410369	LGG GBM
24740	YME1L1	10	27410369	Neural
24741	YME1L1	10	27420861	Codel
24742	YME1L1	10	27420861	IDHmut
24743	YME1L1	10	27420861	IDHmut_codel
24744	YME1L1	10	27420861	LGG GBM
24745	YME1L1	10	27420861	Oligo
24746	YME1L1	10	27420861	Proneural
24747	YME1L1	10	27425215	melanoma
24748	YME1L1	10	27434413	melanoma
24749	MASTL	10	27459200	Gbm
24750	MASTL	10	27459200	IDHwt
24751	MASTL	10	27459200	IDHwt_priGBM
24752	MASTL	10	27459200	LGG GBM
24753	MASTL	10	27459200	Mesenchymal_like
24754	PTCHD3	10	27687872	melanoma
24755	PTCHD3	10	27702567	melanoma
24756	PTCHD3	10	27702567	melanoma
24757	PTCHD3	10	27702684	melanoma
24758	ARMC4	10	28149754	melanoma
24759	ARMC4	10	28229528	Gbm
24760	ARMC4	10	28229528	IDHwt
24761	ARMC4	10	28229528	IDHwt_priGBM
24762	ARMC4	10	28229528	LGG GBM
24763	ARMC4	10	28229528	Proneural
24764	ARMC4	10	28233154	melanoma
24765	ARMC4	10	28250542	melanoma

24766	ARMC4	10	28272855	melanoma
24767	ARMC4	10	28272903	melanoma
24768	ARMC4	10	28273151	hnscc
24769	ARMC4	10	28276444	melanoma
24770	MPP7	10	28408598	melanoma
24771	MPP7	10	28408598	melanoma
24772	MPP7	10	28412977	melanoma
24773	MPP7	10	28412977	melanoma
24774	MPP7	10	28412977	melanoma
24775	WAC	10	28906646	Astr
24776	WAC	10	28906646	GCIMP_high
24777	WAC	10	28906646	IDHmut
24778	WAC	10	28906646	IDHmut_noncodel
24779	WAC	10	28906646	LGG GBM
24780	SVIL	10	29770579	melanoma
24781	SVIL	10	29779937	Codel
24782	SVIL	10	29779937	IDHmut
24783	SVIL	10	29779937	IDHmut_codel
24784	SVIL	10	29779937	LGG GBM
24785	SVIL	10	29779937	OligoAstr
24786	SVIL	10	29779937	Proneural
24787	JCAD	10	30315264	Classic_like
24788	JCAD	10	30315264	Gbm
24789	JCAD	10	30315264	IDHwt
24790	JCAD	10	30315264	IDHwt_priGBM
24791	JCAD	10	30315264	LGG GBM
24792	JCAD	10	30315264	Proneural
24793	JCAD	10	30318367	bladder
24794	MTPAP	10	30629220	melanoma
24795	MAP3K8	10	30739244	Codel
24796	MAP3K8	10	30739244	IDHmut
24797	MAP3K8	10	30739244	IDHmut_codel
24798	MAP3K8	10	30739244	LGG GBM
24799	MAP3K8	10	30739244	Oligo
24800	MAP3K8	10	30739244	Proneural
24801	MAP3K8	10	30748244	melanoma
24802	MAP3K8	10	30748376	melanoma
24803	ZNF438	10	31138531	melanoma
24804	ZNF438	10	31139029	hnscc
24805	ZEB1	10	31799723	lung
24806	ZEB1	10	31799723	lung
24807	ZEB1	10	31810197	melanoma
24808	ZEB1	10	31810332	melanoma
24809	ARHGAP12	10	32197205	bladder
24810	KIF5B	10	32306201	melanoma
24811	ITGB1	10	33208987	bladder
24812	ITGB1	10	33208987	bladder
24813	PARD3	10	34759140	melanoma
24814	CUL2	10	35318445	melanoma
24815	CUL2	10	35318445	melanoma
24816	CUL2	10	35318445	melanoma
24817	CUL2	10	35322141	lung
24818	ANKRD30A	10	37422977	melanoma
24819	ANKRD30A	10	37422977	melanoma
24820	ANKRD30A	10	37451726	melanoma
24821	ANKRD30A	10	37486345	melanoma
24822	ANKRD30A	10	37508205	melanoma
24823	ANKRD30A	10	37508235	melanoma

24824	ANKRD30A	10	37508235	melanoma
24825	ANKRD30A	10	37508365	Classic
24826	ANKRD30A	10	37508365	Classic
24827	ANKRD30A	10	37508365	Gbm
24828	ANKRD30A	10	37508365	Gbm
24829	ANKRD30A	10	37508365	IDHwt
24830	ANKRD30A	10	37508365	IDHwt
24831	ANKRD30A	10	37508365	IDHwt_priGBM
24832	ANKRD30A	10	37508365	IDHwt_priGBM
24833	ANKRD30A	10	37508365	LGG GBM
24834	ANKRD30A	10	37508365	LGG GBM
24835	ANKRD30A	10	37508365	Mesenchymal_like
24836	ANKRD30A	10	37508365	Mesenchymal_like
24837	ANKRD30A	10	37508423	melanoma
24838	ZNF33A	10	38343834	melanoma
24839	ZNF33A	10	38343834	melanoma
24840	ZNF33A	10	38343834	melanoma
24841	ZNF33B	10	43088507	melanoma
24842	ZNF33B	10	43089614	melanoma
24843	ZNF33B	10	43127824	melanoma
24844	RET	10	43595972	Classic
24845	RET	10	43595972	IDHwt
24846	RET	10	43595972	LGG GBM
24847	RET	10	43595972	Mesenchymal_like
24848	RET	10	43595972	OligoAstr
24849	RET	10	43597895	melanoma
24850	RET	10	43597895	melanoma
24851	RET	10	43597895	melanoma
24852	RET	10	43620407	melanoma
24853	RET	10	43620407	melanoma
24854	CSGALNACT2	10	43659402	melanoma
24855	FXYD4	10	43871482	melanoma
24856	ZNF239	10	44052543	melanoma
24857	ZNF239	10	44052543	melanoma
24858	ZNF239	10	44052633	melanoma
24859	ZNF239	10	44053263	melanoma
24860	ZNF485	10	44112006	melanoma
24861	ZNF485	10	44112162	melanoma
24862	ZNF485	10	44112341	Astr
24863	ZNF485	10	44112341	GCIMP_low
24864	ZNF485	10	44112341	IDHmut
24865	ZNF485	10	44112341	IDHmut_noncodel
24866	ZNF485	10	44112341	LGG GBM
24867	ZNF32	10	44140057	lung
24868	CXCL12	10	44873288	melanoma
24869	CXCL12	10	44873288	melanoma
24870	CXCL12	10	44876292	melanoma
24871	RASSF4	10	45478071	melanoma
24872	RASSF4	10	45478071	melanoma
24873	OR13A1	10	45799279	melanoma
24874	OR13A1	10	45799342	melanoma
24875	OR13A1	10	45799644	GCIMP_high
24876	OR13A1	10	45799644	IDHmut
24877	OR13A1	10	45799644	IDHmut_noncodel
24878	OR13A1	10	45799644	LGG GBM
24879	OR13A1	10	45799644	Oligo
24880	OR13A1	10	45799644	Proneural
24881	ALOX5	10	45877943	melanoma

24882	ALOX5	10	45936007	lung
24883	ALOX5	10	45938556	melanoma
24884	ALOX5	10	45938556	melanoma
24885	ALOX5	10	45939245	melanoma
24886	8-Mar	10	45953880	lung
24887	8-Mar	10	45953880	lung
24888	ZFAND4	10	46122244	melanoma
24889	ZFAND4	10	46122244	melanoma
24890	ZFAND4	10	46122388	melanoma
24891	SYT15	10	46967718	melanoma
24892	NPY4R;NPY4R2	10	47087225	melanoma
24893	NPY4R;NPY4R2	10	47087737	lung
24894	ZNF488	10	48371305	melanoma
24895	RBP3	10	48385997	melanoma
24896	RBP3	10	48388705	melanoma
24897	RBP3	10	48388705	melanoma
24898	RBP3	10	48390487	lung
24899	RBP3	10	48390589	Classic_like
24900	RBP3	10	48390589	Gbm
24901	RBP3	10	48390589	IDHwt
24902	RBP3	10	48390589	IDHwt_priGBM
24903	RBP3	10	48390589	LGG GBM
24904	GDF10	10	48429486	melanoma
24905	GDF10	10	48429486	melanoma
24906	GDF10	10	48438563	lung
24907	FRMPD2	10	49376672	melanoma
24908	FRMPD2	10	49430457	melanoma
24909	FRMPD2	10	49450263	melanoma
24910	FRMPD2	10	49459701	melanoma
24911	FRMPD2	10	49459701	melanoma
24912	FRMPD2	10	49459701	melanoma
24913	MAPK8	10	49612951	melanoma
24914	MAPK8	10	49628355	lung
24915	MAPK8	10	49628355	lung
24916	ARHGAP22	10	49654505	melanoma
24917	ARHGAP22	10	49658517	melanoma
24918	WDFY4	10	49934046	melanoma
24919	WDFY4	10	49951152	melanoma
24920	WDFY4	10	49982546	bladder
24921	WDFY4	10	49982546	bladder
24922	VSTM4	10	50256543	melanoma
24923	VSTM4	10	50315705	melanoma
24924	C10orf128	10	50374944	melanoma
24925	C10orf71	10	50530690	melanoma
24926	C10orf71	10	50532604	melanoma
24927	DRGX	10	50594535	melanoma
24928	ERCC6	10	50669468	melanoma
24929	SLC18A3	10	50819682	lung
24930	SLC18A3	10	50819954	melanoma
24931	CHAT	10	50835781	Classic_like
24932	CHAT	10	50835781	Gbm
24933	CHAT	10	50835781	IDHwt
24934	CHAT	10	50835781	IDHwt_priGBM
24935	CHAT	10	50835781	LGG GBM
24936	CHAT	10	50870733	melanoma
24937	CHAT	10	50870769	melanoma
24938	CHAT	10	50870769	melanoma
24939	CHAT	10	50873009	Classic

24940	CHAT	10	50873009	Gbm
24941	CHAT	10	50873009	IDHwt
24942	CHAT	10	50873009	IDHwt_priGBM
24943	CHAT	10	50873009	LGG GBM
24944	CHAT	10	50873009	Mesenchymal_like
24945	OGDHL	10	50943317	melanoma
24946	OGDHL	10	50952126	melanoma
24947	OGDHL	10	50953927	melanoma
24948	OGDHL	10	50955124	melanoma
24949	OGDHL	10	50955160	bladder
24950	OGDHL	10	50958925	melanoma
24951	WASHC2A	10	51889218	melanoma
24952	ASAH2	10	52005124	melanoma
24953	ASAH2	10	52005124	melanoma
24954	SGMS1	10	52103444	melanoma
24955	SGMS1	10	52103444	melanoma
24956	A1CF	10	52575822	melanoma
24957	A1CF	10	52595989	lung
24958	A1CF	10	52596003	melanoma
24959	A1CF	10	52596028	melanoma
24960	A1CF	10	52601629	melanoma
24961	PRKG1	10	52912931	lung
24962	PRKG1	10	54048737	melanoma
24963	PRKG1	10	54050036	melanoma
24964	MBL2	10	54531293	melanoma
24965	PCDH15	10	55581775	melanoma
24966	PCDH15	10	55581775	melanoma
24967	PCDH15	10	55582541	melanoma
24968	PCDH15	10	55582541	melanoma
24969	PCDH15	10	55583026	melanoma
24970	PCDH15	10	55587279	melanoma
24971	PCDH15	10	55587279	melanoma
24972	PCDH15	10	55698616	melanoma
24973	PCDH15	10	55755479	melanoma
24974	PCDH15	10	55892673	melanoma
24975	PCDH15	10	55892673	melanoma
24976	PCDH15	10	56089442	melanoma
24977	ZWINT	10	58118447	lung
24978	ZWINT	10	58118447	lung
24979	ZWINT	10	58118576	GCIMP_low
24980	ZWINT	10	58118576	IDHmut
24981	ZWINT	10	58118576	IDHmut_noncodel
24982	ZWINT	10	58118576	LGG GBM
24983	ZWINT	10	58118576	Mesenchymal
24984	IPMK	10	59955902	lung
24985	PHYHIPL	10	60998368	melanoma
24986	FAM13C	10	61029780	melanoma
24987	FAM13C	10	61029780	melanoma
24988	FAM13C	10	61062601	melanoma
24989	CCDC6	10	61564190	Codel
24990	CCDC6	10	61564190	IDHmut
24991	CCDC6	10	61564190	IDHmut_codel
24992	CCDC6	10	61564190	LGG GBM
24993	CCDC6	10	61564190	Neural
24994	CCDC6	10	61564190	OligoAstr
24995	ANK3	10	61815480	melanoma
24996	ANK3	10	61829397	lung
24997	ANK3	10	61829840	melanoma

24998	ANK3	10	61829841	melanoma
24999	ANK3	10	61830063	melanoma
25000	ANK3	10	61830989	melanoma
25001	ANK3	10	61831317	melanoma
25002	ANK3	10	61831580	melanoma
25003	ANK3	10	61831782	melanoma
25004	ANK3	10	61831869	melanoma
25005	ANK3	10	61831887	melanoma
25006	ANK3	10	61831907	lung
25007	ANK3	10	61833003	lung
25008	ANK3	10	61833018	melanoma
25009	ANK3	10	61833110	melanoma
25010	ANK3	10	61833128	melanoma
25011	ANK3	10	61833963	melanoma
25012	ANK3	10	61834915	melanoma
25013	ANK3	10	61835240	melanoma
25014	ANK3	10	61835813	Astr
25015	ANK3	10	61835813	Astr
25016	ANK3	10	61835813	IDHwt
25017	ANK3	10	61835813	IDHwt
25018	ANK3	10	61835813	LGG GBM
25019	ANK3	10	61835813	LGG GBM
25020	ANK3	10	61835813	Mesenchymal_like
25021	ANK3	10	61835813	Mesenchymal_like
25022	ANK3	10	61836071	melanoma
25023	ANK3	10	61844454	melanoma
25024	ANK3	10	61868750	melanoma
25025	ANK3	10	61868778	melanoma
25026	ANK3	10	61932103	melanoma
25027	ANK3	10	61946538	melanoma
25028	ANK3	10	61946538	melanoma
25029	ANK3	10	61946610	melanoma
25030	ANK3	10	61955953	melanoma
25031	ANK3	10	61962803	melanoma
25032	ANK3	10	62039342	melanoma
25033	ARID5B	10	63852764	melanoma
25034	RTKN2	10	63957831	IDHwt
25035	RTKN2	10	63957831	LGG GBM
25036	RTKN2	10	63957831	Mesenchymal_like
25037	RTKN2	10	63957831	Neural
25038	RTKN2	10	63957831	OligoAstr
25039	JMJD1C	10	64958366	melanoma
25040	JMJD1C	10	64968523	melanoma
25041	JMJD1C	10	64973702	melanoma
25042	JMJD1C	10	64973702	melanoma
25043	JMJD1C	10	65140164	melanoma
25044	JMJD1C	10	65140164	melanoma
25045	JMJD1C	10	65140164	melanoma
25046	REEP3	10	65357789	melanoma
25047	REEP3	10	65357789	melanoma
25048	REEP3	10	65369969	IDHwt_priGBM2
25049	CTNNA3	10	67680263	melanoma
25050	CTNNA3	10	68138995	melanoma
25051	CTNNA3	10	68535278	melanoma
25052	LRRTM3	10	68687408	melanoma
25053	LRRTM3	10	68687854	melanoma
25054	DNAJC12	10	69556939	melanoma
25055	DNAJC12	10	69556939	melanoma

25056	SIRT1	10	69676279	melanoma
25057	HERC4	10	69750752	lung
25058	MYPN	10	69961673	lung
25059	MYPN	10	69970145	melanoma
25060	PBLD	10	70056708	lung
25061	RUFY2	10	70143626	melanoma
25062	SLC25A16	10	70243221	melanoma
25063	TET1	10	70332622	Classic_like
25064	TET1	10	70332622	Gbm
25065	TET1	10	70332622	IDHwt
25066	TET1	10	70332622	IDHwt_priGBM
25067	TET1	10	70332622	LGG GBM
25068	TET1	10	70406229	melanoma
25069	TET1	10	70406229	melanoma
25070	CCAR1	10	70509310	melanoma
25071	DDX21	10	70723175	hnscc
25072	KIF1BP	10	70748721	melanoma
25073	HKDC1	10	70986987	Astr
25074	HKDC1	10	70986987	IDHwt
25075	HKDC1	10	70986987	LGG GBM
25076	HKDC1	10	70986987	Mesenchymal_like
25077	HKDC1	10	71008221	melanoma
25078	HKDC1	10	71010069	melanoma
25079	COL13A1	10	71703921	melanoma
25080	H2AFY2	10	71851535	melanoma
25081	H2AFY2	10	71851535	melanoma
25082	AIFM2	10	71874730	lung
25083	AIFM2	10	71877627	melanoma
25084	AIFM2	10	71877627	melanoma
25085	NPFFR1	10	72015563	melanoma
25086	NPFFR1	10	72015563	melanoma
25087	LRRC20	10	72100434	melanoma
25088	PALD1	10	72285813	melanoma
25089	PALD1	10	72285813	melanoma
25090	PALD1	10	72285813	melanoma
25091	PALD1	10	72297619	melanoma
25092	PALD1	10	72299465	melanoma
25093	PRF1	10	72360475	melanoma
25094	ADAMTS14	10	72511269	lung
25095	ADAMTS14	10	72511336	melanoma
25096	ADAMTS14	10	72511399	melanoma
25097	SGPL1	10	72633179	melanoma
25098	UNC5B	10	73044503	melanoma
25099	UNC5B	10	73046449	melanoma
25100	UNC5B	10	73053617	melanoma
25101	SLC29A3	10	73122169	melanoma
25102	CDH23	10	73330670	melanoma
25103	CDH23	10	73337707	melanoma
25104	CDH23	10	73406381	melanoma
25105	CDH23	10	73492066	bladder
25106	CDH23	10	73498312	lung
25107	CDH23	10	73537483	melanoma
25108	CDH23	10	73545413	melanoma
25109	CDH23	10	73556890	melanoma
25110	CDH23	10	73556890	melanoma
25111	ASCC1	10	73912678	lung
25112	ASCC1	10	73912678	lung
25113	MICU1	10	74234889	Gbm

25114	MICU1	10	74234889	IDHwt
25115	MICU1	10	74234889	IDHwt_priGBM
25116	MICU1	10	74234889	LGG GBM
25117	MICU1	10	74234889	Mesenchymal
25118	MICU1	10	74234889	Mesenchymal_like
25119	OIT3	10	74692268	melanoma
25120	PLA2G12B	10	74695419	hnscc
25121	PLA2G12B	10	74695419	hnscc
25122	PLA2G12B	10	74714355	melanoma
25123	P4HA1	10	74813264	lung
25124	P4HA1	10	74813264	lung
25125	ANXA7	10	75138775	melanoma
25126	ANXA7	10	75138775	melanoma
25127	ANXA7	10	75158083	melanoma
25128	MSS51	10	75184423	melanoma
25129	PPP3CB	10	75198097	melanoma
25130	USP54	10	75260418	Codel
25131	USP54	10	75260418	IDHmut
25132	USP54	10	75260418	IDHmut_codel
25133	USP54	10	75260418	LGG GBM
25134	USP54	10	75260418	Oligo
25135	USP54	10	75260418	Proneural
25136	USP54	10	75289955	melanoma
25137	MYOZ1	10	75391863	melanoma
25138	AGAP5	10	75451817	bladder
25139	SEC24C	10	75519805	melanoma
25140	SEC24C	10	75519805	melanoma
25141	ZSWIM8	10	75550768	melanoma
25142	ZSWIM8	10	75557213	melanoma
25143	ZSWIM8	10	75558113	lung
25144	NDST2	10	75563069	bladder
25145	CAMK2G	10	75607804	melanoma
25146	CAMK2G	10	75607804	melanoma
25147	CAMK2G	10	75607804	melanoma
25148	PLAU	10	75675060	melanoma
25149	AP3M1	10	75893895	Astr
25150	AP3M1	10	75893895	GCIMP_high
25151	AP3M1	10	75893895	IDHmut
25152	AP3M1	10	75893895	IDHmut_noncodel
25153	AP3M1	10	75893895	LGG GBM
25154	KAT6B	10	76735758	Gbm
25155	KAT6B	10	76735758	Gbm
25156	KAT6B	10	76735758	IDHwt
25157	KAT6B	10	76735758	IDHwt
25158	KAT6B	10	76735758	IDHwt_priGBM
25159	KAT6B	10	76735758	IDHwt_priGBM
25160	KAT6B	10	76735758	LGG GBM
25161	KAT6B	10	76735758	LGG GBM
25162	KAT6B	10	76735758	LGm6_GBM
25163	KAT6B	10	76735758	LGm6_GBM
25164	KAT6B	10	76735831	melanoma
25165	KAT6B	10	76789909	melanoma
25166	DUPD1	10	76803633	melanoma
25167	SAMD8	10	76936182	melanoma
25168	ZNF503	10	77158601	melanoma
25169	KCNMA1	10	78647166	hnscc
25170	KCNMA1	10	78647227	melanoma
25171	KCNMA1	10	78674711	melanoma

25172	KCNMA1	10	78787619	melanoma
25173	DLG5	10	79565531	melanoma
25174	DLG5	10	79601943	Codel
25175	DLG5	10	79601943	Codel
25176	DLG5	10	79601943	IDHmut
25177	DLG5	10	79601943	IDHmut
25178	DLG5	10	79601943	IDHmut_codel
25179	DLG5	10	79601943	IDHmut_codel
25180	DLG5	10	79601943	LGG GBM
25181	DLG5	10	79601943	LGG GBM
25182	DLG5	10	79601943	Oligo
25183	DLG5	10	79601943	Oligo
25184	DLG5	10	79601943	Proneural
25185	DLG5	10	79601943	Proneural
25186	DLG5	10	79616512	melanoma
25187	POLR3A	10	79781312	melanoma
25188	POLR3A	10	79781984	melanoma
25189	RPS24	10	79814646	lung
25190	ZMIZ1	10	81066012	Classic_like
25191	ZMIZ1	10	81066012	Gbm
25192	ZMIZ1	10	81066012	IDHwt
25193	ZMIZ1	10	81066012	IDHwt_priGBM
25194	ZMIZ1	10	81066012	LGG GBM
25195	ZMIZ1	10	81066012	Mesenchymal
25196	EIF5AL1	10	81272794	melanoma
25197	SFTPA2	10	81317099	melanoma
25198	SFTPA2	10	81317099	melanoma
25199	SFTPA2	10	81317811	melanoma
25200	SFTPD	10	81706334	melanoma
25201	SFTPD	10	81706334	melanoma
25202	MAT1A	10	82036188	melanoma
25203	DYDC1	10	82098285	melanoma
25204	DYDC1	10	82111674	melanoma
25205	DYDC1	10	82112233	melanoma
25206	DYDC2	10	82126544	melanoma
25207	TSPAN14	10	82271936	melanoma
25208	SH2D4B	10	82369296	melanoma
25209	SH2D4B	10	82369296	melanoma
25210	NRG3	10	84498389	melanoma
25211	NRG3	10	84498389	melanoma
25212	NRG3	10	84498389	melanoma
25213	NRG3	10	84744913	lung
25214	GHITM	10	85901348	melanoma
25215	GHITM	10	85901348	melanoma
25216	GHITM	10	85901348	melanoma
25217	GHITM	10	85901348	melanoma
25218	GHITM	10	85901348	melanoma
25219	GHITM	10	85910626	melanoma
25220	C10orf99	10	85936298	melanoma
25221	CDHR1	10	85965592	lung
25222	LRIT2	10	85984352	melanoma
25223	LRIT2	10	85984379	melanoma
25224	LRIT1	10	85997336	melanoma
25225	RGR	10	86008671	melanoma
25226	RGR	10	86008671	melanoma
25227	RGR	10	86014180	melanoma
25228	RGR	10	86017694	Gbm
25229	RGR	10	86017694	GCIMP_high

25230	RGR	10	86017694	IDHmut
25231	RGR	10	86017694	IDHmut_noncodel
25232	RGR	10	86017694	LGG GBM
25233	RGR	10	86017694	Proneural
25234	CCSER2	10	86131233	melanoma
25235	GRID1	10	87362088	melanoma
25236	GRID1	10	87362281	melanoma
25237	GRID1	10	87362281	melanoma
25238	GRID1	10	87898634	GCIMP_high
25239	GRID1	10	87898634	GCIMP_high
25240	GRID1	10	87898634	IDHmut
25241	GRID1	10	87898634	IDHmut
25242	GRID1	10	87898634	IDHmut_noncodel
25243	GRID1	10	87898634	IDHmut_noncodel
25244	GRID1	10	87898634	LGG GBM
25245	GRID1	10	87898634	LGG GBM
25246	GRID1	10	87898634	Neural
25247	GRID1	10	87898634	Neural
25248	GRID1	10	87898634	Oligo
25249	GRID1	10	87898634	Oligo
25250	GRID1	10	87898647	melanoma
25251	OPN4	10	88418318	Classic
25252	OPN4	10	88418318	Classic_like
25253	OPN4	10	88418318	IDHwt
25254	OPN4	10	88418318	LGG GBM
25255	OPN4	10	88418318	OligoAstr
25256	LDB3	10	88441196	melanoma
25257	LDB3	10	88441196	melanoma
25258	LDB3	10	88485939	melanoma
25259	BMPR1A	10	88672009	bladder
25260	GLUD1	10	88818928	melanoma
25261	FAM35A	10	88911895	lung
25262	FAM35A	10	88950378	melanoma
25263	PTEN	10	89624256	Classic
25264	PTEN	10	89624256	Classic_like
25265	PTEN	10	89624256	IDHwt
25266	PTEN	10	89624256	LGG GBM
25267	PTEN	10	89624256	OligoAstr
25268	PTEN	10	89624301	Astr
25269	PTEN	10	89624301	Classic
25270	PTEN	10	89624301	Classic_like
25271	PTEN	10	89624301	IDHwt
25272	PTEN	10	89624301	LGG GBM
25273	PTEN	10	89692830	Astr
25274	PTEN	10	89692830	IDHwt
25275	PTEN	10	89692830	LGG GBM
25276	PTEN	10	89692830	Mesenchymal
25277	PTEN	10	89692830	Mesenchymal_like
25278	PTEN	10	89692877	Astr
25279	PTEN	10	89692877	IDHwt
25280	PTEN	10	89692877	LGG GBM
25281	PTEN	10	89692877	Mesenchymal
25282	PTEN	10	89692877	Mesenchymal_like
25283	PTEN	10	89692911	Classic
25284	PTEN	10	89692911	Gbm
25285	PTEN	10	89692911	IDHwt
25286	PTEN	10	89692911	IDHwt_priGBM
25287	PTEN	10	89692911	LGG GBM

25288	PTEN	10	89692911	Mesenchymal_like
25289	PTEN	10	89692922	IDHwt_priGBM2
25290	PTEN	10	89692923	Classic
25291	PTEN	10	89692923	Gbm
25292	PTEN	10	89692923	IDHwt
25293	PTEN	10	89692923	IDHwt_priGBM
25294	PTEN	10	89692923	LGG GBM
25295	PTEN	10	89692923	Mesenchymal_like
25296	PTEN	10	89692923	Classic_like
25297	PTEN	10	89692923	Gbm
25298	PTEN	10	89692923	IDHwt
25299	PTEN	10	89692923	IDHwt_priGBM
25300	PTEN	10	89692923	LGG GBM
25301	PTEN	10	89711899	Gbm
25302	PTEN	10	89711899	IDHwt
25303	PTEN	10	89711899	IDHwt_priGBM
25304	PTEN	10	89711899	LGG GBM
25305	PTEN	10	89711899	Mesenchymal
25306	PTEN	10	89711899	Mesenchymal_like
25307	PTEN	10	89720664	Classic_like
25308	PTEN	10	89720664	Gbm
25309	PTEN	10	89720664	IDHwt
25310	PTEN	10	89720664	IDHwt_priGBM
25311	PTEN	10	89720664	LGG GBM
25312	RNLS	10	90332737	melanoma
25313	LIPJ	10	90356591	melanoma
25314	STAMBPL1	10	90681056	melanoma
25315	IFIT3	10	91098800	melanoma
25316	IFIT1B	10	91143086	bladder
25317	SLC16A12	10	91203608	melanoma
25318	PANK1	10	91348468	melanoma
25319	PANK1	10	91352982	melanoma
25320	HTR7	10	92508680	Gbm
25321	HTR7	10	92508680	IDHwt
25322	HTR7	10	92508680	IDHwt_priGBM
25323	HTR7	10	92508680	LGG GBM
25324	HTR7	10	92508680	Mesenchymal
25325	HTR7	10	92508680	Mesenchymal_like
25326	RPP30	10	92635839	melanoma
25327	HECTD2	10	93272113	melanoma
25328	TNKS2	10	93600409	melanoma
25329	TNKS2	10	93621838	melanoma
25330	BTAF1	10	93743988	melanoma
25331	BTAF1	10	93773694	melanoma
25332	CPEB3	10	93902794	melanoma
25333	CPEB3	10	93902794	melanoma
25334	CPEB3	10	93902794	melanoma
25335	CPEB3	10	93952331	bladder
25336	5-Mar	10	94109442	lung
25337	KIF11	10	94372808	bladder
25338	KIF11	10	94372808	bladder
25339	KIF11	10	94413488	melanoma
25340	HHEX	10	94452156	bladder
25341	CYP26C1	10	94821096	lung
25342	CYP26C1	10	94821096	lung
25343	MYOF	10	95072917	melanoma
25344	MYOF	10	95137083	IDHwt_priGBM2
25345	FFAR4	10	95335897	melanoma

25346	FFAR4	10	95335897	melanoma
25347	FFAR4	10	95346990	melanoma
25348	PDE6C	10	95386436	melanoma
25349	PDE6C	10	95386436	melanoma
25350	PDE6C	10	95399866	melanoma
25351	LGI1	10	95552982	melanoma
25352	LGI1	10	95552982	melanoma
25353	LGI1	10	95556892	melanoma
25354	LGI1	10	95557285	melanoma
25355	PLCE1	10	96068362	melanoma
25356	PLCE1	10	96068446	melanoma
25357	PLCE1	10	96081715	melanoma
25358	PLCE1	10	96084230	melanoma
25359	CYP2C18	10	96480238	Astr
25360	CYP2C18	10	96480238	Astr
25361	CYP2C18	10	96480238	IDHwt
25362	CYP2C18	10	96480238	IDHwt
25363	CYP2C18	10	96480238	LGG GBM
25364	CYP2C18	10	96480238	LGG GBM
25365	CYP2C18	10	96480238	Neural
25366	CYP2C18	10	96480238	Neural
25367	CYP2C18	10	96480238	PA_like
25368	CYP2C18	10	96480238	PA_like
25369	CYP2C18	10	96480258	melanoma
25370	CYP2C19	10	96534930	melanoma
25371	CYP2C19	10	96540267	melanoma
25372	CYP2C19	10	96541714	melanoma
25373	CYP2C19	10	96602710	melanoma
25374	CYP2C19	10	96602738	melanoma
25375	CYP2C19	10	96612622	Astr
25376	CYP2C19	10	96612622	Classic
25377	CYP2C19	10	96612622	Classic_like
25378	CYP2C19	10	96612622	IDHwt
25379	CYP2C19	10	96612622	LGG GBM
25380	CYP2C9	10	96709036	melanoma
25381	CYP2C9	10	96741062	melanoma
25382	CYP2C8	10	96818177	melanoma
25383	CYP2C8	10	96824706	melanoma
25384	CYP2C8	10	96824714	melanoma
25385	CYP2C8	10	96827325	melanoma
25386	CYP2C8	10	96829107	melanoma
25387	PDLIM1	10	97028582	melanoma
25388	PDLIM1	10	97031415	melanoma
25389	SORBS1	10	97096883	Gbm
25390	SORBS1	10	97096883	IDHwt
25391	SORBS1	10	97096883	IDHwt_priGBM
25392	SORBS1	10	97096883	LGG GBM
25393	SORBS1	10	97096883	LGm6_GBM
25394	SORBS1	10	97096883	Proneural
25395	ENTPD1	10	97599473	melanoma
25396	ENTPD1	10	97599473	melanoma
25397	ENTPD1	10	97605280	Astr
25398	ENTPD1	10	97605280	GCIMP_high
25399	ENTPD1	10	97605280	IDHmut
25400	ENTPD1	10	97605280	IDHmut_noncodel
25401	ENTPD1	10	97605280	LGG GBM
25402	ENTPD1	10	97605280	Proneural
25403	CC2D2B	10	97773576	melanoma

25404	CC2D2B	10	97773576	melanoma
25405	BLNK	10	97956726	melanoma
25406	BLNK	10	98006754	melanoma
25407	DNTT	10	98079113	melanoma
25408	TLL2	10	98156997	melanoma
25409	TLL2	10	98173027	Classic
25410	TLL2	10	98173027	Classic_like
25411	TLL2	10	98173027	Gbm
25412	TLL2	10	98173027	IDHwt
25413	TLL2	10	98173027	IDHwt_priGBM
25414	TLL2	10	98173027	LGG GBM
25415	TM9SF3	10	98303846	melanoma
25416	TM9SF3	10	98303846	melanoma
25417	TM9SF3	10	98303846	melanoma
25418	TM9SF3	10	98311047	melanoma
25419	TM9SF3	10	98321833	bladder
25420	PIK3AP1	10	98405365	melanoma
25421	PIK3AP1	10	98405365	melanoma
25422	PIK3AP1	10	98411291	Gbm
25423	PIK3AP1	10	98411291	Gbm
25424	PIK3AP1	10	98411291	IDHwt
25425	PIK3AP1	10	98411291	IDHwt
25426	PIK3AP1	10	98411291	IDHwt_priGBM
25427	PIK3AP1	10	98411291	IDHwt_priGBM
25428	PIK3AP1	10	98411291	LGG GBM
25429	PIK3AP1	10	98411291	LGG GBM
25430	PIK3AP1	10	98411291	Mesenchymal
25431	PIK3AP1	10	98411291	Mesenchymal
25432	PIK3AP1	10	98411291	Mesenchymal_like
25433	PIK3AP1	10	98411291	Mesenchymal_like
25434	PIK3AP1	10	98411396	melanoma
25435	PIK3AP1	10	98469593	melanoma
25436	LCOR	10	98741829	melanoma
25437	LCOR	10	98742250	melanoma
25438	LCOR	10	98744245	melanoma
25439	SLIT1	10	98764468	melanoma
25440	SLIT1	10	98764468	melanoma
25441	SLIT1	10	98766304	lung
25442	SLIT1	10	98806812	lung
25443	SLIT1	10	98806812	lung
25444	SLIT1	10	98806812	lung
25445	SLIT1	10	98825811	melanoma
25446	SLIT1	10	98825811	melanoma
25447	SLIT1	10	98924616	Codel
25448	SLIT1	10	98924616	IDHmut
25449	SLIT1	10	98924616	IDHmut_codel
25450	SLIT1	10	98924616	LGG GBM
25451	SLIT1	10	98924616	Oligo
25452	SLIT1	10	98924616	Proneural
25453	ARHGAP19	10	99025844	melanoma
25454	ARHGAP19	10	99025844	melanoma
25455	RRP12	10	99133362	melanoma
25456	ZDHHHC16	10	99211518	melanoma
25457	HOGA1	10	99344537	melanoma
25458	CRTAC1	10	99683065	melanoma
25459	CRTAC1	10	99696040	melanoma
25460	CRTAC1	10	99696040	melanoma
25461	LOXL4	10	100015478	melanoma

25462	LOXL4	10	100015492	melanoma
25463	LOXL4	10	100018900	melanoma
25464	PYROXD2	10	100144764	lung
25465	PYROXD2	10	100157220	lung
25466	PYROXD2	10	100159977	melanoma
25467	HPS1	10	100184119	lung
25468	HPS1	10	100184119	lung
25469	HPSE2	10	100219410	melanoma
25470	CNNM1	10	101122047	melanoma
25471	CNNM1	10	101122047	melanoma
25472	ABCC2	10	101544437	melanoma
25473	ABCC2	10	101553730	melanoma
25474	ABCC2	10	101591745	melanoma
25475	ABCC2	10	101606794	lung
25476	DNMBP	10	101668888	melanoma
25477	DNMBP	10	101716779	Classic
25478	DNMBP	10	101716779	Classic_like
25479	DNMBP	10	101716779	Gbm
25480	DNMBP	10	101716779	IDHwt
25481	DNMBP	10	101716779	IDHwt_priGBM
25482	DNMBP	10	101716779	LGG GBM
25483	ERLIN1	10	101915959	melanoma
25484	CWF19L1	10	101995440	melanoma
25485	SCD	10	102114253	melanoma
25486	SEC31B	10	102258527	melanoma
25487	SEC31B	10	102267747	melanoma
25488	SLF2	10	102698355	melanoma
25489	SEMA4G	10	102740747	melanoma
25490	PDZD7	10	102781991	lung
25491	PDZD7	10	102789858	Codel
25492	PDZD7	10	102789858	IDHmut
25493	PDZD7	10	102789858	IDHmut_codel
25494	PDZD7	10	102789858	LGG GBM
25495	PDZD7	10	102789858	Oligo
25496	PDZD7	10	102789858	Proneural
25497	BTRC	10	103290996	melanoma
25498	POLL	10	103340049	bladder
25499	DPCD	10	103354465	melanoma
25500	HPS6	10	103826061	melanoma
25501	LDB1	10	103869245	melanoma
25502	LDB1	10	103869245	melanoma
25503	LDB1	10	103871263	Astr
25504	LDB1	10	103871263	Astr
25505	LDB1	10	103871263	GCIMP_high
25506	LDB1	10	103871263	GCIMP_high
25507	LDB1	10	103871263	IDHmut
25508	LDB1	10	103871263	IDHmut
25509	LDB1	10	103871263	IDHmut_noncodel
25510	LDB1	10	103871263	IDHmut_noncodel
25511	LDB1	10	103871263	LGG GBM
25512	LDB1	10	103871263	LGG GBM
25513	LDB1	10	103871263	Proneural
25514	LDB1	10	103871263	Proneural
25515	PPRC1	10	103897764	melanoma
25516	PPRC1	10	103897764	melanoma
25517	PPRC1	10	103899503	melanoma
25518	PPRC1	10	103908170	melanoma
25519	NOLC1	10	103912199	melanoma

25520	NOLC1	10	103912199	melanoma
25521	ELOVL3	10	103986396	lung
25522	ELOVL3	10	103988272	melanoma
25523	ELOVL3	10	103988272	melanoma
25524	GBF1	10	104120852	bladder
25525	GBF1	10	104136061	melanoma
25526	GBF1	10	104136061	melanoma
25527	GBF1	10	104136061	melanoma
25528	GBF1	10	104140025	melanoma
25529	MFSD13A	10	104228827	Codel
25530	MFSD13A	10	104228827	Codel
25531	MFSD13A	10	104228827	IDHmut
25532	MFSD13A	10	104228827	IDHmut
25533	MFSD13A	10	104228827	IDHmut_codel
25534	MFSD13A	10	104228827	IDHmut_codel
25535	MFSD13A	10	104228827	LGG GBM
25536	MFSD13A	10	104228827	LGG GBM
25537	MFSD13A	10	104228827	Proneural
25538	MFSD13A	10	104228827	Proneural
25539	SUFU	10	104352444	melanoma
25540	CYP17A1	10	104593858	melanoma
25541	PDCD11	10	105162987	melanoma
25542	PDCD11	10	105164882	melanoma
25543	PDCD11	10	105185167	melanoma
25544	PDCD11	10	105199511	melanoma
25545	CALHM2	10	105209166	Astr
25546	CALHM2	10	105209166	IDHwt
25547	CALHM2	10	105209166	LGG GBM
25548	CALHM2	10	105209166	Neural
25549	CALHM2	10	105209166	PA_like
25550	CALHM1	10	105215048	melanoma
25551	CALHM1	10	105215048	melanoma
25552	CALHM3	10	105238617	lung
25553	CALHM3	10	105238617	melanoma
25554	CALHM3	10	105238617	melanoma
25555	NEURL1	10	105331319	melanoma
25556	NEURL1	10	105331319	melanoma
25557	NEURL1	10	105331484	Astr
25558	NEURL1	10	105331484	GCIMP_high
25559	NEURL1	10	105331484	IDHmut
25560	NEURL1	10	105331484	IDHmut_noncodel
25561	NEURL1	10	105331484	LGG GBM
25562	NEURL1	10	105344649	bladder
25563	NEURL1	10	105344974	melanoma
25564	SLK	10	105752868	melanoma
25565	SLK	10	105752880	melanoma
25566	SLK	10	105752880	melanoma
25567	COL17A1	10	105798253	Gbm
25568	COL17A1	10	105798253	IDHwt
25569	COL17A1	10	105798253	IDHwt_priGBM
25570	COL17A1	10	105798253	LGG GBM
25571	COL17A1	10	105798253	Mesenchymal
25572	COL17A1	10	105798253	Mesenchymal_like
25573	COL17A1	10	105822042	melanoma
25574	COL17A1	10	105822042	melanoma
25575	COL17A1	10	105824268	melanoma
25576	COL17A1	10	105824268	melanoma
25577	SFR1	10	105883518	melanoma

25578	CFAP43	10	105905265	hnscc
25579	CFAP43	10	105912450	melanoma
25580	CFAP43	10	105990414	GCIMP_high
25581	CFAP43	10	105990414	GCIMP_high
25582	CFAP43	10	105990414	IDHmut
25583	CFAP43	10	105990414	IDHmut
25584	CFAP43	10	105990414	IDHmut_noncodel
25585	CFAP43	10	105990414	IDHmut_noncodel
25586	CFAP43	10	105990414	LGG GBM
25587	CFAP43	10	105990414	LGG GBM
25588	CFAP43	10	105990414	Oligo
25589	CFAP43	10	105990414	Oligo
25590	GSTO2	10	106037738	melanoma
25591	GSTO2	10	106037738	melanoma
25592	ITPRIP	10	106074696	melanoma
25593	ITPRIP	10	106075124	melanoma
25594	ITPRIP	10	106075124	melanoma
25595	ITPRIP	10	106075163	melanoma
25596	ITPRIP	10	106075163	melanoma
25597	ITPRIP	10	106075485	melanoma
25598	CFAP58	10	106121865	melanoma
25599	SORCS3	10	106602608	melanoma
25600	SORCS3	10	106907433	melanoma
25601	SORCS3	10	106907433	melanoma
25602	SORCS3	10	107015536	Classic_like
25603	SORCS3	10	107015536	Gbm
25604	SORCS3	10	107015536	IDHwt
25605	SORCS3	10	107015536	IDHwt_priGBM
25606	SORCS3	10	107015536	LGG GBM
25607	SORCS3	10	107015536	Mesenchymal
25608	SORCS1	10	108339002	melanoma
25609	SORCS1	10	108357202	lung
25610	SORCS1	10	108371769	lung
25611	SORCS1	10	108389038	hnscc
25612	SORCS1	10	108536435	melanoma
25613	SORCS1	10	108536435	melanoma
25614	SORCS1	10	108536435	melanoma
25615	SORCS1	10	108716280	melanoma
25616	SORCS1	10	108716280	melanoma
25617	DUSP5	10	112266714	melanoma
25618	DUSP5	10	112266894	melanoma
25619	SMC3	10	112328741	Gbm
25620	SMC3	10	112328741	IDHwt
25621	SMC3	10	112328741	IDHwt_priGBM
25622	SMC3	10	112328741	LGG GBM
25623	SMC3	10	112328741	Mesenchymal
25624	SMC3	10	112337204	melanoma
25625	SMC3	10	112337204	melanoma
25626	SMC3	10	112352840	melanoma
25627	SMC3	10	112361854	melanoma
25628	RBM20	10	112544571	lung
25629	ADRA2A	10	112839035	bladder
25630	ADRA2A	10	112839099	Codel
25631	ADRA2A	10	112839099	IDHmut
25632	ADRA2A	10	112839099	IDHmut_codel
25633	ADRA2A	10	112839099	LGG GBM
25634	ADRA2A	10	112839099	Oligo
25635	ADRA2A	10	112839099	Proneural

25636	TECTB	10	114044377	melanoma
25637	TECTB	10	114053500	melanoma
25638	ACSL5	10	114154775	melanoma
25639	ACSL5	10	114169427	melanoma
25640	ACSL5	10	114176667	melanoma
25641	ZDHHC6	10	114202077	lung
25642	VTI1A	10	114286873	melanoma
25643	TCF7L2	10	114900973	bladder
25644	TCF7L2	10	114900973	bladder
25645	HABP2	10	115341658	Classic_like
25646	HABP2	10	115341658	Classic_like
25647	HABP2	10	115341658	Gbm
25648	HABP2	10	115341658	Gbm
25649	HABP2	10	115341658	IDHwt
25650	HABP2	10	115341658	IDHwt
25651	HABP2	10	115341658	IDHwt_priGBM
25652	HABP2	10	115341658	IDHwt_priGBM
25653	HABP2	10	115341658	LGG GBM
25654	HABP2	10	115341658	LGG GBM
25655	NRAP	10	115356877	melanoma
25656	NRAP	10	115401229	melanoma
25657	PLEKHS1	10	115528579	melanoma
25658	PLEKHS1	10	115528579	melanoma
25659	PLEKHS1	10	115534014	melanoma
25660	PLEKHS1	10	115534014	melanoma
25661	PLEKHS1	10	115534611	melanoma
25662	PLEKHS1	10	115535546	melanoma
25663	DCLRE1A	10	115602227	melanoma
25664	NHLRC2	10	115664616	Astr
25665	NHLRC2	10	115664616	Codel
25666	NHLRC2	10	115664616	IDHmut
25667	NHLRC2	10	115664616	IDHmut_codel
25668	NHLRC2	10	115664616	LGG GBM
25669	NHLRC2	10	115664616	Proneural
25670	ADRB1	10	115804460	melanoma
25671	TDRD1	10	115961229	bladder
25672	TDRD1	10	115970681	melanoma
25673	TDRD1	10	115982403	melanoma
25674	TDRD1	10	115986839	melanoma
25675	VWA2	10	116046130	melanoma
25676	VWA2	10	116046130	melanoma
25677	ABLIM1	10	116335190	melanoma
25678	ATRNL1	10	117221510	lung
25679	GFRA1	10	117823949	melanoma
25680	GFRA1	10	118030568	IDHwt_priGBM2
25681	PNLIPRP1	10	118351319	bladder
25682	PNLIPRP1	10	118359628	melanoma
25683	KCNK18	10	118969695	melanoma
25684	SLC18A2	10	119017386	Astr
25685	SLC18A2	10	119017386	Astr
25686	SLC18A2	10	119017386	IDHwt
25687	SLC18A2	10	119017386	IDHwt
25688	SLC18A2	10	119017386	LGG GBM
25689	SLC18A2	10	119017386	LGG GBM
25690	SLC18A2	10	119017386	PA_like
25691	SLC18A2	10	119017386	PA_like
25692	SLC18A2	10	119026282	melanoma
25693	PDZD8	10	119044191	melanoma

25694	RAB11FIP2	10	119768622	melanoma
25695	RAB11FIP2	10	119768622	melanoma
25696	RAB11FIP2	10	119799804	melanoma
25697	EIF3A	10	120825066	melanoma
25698	EIF3A	10	120825074	bladder
25699	SFXN4	10	120905812	melanoma
25700	RGS10	10	121275115	melanoma
25701	BAG3	10	121429423	Classic
25702	BAG3	10	121429423	Classic_like
25703	BAG3	10	121429423	IDHwt
25704	BAG3	10	121429423	LGG GBM
25705	INPP5F	10	121563788	melanoma
25706	MCMBP	10	121598206	melanoma
25707	MCMBP	10	121600464	Classic_like
25708	MCMBP	10	121600464	Classic_like
25709	MCMBP	10	121600464	Gbm
25710	MCMBP	10	121600464	Gbm
25711	MCMBP	10	121600464	IDHwt
25712	MCMBP	10	121600464	IDHwt
25713	MCMBP	10	121600464	IDHwt_priGBM
25714	MCMBP	10	121600464	IDHwt_priGBM
25715	MCMBP	10	121600464	LGG GBM
25716	MCMBP	10	121600464	LGG GBM
25717	MCMBP	10	121600464	Proneural
25718	MCMBP	10	121600464	Proneural
25719	SEC23IP	10	121658073	melanoma
25720	SEC23IP	10	121671658	melanoma
25721	PLPP4	10	122334767	melanoma
25722	PLPP4	10	122334767	melanoma
25723	WDR11	10	122659556	melanoma
25724	FGFR2	10	123256206	melanoma
25725	FGFR2	10	123274656	lung
25726	TACC2	10	123843307	melanoma
25727	TACC2	10	123843361	melanoma
25728	TACC2	10	123843399	melanoma
25729	TACC2	10	123844180	melanoma
25730	TACC2	10	123844180	melanoma
25731	TACC2	10	123844180	melanoma
25732	TACC2	10	123844180	melanoma
25733	TACC2	10	123845227	bladder
25734	TACC2	10	123846922	melanoma
25735	TACC2	10	123847056	Astr
25736	TACC2	10	123847056	GCIMP_high
25737	TACC2	10	123847056	IDHmut
25738	TACC2	10	123847056	IDHmut_noncodel
25739	TACC2	10	123847056	LGG GBM
25740	TACC2	10	123847056	Proneural
25741	TACC2	10	123903197	melanoma
25742	TACC2	10	123969975	melanoma
25743	TACC2	10	123970661	melanoma
25744	TACC2	10	123987465	melanoma
25745	TACC2	10	123987497	melanoma
25746	TACC2	10	123997512	lung
25747	HTRA1	10	124221242	bladder
25748	HTRA1	10	124248498	melanoma
25749	DMBT1	10	124361465	lung
25750	DMBT1	10	124395554	hnsc
25751	DMBT1	10	124395554	hnsc

25752	DMBT1	10	124396799	melanoma
25753	DMBT1	10	124399773	melanoma
25754	CUZD1	10	124598691	melanoma
25755	CUZD1	10	124600703	melanoma
25756	CUZD1	10	124600766	melanoma
25757	FAM24A	10	124672387	melanoma
25758	PSTK	10	124742977	melanoma
25759	ACADSB	10	124810596	melanoma
25760	GPR26	10	125426288	lung
25761	GPR26	10	125426288	lung
25762	CPXM2	10	125516860	melanoma
25763	CPXM2	10	125526577	melanoma
25764	CPXM2	10	125528106	melanoma
25765	CHST15	10	125769739	melanoma
25766	CHST15	10	125769814	hnscc
25767	CHST15	10	125804291	lung
25768	CHST15	10	125805533	melanoma
25769	LHPP	10	126185574	melanoma
25770	FAM53B	10	126370403	melanoma
25771	EEF1AKMT2	10	126463311	lung
25772	EEF1AKMT2	10	126463311	lung
25773	ABRAXAS2	10	126523161	melanoma
25774	ABRAXAS2	10	126523161	melanoma
25775	CTBP2	10	126691658	Gbm
25776	CTBP2	10	126691658	IDHwt
25777	CTBP2	10	126691658	IDHwt_priGBM
25778	CTBP2	10	126691658	LGG GBM
25779	CTBP2	10	126691658	Mesenchymal
25780	CTBP2	10	126714827	melanoma
25781	CTBP2	10	126715112	melanoma
25782	CTBP2	10	126715712	melanoma
25783	CTBP2	10	126715712	melanoma
25784	EDRF1	10	127418927	melanoma
25785	EDRF1	10	127436466	melanoma
25786	MMP21	10	127456116	lung
25787	MMP21	10	127461290	melanoma
25788	C10orf90	10	128193563	melanoma
25789	DOCK1	10	129213482	lung
25790	DOCK1	10	129217996	melanoma
25791	CLRN3	10	129682044	bladder
25792	CLRN3	10	129690865	melanoma
25793	MKI67	10	129905653	bladder
25794	MKI67	10	129905653	bladder
25795	MKI67	10	129906964	lung
25796	MKI67	10	129913555	melanoma
25797	MKI67	10	129921413	Astr
25798	MKI67	10	129921413	Classic
25799	MKI67	10	129921413	Classic_like
25800	MKI67	10	129921413	IDHwt
25801	MKI67	10	129921413	LGG GBM
25802	MKI67	10	129923883	lung
25803	MGMT	10	131557562	melanoma
25804	EBF3	10	131639152	melanoma
25805	TCERG1L	10	133058566	lung
25806	TCERG1L	10	133058566	lung
25807	JAKMIP3	10	133953968	lung
25808	DPYSL4	10	134014390	melanoma
25809	STK32C	10	134040402	melanoma

25810	LRRC27	10	134147045	melanoma
25811	LRRC27	10	134179014	melanoma
25812	CFAP46	10	134751117	GCIMP_low
25813	CFAP46	10	134751117	IDHmut
25814	CFAP46	10	134751117	IDHmut_noncodel
25815	CFAP46	10	134751117	LGG GBM
25816	CFAP46	10	134751117	OligoAstr
25817	CFAP46	10	134751117	Proneural
25818	KNDC1	10	135012985	lung
25819	KNDC1	10	135012985	lung
25820	KNDC1	10	135012985	lung
25821	VENTX	10	135053299	Classic_like
25822	VENTX	10	135053299	Gbm
25823	VENTX	10	135053299	IDHwt
25824	VENTX	10	135053299	IDHwt_priGBM
25825	VENTX	10	135053299	LGG GBM
25826	VENTX	10	135053299	Mesenchymal
25827	ADAM8	10	135085413	lung
25828	ADAM8	10	135086068	melanoma
25829	TUBGCP2	10	135110870	lung
25830	PAOX	10	135195080	melanoma
25831	CYP2E1	10	135350581	melanoma
25832	CYP2E1	10	135350635	hnsc
25833	CYP2E1	10	135350635	hnsc
25834	BET1L	11	205414	melanoma
25835	RIC8A	11	210610	Classic
25836	RIC8A	11	210610	Classic_like
25837	RIC8A	11	210610	IDHwt
25838	RIC8A	11	210610	LGG GBM
25839	RIC8A	11	210610	Oligo
25840	NLRP6	11	281299	IDHwt
25841	NLRP6	11	281299	LGG GBM
25842	NLRP6	11	281299	Mesenchymal_like
25843	NLRP6	11	281299	Neural
25844	NLRP6	11	281299	OligoAstr
25845	PGGHG	11	293175	melanoma
25846	PGGHG	11	293175	melanoma
25847	PGGHG	11	293192	melanoma
25848	PGGHG	11	294281	melanoma
25849	PGGHG	11	294281	melanoma
25850	B4GALNT4	11	372897	melanoma
25851	B4GALNT4	11	372897	melanoma
25852	B4GALNT4	11	375516	melanoma
25853	B4GALNT4	11	380337	melanoma
25854	PKP3	11	397030	melanoma
25855	ANO9	11	418775	melanoma
25856	ANO9	11	418775	melanoma
25857	PTDSS2	11	487442	melanoma
25858	PTDSS2	11	487442	melanoma
25859	PTDSS2	11	487442	melanoma
25860	PTDSS2	11	487442	melanoma
25861	LRRC56	11	550082	melanoma
25862	PHRF1	11	581561	lung
25863	PHRF1	11	587346	melanoma
25864	PHRF1	11	597455	melanoma
25865	PHRF1	11	608059	melanoma
25866	PHRF1	11	608059	melanoma
25867	PHRF1	11	608275	melanoma

25868	PHRF1	11	608380	Gbm
25869	PHRF1	11	608380	Gbm
25870	PHRF1	11	608380	IDHwt
25871	PHRF1	11	608380	IDHwt
25872	PHRF1	11	608380	IDHwt_priGBM
25873	PHRF1	11	608380	IDHwt_priGBM
25874	PHRF1	11	608380	LGG GBM
25875	PHRF1	11	608380	LGG GBM
25876	PHRF1	11	608380	Mesenchymal
25877	PHRF1	11	608380	Mesenchymal
25878	PHRF1	11	608380	Mesenchymal_like
25879	PHRF1	11	608380	Mesenchymal_like
25880	CDHR5	11	617686	melanoma
25881	CDHR5	11	621091	melanoma
25882	CDHR5	11	621091	melanoma
25883	CDHR5	11	621105	melanoma
25884	DEAF1	11	681022	melanoma
25885	DEAF1	11	688376	melanoma
25886	PIDD1	11	802284	melanoma
25887	PIDD1	11	803563	melanoma
25888	PIDD1	11	803563	melanoma
25889	MUC6	11	1013972	melanoma
25890	MUC6	11	1015765	melanoma
25891	MUC6	11	1016898	bladder
25892	MUC6	11	1017330	lung
25893	MUC6	11	1025025	Gbm
25894	MUC6	11	1025025	IDHwt
25895	MUC6	11	1025025	IDHwt_priGBM
25896	MUC6	11	1025025	LGG GBM
25897	MUC6	11	1025025	Mesenchymal_like
25898	MUC6	11	1025025	Proneural
25899	MUC6	11	1031970	bladder
25900	MUC2	11	1081718	melanoma
25901	MUC2	11	1084829	melanoma
25902	MUC2	11	1092311	melanoma
25903	MUC2	11	1093664	melanoma
25904	MUC2	11	1093781	melanoma
25905	MUC2	11	1099466	melanoma
25906	MUC5AC	11	1155150	Classic
25907	MUC5AC	11	1155150	Classic
25908	MUC5AC	11	1155150	Classic
25909	MUC5AC	11	1155150	Gbm
25910	MUC5AC	11	1155150	Gbm
25911	MUC5AC	11	1155150	Gbm
25912	MUC5AC	11	1155150	IDHwt
25913	MUC5AC	11	1155150	IDHwt
25914	MUC5AC	11	1155150	IDHwt
25915	MUC5AC	11	1155150	IDHwt_priGBM
25916	MUC5AC	11	1155150	IDHwt_priGBM
25917	MUC5AC	11	1155150	IDHwt_priGBM
25918	MUC5AC	11	1155150	LGG GBM
25919	MUC5AC	11	1155150	LGG GBM
25920	MUC5AC	11	1155150	LGG GBM
25921	MUC5AC	11	1155150	Mesenchymal_like
25922	MUC5AC	11	1155150	Mesenchymal_like
25923	MUC5AC	11	1155150	Mesenchymal_like
25924	MUC5AC	11	1156628	Gbm
25925	MUC5AC	11	1156628	IDHwt

25926	MUC5AC	11	1156628	IDHwt_priGBM
25927	MUC5AC	11	1156628	LGG GBM
25928	MUC5AC	11	1156628	Mesenchymal_like
25929	MUC5B	11	1257622	melanoma
25930	MUC5B	11	1266089	Astr
25931	MUC5B	11	1266089	GCIMP_high
25932	MUC5B	11	1266089	IDHmut
25933	MUC5B	11	1266089	IDHmut_noncodel
25934	MUC5B	11	1266089	LGG GBM
25935	MUC5B	11	1267352	melanoma
25936	MUC5B	11	1270406	Codel
25937	MUC5B	11	1270406	Codel
25938	MUC5B	11	1270406	IDHmut
25939	MUC5B	11	1270406	IDHmut
25940	MUC5B	11	1270406	IDHmut_codel
25941	MUC5B	11	1270406	IDHmut_codel
25942	MUC5B	11	1270406	LGG GBM
25943	MUC5B	11	1270406	LGG GBM
25944	MUC5B	11	1270406	Oligo
25945	MUC5B	11	1270406	Oligo
25946	MUC5B	11	1270406	Proneural
25947	MUC5B	11	1270406	Proneural
25948	MUC5B	11	1271606	Classic
25949	MUC5B	11	1271606	Classic
25950	MUC5B	11	1271606	Classic_like
25951	MUC5B	11	1271606	Classic_like
25952	MUC5B	11	1271606	IDHwt
25953	MUC5B	11	1271606	IDHwt
25954	MUC5B	11	1271606	LGG GBM
25955	MUC5B	11	1271606	LGG GBM
25956	MUC5B	11	1271606	OligoAstr
25957	MUC5B	11	1271606	OligoAstr
25958	MUC5B	11	1271690	Astr
25959	MUC5B	11	1271690	Classic
25960	MUC5B	11	1271690	Classic_like
25961	MUC5B	11	1271690	IDHwt
25962	MUC5B	11	1271690	LGG GBM
25963	BRSK2	11	1471917	melanoma
25964	IFITM10	11	1769163	lung
25965	CTSD	11	1782696	lung
25966	SYT8	11	1857719	melanoma
25967	SYT8	11	1858016	lung
25968	SYT8	11	1858629	melanoma
25969	TNNI2	11	1861876	melanoma
25970	TNNI2	11	1861876	melanoma
25971	IGF2	11	2156621	bladder
25972	TSPAN32	11	2324107	melanoma
25973	TSPAN32	11	2324107	melanoma
25974	KCNQ1	11	2591888	melanoma
25975	SLC22A18	11	2943392	melanoma
25976	SLC22A18	11	2943392	melanoma
25977	SLC22A18	11	2943392	melanoma
25978	PHLDA2	11	2950491	Gbm
25979	PHLDA2	11	2950491	IDHwt
25980	PHLDA2	11	2950491	IDHwt_priGBM
25981	PHLDA2	11	2950491	LGG GBM
25982	PHLDA2	11	2950491	Mesenchymal
25983	NAP1L4	11	2981055	melanoma

25984	MRGPRE	11	3249365	melanoma
25985	MRGPRE	11	3249728	Gbm
25986	MRGPRE	11	3249728	IDHwt
25987	MRGPRE	11	3249728	IDHwt_priGBM
25988	MRGPRE	11	3249728	LGG GBM
25989	MRGPRE	11	3249728	LGM6_GBM
25990	MRGPRE	11	3249728	Mesenchymal
25991	MRGPRE	11	3249932	melanoma
25992	ZNF195	11	3380602	melanoma
25993	ZNF195	11	3380646	melanoma
25994	ZNF195	11	3380886	melanoma
25995	ZNF195	11	3381295	melanoma
25996	ZNF195	11	3381729	melanoma
25997	ZNF195	11	3392888	melanoma
25998	ART5	11	3660986	melanoma
25999	ART5	11	3660986	melanoma
26000	ART1	11	3680867	melanoma
26001	ART1	11	3680867	melanoma
26002	NUP98	11	3712676	melanoma
26003	NUP98	11	3712676	melanoma
26004	NUP98	11	3774557	melanoma
26005	NUP98	11	3774557	melanoma
26006	NUP98	11	3800201	lung
26007	PGAP2	11	3832616	melanoma
26008	PGAP2	11	3846663	melanoma
26009	OR52B4	11	4389252	Gbm
26010	OR52B4	11	4389252	IDHwt
26011	OR52B4	11	4389252	IDHwt_priGBM
26012	OR52B4	11	4389252	LGG GBM
26013	OR52B4	11	4389252	Mesenchymal
26014	OR52B4	11	4389252	Mesenchymal_like
26015	OR52B4	11	4389431	melanoma
26016	TRIM21	11	4409588	lung
26017	OR52K1	11	4510426	Gbm
26018	OR52K1	11	4510426	Gbm
26019	OR52K1	11	4510426	IDHwt
26020	OR52K1	11	4510426	IDHwt
26021	OR52K1	11	4510426	IDHwt_priGBM
26022	OR52K1	11	4510426	IDHwt_priGBM
26023	OR52K1	11	4510426	LGG GBM
26024	OR52K1	11	4510426	LGG GBM
26025	OR52K1	11	4510426	Mesenchymal
26026	OR52K1	11	4510426	Mesenchymal
26027	OR52K1	11	4510426	Mesenchymal_like
26028	OR52K1	11	4510426	Mesenchymal_like
26029	OR52M1	11	4566796	Classic
26030	OR52M1	11	4566796	Classic
26031	OR52M1	11	4566796	Classic
26032	OR52M1	11	4566796	Classic_like
26033	OR52M1	11	4566796	Classic_like
26034	OR52M1	11	4566796	Classic_like
26035	OR52M1	11	4566796	Gbm
26036	OR52M1	11	4566796	Gbm
26037	OR52M1	11	4566796	Gbm
26038	OR52M1	11	4566796	IDHwt
26039	OR52M1	11	4566796	IDHwt
26040	OR52M1	11	4566796	IDHwt
26041	OR52M1	11	4566796	IDHwt_priGBM

26042	OR52M1	11	4566796	IDHwt_priGBM
26043	OR52M1	11	4566796	IDHwt_priGBM
26044	OR52M1	11	4566796	LGG GBM
26045	OR52M1	11	4566796	LGG GBM
26046	OR52M1	11	4566796	LGG GBM
26047	OR52M1	11	4567089	melanoma
26048	OR52M1	11	4567291	GCIMP_high
26049	OR52M1	11	4567291	IDHmut
26050	OR52M1	11	4567291	IDHmut_noncodel
26051	OR52M1	11	4567291	LGG GBM
26052	OR52M1	11	4567291	OligoAstr
26053	OR52M1	11	4567291	Proneural
26054	OR52M1	11	4567307	melanoma
26055	OR52M1	11	4567330	melanoma
26056	OR52I2	11	4608268	Classic
26057	OR52I2	11	4608268	Classic_like
26058	OR52I2	11	4608268	Gbm
26059	OR52I2	11	4608268	IDHwt
26060	OR52I2	11	4608268	IDHwt_priGBM
26061	OR52I2	11	4608268	LGG GBM
26062	OR52I2	11	4608740	melanoma
26063	OR52I2	11	4608740	melanoma
26064	OR52I2	11	4608740	melanoma
26065	OR52I2	11	4608740	melanoma
26066	OR52I2	11	4608818	melanoma
26067	OR52I2	11	4608883	lung
26068	OR52I2	11	4609008	bladder
26069	OR52I1	11	4616209	melanoma
26070	OR51D1	11	4661067	melanoma
26071	OR51D1	11	4661067	melanoma
26072	OR51D1	11	4661262	melanoma
26073	OR51D1	11	4661330	melanoma
26074	OR51D1	11	4661423	Gbm
26075	OR51D1	11	4661423	IDHwt
26076	OR51D1	11	4661423	IDHwt_priGBM
26077	OR51D1	11	4661423	LGG GBM
26078	OR51D1	11	4661423	Neural
26079	OR51D1	11	4661424	Classic
26080	OR51D1	11	4661424	Gbm
26081	OR51D1	11	4661424	IDHwt
26082	OR51D1	11	4661424	IDHwt_priGBM
26083	OR51D1	11	4661424	LGG GBM
26084	OR51E1	11	4673949	melanoma
26085	OR51E1	11	4673949	melanoma
26086	OR51E1	11	4674655	melanoma
26087	OR51E1	11	4674655	melanoma
26088	OR51E1	11	4674655	melanoma
26089	OR51E2	11	4703004	melanoma
26090	OR51E2	11	4703857	Codel
26091	OR51E2	11	4703857	Codel
26092	OR51E2	11	4703857	Codel
26093	OR51E2	11	4703857	IDHmut
26094	OR51E2	11	4703857	IDHmut
26095	OR51E2	11	4703857	IDHmut
26096	OR51E2	11	4703857	IDHmut_codel
26097	OR51E2	11	4703857	IDHmut_codel
26098	OR51E2	11	4703857	IDHmut_codel
26099	OR51E2	11	4703857	LGG GBM

26100	OR51E2	11	4703857	LGG GBM
26101	OR51E2	11	4703857	LGG GBM
26102	OR51E2	11	4703857	Neural
26103	OR51E2	11	4703857	Neural
26104	OR51E2	11	4703857	Neural
26105	OR51E2	11	4703857	Oligo
26106	OR51E2	11	4703857	Oligo
26107	OR51E2	11	4703857	Oligo
26108	OR51E2	11	4703934	melanoma
26109	OR51E2	11	4703934	melanoma
26110	OR51F1	11	4790598	lung
26111	OR51F1	11	4790942	lung
26112	OR51F1	11	4790942	lung
26113	OR51F1	11	4791059	melanoma
26114	OR51F1	11	4791059	melanoma
26115	OR52R1	11	4824947	Gbm
26116	OR52R1	11	4824947	IDHwt
26117	OR52R1	11	4824947	IDHwt_priGBM
26118	OR52R1	11	4824947	LGG GBM
26119	OR52R1	11	4824947	Mesenchymal
26120	OR52R1	11	4825138	melanoma
26121	OR52R1	11	4825138	melanoma
26122	OR52R1	11	4825138	melanoma
26123	OR52R1	11	4825138	melanoma
26124	OR52R1	11	4825439	melanoma
26125	OR52R1	11	4825439	melanoma
26126	OR52R1	11	4825439	melanoma
26127	OR51F2	11	4842781	melanoma
26128	OR51F2	11	4842865	melanoma
26129	OR51F2	11	4843021	melanoma
26130	OR51F2	11	4843026	GCIMP_high
26131	OR51F2	11	4843026	GCIMP_high
26132	OR51F2	11	4843026	IDHmut
26133	OR51F2	11	4843026	IDHmut
26134	OR51F2	11	4843026	IDHmut_noncodel
26135	OR51F2	11	4843026	IDHmut_noncodel
26136	OR51F2	11	4843026	LGG GBM
26137	OR51F2	11	4843026	LGG GBM
26138	OR51F2	11	4843026	OligoAstr
26139	OR51F2	11	4843026	OligoAstr
26140	OR51F2	11	4843026	Proneural
26141	OR51F2	11	4843026	Proneural
26142	OR51F2	11	4843031	melanoma
26143	OR51S1	11	4869969	melanoma
26144	OR51S1	11	4869969	melanoma
26145	OR51S1	11	4870156	Classic
26146	OR51S1	11	4870156	Classic_like
26147	OR51S1	11	4870156	Gbm
26148	OR51S1	11	4870156	IDHwt
26149	OR51S1	11	4870156	IDHwt_priGBM
26150	OR51S1	11	4870156	LGG GBM
26151	OR51S1	11	4870207	melanoma
26152	OR51S1	11	4870293	melanoma
26153	OR51S1	11	4870294	melanoma
26154	OR51S1	11	4870294	melanoma
26155	OR51T1	11	4903611	melanoma
26156	OR51A7	11	4928690	melanoma
26157	OR51A7	11	4928760	lung

26158	OR51A7	11	4928915	melanoma
26159	OR51A7	11	4929285	IDHwt_priGBM2
26160	OR51G2	11	4936014	melanoma
26161	OR51G2	11	4936014	melanoma
26162	OR51G2	11	4936428	melanoma
26163	OR51G2	11	4936853	melanoma
26164	OR51G2	11	4936853	melanoma
26165	OR51G1	11	4944804	melanoma
26166	OR51G1	11	4945152	melanoma
26167	OR51G1	11	4945208	melanoma
26168	OR51G1	11	4945280	melanoma
26169	OR51G1	11	4945280	melanoma
26170	OR51G1	11	4945280	melanoma
26171	OR51A4	11	4967723	Classic
26172	OR51A4	11	4967723	IDHwt
26173	OR51A4	11	4967723	LGG GBM
26174	OR51A4	11	4967723	Mesenchymal_like
26175	OR51A4	11	4967723	OligoAstr
26176	OR51A4	11	4967879	melanoma
26177	OR51A4	11	4967879	melanoma
26178	OR51A4	11	4967964	melanoma
26179	OR51A4	11	4967964	melanoma
26180	OR51A2	11	4976153	Classic
26181	OR51A2	11	4976153	Classic_like
26182	OR51A2	11	4976153	Gbm
26183	OR51A2	11	4976153	IDHwt
26184	OR51A2	11	4976153	IDHwt_priGBM
26185	OR51A2	11	4976153	LGG GBM
26186	OR51A2	11	4976355	melanoma
26187	OR51A2	11	4976595	melanoma
26188	OR51A2	11	4976637	melanoma
26189	OR51A2	11	4976637	melanoma
26190	OR51A2	11	4976637	melanoma
26191	OR51A2	11	4976683	melanoma
26192	OR51A2	11	4976683	melanoma
26193	MMP26	11	5013295	melanoma
26194	OR51L1	11	5021027	melanoma
26195	OR52E2	11	5080295	Classic_like
26196	OR52E2	11	5080295	Classic_like
26197	OR52E2	11	5080295	Gbm
26198	OR52E2	11	5080295	Gbm
26199	OR52E2	11	5080295	IDHwt
26200	OR52E2	11	5080295	IDHwt
26201	OR52E2	11	5080295	IDHwt_priGBM
26202	OR52E2	11	5080295	IDHwt_priGBM
26203	OR52E2	11	5080295	LGG GBM
26204	OR52E2	11	5080295	LGG GBM
26205	OR52E2	11	5080539	melanoma
26206	OR52E2	11	5080830	melanoma
26207	OR52E2	11	5080830	melanoma
26208	OR52A5	11	5153076	melanoma
26209	OR52A5	11	5153106	melanoma
26210	OR52A5	11	5153106	melanoma
26211	OR52A5	11	5153106	melanoma
26212	OR52A5	11	5153106	melanoma
26213	OR52A5	11	5153482	GCIMP_high
26214	OR52A5	11	5153482	IDHmut
26215	OR52A5	11	5153482	IDHmut_noncodel

26216	OR52A5	11	5153482	LGG GBM
26217	OR52A5	11	5153482	OligoAstr
26218	OR52A5	11	5153482	Proneural
26219	OR52A5	11	5153503	melanoma
26220	OR52A5	11	5153503	melanoma
26221	OR52A5	11	5153784	melanoma
26222	OR52A1	11	5172692	Gbm
26223	OR52A1	11	5172692	LGG GBM
26224	OR52A1	11	5172692	Mesenchymal_like
26225	OR52A1	11	5172692	Neural
26226	OR52A1	11	5172725	melanoma
26227	OR52A1	11	5172725	melanoma
26228	OR52A1	11	5173466	lung
26229	OR51V1	11	5220981	melanoma
26230	OR51V1	11	5221830	melanoma
26231	HBB	11	5248019	Astr
26232	HBB	11	5248019	GCIMP_low
26233	HBB	11	5248019	IDHmut
26234	HBB	11	5248019	IDHmut_noncodel
26235	HBB	11	5248019	LGG GBM
26236	HBB	11	5248019	Proneural
26237	HBD	11	5255304	melanoma
26238	HBD	11	5255304	melanoma
26239	HBD	11	5255304	melanoma
26240	HBD	11	5255322	melanoma
26241	OR51B4	11	5322671	Astr
26242	OR51B4	11	5322671	IDHwt
26243	OR51B4	11	5322671	LGG GBM
26244	OR51B4	11	5322671	Neural
26245	OR51B4	11	5322671	PA_like
26246	OR51B4	11	5322780	melanoma
26247	OR51B4	11	5322849	melanoma
26248	OR51B4	11	5322849	melanoma
26249	OR51B4	11	5323017	melanoma
26250	OR51B2	11	5344773	Gbm
26251	OR51B2	11	5344773	IDHwt
26252	OR51B2	11	5344773	IDHwt_priGBM
26253	OR51B2	11	5344773	LGG GBM
26254	OR51B2	11	5344773	Mesenchymal
26255	OR51B2	11	5344773	Mesenchymal_like
26256	OR51B2	11	5344806	melanoma
26257	OR51B2	11	5345040	melanoma
26258	OR51B2	11	5345445	melanoma
26259	OR51B2	11	5345479	melanoma
26260	OR51B5	11	5363977	melanoma
26261	OR51B5	11	5363977	melanoma
26262	OR51B5	11	5363977	melanoma
26263	OR51B5	11	5364237	melanoma
26264	OR51B5	11	5364289	melanoma
26265	OR51B5	11	5364396	Codel
26266	OR51B5	11	5364396	IDHmut
26267	OR51B5	11	5364396	IDHmut_codel
26268	OR51B5	11	5364396	LGG GBM
26269	OR51B5	11	5364396	Oligo
26270	OR51B5	11	5364610	melanoma
26271	OR51B6	11	5372958	melanoma
26272	OR51B6	11	5373342	melanoma
26273	OR51B6	11	5373342	melanoma

26274	OR51M1	11	5410675	melanoma
26275	OR51M1	11	5410855	melanoma
26276	OR51M1	11	5410855	melanoma
26277	OR51M1	11	5410855	melanoma
26278	OR51M1	11	5410987	melanoma
26279	OR51M1	11	5411173	melanoma
26280	OR51M1	11	5411429	melanoma
26281	OR51M1	11	5411429	melanoma
26282	OR51J1	11	5424280	melanoma
26283	OR51Q1	11	5443461	melanoma
26284	OR51Q1	11	5443759	melanoma
26285	OR51Q1	11	5443759	melanoma
26286	OR51Q1	11	5444067	melanoma
26287	OR51I1	11	5461847	melanoma
26288	OR51I1	11	5461847	melanoma
26289	OR51I1	11	5462089	melanoma
26290	OR51I1	11	5462089	melanoma
26291	OR51I1	11	5462228	melanoma
26292	OR51I1	11	5462416	melanoma
26293	OR51I1	11	5462548	melanoma
26294	OR51I1	11	5462581	melanoma
26295	OR51I1	11	5462581	melanoma
26296	OR51I1	11	5462581	melanoma
26297	OR51I2	11	5474809	lung
26298	OR51I2	11	5474839	melanoma
26299	OR51I2	11	5474918	melanoma
26300	OR51I2	11	5474918	melanoma
26301	OR51I2	11	5475386	Gbm
26302	OR51I2	11	5475386	IDHwt
26303	OR51I2	11	5475386	IDHwt_priGBM
26304	OR51I2	11	5475386	LGG GBM
26305	OR51I2	11	5475386	Mesenchymal_like
26306	OR51I2	11	5475461	melanoma
26307	OR52D1	11	5510000	lung
26308	OR52D1	11	5510033	melanoma
26309	OR52D1	11	5510033	melanoma
26310	OR52D1	11	5510033	melanoma
26311	OR52D1	11	5510223	melanoma
26312	OR52D1	11	5510283	melanoma
26313	OR52D1	11	5510283	melanoma
26314	OR52D1	11	5510283	melanoma
26315	OR52D1	11	5510502	GCIMP_high
26316	OR52D1	11	5510502	IDHmut
26317	OR52D1	11	5510502	IDHmut_noncodel
26318	OR52D1	11	5510502	LGG GBM
26319	OR52D1	11	5510502	Oligo
26320	OR52D1	11	5510502	Proneural
26321	OR52D1	11	5510747	melanoma
26322	UBQLN3	11	5529018	Classic
26323	UBQLN3	11	5529018	Classic
26324	UBQLN3	11	5529018	Classic
26325	UBQLN3	11	5529018	Classic
26326	UBQLN3	11	5529018	Classic_like
26327	UBQLN3	11	5529018	Classic_like
26328	UBQLN3	11	5529018	Classic_like
26329	UBQLN3	11	5529018	Classic_like
26330	UBQLN3	11	5529018	Gbm
26331	UBQLN3	11	5529018	Gbm

26332	UBQLN3	11	5529018	Gbm
26333	UBQLN3	11	5529018	Gbm
26334	UBQLN3	11	5529018	IDHwt
26335	UBQLN3	11	5529018	IDHwt
26336	UBQLN3	11	5529018	IDHwt
26337	UBQLN3	11	5529018	IDHwt
26338	UBQLN3	11	5529018	IDHwt_priGBM
26339	UBQLN3	11	5529018	IDHwt_priGBM
26340	UBQLN3	11	5529018	IDHwt_priGBM
26341	UBQLN3	11	5529018	IDHwt_priGBM
26342	UBQLN3	11	5529018	LGG GBM
26343	UBQLN3	11	5529018	LGG GBM
26344	UBQLN3	11	5529018	LGG GBM
26345	UBQLN3	11	5529018	LGG GBM
26346	UBQLN3	11	5529407	melanoma
26347	UBQLN3	11	5529407	melanoma
26348	UBQLN3	11	5529431	melanoma
26349	UBQLN3	11	5530293	melanoma
26350	UBQLNL	11	5537337	melanoma
26351	UBQLNL	11	5537503	melanoma
26352	OR52H1	11	5566366	melanoma
26353	OR52H1	11	5566459	melanoma
26354	OR52H1	11	5566723	Classic
26355	OR52H1	11	5566723	Classic_like
26356	OR52H1	11	5566723	Gbm
26357	OR52H1	11	5566723	IDHwt
26358	OR52H1	11	5566723	IDHwt_priGBM
26359	OR52H1	11	5566723	LGG GBM
26360	OR52B6	11	5602592	melanoma
26361	OR52B6	11	5602888	melanoma
26362	IM6;TRIM6-TRIM	11	5626741	melanoma
26363	TRIM6	11	5632157	melanoma
26364	TRIM6	11	5632157	melanoma
26365	TRIM6	11	5632157	melanoma
26366	M34;TRIM6-TRIM	11	5664649	melanoma
26367	TRIM5	11	5686067	melanoma
26368	TRIM5	11	5686271	melanoma
26369	TRIM5	11	5686831	melanoma
26370	TRIM22	11	5730593	melanoma
26371	TRIM22	11	5730663	melanoma
26372	TRIM22	11	5730663	melanoma
26373	OR56B1	11	5758635	melanoma
26374	OR52N4	11	5776098	melanoma
26375	OR52N4	11	5776340	melanoma
26376	OR52N4	11	5776764	Classic
26377	OR52N4	11	5776764	Gbm
26378	OR52N4	11	5776764	IDHwt
26379	OR52N4	11	5776764	IDHwt_priGBM
26380	OR52N4	11	5776764	LGG GBM
26381	OR52N4	11	5776764	Mesenchymal_like
26382	OR52N5	11	5799230	melanoma
26383	OR52N5	11	5799230	melanoma
26384	OR52N5	11	5799672	melanoma
26385	OR52N5	11	5799848	melanoma
26386	OR52N1	11	5809503	lung
26387	OR52N1	11	5809503	lung
26388	OR52N1	11	5809685	melanoma
26389	OR52N1	11	5809859	GCIMP_high

26390	OR52N1	11	5809859	IDHmut
26391	OR52N1	11	5809859	IDHmut_noncodel
26392	OR52N1	11	5809859	LGG GBM
26393	OR52N1	11	5809859	Oligo
26394	OR52N2	11	5841842	melanoma
26395	OR52N2	11	5842404	Classic
26396	OR52N2	11	5842404	Gbm
26397	OR52N2	11	5842404	IDHwt
26398	OR52N2	11	5842404	IDHwt_priGBM
26399	OR52N2	11	5842404	LGG GBM
26400	OR52N2	11	5842404	Mesenchymal_like
26401	OR52E6	11	5862308	melanoma
26402	OR52E6	11	5862337	melanoma
26403	OR52E6	11	5862337	melanoma
26404	OR52E6	11	5862530	melanoma
26405	OR52E6	11	5862622	melanoma
26406	OR52E8	11	5878052	melanoma
26407	OR52E8	11	5878652	lung
26408	OR52E8	11	5878863	melanoma
26409	OR52E4	11	5905865	melanoma
26410	OR52E4	11	5906312	melanoma
26411	OR52E4	11	5906312	melanoma
26412	OR56A3	11	5968688	melanoma
26413	OR56A3	11	5968688	melanoma
26414	OR56A3	11	5968952	melanoma
26415	OR56A3	11	5969003	melanoma
26416	OR56A3	11	5969211	melanoma
26417	OR52L1	11	6007511	melanoma
26418	OR52L1	11	6007511	melanoma
26419	OR52L1	11	6007781	melanoma
26420	OR52L1	11	6007781	melanoma
26421	OR52L1	11	6007836	melanoma
26422	OR52L1	11	6007836	melanoma
26423	OR52L1	11	6008043	melanoma
26424	OR52L1	11	6008138	bladder
26425	OR52L1	11	6008138	bladder
26426	OR52L1	11	6008138	bladder
26427	OR56A1	11	6048184	IDHwt_priGBM2
26428	OR56B4	11	6129493	melanoma
26429	OR56B4	11	6129493	melanoma
26430	OR56B4	11	6129493	melanoma
26431	OR52B2	11	6190634	Classic
26432	OR52B2	11	6190634	Classic_like
26433	OR52B2	11	6190634	Gbm
26434	OR52B2	11	6190634	IDHwt
26435	OR52B2	11	6190634	IDHwt_priGBM
26436	OR52B2	11	6190634	LGG GBM
26437	OR52B2	11	6190787	melanoma
26438	OR52W1	11	6220706	melanoma
26439	CNGA4	11	6261386	melanoma
26440	SMPD1	11	6415610	bladder
26441	APBB1	11	6432551	melanoma
26442	TRIM3	11	6470286	Classic_like
26443	TRIM3	11	6470286	Gbm
26444	TRIM3	11	6470286	IDHwt
26445	TRIM3	11	6470286	IDHwt_priGBM
26446	TRIM3	11	6470286	LGG GBM
26447	TRIM3	11	6470286	Mesenchymal

26448	DNHD1	11	6519698	lung
26449	RRP8	11	6622272	melanoma
26450	RRP8	11	6622272	melanoma
26451	RRP8	11	6622272	melanoma
26452	RRP8	11	6622635	Gbm
26453	RRP8	11	6622635	GCIMP_low
26454	RRP8	11	6622635	IDHmut
26455	RRP8	11	6622635	IDHmut_noncodel
26456	RRP8	11	6622635	LGG GBM
26457	RRP8	11	6622635	Proneural
26458	ILK	11	6630133	melanoma
26459	ILK	11	6630784	melanoma
26460	ILK	11	6630784	melanoma
26461	DCHS1	11	6654108	GCIMP_high
26462	DCHS1	11	6654108	IDHmut
26463	DCHS1	11	6654108	IDHmut_noncodel
26464	DCHS1	11	6654108	LGG GBM
26465	DCHS1	11	6654108	Neural
26466	DCHS1	11	6654108	Oligo
26467	DCHS1	11	6654846	Classic
26468	DCHS1	11	6654846	Classic
26469	DCHS1	11	6654846	Classic_like
26470	DCHS1	11	6654846	Classic_like
26471	DCHS1	11	6654846	Gbm
26472	DCHS1	11	6654846	Gbm
26473	DCHS1	11	6654846	IDHwt
26474	DCHS1	11	6654846	IDHwt
26475	DCHS1	11	6654846	IDHwt_priGBM
26476	DCHS1	11	6654846	IDHwt_priGBM
26477	DCHS1	11	6654846	LGG GBM
26478	DCHS1	11	6654846	LGG GBM
26479	OR2AG2	11	6789861	Astr
26480	OR2AG2	11	6789861	GCIMP_low
26481	OR2AG2	11	6789861	IDHmut
26482	OR2AG2	11	6789861	IDHmut_noncodel
26483	OR2AG2	11	6789861	LGG GBM
26484	OR2AG2	11	6789861	Proneural
26485	OR2AG1	11	6806726	melanoma
26486	OR6A2	11	6816230	melanoma
26487	OR6A2	11	6816230	melanoma
26488	OR6A2	11	6816230	melanoma
26489	OR10A5	11	6866969	melanoma
26490	OR10A5	11	6867038	melanoma
26491	OR10A2	11	6891067	melanoma
26492	OR10A2	11	6891119	melanoma
26493	OR10A2	11	6891119	melanoma
26494	OR10A2	11	6891119	melanoma
26495	OR10A2	11	6891119	melanoma
26496	OR10A2	11	6891119	melanoma
26497	OR10A2	11	6891550	Classic_like
26498	OR10A2	11	6891550	IDHwt
26499	OR10A2	11	6891550	LGG GBM
26500	OR10A4	11	6898562	lung
26501	OR2D2	11	6913070	lung
26502	OR2D2	11	6913191	melanoma
26503	OR2D2	11	6913209	melanoma
26504	OR2D2	11	6913644	lung
26505	OR2D3	11	6942699	melanoma

26506	OR2D3	11	6942969	IDHwt_priGBM2
26507	OR2D3	11	6943008	melanoma
26508	ZNF215	11	6964344	melanoma
26509	ZNF215	11	6977574	melanoma
26510	ZNF215	11	6977580	melanoma
26511	ZNF215	11	6977580	melanoma
26512	ZNF215	11	6977617	melanoma
26513	ZNF214	11	7024005	melanoma
26514	NLRP14	11	7063729	melanoma
26515	NLRP14	11	7063729	melanoma
26516	NLRP14	11	7064897	melanoma
26517	NLRP14	11	7091549	melanoma
26518	RBMXL2	11	7111073	Classic_like
26519	RBMXL2	11	7111073	Gbm
26520	RBMXL2	11	7111073	IDHwt
26521	RBMXL2	11	7111073	IDHwt_priGBM
26522	RBMXL2	11	7111073	LGG GBM
26523	RBMXL2	11	7111073	Mesenchymal
26524	SYT9	11	7335023	melanoma
26525	SYT9	11	7335086	melanoma
26526	OLFML1	11	7530715	melanoma
26527	PPFIBP2	11	7652159	melanoma
26528	OR5P2	11	7817774	melanoma
26529	OR5P2	11	7817774	melanoma
26530	OR5P2	11	7818171	melanoma
26531	OR5P2	11	7818212	melanoma
26532	OR5P2	11	7818267	melanoma
26533	OR5P2	11	7818267	melanoma
26534	OR5P2	11	7818267	melanoma
26535	OR5P2	11	7818336	melanoma
26536	OR5P2	11	7818347	melanoma
26537	OR5P3	11	7846946	melanoma
26538	OR5P3	11	7846946	melanoma
26539	OR5P3	11	7847156	melanoma
26540	OR10A6	11	7949624	melanoma
26541	OR10A6	11	7949710	melanoma
26542	OR10A6	11	7949711	melanoma
26543	OR10A3	11	7960683	Gbm
26544	OR10A3	11	7960683	IDHwt
26545	OR10A3	11	7960683	IDHwt_priGBM
26546	OR10A3	11	7960683	LGG GBM
26547	OR10A3	11	7960683	Mesenchymal_like
26548	OR10A3	11	7960721	melanoma
26549	OR10A3	11	7960721	melanoma
26550	OR10A3	11	7960884	GCIMP_high
26551	OR10A3	11	7960884	GCIMP_high
26552	OR10A3	11	7960884	IDHmut
26553	OR10A3	11	7960884	IDHmut
26554	OR10A3	11	7960884	IDHmut_noncodel
26555	OR10A3	11	7960884	IDHmut_noncodel
26556	OR10A3	11	7960884	LGG GBM
26557	OR10A3	11	7960884	LGG GBM
26558	OR10A3	11	7960884	Mesenchymal
26559	OR10A3	11	7960884	Mesenchymal
26560	OR10A3	11	7960884	OligoAstr
26561	OR10A3	11	7960884	OligoAstr
26562	OR10A3	11	7960995	Gbm
26563	OR10A3	11	7960995	Gbm

26564	OR10A3	11	7960995	IDHwt
26565	OR10A3	11	7960995	IDHwt
26566	OR10A3	11	7960995	IDHwt_priGBM
26567	OR10A3	11	7960995	IDHwt_priGBM
26568	OR10A3	11	7960995	LGG GBM
26569	OR10A3	11	7960995	LGG GBM
26570	OR10A3	11	7960995	Mesenchymal_like
26571	OR10A3	11	7960995	Mesenchymal_like
26572	NLRP10	11	7982204	melanoma
26573	NLRP10	11	7982272	melanoma
26574	NLRP10	11	7982272	melanoma
26575	NLRP10	11	7982492	melanoma
26576	NLRP10	11	7982563	IDHwt_priGBM2
26577	NLRP10	11	7982563	IDHwt_priGBM2
26578	TUB	11	8119304	bladder
26579	RIC3	11	8161590	melanoma
26580	STK33	11	8494772	melanoma
26581	TRIM66	11	8661917	bladder
26582	ST5	11	8735568	melanoma
26583	ST5	11	8752232	melanoma
26584	ASCL3	11	8959581	melanoma
26585	ASCL3	11	8959581	melanoma
26586	ASCL3	11	8959581	melanoma
26587	ASCL3	11	8959626	melanoma
26588	ASCL3	11	8959626	melanoma
26589	SCUBE2	11	9052379	melanoma
26590	SCUBE2	11	9052379	melanoma
26591	DENND5A	11	9167351	melanoma
26592	DENND5A	11	9167351	melanoma
26593	DENND5A	11	9171674	Gbm
26594	DENND5A	11	9171674	IDHwt
26595	DENND5A	11	9171674	IDHwt_priGBM
26596	DENND5A	11	9171674	LGG GBM
26597	DENND5A	11	9171674	Mesenchymal
26598	DENND5A	11	9171674	Mesenchymal_like
26599	DENND5A	11	9200527	IDHwt_priGBM2
26600	DENND5A	11	9200527	IDHwt_priGBM2
26601	IPO7	11	9450593	melanoma
26602	IPO7	11	9450593	melanoma
26603	IPO7	11	9459463	bladder
26604	ZNF143	11	9500116	melanoma
26605	ZNF143	11	9530240	melanoma
26606	ZNF143	11	9534022	melanoma
26607	SBF2	11	9990035	melanoma
26608	SBF2	11	10014599	melanoma
26609	SBF2	11	10014599	melanoma
26610	AMPD3	11	10500095	melanoma
26611	AMPD3	11	10518408	melanoma
26612	AMPD3	11	10526193	melanoma
26613	RNF141	11	10555611	melanoma
26614	MRV11	11	10648010	melanoma
26615	MRV11	11	10650306	melanoma
26616	CTR9	11	10781780	bladder
26617	CTR9	11	10785379	GCIMP_high
26618	CTR9	11	10785379	IDHmut
26619	CTR9	11	10785379	IDHmut_noncodel
26620	CTR9	11	10785379	LGG GBM
26621	CTR9	11	10785379	OligoAstr

26622	CTR9	11	10785379	Proneural
26623	CTR9	11	10785942	melanoma
26624	GALNT18	11	11292834	melanoma
26625	USP47	11	11969542	Classic
26626	USP47	11	11969542	Classic_like
26627	USP47	11	11969542	Gbm
26628	USP47	11	11969542	IDHwt
26629	USP47	11	11969542	IDHwt_priGBM
26630	USP47	11	11969542	LGG GBM
26631	MICAL2	11	12263797	bladder
26632	MICAL2	11	12278428	bladder
26633	MICALCL	11	12313840	melanoma
26634	MICALCL	11	12313840	melanoma
26635	MICALCL	11	12341285	melanoma
26636	TEAD1	11	12903502	melanoma
26637	RRAS2	11	14303179	melanoma
26638	RRAS2	11	14303179	melanoma
26639	RRAS2	11	14380321	hnscc
26640	COPB1	11	14501150	hnscc
26641	PDE3B	11	14808086	melanoma
26642	PDE3B	11	14808086	melanoma
26643	PDE3B	11	14853295	Classic
26644	PDE3B	11	14853295	Gbm
26645	PDE3B	11	14853295	IDHwt
26646	PDE3B	11	14853295	IDHwt_priGBM
26647	PDE3B	11	14853295	LGG GBM
26648	INSC	11	15222437	lung
26649	PLEKHA7	11	16811378	melanoma
26650	PLEKHA7	11	16816175	melanoma
26651	PLEKHA7	11	16816175	melanoma
26652	PLEKHA7	11	16837786	melanoma
26653	PIK3C2A	11	17172077	lung
26654	PIK3C2A	11	17191090	melanoma
26655	ABCC8	11	17419338	Classic_like
26656	ABCC8	11	17419338	Gbm
26657	ABCC8	11	17419338	IDHwt
26658	ABCC8	11	17419338	IDHwt_priGBM
26659	ABCC8	11	17419338	LGG GBM
26660	ABCC8	11	17419338	Mesenchymal
26661	ABCC8	11	17432149	melanoma
26662	ABCC8	11	17438504	lung
26663	ABCC8	11	17448614	melanoma
26664	ABCC8	11	17448633	melanoma
26665	ABCC8	11	17483293	melanoma
26666	ABCC8	11	17483293	melanoma
26667	USH1C	11	17531244	melanoma
26668	USH1C	11	17544359	melanoma
26669	USH1C	11	17548835	melanoma
26670	USH1C	11	17548835	melanoma
26671	OTOG	11	17573553	bladder
26672	OTOG	11	17650814	melanoma
26673	MYOD1	11	17741763	melanoma
26674	KCNC1	11	17793911	melanoma
26675	KCNC1	11	17793911	melanoma
26676	KCNC1	11	17793911	melanoma
26677	TPH1	11	18042599	lung
26678	TPH1	11	18042665	melanoma
26679	TPH1	11	18048059	melanoma

26680	TPH1	11	18048059	melanoma
26681	TPH1	11	18062242	melanoma
26682	MRGPRX4	11	18195500	Classic
26683	MRGPRX4	11	18195500	Gbm
26684	MRGPRX4	11	18195500	IDHwt
26685	MRGPRX4	11	18195500	IDHwt_priGBM
26686	MRGPRX4	11	18195500	LGG GBM
26687	HPS5	11	18309134	Classic
26688	HPS5	11	18309134	Classic
26689	HPS5	11	18309134	Classic_like
26690	HPS5	11	18309134	Classic_like
26691	HPS5	11	18309134	IDHwt
26692	HPS5	11	18309134	IDHwt
26693	HPS5	11	18309134	LGG GBM
26694	HPS5	11	18309134	LGG GBM
26695	HPS5	11	18309134	OligoAstr
26696	HPS5	11	18309134	OligoAstr
26697	HPS5	11	18330529	melanoma
26698	LDHC	11	18456322	GCIMP_high
26699	LDHC	11	18456322	GCIMP_high
26700	LDHC	11	18456322	IDHmut
26701	LDHC	11	18456322	IDHmut
26702	LDHC	11	18456322	IDHmut_noncodel
26703	LDHC	11	18456322	IDHmut_noncodel
26704	LDHC	11	18456322	LGG GBM
26705	LDHC	11	18456322	LGG GBM
26706	LDHC	11	18456322	Neural
26707	LDHC	11	18456322	Neural
26708	LDHC	11	18460143	melanoma
26709	LDHAL6A	11	18487199	hnscc
26710	LDHAL6A	11	18487199	hnscc
26711	TSG101	11	18536331	melanoma
26712	SPTY2D1	11	18634020	melanoma
26713	TMEM86A	11	18722496	melanoma
26714	TMEM86A	11	18723162	melanoma
26715	TMEM86A	11	18723296	melanoma
26716	MRGPRX1	11	18955874	melanoma
26717	MRGPRX1	11	18955874	melanoma
26718	MRGPRX1	11	18955874	melanoma
26719	MRGPRX1	11	18955874	melanoma
26720	MRGPRX1	11	18956060	melanoma
26721	MRGPRX1	11	18956201	melanoma
26722	MRGPRX1	11	18956201	melanoma
26723	MRGPRX1	11	18956201	melanoma
26724	MRGPRX1	11	18956202	melanoma
26725	MRGPRX1	11	18956274	melanoma
26726	ZDHHC13	11	19180497	bladder
26727	ZDHHC13	11	19185876	bladder
26728	ZDHHC13	11	19197407	Classic
26729	ZDHHC13	11	19197407	Classic_like
26730	ZDHHC13	11	19197407	IDHwt
26731	ZDHHC13	11	19197407	LGG GBM
26732	ZDHHC13	11	19197407	Oligo
26733	E2F8	11	19246336	melanoma
26734	E2F8	11	19246911	melanoma
26735	E2F8	11	19246911	melanoma
26736	E2F8	11	19247314	melanoma
26737	NAV2	11	19735342	melanoma

26738	NAV2	11	19735480	melanoma
26739	NAV2	11	20066586	melanoma
26740	NAV2	11	20113870	melanoma
26741	NAV2	11	20113870	melanoma
26742	DBX1	11	20178782	melanoma
26743	DBX1	11	20178782	melanoma
26744	DBX1	11	20178782	melanoma
26745	PRMT3	11	20429499	melanoma
26746	SLC6A5	11	20628567	melanoma
26747	SLC6A5	11	20628567	melanoma
26748	SLC6A5	11	20628573	lung
26749	SLC6A5	11	20636272	Classic
26750	SLC6A5	11	20636272	Classic_like
26751	SLC6A5	11	20636272	Gbm
26752	SLC6A5	11	20636272	IDHwt
26753	SLC6A5	11	20636272	IDHwt_priGBM
26754	SLC6A5	11	20636272	LGG GBM
26755	SLC6A5	11	20648267	lung
26756	NELL1	11	20869175	melanoma
26757	NELL1	11	20869175	melanoma
26758	NELL1	11	20869175	melanoma
26759	NELL1	11	20940810	melanoma
26760	ANO5	11	22279281	lung
26761	SLC17A6	11	22396404	lung
26762	SLC17A6	11	22398151	melanoma
26763	SLC17A6	11	22399234	lung
26764	SLC17A6	11	22399234	lung
26765	FANCF	11	22646450	melanoma
26766	FANCF	11	22647322	lung
26767	GAS2	11	22696527	bladder
26768	GAS2	11	22696527	melanoma
26769	GAS2	11	22747949	melanoma
26770	GAS2	11	22833414	melanoma
26771	LUZP2	11	24927594	melanoma
26772	ANO3	11	26463525	melanoma
26773	ANO3	11	26620414	melanoma
26774	ANO3	11	26660733	melanoma
26775	ANO3	11	26677704	lung
26776	ANO3	11	26677704	lung
26777	SLC5A12	11	26692710	melanoma
26778	SLC5A12	11	26692710	melanoma
26779	SLC5A12	11	26702725	melanoma
26780	SLC5A12	11	26702744	melanoma
26781	SLC5A12	11	26725148	melanoma
26782	FIBIN	11	27016395	melanoma
26783	FIBIN	11	27016680	melanoma
26784	FIBIN	11	27016680	melanoma
26785	BBOX1	11	27147295	melanoma
26786	BDNF	11	27680064	melanoma
26787	KIF18A	11	28045380	melanoma
26788	KIF18A	11	28056998	melanoma
26789	METTL15	11	28232692	lung
26790	KCNA4	11	30032454	lung
26791	KCNA4	11	30033288	melanoma
26792	KCNA4	11	30033288	melanoma
26793	KCNA4	11	30033463	melanoma
26794	FSHB	11	30255288	lung
26795	ARL14EP	11	30354528	lung

26796	MPPED2	11	30601841	lung
26797	DCDC1	11	30925184	melanoma
26798	DCDC1	11	30925184	melanoma
26799	DCDC1	11	31327228	melanoma
26800	DCDC1	11	31329201	melanoma
26801	DCDC1	11	31329292	melanoma
26802	ELP4	11	31785084	melanoma
26803	RCN1	11	32119964	Classic_like
26804	RCN1	11	32119964	Gbm
26805	RCN1	11	32119964	IDHwt
26806	RCN1	11	32119964	IDHwt_priGBM
26807	RCN1	11	32119964	LGG GBM
26808	RCN1	11	32119964	Proneural
26809	CCDC73	11	32635192	bladder
26810	CCDC73	11	32635665	melanoma
26811	QSER1	11	32954201	bladder
26812	QSER1	11	32996848	melanoma
26813	DEPDC7	11	33047424	melanoma
26814	TCP11L1	11	33083190	melanoma
26815	CSTF3	11	33112230	melanoma
26816	HIPK3	11	33360956	melanoma
26817	HIPK3	11	33360998	melanoma
26818	KIAA1549L	11	33564095	melanoma
26819	KIAA1549L	11	33565151	melanoma
26820	KIAA1549L	11	33569333	melanoma
26821	KIAA1549L	11	33604946	Astr
26822	KIAA1549L	11	33604946	IDHwt
26823	KIAA1549L	11	33604946	LGG GBM
26824	KIAA1549L	11	33604946	Neural
26825	KIAA1549L	11	33604946	PA_like
26826	CD59	11	33743933	melanoma
26827	FBXO3	11	33772115	melanoma
26828	FBXO3	11	33772115	melanoma
26829	FBXO3	11	33772115	melanoma
26830	FBXO3	11	33772161	lung
26831	CAPRIN1	11	34101247	melanoma
26832	NAT10	11	34154639	melanoma
26833	NAT10	11	34154639	melanoma
26834	NAT10	11	34167706	hnscc
26835	ABTB2	11	34176285	GCIMP_high
26836	ABTB2	11	34176285	IDHmut
26837	ABTB2	11	34176285	IDHmut_noncodel
26838	ABTB2	11	34176285	LGG GBM
26839	ABTB2	11	34176285	OligoAstr
26840	ABTB2	11	34176285	Proneural
26841	CAT	11	34460576	melanoma
26842	EHF	11	34670580	melanoma
26843	EHF	11	34680082	melanoma
26844	EHF	11	34680420	melanoma
26845	APIP	11	34909853	melanoma
26846	SLC1A2	11	35333930	lung
26847	SLC1A2	11	35336633	melanoma
26848	SLC1A2	11	35336633	melanoma
26849	PAMR1	11	35453938	melanoma
26850	PAMR1	11	35492229	melanoma
26851	PAMR1	11	35492229	melanoma
26852	PAMR1	11	35492229	melanoma
26853	PAMR1	11	35492229	melanoma

26854	PAMR1	11	35492229	melanoma
26855	PAMR1	11	35492230	melanoma
26856	PAMR1	11	35492257	melanoma
26857	PAMR1	11	35492257	melanoma
26858	PRR5L	11	36467959	melanoma
26859	RAG1	11	36596152	melanoma
26860	RAG1	11	36596731	melanoma
26861	RAG1	11	36597577	melanoma
26862	RAG2	11	36614338	Classic
26863	RAG2	11	36614338	Gbm
26864	RAG2	11	36614338	IDHwt
26865	RAG2	11	36614338	IDHwt_priGBM
26866	RAG2	11	36614338	LGG GBM
26867	RAG2	11	36614338	Mesenchymal_like
26868	C11orf74	11	36631756	melanoma
26869	LRRC4C	11	40135944	Classic_like
26870	LRRC4C	11	40135944	Gbm
26871	LRRC4C	11	40135944	IDHwt
26872	LRRC4C	11	40135944	IDHwt_priGBM
26873	LRRC4C	11	40135944	LGG GBM
26874	LRRC4C	11	40135944	Mesenchymal
26875	LRRC4C	11	40136001	melanoma
26876	LRRC4C	11	40136054	melanoma
26877	LRRC4C	11	40137064	lung
26878	LRRC4C	11	40137215	melanoma
26879	LRRC4C	11	40137329	melanoma
26880	LRRC4C	11	40137353	melanoma
26881	LRRC4C	11	40137551	melanoma
26882	TTC17	11	43380605	melanoma
26883	TTC17	11	43411222	Classic_like
26884	TTC17	11	43411222	Gbm
26885	TTC17	11	43411222	IDHwt
26886	TTC17	11	43411222	IDHwt_priGBM
26887	TTC17	11	43411222	LGG GBM
26888	TTC17	11	43411222	Mesenchymal
26889	TTC17	11	43411325	melanoma
26890	TTC17	11	43465754	melanoma
26891	TTC17	11	43515339	Astr
26892	TTC17	11	43515339	GCIMP_high
26893	TTC17	11	43515339	IDHmut
26894	TTC17	11	43515339	IDHmut_noncodel
26895	TTC17	11	43515339	LGG GBM
26896	TTC17	11	43515339	Proneural
26897	ACCSL	11	44077792	melanoma
26898	ACCS	11	44105037	Classic
26899	ACCS	11	44105037	Gbm
26900	ACCS	11	44105037	IDHwt
26901	ACCS	11	44105037	IDHwt_priGBM
26902	ACCS	11	44105037	LGG GBM
26903	ACCS	11	44105037	Mesenchymal_like
26904	EXT2	11	44146379	melanoma
26905	EXT2	11	44193207	melanoma
26906	EXT2	11	44228502	melanoma
26907	EXT2	11	44255740	Astr
26908	EXT2	11	44255740	Astr
26909	EXT2	11	44255740	IDHwt
26910	EXT2	11	44255740	IDHwt
26911	EXT2	11	44255740	LGG GBM

26912	EXT2	11	44255740	LGG GBM
26913	EXT2	11	44255740	Neural
26914	EXT2	11	44255740	Neural
26915	EXT2	11	44255740	PA_like
26916	EXT2	11	44255740	PA_like
26917	TP53I11	11	44956515	melanoma
26918	TP53I11	11	44956515	melanoma
26919	SYT13	11	45273991	melanoma
26920	SLC35C1	11	45827648	Gbm
26921	SLC35C1	11	45827648	IDHwt
26922	SLC35C1	11	45827648	IDHwt_priGBM
26923	SLC35C1	11	45827648	LGG GBM
26924	SLC35C1	11	45827648	Mesenchymal_like
26925	CRY2	11	45869223	melanoma
26926	MAPK8IP1	11	45924277	bladder
26927	LARGE2	11	45945803	melanoma
26928	LARGE2	11	45949128	melanoma
26929	LARGE2	11	45949128	melanoma
26930	PHF21A	11	45959793	melanoma
26931	PHF21A	11	45959793	melanoma
26932	CREB3L1	11	46341859	Classic
26933	CREB3L1	11	46341859	Classic_like
26934	CREB3L1	11	46341859	Gbm
26935	CREB3L1	11	46341859	IDHwt
26936	CREB3L1	11	46341859	IDHwt_priGBM
26937	CREB3L1	11	46341859	LGG GBM
26938	DGKZ	11	46396582	lung
26939	CHRM4	11	46407143	melanoma
26940	CHRM4	11	46407143	melanoma
26941	AMBRA1	11	46419134	melanoma
26942	AMBRA1	11	46564617	melanoma
26943	HARBI1	11	46625300	melanoma
26944	ATG13	11	46690109	melanoma
26945	ATG13	11	46690967	melanoma
26946	ZNF408	11	46726973	melanoma
26947	ZNF408	11	46726974	melanoma
26948	ZNF408	11	46726974	melanoma
26949	ZNF408	11	46726974	melanoma
26950	F2	11	46760818	Astr
26951	F2	11	46760818	GCIMP_high
26952	F2	11	46760818	IDHmut
26953	F2	11	46760818	IDHmut_noncodel
26954	F2	11	46760818	LGG GBM
26955	F2	11	46760818	Proneural
26956	CKAP5	11	46772748	melanoma
26957	CKAP5	11	46786725	melanoma
26958	CKAP5	11	46797828	melanoma
26959	CKAP5	11	46799039	melanoma
26960	LRP4	11	46896436	melanoma
26961	LRP4	11	46900844	melanoma
26962	LRP4	11	46914605	bladder
26963	LRP4	11	46914639	melanoma
26964	LRP4	11	46914639	melanoma
26965	PACSIN3	11	47202239	melanoma
26966	NR1H3	11	47282968	Astr
26967	NR1H3	11	47282968	IDHwt
26968	NR1H3	11	47282968	LGG GBM
26969	NR1H3	11	47282968	Mesenchymal

26970	NR1H3	11	47282968	Mesenchymal_like
26971	MADD	11	47304012	melanoma
26972	MADD	11	47304012	melanoma
26973	MADD	11	47305781	melanoma
26974	MYBPC3	11	47371335	melanoma
26975	RAPSN	11	47464342	melanoma
26976	RAPSN	11	47470407	melanoma
26977	CELF1	11	47498502	Codel
26978	CELF1	11	47498502	IDHmut
26979	CELF1	11	47498502	IDHmut_codel
26980	CELF1	11	47498502	LGG GBM
26981	CELF1	11	47498502	OligoAstr
26982	CELF1	11	47498502	Proneural
26983	CELF1	11	47510492	lung
26984	CELF1	11	47510492	lung
26985	PTPMT1	11	47587364	hnscc
26986	NDUFS3	11	47605906	melanoma
26987	AGBL2	11	47726176	Astr
26988	AGBL2	11	47726176	GCIMP_high
26989	AGBL2	11	47726176	IDHmut
26990	AGBL2	11	47726176	IDHmut_noncodel
26991	AGBL2	11	47726176	LGG GBM
26992	AGBL2	11	47726176	Proneural
26993	AGBL2	11	47726239	melanoma
26994	NUP160	11	47809761	Classic
26995	NUP160	11	47809761	Classic
26996	NUP160	11	47809761	IDHwt
26997	NUP160	11	47809761	IDHwt
26998	NUP160	11	47809761	LGG GBM
26999	NUP160	11	47809761	LGG GBM
27000	NUP160	11	47809761	Mesenchymal_like
27001	NUP160	11	47809761	Mesenchymal_like
27002	NUP160	11	47809761	Oligo
27003	NUP160	11	47809761	Oligo
27004	NUP160	11	47814390	melanoma
27005	NUP160	11	47819771	melanoma
27006	PTPRJ	11	48149530	Codel
27007	PTPRJ	11	48149530	IDHmut
27008	PTPRJ	11	48149530	IDHmut_codel
27009	PTPRJ	11	48149530	LGG GBM
27010	PTPRJ	11	48149530	Oligo
27011	PTPRJ	11	48149530	Proneural
27012	PTPRJ	11	48161248	bladder
27013	PTPRJ	11	48161248	bladder
27014	PTPRJ	11	48166659	melanoma
27015	PTPRJ	11	48185118	Gbm
27016	PTPRJ	11	48185118	IDHwt
27017	PTPRJ	11	48185118	IDHwt_priGBM
27018	PTPRJ	11	48185118	LGG GBM
27019	PTPRJ	11	48185118	LGm6_GBM
27020	OR4B1	11	48238555	melanoma
27021	OR4B1	11	48238633	melanoma
27022	OR4B1	11	48238725	Gbm
27023	OR4B1	11	48238725	Gbm
27024	OR4B1	11	48238725	IDHwt
27025	OR4B1	11	48238725	IDHwt
27026	OR4B1	11	48238725	IDHwt_priGBM
27027	OR4B1	11	48238725	IDHwt_priGBM

27028	OR4B1	11	48238725	LGG GBM
27029	OR4B1	11	48238725	LGG GBM
27030	OR4B1	11	48238725	Mesenchymal
27031	OR4B1	11	48238725	Mesenchymal
27032	OR4B1	11	48238725	Mesenchymal_like
27033	OR4B1	11	48238725	Mesenchymal_like
27034	OR4B1	11	48238965	Classic
27035	OR4B1	11	48238965	Gbm
27036	OR4B1	11	48238965	IDHwt
27037	OR4B1	11	48238965	IDHwt_priGBM
27038	OR4B1	11	48238965	LGG GBM
27039	OR4B1	11	48238965	Mesenchymal_like
27040	OR4B1	11	48238966	melanoma
27041	OR4X2	11	48267067	melanoma
27042	OR4X2	11	48267067	melanoma
27043	OR4X2	11	48267098	melanoma
27044	OR4X1	11	48285487	melanoma
27045	OR4X1	11	48285606	melanoma
27046	OR4X1	11	48285724	GCIMP_high
27047	OR4X1	11	48285724	GCIMP_high
27048	OR4X1	11	48285724	IDHmut
27049	OR4X1	11	48285724	IDHmut
27050	OR4X1	11	48285724	IDHmut_noncodel
27051	OR4X1	11	48285724	IDHmut_noncodel
27052	OR4X1	11	48285724	LGG GBM
27053	OR4X1	11	48285724	LGG GBM
27054	OR4X1	11	48285724	OligoAstr
27055	OR4X1	11	48285724	OligoAstr
27056	OR4X1	11	48285724	Proneural
27057	OR4X1	11	48285724	Proneural
27058	OR4X1	11	48285741	melanoma
27059	OR4X1	11	48286056	melanoma
27060	OR4S1	11	48327941	melanoma
27061	OR4S1	11	48327941	melanoma
27062	OR4S1	11	48328150	melanoma
27063	OR4S1	11	48328178	Astr
27064	OR4S1	11	48328178	Classic
27065	OR4S1	11	48328178	Classic_like
27066	OR4S1	11	48328178	IDHwt
27067	OR4S1	11	48328178	LGG GBM
27068	OR4S1	11	48328607	melanoma
27069	OR4C3	11	48346568	melanoma
27070	OR4C3	11	48346568	melanoma
27071	OR4C3	11	48346680	Classic_like
27072	OR4C3	11	48346680	Gbm
27073	OR4C3	11	48346680	IDHwt
27074	OR4C3	11	48346680	IDHwt_priGBM
27075	OR4C3	11	48346680	LGG GBM
27076	OR4C3	11	48346680	Mesenchymal
27077	OR4C3	11	48347057	melanoma
27078	OR4C3	11	48347093	melanoma
27079	OR4C3	11	48347105	melanoma
27080	OR4C3	11	48347105	melanoma
27081	OR4C3	11	48347258	melanoma
27082	OR4C3	11	48347258	melanoma
27083	OR4C3	11	48347280	melanoma
27084	OR4C3	11	48347418	melanoma
27085	OR4A47	11	48510526	Classic

27086	OR4A47	11	48510526	Classic
27087	OR4A47	11	48510526	Gbm
27088	OR4A47	11	48510526	Gbm
27089	OR4A47	11	48510526	IDHwt
27090	OR4A47	11	48510526	IDHwt
27091	OR4A47	11	48510526	IDHwt_priGBM
27092	OR4A47	11	48510526	IDHwt_priGBM
27093	OR4A47	11	48510526	LGG GBM
27094	OR4A47	11	48510526	LGG GBM
27095	OR4A47	11	48510660	Classic_like
27096	OR4A47	11	48510660	Gbm
27097	OR4A47	11	48510660	IDHwt
27098	OR4A47	11	48510660	IDHwt_priGBM
27099	OR4A47	11	48510660	LGG GBM
27100	OR4A47	11	48510660	Mesenchymal
27101	OR4A47	11	48510886	melanoma
27102	OR4A47	11	48510886	melanoma
27103	OR4A47	11	48511009	melanoma
27104	OR4A47	11	48511009	melanoma
27105	TRIM49B	11	49055749	lung
27106	TRIM49B	11	49059477	hnscc
27107	TRIM64C	11	49075682	melanoma
27108	TRIM64C	11	49080441	melanoma
27109	FOLH1	11	49204729	melanoma
27110	FOLH1	11	49204729	melanoma
27111	OR4C13	11	49974189	melanoma
27112	OR4C13	11	49974189	melanoma
27113	OR4C13	11	49974189	melanoma
27114	OR4C13	11	49974687	melanoma
27115	OR4C13	11	49974687	melanoma
27116	OR4C13	11	49974687	melanoma
27117	OR4C13	11	49974847	lung
27118	OR4C12	11	50003194	melanoma
27119	OR4C12	11	50003758	melanoma
27120	OR4C12	11	50003844	lung
27121	OR4C12	11	50003844	lung
27122	OR4C12	11	50003874	melanoma
27123	OR4C12	11	50003874	melanoma
27124	OR4C12	11	50003874	melanoma
27125	OR4C12	11	50003970	melanoma
27126	OR4A5	11	51411609	melanoma
27127	OR4A5	11	51411609	melanoma
27128	OR4A5	11	51412001	melanoma
27129	OR4A5	11	51412124	melanoma
27130	OR4A5	11	51412194	Gbm
27131	OR4A5	11	51412194	Gbm
27132	OR4A5	11	51412194	LGG GBM
27133	OR4A5	11	51412194	LGG GBM
27134	OR4A5	11	51412194	Mesenchymal_like
27135	OR4A5	11	51412194	Mesenchymal_like
27136	OR4A5	11	51412194	Neural
27137	OR4A5	11	51412194	Neural
27138	OR4C46	11	51515547	melanoma
27139	OR4C46	11	51515606	Gbm
27140	OR4C46	11	51515606	IDHwt
27141	OR4C46	11	51515606	IDHwt_priGBM
27142	OR4C46	11	51515606	LGG GBM
27143	OR4C46	11	51515606	LGm6_GBM

27144	OR4C46	11	51516009	Classic
27145	OR4C46	11	51516009	Classic
27146	OR4C46	11	51516009	Classic
27147	OR4C46	11	51516009	Gbm
27148	OR4C46	11	51516009	Gbm
27149	OR4C46	11	51516009	Gbm
27150	OR4C46	11	51516009	IDHwt
27151	OR4C46	11	51516009	IDHwt
27152	OR4C46	11	51516009	IDHwt
27153	OR4C46	11	51516009	IDHwt_priGBM
27154	OR4C46	11	51516009	IDHwt_priGBM
27155	OR4C46	11	51516009	IDHwt_priGBM
27156	OR4C46	11	51516009	LGG GBM
27157	OR4C46	11	51516009	LGG GBM
27158	OR4C46	11	51516009	LGG GBM
27159	OR4C46	11	51516009	Mesenchymal_like
27160	OR4C46	11	51516009	Mesenchymal_like
27161	OR4C46	11	51516009	Mesenchymal_like
27162	TRIM48	11	55032396	melanoma
27163	OR4A16	11	55110827	melanoma
27164	OR4A16	11	55111268	Gbm
27165	OR4A16	11	55111268	IDHwt
27166	OR4A16	11	55111268	IDHwt_priGBM
27167	OR4A16	11	55111268	LGG GBM
27168	OR4A16	11	55111268	Mesenchymal_like
27169	OR4A16	11	55111322	melanoma
27170	OR4A16	11	55111566	GCIMP_high
27171	OR4A16	11	55111566	IDHmut
27172	OR4A16	11	55111566	IDHmut_noncodel
27173	OR4A16	11	55111566	LGG GBM
27174	OR4A16	11	55111566	Proneural
27175	OR4A15	11	55135604	melanoma
27176	OR4A15	11	55135604	melanoma
27177	OR4A15	11	55135613	melanoma
27178	OR4A15	11	55135834	melanoma
27179	OR4A15	11	55136093	melanoma
27180	OR4A15	11	55136252	melanoma
27181	OR4A15	11	55136321	lung
27182	OR4A15	11	55136321	lung
27183	OR4A15	11	55136354	melanoma
27184	OR4A15	11	55136354	melanoma
27185	OR4C15	11	55321908	melanoma
27186	OR4C15	11	55322104	lung
27187	OR4C15	11	55322127	lung
27188	OR4C15	11	55322127	lung
27189	OR4C15	11	55322441	melanoma
27190	OR4C16	11	55339654	lung
27191	OR4C16	11	55339659	melanoma
27192	OR4C16	11	55339769	melanoma
27193	OR4C16	11	55339833	bladder
27194	OR4C16	11	55339875	melanoma
27195	OR4C16	11	55339908	melanoma
27196	OR4C16	11	55340036	melanoma
27197	OR4C16	11	55340036	melanoma
27198	OR4C16	11	55340048	melanoma
27199	OR4C16	11	55340048	melanoma
27200	OR4C16	11	55340049	melanoma
27201	OR4C16	11	55340085	melanoma

27202	OR4C16	11	55340085	melanoma
27203	OR4C16	11	55340085	melanoma
27204	OR4C16	11	55340399	lung
27205	OR4C11	11	55371099	GCIMP_high
27206	OR4C11	11	55371099	IDHmut
27207	OR4C11	11	55371099	IDHmut_noncodel
27208	OR4C11	11	55371099	LGG GBM
27209	OR4C11	11	55371099	OligoAstr
27210	OR4C11	11	55371671	melanoma
27211	OR4P4	11	55405846	GCIMP_high
27212	OR4P4	11	55405846	IDHmut
27213	OR4P4	11	55405846	IDHmut_noncodel
27214	OR4P4	11	55405846	LGG GBM
27215	OR4P4	11	55406239	bladder
27216	OR4P4	11	55406513	Gbm
27217	OR4P4	11	55406513	IDHwt
27218	OR4P4	11	55406513	IDHwt_priGBM
27219	OR4P4	11	55406513	LGG GBM
27220	OR4P4	11	55406513	Mesenchymal
27221	OR4P4	11	55406513	Mesenchymal_like
27222	OR4S2	11	55418495	melanoma
27223	OR4S2	11	55418495	melanoma
27224	OR4S2	11	55419124	melanoma
27225	OR4C6	11	55433087	melanoma
27226	OR4C6	11	55433122	hnscc
27227	OR4C6	11	55433122	hnscc
27228	OR4C6	11	55433123	hnscc
27229	OR4C6	11	55433123	hnscc
27230	OR4C6	11	55433471	GCIMP_high
27231	OR4C6	11	55433471	IDHmut
27232	OR4C6	11	55433471	IDHmut_noncodel
27233	OR4C6	11	55433471	LGG GBM
27234	OR5D13	11	55541329	melanoma
27235	OR5D14	11	55563066	melanoma
27236	OR5D14	11	55563066	melanoma
27237	OR5D14	11	55563066	melanoma
27238	OR5D14	11	55563704	Classic_like
27239	OR5D14	11	55563704	Gbm
27240	OR5D14	11	55563704	LGG GBM
27241	OR5D14	11	55563704	Mesenchymal
27242	OR5D14	11	55563737	Astr
27243	OR5D14	11	55563737	GCIMP_high
27244	OR5D14	11	55563737	IDHmut
27245	OR5D14	11	55563737	IDHmut_noncodel
27246	OR5D14	11	55563737	LGG GBM
27247	OR5D14	11	55563737	Proneural
27248	OR5D14	11	55563753	melanoma
27249	OR5L1	11	55578946	melanoma
27250	OR5L1	11	55578946	melanoma
27251	OR5L1	11	55578985	melanoma
27252	OR5L1	11	55579003	melanoma
27253	OR5L1	11	55579245	lung
27254	OR5L1	11	55579396	melanoma
27255	OR5L1	11	55579457	Codel
27256	OR5L1	11	55579457	IDHmut
27257	OR5L1	11	55579457	IDHmut_codel
27258	OR5L1	11	55579457	LGG GBM
27259	OR5L1	11	55579457	Proneural

27260	OR5L1	11	55579578	melanoma
27261	OR5L1	11	55579712	melanoma
27262	OR5L1	11	55579789	melanoma
27263	OR5D18	11	55587445	Classic
27264	OR5D18	11	55587445	Classic_like
27265	OR5D18	11	55587445	Gbm
27266	OR5D18	11	55587445	IDHwt
27267	OR5D18	11	55587445	IDHwt_priGBM
27268	OR5D18	11	55587445	LGG GBM
27269	OR5D18	11	55587473	Codel
27270	OR5D18	11	55587473	IDHmut
27271	OR5D18	11	55587473	IDHmut_noncodel
27272	OR5D18	11	55587473	LGG GBM
27273	OR5D18	11	55587473	OligoAstr
27274	OR5D18	11	55587473	Proneural
27275	OR5D18	11	55587476	Classic_like
27276	OR5D18	11	55587476	Classic_like
27277	OR5D18	11	55587476	Gbm
27278	OR5D18	11	55587476	Gbm
27279	OR5D18	11	55587476	IDHwt
27280	OR5D18	11	55587476	IDHwt
27281	OR5D18	11	55587476	IDHwt_priGBM
27282	OR5D18	11	55587476	IDHwt_priGBM
27283	OR5D18	11	55587476	LGG GBM
27284	OR5D18	11	55587476	LGG GBM
27285	OR5D18	11	55587476	Mesenchymal
27286	OR5D18	11	55587476	Mesenchymal
27287	OR5D18	11	55587727	melanoma
27288	OR5D18	11	55587727	melanoma
27289	OR5D18	11	55587773	melanoma
27290	OR5L2	11	55595232	melanoma
27291	OR5L2	11	55595232	melanoma
27292	OR5L2	11	55595541	melanoma
27293	OR5D16	11	55606738	melanoma
27294	OR5D16	11	55606738	melanoma
27295	TRIM51	11	55653181	lung
27296	TRIM51	11	55653197	Gbm
27297	TRIM51	11	55653197	Gbm
27298	TRIM51	11	55653197	IDHwt
27299	TRIM51	11	55653197	IDHwt
27300	TRIM51	11	55653197	IDHwt_priGBM
27301	TRIM51	11	55653197	IDHwt_priGBM
27302	TRIM51	11	55653197	LGG GBM
27303	TRIM51	11	55653197	LGG GBM
27304	TRIM51	11	55653197	Mesenchymal
27305	TRIM51	11	55653197	Mesenchymal
27306	TRIM51	11	55658914	Gbm
27307	TRIM51	11	55658914	Gbm
27308	TRIM51	11	55658914	IDHwt
27309	TRIM51	11	55658914	IDHwt
27310	TRIM51	11	55658914	IDHwt_priGBM
27311	TRIM51	11	55658914	IDHwt_priGBM
27312	TRIM51	11	55658914	LGG GBM
27313	TRIM51	11	55658914	LGG GBM
27314	TRIM51	11	55658914	Mesenchymal
27315	TRIM51	11	55658914	Mesenchymal
27316	OR5I1	11	55703444	Gbm
27317	OR5I1	11	55703444	Gbm

27318	OR5I1	11	55703444	IDHwt
27319	OR5I1	11	55703444	IDHwt
27320	OR5I1	11	55703444	IDHwt_priGBM
27321	OR5I1	11	55703444	IDHwt_priGBM
27322	OR5I1	11	55703444	LGG GBM
27323	OR5I1	11	55703444	LGG GBM
27324	OR5I1	11	55703444	Mesenchymal_like
27325	OR5I1	11	55703444	Mesenchymal_like
27326	OR5I1	11	55703444	Proneural
27327	OR5I1	11	55703444	Proneural
27328	OR5I1	11	55703507	melanoma
27329	OR5I1	11	55703593	bladder
27330	OR5I1	11	55703593	bladder
27331	OR5I1	11	55703593	bladder
27332	OR5I1	11	55703722	melanoma
27333	OR10AG1	11	55735698	melanoma
27334	OR10AG1	11	55735767	melanoma
27335	OR5F1	11	55761884	Gbm
27336	OR5F1	11	55761884	IDHwt
27337	OR5F1	11	55761884	IDHwt_priGBM
27338	OR5F1	11	55761884	LGG GBM
27339	OR5F1	11	55761884	Mesenchymal_like
27340	OR5F1	11	55762008	bladder
27341	OR5F1	11	55762008	bladder
27342	OR5AS1	11	55798015	IDHwt_priGBM2
27343	OR5AS1	11	55798066	melanoma
27344	OR5AS1	11	55798066	melanoma
27345	OR5AS1	11	55798066	melanoma
27346	OR5AS1	11	55798086	Codel
27347	OR5AS1	11	55798086	IDHmut
27348	OR5AS1	11	55798086	IDHmut_codel
27349	OR5AS1	11	55798086	LGG GBM
27350	OR5AS1	11	55798086	Neural
27351	OR5AS1	11	55798086	Oligo
27352	OR5AS1	11	55798567	lung
27353	OR5AS1	11	55798589	Codel
27354	OR5AS1	11	55798589	IDHmut
27355	OR5AS1	11	55798589	IDHmut_codel
27356	OR5AS1	11	55798589	LGG GBM
27357	OR5AS1	11	55798589	Neural
27358	OR5AS1	11	55798589	Oligo
27359	OR5AS1	11	55798694	melanoma
27360	OR5AS1	11	55798694	melanoma
27361	OR5AS1	11	55798694	melanoma
27362	OR5AS1	11	55798694	melanoma
27363	OR5AS1	11	55798741	melanoma
27364	OR8I2	11	55861409	melanoma
27365	OR8I2	11	55861409	melanoma
27366	OR8I2	11	55861489	lung
27367	OR8I2	11	55861577	melanoma
27368	OR8H2	11	55872561	melanoma
27369	OR8H2	11	55872670	Gbm
27370	OR8H2	11	55872670	IDHwt
27371	OR8H2	11	55872670	IDHwt_priGBM
27372	OR8H2	11	55872670	LGG GBM
27373	OR8H2	11	55872670	Proneural
27374	OR8H2	11	55873227	melanoma
27375	OR8H2	11	55873318	melanoma

27376	OR8H2	11	55873377	melanoma
27377	OR8H3	11	55890024	melanoma
27378	OR8H3	11	55890024	melanoma
27379	OR8H3	11	55890114	melanoma
27380	OR8H3	11	55890126	melanoma
27381	OR8H3	11	55890393	melanoma
27382	OR8H3	11	55890534	melanoma
27383	OR8H3	11	55890648	Codel
27384	OR8H3	11	55890648	IDHmut
27385	OR8H3	11	55890648	IDHmut_codel
27386	OR8H3	11	55890648	LGG GBM
27387	OR8H3	11	55890648	Proneural
27388	OR8H3	11	55890648	melanoma
27389	OR8J3	11	55904467	Classic
27390	OR8J3	11	55904467	Classic
27391	OR8J3	11	55904467	Gbm
27392	OR8J3	11	55904467	Gbm
27393	OR8J3	11	55904467	LGG GBM
27394	OR8J3	11	55904467	LGG GBM
27395	OR8J3	11	55904467	Mesenchymal_like
27396	OR8J3	11	55904467	Mesenchymal_like
27397	OR8K5	11	55927066	melanoma
27398	OR8K5	11	55927078	melanoma
27399	OR8K5	11	55927078	melanoma
27400	OR5J2	11	55944547	melanoma
27401	OR5J2	11	55944671	melanoma
27402	OR5T2	11	55999927	lung
27403	OR5T2	11	56000387	melanoma
27404	OR5T2	11	56000423	lung
27405	OR5T2	11	56000423	lung
27406	OR5T3	11	56020051	Astr
27407	OR5T3	11	56020051	Astr
27408	OR5T3	11	56020051	Classic_like
27409	OR5T3	11	56020051	Classic_like
27410	OR5T3	11	56020051	IDHwt
27411	OR5T3	11	56020051	IDHwt
27412	OR5T3	11	56020051	LGG GBM
27413	OR5T3	11	56020051	LGG GBM
27414	OR5T3	11	56020051	Neural
27415	OR5T3	11	56020051	Neural
27416	OR5T3	11	56020103	melanoma
27417	OR5T1	11	56043514	melanoma
27418	OR5T1	11	56043514	melanoma
27419	OR5T1	11	56043515	Astr
27420	OR5T1	11	56043515	Astr
27421	OR5T1	11	56043515	Astr
27422	OR5T1	11	56043515	GCIMP_high
27423	OR5T1	11	56043515	GCIMP_high
27424	OR5T1	11	56043515	GCIMP_high
27425	OR5T1	11	56043515	IDHmut
27426	OR5T1	11	56043515	IDHmut
27427	OR5T1	11	56043515	IDHmut
27428	OR5T1	11	56043515	IDHmut_noncodel
27429	OR5T1	11	56043515	IDHmut_noncodel
27430	OR5T1	11	56043515	IDHmut_noncodel
27431	OR5T1	11	56043515	LGG GBM
27432	OR5T1	11	56043515	LGG GBM
27433	OR5T1	11	56043515	LGG GBM

27434	OR5T1	11	56043515	Neural
27435	OR5T1	11	56043515	Neural
27436	OR5T1	11	56043515	Neural
27437	OR5T1	11	56043941	melanoma
27438	OR8H1	11	56057956	melanoma
27439	OR8H1	11	56058178	melanoma
27440	OR8K3	11	56085826	Gbm
27441	OR8K3	11	56085826	IDHwt
27442	OR8K3	11	56085826	IDHwt_priGBM
27443	OR8K3	11	56085826	LGG GBM
27444	OR8K3	11	56085826	Mesenchymal
27445	OR8K3	11	56085826	Mesenchymal_like
27446	OR8K3	11	56086579	melanoma
27447	OR8K3	11	56086579	melanoma
27448	OR8K3	11	56086620	Gbm
27449	OR8K3	11	56086620	IDHwt
27450	OR8K3	11	56086620	IDHwt_priGBM
27451	OR8K3	11	56086620	LGG GBM
27452	OR8K3	11	56086620	Neural
27453	OR8K1	11	56113534	IDHwt
27454	OR8K1	11	56113534	LGG GBM
27455	OR8K1	11	56113534	Mesenchymal_like
27456	OR8K1	11	56113534	Oligo
27457	OR8K1	11	56113719	lung
27458	OR8K1	11	56113719	lung
27459	OR8K1	11	56113896	melanoma
27460	OR8K1	11	56113896	melanoma
27461	OR8K1	11	56114317	melanoma
27462	OR8K1	11	56114317	melanoma
27463	OR8K1	11	56114323	hnscc
27464	OR8J1	11	56128416	melanoma
27465	OR8U1;OR8U8	11	56143367	melanoma
27466	OR5R1	11	56185068	Astr
27467	OR5R1	11	56185068	GCIMP_high
27468	OR5R1	11	56185068	IDHmut
27469	OR5R1	11	56185068	IDHmut_noncodel
27470	OR5R1	11	56185068	LGG GBM
27471	OR5R1	11	56185290	lung
27472	OR5R1	11	56185396	melanoma
27473	OR5M9	11	56230598	lung
27474	OR5M9	11	56230684	melanoma
27475	OR5M9	11	56230864	Gbm
27476	OR5M9	11	56230864	IDHwt
27477	OR5M9	11	56230864	IDHwt_priGBM
27478	OR5M9	11	56230864	LGG GBM
27479	OR5M9	11	56230864	Mesenchymal
27480	OR5M9	11	56230864	Mesenchymal_like
27481	OR5M3	11	56237351	melanoma
27482	OR5M3	11	56237501	Astr
27483	OR5M3	11	56237501	GCIMP_low
27484	OR5M3	11	56237501	IDHmut
27485	OR5M3	11	56237501	IDHmut_noncodel
27486	OR5M3	11	56237501	LGG GBM
27487	OR5M3	11	56237501	Proneural
27488	OR5M3	11	56237516	Gbm
27489	OR5M3	11	56237516	Gbm
27490	OR5M3	11	56237516	IDHwt
27491	OR5M3	11	56237516	IDHwt

27492	OR5M3	11	56237516	IDHwt_priGBM
27493	OR5M3	11	56237516	IDHwt_priGBM
27494	OR5M3	11	56237516	LGG GBM
27495	OR5M3	11	56237516	LGG GBM
27496	OR5M3	11	56237516	LGM6_GBM
27497	OR5M3	11	56237516	LGM6_GBM
27498	OR5M3	11	56237516	Mesenchymal
27499	OR5M3	11	56237516	Mesenchymal
27500	OR5M3	11	56237682	lung
27501	OR5M3	11	56237682	lung
27502	OR5M3	11	56237927	Gbm
27503	OR5M3	11	56237927	Gbm
27504	OR5M3	11	56237927	Gbm
27505	OR5M3	11	56237927	IDHwt
27506	OR5M3	11	56237927	IDHwt
27507	OR5M3	11	56237927	IDHwt
27508	OR5M3	11	56237927	IDHwt_priGBM
27509	OR5M3	11	56237927	IDHwt_priGBM
27510	OR5M3	11	56237927	IDHwt_priGBM
27511	OR5M3	11	56237927	LGG GBM
27512	OR5M3	11	56237927	LGG GBM
27513	OR5M3	11	56237927	LGG GBM
27514	OR5M3	11	56237927	Proneural
27515	OR5M3	11	56237927	Proneural
27516	OR5M3	11	56237927	Proneural
27517	OR5M8	11	56258003	melanoma
27518	OR5M8	11	56258264	melanoma
27519	OR5M11	11	56309892	melanoma
27520	OR5M11	11	56309892	melanoma
27521	OR5M11	11	56310006	lung
27522	OR5M11	11	56310006	lung
27523	OR5M11	11	56310051	Astr
27524	OR5M11	11	56310051	Astr
27525	OR5M11	11	56310051	GCIMP_high
27526	OR5M11	11	56310051	GCIMP_high
27527	OR5M11	11	56310051	IDHmut
27528	OR5M11	11	56310051	IDHmut
27529	OR5M11	11	56310051	IDHmut_noncodel
27530	OR5M11	11	56310051	IDHmut_noncodel
27531	OR5M11	11	56310051	LGG GBM
27532	OR5M11	11	56310051	LGG GBM
27533	OR5M11	11	56310330	Classic
27534	OR5M11	11	56310330	Classic_like
27535	OR5M11	11	56310330	Gbm
27536	OR5M11	11	56310330	IDHwt
27537	OR5M11	11	56310330	IDHwt_priGBM
27538	OR5M11	11	56310330	LGG GBM
27539	OR5M10	11	56344367	melanoma
27540	OR5M10	11	56344881	melanoma
27541	OR5M10	11	56345073	melanoma
27542	OR5M1	11	56380101	lung
27543	OR5M1	11	56380615	melanoma
27544	OR5M1	11	56380615	melanoma
27545	OR5M1	11	56380615	melanoma
27546	OR5M1	11	56380723	melanoma
27547	OR5M1	11	56380788	bladder
27548	OR5AP2	11	56409254	IDHwt_priGBM2
27549	OR5AP2	11	56409662	lung

27550	OR5AP2	11	56409662	lung
27551	OR5AP2	11	56409662	lung
27552	OR5AR1	11	56431526	Gbm
27553	OR5AR1	11	56431526	IDHwt
27554	OR5AR1	11	56431526	IDHwt_priGBM
27555	OR5AR1	11	56431526	LGG GBM
27556	OR5AR1	11	56431526	Mesenchymal_like
27557	OR5AR1	11	56431526	Neural
27558	OR5AR1	11	56431699	melanoma
27559	OR5AR1	11	56431700	lung
27560	OR9G1;OR9G9	11	56468398	melanoma
27561	OR9G1;OR9G9	11	56468398	melanoma
27562	OR9G4	11	56510803	Classic
27563	OR9G4	11	56510803	Gbm
27564	OR9G4	11	56510803	IDHwt
27565	OR9G4	11	56510803	IDHwt_priGBM
27566	OR9G4	11	56510803	LGG GBM
27567	OR9G4	11	56510803	Mesenchymal_like
27568	OR5AK2	11	56756501	melanoma
27569	OR5AK2	11	56756501	melanoma
27570	OR5AK2	11	56756501	melanoma
27571	OR5AK2	11	56756501	melanoma
27572	OR5AK2	11	56756951	melanoma
27573	LRRC55	11	56949561	melanoma
27574	LRRC55	11	56949722	Classic
27575	LRRC55	11	56949722	Gbm
27576	LRRC55	11	56949722	IDHwt
27577	LRRC55	11	56949722	IDHwt_priGBM
27578	LRRC55	11	56949722	LGG GBM
27579	LRRC55	11	56949947	Classic_like
27580	LRRC55	11	56949947	Gbm
27581	LRRC55	11	56949947	IDHwt
27582	LRRC55	11	56949947	IDHwt_priGBM
27583	LRRC55	11	56949947	LGG GBM
27584	TNKS1BP1	11	57089305	melanoma
27585	TNKS1BP1	11	57089338	melanoma
27586	TNKS1BP1	11	57089338	melanoma
27587	P2RX3	11	57106059	melanoma
27588	P2RX3	11	57106059	melanoma
27589	SLC43A3	11	57176690	bladder
27590	SLC43A3	11	57182553	melanoma
27591	SERPING1	11	57379341	melanoma
27592	ZDHHC5	11	57457650	melanoma
27593	BTBD18	11	57513186	melanoma
27594	CTNND1	11	57575736	melanoma
27595	OR6Q1	11	57798800	melanoma
27596	OR6Q1	11	57798800	melanoma
27597	OR6Q1	11	57798800	melanoma
27598	OR6Q1	11	57799131	melanoma
27599	OR9I1	11	57886786	melanoma
27600	OR9Q1	11	57947356	melanoma
27601	OR9Q2	11	57958288	lung
27602	OR1S2	11	57970813	melanoma
27603	OR1S1	11	57982233	melanoma
27604	OR1S1	11	57982589	Astr
27605	OR1S1	11	57982589	GCIMP_high
27606	OR1S1	11	57982589	IDHmut
27607	OR1S1	11	57982589	IDHmut_noncodel

27608	OR1S1	11	57982589	LGG GBM
27609	OR1S1	11	57982589	Proneural
27610	OR10Q1	11	57995644	melanoma
27611	OR10Q1	11	57995753	Codel
27612	OR10Q1	11	57995753	IDHmut
27613	OR10Q1	11	57995753	IDHmut_codel
27614	OR10Q1	11	57995753	LGG GBM
27615	OR10W1	11	58034630	melanoma
27616	OR5B17	11	58125852	melanoma
27617	OR5B3	11	58170125	lung
27618	OR5B3	11	58170125	lung
27619	OR5B3	11	58170144	melanoma
27620	OR5B3	11	58170350	Classic_like
27621	OR5B3	11	58170350	Classic_like
27622	OR5B3	11	58170350	Gbm
27623	OR5B3	11	58170350	Gbm
27624	OR5B3	11	58170350	IDHwt
27625	OR5B3	11	58170350	IDHwt
27626	OR5B3	11	58170350	IDHwt_priGBM
27627	OR5B3	11	58170350	IDHwt_priGBM
27628	OR5B3	11	58170350	LGG GBM
27629	OR5B3	11	58170350	LGG GBM
27630	OR5B3	11	58170627	melanoma
27631	OR5B3	11	58170702	melanoma
27632	OR5B2	11	58189995	melanoma
27633	OR5B2	11	58189995	melanoma
27634	OR5B12	11	58206849	melanoma
27635	OR5B12	11	58207395	lung
27636	OR5B12	11	58207500	melanoma
27637	LPXN	11	58317480	melanoma
27638	CNTF	11	58391598	lung
27639	CNTF	11	58391921	melanoma
27640	GLYAT	11	58477565	lung
27641	GLYATL2	11	58602118	bladder
27642	GLYATL1	11	58711073	melanoma
27643	FAM111B	11	58893207	melanoma
27644	FAM111B	11	58893207	melanoma
27645	DTX4	11	58949764	Classic_like
27646	DTX4	11	58949764	Gbm
27647	DTX4	11	58949764	IDHwt
27648	DTX4	11	58949764	IDHwt_priGBM
27649	DTX4	11	58949764	LGG GBM
27650	DTX4	11	58972357	lung
27651	MPEG1	11	58979819	melanoma
27652	OR5AN1	11	59132298	melanoma
27653	OR5A1	11	59211078	Gbm
27654	OR5A1	11	59211078	Gbm
27655	OR5A1	11	59211078	Gbm
27656	OR5A1	11	59211078	IDHwt
27657	OR5A1	11	59211078	IDHwt
27658	OR5A1	11	59211078	IDHwt
27659	OR5A1	11	59211078	IDHwt_priGBM
27660	OR5A1	11	59211078	IDHwt_priGBM
27661	OR5A1	11	59211078	IDHwt_priGBM
27662	OR5A1	11	59211078	LGG GBM
27663	OR5A1	11	59211078	LGG GBM
27664	OR5A1	11	59211078	LGG GBM
27665	OR5A1	11	59211078	LGm6_GBM

27666	OR5A1	11	59211078	LGm6_GBM
27667	OR5A1	11	59211078	LGm6_GBM
27668	OR5A1	11	59211422	Codel
27669	OR5A1	11	59211422	Codel
27670	OR5A1	11	59211422	IDHmut
27671	OR5A1	11	59211422	IDHmut
27672	OR5A1	11	59211422	IDHmut_codel
27673	OR5A1	11	59211422	IDHmut_codel
27674	OR5A1	11	59211422	LGG_GBM
27675	OR5A1	11	59211422	LGG_GBM
27676	OR5A1	11	59211422	OligoAstr
27677	OR5A1	11	59211422	OligoAstr
27678	OR5A1	11	59211422	Proneural
27679	OR5A1	11	59211422	Proneural
27680	OR5A1	11	59211509	melanoma
27681	OR5A1	11	59211510	melanoma
27682	OR5A1	11	59211510	melanoma
27683	OR4D6	11	59224492	melanoma
27684	OR4D6	11	59224624	melanoma
27685	OR4D10	11	59245168	melanoma
27686	OR4D10	11	59245168	melanoma
27687	OR4D11	11	59271382	Classic_like
27688	OR4D11	11	59271382	Gbm
27689	OR4D11	11	59271382	IDHwt
27690	OR4D11	11	59271382	IDHwt_priGBM
27691	OR4D11	11	59271382	LGG_GBM
27692	OSBP	11	59368009	Classic
27693	OSBP	11	59368009	Classic_like
27694	OSBP	11	59368009	Gbm
27695	OSBP	11	59368009	LGG_GBM
27696	PATL1	11	59410459	melanoma
27697	PATL1	11	59410459	melanoma
27698	PATL1	11	59410459	melanoma
27699	PATL1	11	59423194	melanoma
27700	PATL1	11	59423456	Gbm
27701	PATL1	11	59423456	IDHwt
27702	PATL1	11	59423456	IDHwt_priGBM
27703	PATL1	11	59423456	LGG_GBM
27704	PATL1	11	59423456	Mesenchymal
27705	OR10V1	11	59481029	IDHwt
27706	OR10V1	11	59481029	IDHwt
27707	OR10V1	11	59481029	LGG_GBM
27708	OR10V1	11	59481029	LGG_GBM
27709	OR10V1	11	59481029	Mesenchymal_like
27710	OR10V1	11	59481029	Mesenchymal_like
27711	OR10V1	11	59481032	Gbm
27712	OR10V1	11	59481032	Gbm
27713	OR10V1	11	59481032	IDHwt
27714	OR10V1	11	59481032	IDHwt
27715	OR10V1	11	59481032	IDHwt_priGBM
27716	OR10V1	11	59481032	IDHwt_priGBM
27717	OR10V1	11	59481032	LGG_GBM
27718	OR10V1	11	59481032	LGG_GBM
27719	OR10V1	11	59481032	Mesenchymal_like
27720	OR10V1	11	59481032	Mesenchymal_like
27721	OR10V1	11	59481032	Neural
27722	OR10V1	11	59481032	Neural
27723	MRPL16	11	59575278	melanoma

27724	GIF	11	59610027	melanoma
27725	GIF	11	59610027	melanoma
27726	TCN1	11	59620709	melanoma
27727	TCN1	11	59620709	melanoma
27728	TCN1	11	59620709	melanoma
27729	TCN1	11	59629106	Classic
27730	TCN1	11	59629106	Classic
27731	TCN1	11	59629106	Classic_like
27732	TCN1	11	59629106	Classic_like
27733	TCN1	11	59629106	Gbm
27734	TCN1	11	59629106	Gbm
27735	TCN1	11	59629106	IDHwt
27736	TCN1	11	59629106	IDHwt
27737	TCN1	11	59629106	IDHwt_priGBM
27738	TCN1	11	59629106	IDHwt_priGBM
27739	TCN1	11	59629106	LGG GBM
27740	TCN1	11	59629106	LGG GBM
27741	OOSP2	11	59807955	GCIMP_high
27742	OOSP2	11	59807955	IDHmut
27743	OOSP2	11	59807955	IDHmut_noncodel
27744	OOSP2	11	59807955	LGG GBM
27745	OOSP2	11	59807955	Proneural
27746	OOSP2	11	59812204	melanoma
27747	MS4A2	11	59860960	melanoma
27748	MS4A4A	11	60068490	melanoma
27749	MS4A4A	11	60068490	melanoma
27750	MS4A6E	11	60105260	lung
27751	MS4A1	11	60233626	Gbm
27752	MS4A1	11	60233626	Gbm
27753	MS4A1	11	60233626	IDHwt
27754	MS4A1	11	60233626	IDHwt
27755	MS4A1	11	60233626	IDHwt_priGBM
27756	MS4A1	11	60233626	IDHwt_priGBM
27757	MS4A1	11	60233626	LGG GBM
27758	MS4A1	11	60233626	LGG GBM
27759	MS4A1	11	60233626	Mesenchymal
27760	MS4A1	11	60233626	Mesenchymal
27761	MS4A13	11	60296881	melanoma
27762	MS4A13	11	60296881	melanoma
27763	MS4A13	11	60310007	melanoma
27764	MS4A13	11	60310007	melanoma
27765	MS4A8	11	60468397	melanoma
27766	MS4A8	11	60482497	melanoma
27767	MS4A10	11	60557857	melanoma
27768	MS4A10	11	60557857	melanoma
27769	ZP1	11	60638465	melanoma
27770	ZP1	11	60638465	melanoma
27771	ZP1	11	60638465	melanoma
27772	ZP1	11	60638714	lung
27773	TMEM132A	11	60694735	melanoma
27774	TMEM132A	11	60701111	melanoma
27775	SLC15A3	11	60714106	melanoma
27776	CD6	11	60775061	hnsc
27777	CD5	11	60885677	lung
27778	DDB1	11	61071360	melanoma
27779	DDB1	11	61077409	lung
27780	DDB1	11	61079499	Classic_like
27781	DDB1	11	61079499	Gbm

27782	DDB1	11	61079499	IDHwt
27783	DDB1	11	61079499	IDHwt_priGBM
27784	DDB1	11	61079499	LGG GBM
27785	TKFC	11	61106788	melanoma
27786	CPSF7	11	61183913	melanoma
27787	PPP1R32	11	61250248	melanoma
27788	SYT7	11	61318916	melanoma
27789	DAGLA	11	61490352	Classic_like
27790	DAGLA	11	61490352	Gbm
27791	DAGLA	11	61490352	IDHwt
27792	DAGLA	11	61490352	IDHwt_priGBM
27793	DAGLA	11	61490352	LGG GBM
27794	DAGLA	11	61493547	bladder
27795	DAGLA	11	61504697	melanoma
27796	MYRF	11	61548670	melanoma
27797	MYRF	11	61548670	melanoma
27798	MYRF	11	61548799	bladder
27799	FADS1	11	61580076	melanoma
27800	FADS2	11	61596011	melanoma
27801	FADS2	11	61596011	melanoma
27802	FADS3	11	61644404	Astr
27803	FADS3	11	61644404	Astr
27804	FADS3	11	61644404	GCIMP_high
27805	FADS3	11	61644404	GCIMP_high
27806	FADS3	11	61644404	IDHmut
27807	FADS3	11	61644404	IDHmut
27808	FADS3	11	61644404	IDHmut_noncodel
27809	FADS3	11	61644404	IDHmut_noncodel
27810	FADS3	11	61644404	LGG GBM
27811	FADS3	11	61644404	LGG GBM
27812	FADS3	11	61647583	Classic_like
27813	FADS3	11	61647583	Gbm
27814	FADS3	11	61647583	IDHwt
27815	FADS3	11	61647583	IDHwt_priGBM
27816	FADS3	11	61647583	LGG GBM
27817	FADS3	11	61647583	Mesenchymal
27818	INCENP	11	61897934	melanoma
27819	INCENP	11	61908392	melanoma
27820	INCENP	11	61908392	melanoma
27821	INCENP	11	61908395	melanoma
27822	SCGB2A2	11	62037728	melanoma
27823	AHNAK	11	62286659	melanoma
27824	AHNAK	11	62288237	Gbm
27825	AHNAK	11	62288237	IDHwt
27826	AHNAK	11	62288237	IDHwt_priGBM
27827	AHNAK	11	62288237	LGG GBM
27828	AHNAK	11	62288237	Mesenchymal
27829	AHNAK	11	62288237	Mesenchymal_like
27830	AHNAK	11	62289320	melanoma
27831	AHNAK	11	62290084	melanoma
27832	AHNAK	11	62290084	melanoma
27833	AHNAK	11	62293582	melanoma
27834	AHNAK	11	62294775	bladder
27835	AHNAK	11	62294964	lung
27836	AHNAK	11	62297952	bladder
27837	TUT1	11	62343560	melanoma
27838	TUT1	11	62346151	melanoma
27839	TUT1	11	62348874	melanoma

27840	TUT1	11	62348874	melanoma
27841	EML3	11	62376437	lung
27842	GANAB	11	62396718	bladder
27843	GANAB	11	62402416	melanoma
27844	GANAB	11	62402461	lung
27845	HNRNPUL2	11	62490299	melanoma
27846	POLR2G	11	62530370	Classic
27847	POLR2G	11	62530370	IDHwt
27848	POLR2G	11	62530370	LGG GBM
27849	POLR2G	11	62530370	Mesenchymal_like
27850	POLR2G	11	62530370	OligoAstr
27851	TAF6L	11	62546401	melanoma
27852	NXF1	11	62569082	bladder
27853	WDR74	11	62602922	melanoma
27854	SLC3A2	11	62652158	lung
27855	CHRM1	11	62678089	melanoma
27856	SLC22A6	11	62744770	melanoma
27857	SLC22A6	11	62744770	melanoma
27858	SLC22A6	11	62744774	melanoma
27859	SLC22A6	11	62746972	melanoma
27860	SLC22A6	11	62746972	melanoma
27861	SLC22A8	11	62762050	lung
27862	SLC22A8	11	62763580	melanoma
27863	SLC22A25	11	62933714	melanoma
27864	SLC22A25	11	62933714	melanoma
27865	SLC22A25	11	62996817	melanoma
27866	SLC22A25	11	62996887	melanoma
27867	SLC22A10	11	63066402	melanoma
27868	SLC22A10	11	63069898	melanoma
27869	SLC22A10	11	63069908	Gbm
27870	SLC22A10	11	63069908	IDHwt
27871	SLC22A10	11	63069908	IDHwt_priGBM
27872	SLC22A10	11	63069908	LGG GBM
27873	SLC22A10	11	63069908	Mesenchymal
27874	SLC22A10	11	63069908	Mesenchymal_like
27875	SLC22A10	11	63071595	Classic
27876	SLC22A10	11	63071595	Classic_like
27877	SLC22A10	11	63071595	Gbm
27878	SLC22A10	11	63071595	IDHwt
27879	SLC22A10	11	63071595	IDHwt_priGBM
27880	SLC22A10	11	63071595	LGG GBM
27881	SLC22A10	11	63072232	Classic_like
27882	SLC22A10	11	63072232	Gbm
27883	SLC22A10	11	63072232	IDHwt
27884	SLC22A10	11	63072232	IDHwt_priGBM
27885	SLC22A10	11	63072232	LGG GBM
27886	SLC22A10	11	63072232	Neural
27887	SLC22A9	11	63137553	melanoma
27888	SLC22A9	11	63174115	Gbm
27889	SLC22A9	11	63174115	IDHwt
27890	SLC22A9	11	63174115	IDHwt_priGBM
27891	SLC22A9	11	63174115	LGG GBM
27892	SLC22A9	11	63175649	melanoma
27893	SLC22A9	11	63175679	melanoma
27894	SLC22A9	11	63175679	melanoma
27895	SLC22A9	11	63176203	melanoma
27896	SLC22A9	11	63176203	melanoma
27897	HRASLS5	11	63231046	melanoma

27898	LGALS12	11	63276089	melanoma
27899	RARRES3	11	63307030	melanoma
27900	ATL3	11	63398621	melanoma
27901	RTN3	11	63487398	Astr
27902	RTN3	11	63487398	GCIMP_low
27903	RTN3	11	63487398	IDHmut
27904	RTN3	11	63487398	IDHmut_noncodel
27905	RTN3	11	63487398	LGG GBM
27906	RTN3	11	63487398	Mesenchymal
27907	C11orf84	11	63581262	melanoma
27908	C11orf84	11	63585483	melanoma
27909	C11orf84	11	63585483	melanoma
27910	C11orf84	11	63594420	melanoma
27911	MARK2	11	63666572	bladder
27912	MARK2	11	63676648	melanoma
27913	NAA40	11	63719717	melanoma
27914	FERMT3	11	63987951	Codel
27915	FERMT3	11	63987951	Codel
27916	FERMT3	11	63987951	Codel
27917	FERMT3	11	63987951	IDHmut
27918	FERMT3	11	63987951	IDHmut
27919	FERMT3	11	63987951	IDHmut
27920	FERMT3	11	63987951	IDHmut_codel
27921	FERMT3	11	63987951	IDHmut_codel
27922	FERMT3	11	63987951	IDHmut_codel
27923	FERMT3	11	63987951	LGG GBM
27924	FERMT3	11	63987951	LGG GBM
27925	FERMT3	11	63987951	LGG GBM
27926	FERMT3	11	63987951	Neural
27927	FERMT3	11	63987951	Neural
27928	FERMT3	11	63987951	Neural
27929	FERMT3	11	63987951	Oligo
27930	FERMT3	11	63987951	Oligo
27931	FERMT3	11	63987951	Oligo
27932	PLCB3	11	64026055	melanoma
27933	PLCB3	11	64026055	melanoma
27934	KCNK4	11	64065719	hnsc
27935	ESRRA	11	64083328	IDHwt_priGBM2
27936	CCDC88B	11	64111620	melanoma
27937	RPS6KA4	11	64129169	lung
27938	RPS6KA4	11	64129169	lung
27939	RPS6KA4	11	64137053	melanoma
27940	NRXN2	11	64374952	melanoma
27941	NRXN2	11	64393941	melanoma
27942	NRXN2	11	64393941	melanoma
27943	PYGM	11	64514249	Classic_like
27944	PYGM	11	64514249	Gbm
27945	PYGM	11	64514249	IDHwt
27946	PYGM	11	64514249	IDHwt_priGBM
27947	PYGM	11	64514249	LGG GBM
27948	PYGM	11	64514249	Proneural
27949	PYGM	11	64521094	melanoma
27950	PYGM	11	64521434	melanoma
27951	SF1	11	64534500	melanoma
27952	SF1	11	64534500	melanoma
27953	MEN1	11	64577427	lung
27954	CDC42BPG	11	64601422	melanoma
27955	CDC42BPG	11	64603710	lung

27956	ATG2A	11	64677342	melanoma
27957	ATG2A	11	64677342	melanoma
27958	PPP2R5B	11	64698008	melanoma
27959	SNX15	11	64800017	melanoma
27960	NAALADL1	11	64825616	melanoma
27961	NAALADL1	11	64825878	Classic_like
27962	NAALADL1	11	64825878	Gbm
27963	NAALADL1	11	64825878	IDHwt
27964	NAALADL1	11	64825878	IDHwt_priGBM
27965	NAALADL1	11	64825878	LGG GBM
27966	NAALADL1	11	64825878	Mesenchymal
27967	ZFPL1	11	64855533	Astr
27968	ZFPL1	11	64855533	GCIMP_high
27969	ZFPL1	11	64855533	IDHmut
27970	ZFPL1	11	64855533	IDHmut_noncodel
27971	ZFPL1	11	64855533	LGG GBM
27972	ZFPL1	11	64855533	Proneural
27973	VPS51	11	64876151	Gbm
27974	VPS51	11	64876151	IDHwt
27975	VPS51	11	64876151	IDHwt_priGBM
27976	VPS51	11	64876151	LGG GBM
27977	VPS51	11	64876151	Mesenchymal_like
27978	VPS51	11	64876807	melanoma
27979	CAPN1	11	64953709	bladder
27980	POLA2	11	65061691	melanoma
27981	CDC42EP2	11	65088547	lung
27982	CDC42EP2	11	65088701	melanoma
27983	TIGD3	11	65123826	melanoma
27984	TIGD3	11	65123826	melanoma
27985	FRMD8	11	65178794	melanoma
27986	FRMD8	11	65178794	melanoma
27987	SSSCA1	11	65339119	melanoma
27988	SSSCA1	11	65339119	melanoma
27989	EHBP1L1	11	65347600	melanoma
27990	EHBP1L1	11	65350884	melanoma
27991	MAP3K11	11	65375826	melanoma
27992	PCNX3	11	65386185	melanoma
27993	PCNX3	11	65393163	Codel
27994	PCNX3	11	65393163	IDHmut
27995	PCNX3	11	65393163	IDHmut_codel
27996	PCNX3	11	65393163	LGG GBM
27997	PCNX3	11	65393163	Oligo
27998	PCNX3	11	65393163	Proneural
27999	SIPA1	11	65413729	melanoma
28000	SIPA1	11	65417064	Gbm
28001	SIPA1	11	65417064	IDHwt
28002	SIPA1	11	65417064	IDHwt_priGBM
28003	SIPA1	11	65417064	LGG GBM
28004	SIPA1	11	65417064	Mesenchymal_like
28005	RELA	11	65422399	melanoma
28006	RELA	11	65422399	melanoma
28007	KAT5	11	65481076	bladder
28008	KAT5	11	65482344	melanoma
28009	AP5B1	11	65545460	melanoma
28010	AP5B1	11	65545460	melanoma
28011	AP5B1	11	65547261	melanoma
28012	AP5B1	11	65547261	melanoma
28013	OVOL1	11	65562106	melanoma

28014	MUS81	11	65632716	melanoma
28015	EFEMP2	11	65635809	melanoma
28016	CTSW	11	65647754	Classic
28017	CTSW	11	65647754	Gbm
28018	CTSW	11	65647754	IDHwt
28019	CTSW	11	65647754	IDHwt_priGBM
28020	CTSW	11	65647754	LGG GBM
28021	CTSW	11	65647754	Mesenchymal_like
28022	FIBP	11	65653048	melanoma
28023	FOSL1	11	65664395	melanoma
28024	FOSL1	11	65664395	melanoma
28025	FOSL1	11	65664395	melanoma
28026	SART1	11	65732607	melanoma
28027	CATSPER1	11	65784545	melanoma
28028	CATSPER1	11	65792829	lung
28029	GAL3ST3	11	65810028	melanoma
28030	GAL3ST3	11	65810541	IDHwt
28031	GAL3ST3	11	65810541	IDHwt
28032	GAL3ST3	11	65810541	LGG GBM
28033	GAL3ST3	11	65810541	LGG GBM
28034	GAL3ST3	11	65810541	Mesenchymal_like
28035	GAL3ST3	11	65810541	Mesenchymal_like
28036	GAL3ST3	11	65810541	Neural
28037	GAL3ST3	11	65810541	Neural
28038	PACS1	11	65838139	bladder
28039	PACS1	11	65977846	Classic_like
28040	PACS1	11	65977846	Gbm
28041	PACS1	11	65977846	IDHwt
28042	PACS1	11	65977846	IDHwt_priGBM
28043	PACS1	11	65977846	LGG GBM
28044	PACS1	11	66002838	melanoma
28045	PACS1	11	66009080	melanoma
28046	YIF1A	11	66055694	melanoma
28047	TMEM151A	11	66061835	bladder
28048	TMEM151A	11	66062696	melanoma
28049	CD248	11	66084276	melanoma
28050	CD248	11	66084276	melanoma
28051	RIN1	11	66100156	melanoma
28052	RIN1	11	66100171	melanoma
28053	SLC29A2	11	66138762	melanoma
28054	NPAS4	11	66189596	melanoma
28055	NPAS4	11	66190662	melanoma
28056	NPAS4	11	66190662	melanoma
28057	NPAS4	11	66190662	melanoma
28058	NPAS4	11	66191153	melanoma
28059	NPAS4	11	66191962	melanoma
28060	NPAS4	11	66192243	melanoma
28061	NPAS4	11	66192379	melanoma
28062	PELI3	11	66235691	melanoma
28063	DPP3	11	66260271	melanoma
28064	CTSF	11	66333156	melanoma
28065	CCDC87	11	66358101	Gbm
28066	CCDC87	11	66358101	IDHwt
28067	CCDC87	11	66358101	IDHwt_priGBM
28068	CCDC87	11	66358101	LGG GBM
28069	CCDC87	11	66358101	Mesenchymal
28070	CCDC87	11	66358101	Mesenchymal_like
28071	CCDC87	11	66358340	melanoma

28072	CCDC87	11	66358340	melanoma
28073	CCDC87	11	66359459	lung
28074	CCDC87	11	66359459	lung
28075	RBM14	11	66392711	melanoma
28076	BM14-RBM4;RBM	11	66411341	bladder
28077	RBM4B	11	66444522	melanoma
28078	RBM4B	11	66444522	melanoma
28079	SPTBN2	11	66468482	melanoma
28080	SPTBN2	11	66475132	melanoma
28081	SPTBN2	11	66482712	melanoma
28082	C11orf80	11	66555682	hnscc
28083	PC	11	66636386	GCIMP_high
28084	PC	11	66636386	IDHmut
28085	PC	11	66636386	IDHmut_noncodel
28086	PC	11	66636386	LGG GBM
28087	PC	11	66636386	Oligo
28088	PC	11	66636386	Proneural
28089	SYT12	11	66811239	lung
28090	KDM2A	11	67017999	melanoma
28091	GRK2	11	67047337	melanoma
28092	ANKRD13D	11	67068555	melanoma
28093	ANKRD13D	11	67068555	melanoma
28094	ANKRD13D	11	67068555	melanoma
28095	ANKRD13D	11	67068555	melanoma
28096	SSH3	11	67075108	melanoma
28097	SSH3	11	67075108	melanoma
28098	PPP1CA	11	67169237	melanoma
28099	TBC1D10C	11	67176533	melanoma
28100	NDUFV1	11	67379383	melanoma
28101	NDUFV1	11	67379383	melanoma
28102	TBX10	11	67400093	melanoma
28103	TBX10	11	67400093	melanoma
28104	ACY3	11	67410274	melanoma
28105	TCIRG1	11	67810857	lung
28106	LRP5	11	68133114	melanoma
28107	LRP5	11	68154068	melanoma
28108	LRP5	11	68154068	melanoma
28109	LRP5	11	68177598	melanoma
28110	LRP5	11	68192613	melanoma
28111	LRP5	11	68206094	melanoma
28112	LRP5	11	68213914	melanoma
28113	LRP5	11	68213925	melanoma
28114	TESMIN	11	68506213	melanoma
28115	CPT1A	11	68580026	melanoma
28116	MRPL21	11	68665463	melanoma
28117	IGHMBP2	11	68682310	melanoma
28118	MRGPRD	11	68748161	melanoma
28119	TPCN2	11	68822693	melanoma
28120	TPCN2	11	68851425	melanoma
28121	CCND1	11	69458623	Codel
28122	CCND1	11	69458623	IDHmut
28123	CCND1	11	69458623	IDHmut_codel
28124	CCND1	11	69458623	LGG GBM
28125	CCND1	11	69458623	Oligo
28126	CCND1	11	69458623	Proneural
28127	ANO1	11	69924755	Classic
28128	ANO1	11	69924755	Gbm
28129	ANO1	11	69924755	IDHwt

28130	ANO1	11	69924755	IDHwt_priGBM
28131	ANO1	11	69924755	LGG GBM
28132	ANO1	11	69949227	Gbm
28133	ANO1	11	69949227	Gbm
28134	ANO1	11	69949227	Gbm
28135	ANO1	11	69949227	Gbm
28136	ANO1	11	69949227	IDHwt
28137	ANO1	11	69949227	IDHwt
28138	ANO1	11	69949227	IDHwt
28139	ANO1	11	69949227	IDHwt
28140	ANO1	11	69949227	IDHwt_priGBM
28141	ANO1	11	69949227	IDHwt_priGBM
28142	ANO1	11	69949227	IDHwt_priGBM
28143	ANO1	11	69949227	IDHwt_priGBM
28144	ANO1	11	69949227	LGG GBM
28145	ANO1	11	69949227	LGG GBM
28146	ANO1	11	69949227	LGG GBM
28147	ANO1	11	69949227	LGG GBM
28148	ANO1	11	69949227	Proneural
28149	ANO1	11	69949227	Proneural
28150	ANO1	11	69949227	Proneural
28151	ANO1	11	69949227	Proneural
28152	ANO1	11	69957866	bladder
28153	ANO1	11	69957866	bladder
28154	ANO1	11	69970510	melanoma
28155	ANO1	11	70007343	melanoma
28156	ANO1	11	70007343	melanoma
28157	ANO1	11	70007451	melanoma
28158	ANO1	11	70009414	Classic
28159	ANO1	11	70009414	Classic
28160	ANO1	11	70009414	Gbm
28161	ANO1	11	70009414	Gbm
28162	ANO1	11	70009414	IDHwt
28163	ANO1	11	70009414	IDHwt
28164	ANO1	11	70009414	IDHwt_priGBM
28165	ANO1	11	70009414	IDHwt_priGBM
28166	ANO1	11	70009414	LGG GBM
28167	ANO1	11	70009414	LGG GBM
28168	ANO1	11	70009414	Mesenchymal_like
28169	ANO1	11	70009414	Mesenchymal_like
28170	PPFIA1	11	70176378	melanoma
28171	SHANK2	11	70319386	bladder
28172	SHANK2	11	70319386	bladder
28173	SHANK2	11	70331452	melanoma
28174	SHANK2	11	70331452	melanoma
28175	SHANK2	11	70332983	melanoma
28176	SHANK2	11	70332983	melanoma
28177	SHANK2	11	70338523	melanoma
28178	DHCR7	11	71148959	melanoma
28179	NADSYN1	11	71191823	Gbm
28180	NADSYN1	11	71191823	Gbm
28181	NADSYN1	11	71191823	Gbm
28182	NADSYN1	11	71191823	IDHwt
28183	NADSYN1	11	71191823	IDHwt
28184	NADSYN1	11	71191823	IDHwt
28185	NADSYN1	11	71191823	IDHwt_priGBM
28186	NADSYN1	11	71191823	IDHwt_priGBM
28187	NADSYN1	11	71191823	IDHwt_priGBM

28188	NADSYN1	11	71191823	LGG GBM
28189	NADSYN1	11	71191823	LGG GBM
28190	NADSYN1	11	71191823	LGG GBM
28191	NADSYN1	11	71191823	Mesenchymal
28192	NADSYN1	11	71191823	Mesenchymal
28193	NADSYN1	11	71191823	Mesenchymal
28194	DEFB108B	11	71548478	melanoma
28195	LRTOMT	11	71817178	bladder
28196	ANAPC15	11	71821621	Codel
28197	ANAPC15	11	71821621	IDHmut
28198	ANAPC15	11	71821621	IDHmut_codel
28199	ANAPC15	11	71821621	LGG GBM
28200	ANAPC15	11	71821621	Oligo
28201	ANAPC15	11	71821621	Proneural
28202	INPPL1	11	71941249	melanoma
28203	INPPL1	11	71941249	melanoma
28204	PDE2A	11	72292936	GCIMP_high
28205	PDE2A	11	72292936	IDHmut
28206	PDE2A	11	72292936	IDHmut_noncodel
28207	PDE2A	11	72292936	LGG GBM
28208	PDE2A	11	72292936	Neural
28209	PDE2A	11	72292936	Oligo
28210	PDE2A	11	72293495	melanoma
28211	PDE2A	11	72293495	melanoma
28212	PDE2A	11	72293495	melanoma
28213	PDE2A	11	72296606	melanoma
28214	ARAP1	11	72412801	melanoma
28215	P2RY2	11	72945902	melanoma
28216	P2RY2	11	72945917	lung
28217	P2RY6	11	73007739	GCIMP_high
28218	P2RY6	11	73007739	IDHmut
28219	P2RY6	11	73007739	IDHmut_noncodel
28220	P2RY6	11	73007739	LGG GBM
28221	P2RY6	11	73007739	OligoAstr
28222	P2RY6	11	73007739	Proneural
28223	ARHGEF17	11	73020384	melanoma
28224	ARHGEF17	11	73020926	Classic_like
28225	ARHGEF17	11	73020926	Classic_like
28226	ARHGEF17	11	73020926	Gbm
28227	ARHGEF17	11	73020926	Gbm
28228	ARHGEF17	11	73020926	IDHwt
28229	ARHGEF17	11	73020926	IDHwt
28230	ARHGEF17	11	73020926	IDHwt_priGBM
28231	ARHGEF17	11	73020926	IDHwt_priGBM
28232	ARHGEF17	11	73020926	LGG GBM
28233	ARHGEF17	11	73020926	LGG GBM
28234	ARHGEF17	11	73021250	melanoma
28235	ARHGEF17	11	73021308	melanoma
28236	ARHGEF17	11	73066936	melanoma
28237	ARHGEF17	11	73071417	melanoma
28238	ARHGEF17	11	73071536	melanoma
28239	FAM168A	11	73122489	melanoma
28240	PLEKHB1	11	73372592	melanoma
28241	PLEKHB1	11	73372592	melanoma
28242	DNAJB13	11	73677285	melanoma
28243	DNAJB13	11	73681139	melanoma
28244	UCP2	11	73686108	bladder
28245	UCP2	11	73687915	melanoma

28246	UCP3	11	73716936	melanoma
28247	C2CD3	11	73814580	melanoma
28248	C2CD3	11	73850801	melanoma
28249	PPME1	11	73957099	bladder
28250	P4HA3	11	73980713	melanoma
28251	P4HA3	11	73980713	melanoma
28252	POLD3	11	74345640	melanoma
28253	CHRD2	11	74429781	Gbm
28254	CHRD2	11	74429781	IDHwt
28255	CHRD2	11	74429781	IDHwt_priGBM
28256	CHRD2	11	74429781	LGG GBM
28257	CHRD2	11	74429781	Mesenchymal_like
28258	CHRD2	11	74429781	Proneural
28259	RNF169	11	74546969	Gbm
28260	RNF169	11	74546969	IDHwt
28261	RNF169	11	74546969	IDHwt_priGBM
28262	RNF169	11	74546969	LGG GBM
28263	RNF169	11	74546969	LGM6_GBM
28264	RNF169	11	74546969	Proneural
28265	SPCS2	11	74680630	GCIMP_high
28266	SPCS2	11	74680630	GCIMP_high
28267	SPCS2	11	74680630	IDHmut
28268	SPCS2	11	74680630	IDHmut
28269	SPCS2	11	74680630	IDHmut_noncodel
28270	SPCS2	11	74680630	IDHmut_noncodel
28271	SPCS2	11	74680630	LGG GBM
28272	SPCS2	11	74680630	LGG GBM
28273	SPCS2	11	74680630	Oligo
28274	SPCS2	11	74680630	Oligo
28275	SPCS2	11	74680630	Proneural
28276	SPCS2	11	74680630	Proneural
28277	OR2AT4	11	74800047	melanoma
28278	SLCO2B1	11	74875108	lung
28279	SLCO2B1	11	74883573	melanoma
28280	ARRB1	11	75001064	melanoma
28281	RPS3	11	75115724	melanoma
28282	RPS3	11	75115724	melanoma
28283	KLHL35	11	75134813	melanoma
28284	GDPD5	11	75153425	lung
28285	WNT11	11	75902747	melanoma
28286	LOC100506127	11	76114774	melanoma
28287	EMSY	11	76174921	melanoma
28288	EMSY	11	76207318	melanoma
28289	EMSY	11	76207318	melanoma
28290	EMSY	11	76227309	melanoma
28291	EMSY	11	76248934	melanoma
28292	LRRC32	11	76371645	melanoma
28293	LRRC32	11	76371859	melanoma
28294	LRRC32	11	76372201	lung
28295	ACER3	11	76727799	melanoma
28296	MYO7A	11	76909587	lung
28297	MYO7A	11	76910812	melanoma
28298	GDPD4	11	76956330	melanoma
28299	GDPD4	11	76969583	melanoma
28300	CLNS1A	11	77340865	melanoma
28301	RSF1	11	77412275	melanoma
28302	RSF1	11	77451801	melanoma
28303	INTS4	11	77667091	melanoma

28304	INTS4	11	77671428	melanoma
28305	KCTD14	11	77727683	melanoma
28306	KCTD21	11	77885225	lung
28307	USP35	11	77909086	melanoma
28308	USP35	11	77909086	melanoma
28309	USP35	11	77916930	GCIMP_high
28310	USP35	11	77916930	IDHmut
28311	USP35	11	77916930	IDHmut_noncodel
28312	USP35	11	77916930	LGG GBM
28313	USP35	11	77916930	Neural
28314	USP35	11	77916930	OligoAstr
28315	USP35	11	77917010	bladder
28316	GAB2	11	77936161	melanoma
28317	GAB2	11	77936161	melanoma
28318	NARS2	11	78204213	bladder
28319	TENM4	11	78381217	melanoma
28320	TENM4	11	78449568	melanoma
28321	TENM4	11	78574109	melanoma
28322	PRCP	11	82550376	Astr
28323	PRCP	11	82550376	IDHwt
28324	PRCP	11	82550376	LGG GBM
28325	PRCP	11	82550376	Neural
28326	PRCP	11	82550376	PA_like
28327	PRCP	11	82560254	IDHwt_priGBM2
28328	DDIAS	11	82643248	lung
28329	DDIAS	11	82643279	melanoma
28330	DDIAS	11	82643548	lung
28331	DDIAS	11	82643743	melanoma
28332	DDIAS	11	82643953	GCIMP_high
28333	DDIAS	11	82643953	GCIMP_high
28334	DDIAS	11	82643953	IDHmut
28335	DDIAS	11	82643953	IDHmut
28336	DDIAS	11	82643953	IDHmut_noncodel
28337	DDIAS	11	82643953	IDHmut_noncodel
28338	DDIAS	11	82643953	LGG GBM
28339	DDIAS	11	82643953	LGG GBM
28340	DDIAS	11	82643953	OligoAstr
28341	DDIAS	11	82643953	OligoAstr
28342	DDIAS	11	82643953	Proneural
28343	DDIAS	11	82643953	Proneural
28344	DDIAS	11	82645262	melanoma
28345	PCF11	11	82880463	melanoma
28346	ANKRD42	11	82938854	melanoma
28347	ANKRD42	11	82938854	melanoma
28348	DLG2	11	83674030	melanoma
28349	DLG2	11	83674030	melanoma
28350	DLG2	11	84027989	melanoma
28351	TMEM126A	11	85367417	melanoma
28352	SYTL2	11	85420537	melanoma
28353	SYTL2	11	85422178	melanoma
28354	SYTL2	11	85445563	melanoma
28355	SYTL2	11	85447645	melanoma
28356	CCDC83	11	85606383	melanoma
28357	CCDC83	11	85627120	melanoma
28358	EED	11	85977134	melanoma
28359	EED	11	85988166	melanoma
28360	CCDC81	11	86103799	melanoma
28361	CCDC81	11	86103799	melanoma

28362	CCDC81	11	86103799	melanoma
28363	CCDC81	11	86123496	melanoma
28364	CCDC81	11	86123496	melanoma
28365	CCDC81	11	86133744	lung
28366	ME3	11	86158205	melanoma
28367	FZD4	11	86663295	melanoma
28368	GRM5	11	88241767	melanoma
28369	GRM5	11	88300483	melanoma
28370	GRM5	11	88300483	melanoma
28371	GRM5	11	88780589	melanoma
28372	GRM5	11	88780946	Astr
28373	GRM5	11	88780946	Classic
28374	GRM5	11	88780946	IDHwt
28375	GRM5	11	88780946	LGG GBM
28376	GRM5	11	88780946	Mesenchymal like
28377	NOX4	11	89133409	melanoma
28378	NOX4	11	89133420	melanoma
28379	NOX4	11	89155085	Classic
28380	NOX4	11	89155085	Gbm
28381	NOX4	11	89155085	IDHwt
28382	NOX4	11	89155085	IDHwt_priGBM
28383	NOX4	11	89155085	LGG GBM
28384	TRIM49	11	89531545	hnsc
28385	TRIM49	11	89531614	melanoma
28386	TRIM49	11	89531614	melanoma
28387	TRIM49	11	89531747	melanoma
28388	NAALAD2	11	89896757	melanoma
28389	FAT3	11	92085303	melanoma
28390	FAT3	11	92085900	melanoma
28391	FAT3	11	92086488	melanoma
28392	FAT3	11	92086686	lung
28393	FAT3	11	92086897	melanoma
28394	FAT3	11	92086897	melanoma
28395	FAT3	11	92086897	melanoma
28396	FAT3	11	92087007	melanoma
28397	FAT3	11	92087503	lung
28398	FAT3	11	92087503	lung
28399	FAT3	11	92087809	melanoma
28400	FAT3	11	92088352	melanoma
28401	FAT3	11	92088352	melanoma
28402	FAT3	11	92525951	melanoma
28403	FAT3	11	92526050	melanoma
28404	FAT3	11	92531160	lung
28405	FAT3	11	92531562	melanoma
28406	FAT3	11	92535027	melanoma
28407	FAT3	11	92538511	GCIMP_high
28408	FAT3	11	92538511	IDHmut
28409	FAT3	11	92538511	IDHmut_noncodel
28410	FAT3	11	92538511	LGG GBM
28411	FAT3	11	92538511	Oligo
28412	FAT3	11	92538511	Proneural
28413	FAT3	11	92568240	Gbm
28414	FAT3	11	92568240	IDHwt
28415	FAT3	11	92568240	IDHwt_priGBM
28416	FAT3	11	92568240	LGG GBM
28417	FAT3	11	92568240	LGm6_GBM
28418	FAT3	11	92568240	Mesenchymal
28419	FAT3	11	92623974	melanoma

28420	DEUP1	11	93104363	melanoma
28421	DEUP1	11	93141473	melanoma
28422	CEP295	11	93400829	lung
28423	HEPPL1	11	93778921	melanoma
28424	HEPPL1	11	93796766	melanoma
28425	HEPPL1	11	93803618	Gbm
28426	HEPPL1	11	93803618	IDHwt
28427	HEPPL1	11	93803618	IDHwt_priGBM
28428	HEPPL1	11	93803618	LGG GBM
28429	HEPPL1	11	93803618	Mesenchymal
28430	HEPPL1	11	93803618	Mesenchymal_like
28431	HEPPL1	11	93836152	melanoma
28432	HEPPL1	11	93839234	melanoma
28433	HEPPL1	11	93839268	Gbm
28434	HEPPL1	11	93839268	Gbm
28435	HEPPL1	11	93839268	IDHwt
28436	HEPPL1	11	93839268	IDHwt
28437	HEPPL1	11	93839268	IDHwt_priGBM
28438	HEPPL1	11	93839268	IDHwt_priGBM
28439	HEPPL1	11	93839268	LGG GBM
28440	HEPPL1	11	93839268	LGG GBM
28441	HEPPL1	11	93839268	Mesenchymal
28442	HEPPL1	11	93839268	Mesenchymal
28443	HEPPL1	11	93839268	Mesenchymal_like
28444	HEPPL1	11	93839268	Mesenchymal_like
28445	GPR83	11	94113592	Codel
28446	GPR83	11	94113592	IDHmut
28447	GPR83	11	94113592	IDHmut_codel
28448	GPR83	11	94113592	LGG GBM
28449	GPR83	11	94113592	Oligo
28450	GPR83	11	94113592	Proneural
28451	GPR83	11	94113698	melanoma
28452	GPR83	11	94113848	melanoma
28453	FUT4	11	94278792	melanoma
28454	PIWIL4	11	94341756	melanoma
28455	AMOTL1	11	94533195	melanoma
28456	AMOTL1	11	94554698	Gbm
28457	AMOTL1	11	94554698	IDHwt
28458	AMOTL1	11	94554698	IDHwt_priGBM
28459	AMOTL1	11	94554698	LGG GBM
28460	AMOTL1	11	94554698	Mesenchymal_like
28461	KDM4D	11	94731182	melanoma
28462	SESN3	11	94923103	Astr
28463	SESN3	11	94923103	GCIMP_high
28464	SESN3	11	94923103	IDHmut
28465	SESN3	11	94923103	IDHmut_noncodel
28466	SESN3	11	94923103	LGG GBM
28467	CEP57	11	95551023	bladder
28468	MTMR2	11	95621369	melanoma
28469	MAML2	11	95712862	melanoma
28470	MAML2	11	95712904	IDHwt
28471	MAML2	11	95712904	LGG GBM
28472	MAML2	11	95712904	OligoAstr
28473	MAML2	11	95712904	PA_like
28474	MAML2	11	95712904	Proneural
28475	MAML2	11	95826008	melanoma
28476	JRKL	11	96123896	melanoma
28477	CNTN5	11	99872807	melanoma

28478	CNTN5	11	99941285	melanoma
28479	CNTN5	11	99941285	melanoma
28480	CNTN5	11	100064292	melanoma
28481	CNTN5	11	100064342	melanoma
28482	CNTN5	11	100126527	melanoma
28483	CNTN5	11	100211888	melanoma
28484	CNTN5	11	100226899	melanoma
28485	ARHGAP42	11	100843991	melanoma
28486	ARHGAP42	11	100843991	melanoma
28487	ARHGAP42	11	100843991	melanoma
28488	PGR	11	100909876	melanoma
28489	PGR	11	100920761	melanoma
28490	PGR	11	100920761	melanoma
28491	TRPC6	11	101342086	melanoma
28492	TRPC6	11	101374964	melanoma
28493	TRPC6	11	101375429	melanoma
28494	TRPC6	11	101375429	melanoma
28495	ANGPTL5	11	101777971	melanoma
28496	ANGPTL5	11	101777971	melanoma
28497	CEP126	11	101833400	melanoma
28498	CEP126	11	101833400	melanoma
28499	CEP126	11	101833876	IDHwt_priGBM2
28500	C11orf70	11	101937378	melanoma
28501	C11orf70	11	101953838	melanoma
28502	C11orf70	11	101953871	melanoma
28503	C11orf70	11	101953871	melanoma
28504	BIRC3	11	102195904	melanoma
28505	BIRC2	11	102221046	melanoma
28506	BIRC2	11	102221169	melanoma
28507	MMP27	11	102567480	lung
28508	MMP27	11	102567480	lung
28509	MMP27	11	102573742	melanoma
28510	MMP27	11	102573742	melanoma
28511	MMP8	11	102586131	melanoma
28512	MMP10	11	102647101	Astr
28513	MMP10	11	102647101	IDHwt
28514	MMP10	11	102647101	LGG GBM
28515	MMP10	11	102647101	Mesenchymal
28516	MMP10	11	102647101	Mesenchymal_like
28517	MMP1	11	102663372	Gbm
28518	MMP1	11	102663372	IDHwt
28519	MMP1	11	102663372	IDHwt_priGBM
28520	MMP1	11	102663372	LGG GBM
28521	MMP1	11	102663372	Mesenchymal_like
28522	MMP1	11	102667518	melanoma
28523	MMP3	11	102709963	Classic
28524	MMP3	11	102709963	Gbm
28525	MMP3	11	102709963	IDHwt
28526	MMP3	11	102709963	IDHwt_priGBM
28527	MMP3	11	102709963	LGG GBM
28528	MMP3	11	102713296	hnsc
28529	MMP13	11	102822846	melanoma
28530	MMP13	11	102824963	melanoma
28531	MMP13	11	102824963	melanoma
28532	MMP13	11	102826180	melanoma
28533	DCUN1D5	11	102960034	melanoma
28534	DYNC2H1	11	102991506	bladder
28535	DYNC2H1	11	103052532	Codel

28536	DYNC2H1	11	103052532	IDHmut
28537	DYNC2H1	11	103052532	IDHmut_codel
28538	DYNC2H1	11	103052532	LGG GBM
28539	DYNC2H1	11	103052532	OligoAstr
28540	DYNC2H1	11	103052532	Proneural
28541	DYNC2H1	11	103058176	GCIMP_low
28542	DYNC2H1	11	103058176	IDHmut
28543	DYNC2H1	11	103058176	IDHmut_noncodel
28544	DYNC2H1	11	103058176	LGG GBM
28545	DYNC2H1	11	103058176	Mesenchymal
28546	DYNC2H1	11	103070856	melanoma
28547	DYNC2H1	11	103070856	melanoma
28548	DYNC2H1	11	103228981	melanoma
28549	DYNC2H1	11	103228981	melanoma
28550	PDGFD	11	103870801	melanoma
28551	DDI1	11	103908169	Astr
28552	DDI1	11	103908169	GCIMP_high
28553	DDI1	11	103908169	IDHmut
28554	DDI1	11	103908169	IDHmut_noncodel
28555	DDI1	11	103908169	LGG GBM
28556	DDI1	11	103908169	Proneural
28557	DDI1	11	103908262	bladder
28558	DDI1	11	103908262	bladder
28559	CASP4	11	104817862	melanoma
28560	CASP4	11	104819277	melanoma
28561	CASP4	11	104819277	melanoma
28562	CASP4	11	104820436	lung
28563	CARD17	11	104971270	melanoma
28564	GRIA4	11	105850372	lung
28565	KBTBD3	11	105923924	melanoma
28566	KBTBD3	11	105924077	melanoma
28567	GUCY1A2	11	106680769	melanoma
28568	GUCY1A2	11	106680910	lung
28569	GUCY1A2	11	106810463	melanoma
28570	GUCY1A2	11	106810463	melanoma
28571	GUCY1A2	11	106810463	melanoma
28572	CWF19L2	11	107224323	Codel
28573	CWF19L2	11	107224323	IDHmut
28574	CWF19L2	11	107224323	IDHmut_codel
28575	CWF19L2	11	107224323	LGG GBM
28576	CWF19L2	11	107224323	Oligo
28577	CWF19L2	11	107224323	Proneural
28578	ALKBH8	11	107424635	melanoma
28579	ALKBH8	11	107424635	melanoma
28580	ALKBH8	11	107424688	lung
28581	ELMOD1	11	107526763	melanoma
28582	ELMOD1	11	107526763	melanoma
28583	ELMOD1	11	107535828	bladder
28584	CUL5	11	107923458	lung
28585	NPAT	11	108043030	bladder
28586	ATM	11	108153518	melanoma
28587	ATM	11	108198374	melanoma
28588	ATM	11	108198454	melanoma
28589	ATM	11	108198454	melanoma
28590	ATM	11	108198454	melanoma
28591	ATM	11	108199839	bladder
28592	ATM	11	108199839	bladder
28593	C11orf65	11	108277597	melanoma

28594	KDELC2	11	108352771	Codel
28595	KDELC2	11	108352771	Codel
28596	KDELC2	11	108352771	Codel
28597	KDELC2	11	108352771	IDHmut
28598	KDELC2	11	108352771	IDHmut
28599	KDELC2	11	108352771	IDHmut
28600	KDELC2	11	108352771	IDHmut_codel
28601	KDELC2	11	108352771	IDHmut_codel
28602	KDELC2	11	108352771	IDHmut_codel
28603	KDELC2	11	108352771	LGG GBM
28604	KDELC2	11	108352771	LGG GBM
28605	KDELC2	11	108352771	LGG GBM
28606	KDELC2	11	108352771	Proneural
28607	KDELC2	11	108352771	Proneural
28608	KDELC2	11	108352771	Proneural
28609	KDELC2	11	108352852	melanoma
28610	EXPH5	11	108380722	melanoma
28611	EXPH5	11	108380779	melanoma
28612	EXPH5	11	108381471	GCIMP_high
28613	EXPH5	11	108381471	IDHmut
28614	EXPH5	11	108381471	IDHmut_noncodel
28615	EXPH5	11	108381471	LGG GBM
28616	EXPH5	11	108381471	OligoAstr
28617	EXPH5	11	108381730	bladder
28618	EXPH5	11	108382060	melanoma
28619	EXPH5	11	108382060	melanoma
28620	EXPH5	11	108383388	melanoma
28621	EXPH5	11	108409826	lung
28622	DDX10	11	108559745	melanoma
28623	DDX10	11	108562663	melanoma
28624	DDX10	11	108590599	melanoma
28625	C11orf87	11	109294886	lung
28626	ZC3H12C	11	110035396	melanoma
28627	ZC3H12C	11	110035396	melanoma
28628	ZC3H12C	11	110036055	GCIMP_low
28629	ZC3H12C	11	110036055	IDHmut
28630	ZC3H12C	11	110036055	IDHmut_noncodel
28631	ZC3H12C	11	110036055	LGG GBM
28632	ZC3H12C	11	110036055	Proneural
28633	ARHGAP20	11	110450660	melanoma
28634	ARHGAP20	11	110451310	melanoma
28635	ARHGAP20	11	110477317	melanoma
28636	ARHGAP20	11	110477317	melanoma
28637	ARHGAP20	11	110477317	melanoma
28638	ARHGAP20	11	110477317	melanoma
28639	POU2AF1	11	111229622	Codel
28640	POU2AF1	11	111229622	IDHmut
28641	POU2AF1	11	111229622	IDHmut_codel
28642	POU2AF1	11	111229622	LGG GBM
28643	POU2AF1	11	111229622	Neural
28644	POU2AF1	11	111229622	Oligo
28645	SIK2	11	111487015	lung
28646	PPP2R1B	11	111613292	Classic_like
28647	PPP2R1B	11	111613292	Gbm
28648	PPP2R1B	11	111613292	IDHwt
28649	PPP2R1B	11	111613292	IDHwt_priGBM
28650	PPP2R1B	11	111613292	LGG GBM
28651	PPP2R1B	11	111613292	Mesenchymal

28652	PPP2R1B	11	111631685	melanoma
28653	PPP2R1B	11	111631685	melanoma
28654	PPP2R1B	11	111631685	melanoma
28655	PPP2R1B	11	111631685	melanoma
28656	ALG9	11	111706997	melanoma
28657	C11orf52	11	111796877	melanoma
28658	DLAT	11	111899655	melanoma
28659	DLAT	11	111899656	melanoma
28660	PIH1D2	11	111938660	melanoma
28661	PIH1D2	11	111941777	bladder
28662	C11orf57	11	111951253	lung
28663	C11orf57	11	111951253	lung
28664	SDHD	11	111959630	bladder
28665	IL18	11	112014443	lung
28666	IL18	11	112014443	lung
28667	TEX12	11	112042598	melanoma
28668	BCO2	11	112064659	IDHwt_priGBM2
28669	BCO2	11	112064659	IDHwt_priGBM2
28670	BCO2	11	112064659	IDHwt_priGBM2
28671	NCAM1	11	113076853	melanoma
28672	NCAM1	11	113077989	melanoma
28673	NCAM1	11	113142538	lung
28674	ANKK1	11	113264393	melanoma
28675	ANKK1	11	113269710	melanoma
28676	ANKK1	11	113270507	lung
28677	ANKK1	11	113270735	melanoma
28678	ANKK1	11	113270735	melanoma
28679	DRD2	11	113283517	lung
28680	DRD2	11	113285162	melanoma
28681	DRD2	11	113286210	Classic_like
28682	DRD2	11	113286210	Gbm
28683	DRD2	11	113286210	IDHwt
28684	DRD2	11	113286210	IDHwt_priGBM
28685	DRD2	11	113286210	LGG GBM
28686	DRD2	11	113287702	lung
28687	DRD2	11	113287702	lung
28688	DRD2	11	113287702	lung
28689	ZW10	11	113619019	melanoma
28690	ZW10	11	113619019	melanoma
28691	USP28	11	113672259	Classic_like
28692	USP28	11	113672259	Gbm
28693	USP28	11	113672259	IDHwt
28694	USP28	11	113672259	IDHwt_priGBM
28695	USP28	11	113672259	LGG GBM
28696	USP28	11	113672259	Mesenchymal
28697	HTR3B	11	113780049	melanoma
28698	HTR3B	11	113780067	lung
28699	HTR3B	11	113816807	melanoma
28700	HTR3A	11	113849970	melanoma
28701	HTR3A	11	113849970	melanoma
28702	HTR3A	11	113852031	Codel
28703	HTR3A	11	113852031	IDHmut
28704	HTR3A	11	113852031	IDHmut_codel
28705	HTR3A	11	113852031	LGG GBM
28706	HTR3A	11	113852031	Neural
28707	HTR3A	11	113852031	Oligo
28708	HTR3A	11	113856785	melanoma
28709	HTR3A	11	113856785	melanoma

28710	HTR3A	11	113857553	Codel
28711	HTR3A	11	113857553	IDHmut
28712	HTR3A	11	113857553	IDHmut_codel
28713	HTR3A	11	113857553	LGG GBM
28714	HTR3A	11	113857553	Oligo
28715	NNMT	11	114183165	melanoma
28716	NXPE1	11	114392754	melanoma
28717	NXPE1	11	114392754	melanoma
28718	NXPE1	11	114400922	melanoma
28719	NXPE4	11	114441974	melanoma
28720	NXPE4	11	114441974	melanoma
28721	NXPE4	11	114441974	melanoma
28722	NXPE4	11	114450895	melanoma
28723	NXPE4	11	114450895	melanoma
28724	NXPE2	11	114568857	melanoma
28725	NXPE2	11	114577416	melanoma
28726	NXPE2	11	114577416	melanoma
28727	CADM1	11	115061635	melanoma
28728	APOA5	11	116661107	melanoma
28729	APOA5	11	116661650	melanoma
28730	SIK3	11	116719885	melanoma
28731	SIDT2	11	117066589	bladder
28732	RNF214	11	117153161	Codel
28733	RNF214	11	117153161	IDHmut
28734	RNF214	11	117153161	IDHmut_codel
28735	RNF214	11	117153161	LGG GBM
28736	RNF214	11	117153161	Oligo
28737	RNF214	11	117153161	Proneural
28738	BACE1	11	117160430	lung
28739	DSCAML1	11	117307924	melanoma
28740	DSCAML1	11	117307924	melanoma
28741	DSCAML1	11	117321354	lung
28742	DSCAML1	11	117321354	lung
28743	DSCAML1	11	117651307	melanoma
28744	TMPRSS13	11	117774461	melanoma
28745	TMPRSS13	11	117787899	melanoma
28746	IL10RA	11	117859175	melanoma
28747	IL10RA	11	117864811	lung
28748	IL10RA	11	117866355	melanoma
28749	TMPRSS4	11	117969759	melanoma
28750	TMPRSS4	11	117969759	melanoma
28751	TMPRSS4	11	117969759	melanoma
28752	TMPRSS4	11	117984052	melanoma
28753	TMPRSS4	11	117984052	melanoma
28754	JAML	11	118085551	melanoma
28755	MPZL2	11	118130808	lung
28756	MPZL2	11	118133810	melanoma
28757	UBE4A	11	118255613	Gbm
28758	UBE4A	11	118255613	IDHwt
28759	UBE4A	11	118255613	IDHwt_priGBM
28760	UBE4A	11	118255613	LGG GBM
28761	UBE4A	11	118255613	Mesenchymal
28762	UBE4A	11	118255613	Mesenchymal_like
28763	KMT2A	11	118342936	bladder
28764	KMT2A	11	118342976	bladder
28765	KMT2A	11	118375723	melanoma
28766	KMT2A	11	118380765	melanoma
28767	KMT2A	11	118382711	lung

28768	IFT46	11	118416180	melanoma
28769	IFT46	11	118426026	melanoma
28770	ARCN1	11	118468573	melanoma
28771	ARCN1	11	118468574	melanoma
28772	PHLDB1	11	118495773	melanoma
28773	PHLDB1	11	118498569	melanoma
28774	BCL9L	11	118769201	melanoma
28775	BCL9L	11	118769201	melanoma
28776	BCL9L	11	118771579	melanoma
28777	BCL9L	11	118771579	melanoma
28778	UPK2	11	118827986	melanoma
28779	CCDC84	11	118881488	melanoma
28780	SLC37A4	11	118895642	bladder
28781	SLC37A4	11	118896404	lung
28782	HYOU1	11	118918738	melanoma
28783	HYOU1	11	118919809	melanoma
28784	DPAGT1	11	118969170	melanoma
28785	HINFP	11	118997716	melanoma
28786	ABCG4	11	119027086	melanoma
28787	ABCG4	11	119027086	melanoma
28788	ABCG4	11	119027611	melanoma
28789	ABCG4	11	119027611	melanoma
28790	ABCG4	11	119031796	melanoma
28791	NLRX1	11	119044263	melanoma
28792	NLRX1	11	119044383	melanoma
28793	PDZD3	11	119058335	melanoma
28794	CBL	11	119155712	melanoma
28795	MCAM	11	119185929	melanoma
28796	MCAM	11	119185929	melanoma
28797	MCAM	11	119185956	hnsc
28798	MFRP	11	119216274	Classic
28799	MFRP	11	119216274	Gbm
28800	MFRP	11	119216274	IDHwt
28801	MFRP	11	119216274	IDHwt_priGBM
28802	MFRP	11	119216274	LGG GBM
28803	MFRP	11	119216274	Mesenchymal_like
28804	USP2	11	119243739	melanoma
28805	THY1	11	119290983	melanoma
28806	NECTIN1	11	119535869	melanoma
28807	TRIM29	11	120008088	melanoma
28808	TRIM29	11	120008271	Classic
28809	TRIM29	11	120008271	Gbm
28810	TRIM29	11	120008271	IDHwt
28811	TRIM29	11	120008271	IDHwt_priGBM
28812	TRIM29	11	120008271	LGG GBM
28813	TRIM29	11	120008486	melanoma
28814	OAF	11	120097624	Astr
28815	OAF	11	120097624	GCIMP_high
28816	OAF	11	120097624	IDHmut
28817	OAF	11	120097624	IDHmut_noncodel
28818	OAF	11	120097624	LGG GBM
28819	OAF	11	120097624	Proneural
28820	TMEM136	11	120201174	Gbm
28821	TMEM136	11	120201174	IDHwt
28822	TMEM136	11	120201174	IDHwt_priGBM
28823	TMEM136	11	120201174	LGG GBM
28824	TMEM136	11	120201174	LGm6_GBM
28825	TMEM136	11	120201174	Mesenchymal

28826	ARHGEF12	11	120322404	melanoma
28827	GRIK4	11	120690483	melanoma
28828	GRIK4	11	120690483	melanoma
28829	GRIK4	11	120702563	melanoma
28830	GRIK4	11	120827494	melanoma
28831	GRIK4	11	120856628	hnsc
28832	GRIK4	11	120856628	hnsc
28833	TECTA	11	121016594	bladder
28834	TECTA	11	121039502	melanoma
28835	SORL1	11	121360797	melanoma
28836	SORL1	11	121428080	melanoma
28837	SORL1	11	121437772	melanoma
28838	SORL1	11	121477604	melanoma
28839	SORL1	11	121477958	melanoma
28840	SORL1	11	121495855	lung
28841	SORL1	11	121498354	melanoma
28842	SORL1	11	121500207	melanoma
28843	C11orf63	11	122774799	bladder
28844	C11orf63	11	122805465	melanoma
28845	C11orf63	11	122828138	melanoma
28846	C11orf63	11	122828189	melanoma
28847	C11orf63	11	122828189	melanoma
28848	HSPA8	11	122929492	melanoma
28849	GRAMD1B	11	123477423	melanoma
28850	GRAMD1B	11	123477423	melanoma
28851	GRAMD1B	11	123480952	melanoma
28852	GRAMD1B	11	123485512	lung
28853	GRAMD1B	11	123485512	lung
28854	SCN3B	11	123513175	melanoma
28855	ZNF202	11	123596749	melanoma
28856	OR6X1	11	123625025	melanoma
28857	OR6X1	11	123625025	melanoma
28858	OR6M1	11	123676254	Classic
28859	OR6M1	11	123676254	IDHwt
28860	OR6M1	11	123676254	LGG GBM
28861	OR6M1	11	123676254	Mesenchymal_like
28862	OR6M1	11	123676254	OligoAstr
28863	OR6M1	11	123676438	melanoma
28864	OR6M1	11	123676438	melanoma
28865	OR6M1	11	123676613	melanoma
28866	OR6M1	11	123676708	melanoma
28867	TMEM225	11	123753948	melanoma
28868	TMEM225	11	123753948	melanoma
28869	TMEM225	11	123755248	melanoma
28870	TMEM225	11	123755295	melanoma
28871	TMEM225	11	123756083	Astr
28872	TMEM225	11	123756083	Astr
28873	TMEM225	11	123756083	Codel
28874	TMEM225	11	123756083	Codel
28875	TMEM225	11	123756083	IDHmut
28876	TMEM225	11	123756083	IDHmut
28877	TMEM225	11	123756083	IDHmut_codel
28878	TMEM225	11	123756083	IDHmut_codel
28879	TMEM225	11	123756083	LGG GBM
28880	TMEM225	11	123756083	LGG GBM
28881	TMEM225	11	123756083	Mesenchymal
28882	TMEM225	11	123756083	Mesenchymal
28883	OR4D5	11	123810981	melanoma

28884	OR4D5	11	123811000	melanoma
28885	OR4D5	11	123811119	melanoma
28886	OR4D5	11	123811119	melanoma
28887	OR4D5	11	123811119	melanoma
28888	OR6T1	11	123814182	melanoma
28889	OR6T1	11	123814182	melanoma
28890	OR6T1	11	123814278	melanoma
28891	OR6T1	11	123814346	melanoma
28892	OR6T1	11	123814346	melanoma
28893	OR6T1	11	123814346	melanoma
28894	OR10S1	11	123847515	Codel
28895	OR10S1	11	123847515	Codel
28896	OR10S1	11	123847515	Codel
28897	OR10S1	11	123847515	Codel
28898	OR10S1	11	123847515	IDHmut
28899	OR10S1	11	123847515	IDHmut
28900	OR10S1	11	123847515	IDHmut
28901	OR10S1	11	123847515	IDHmut
28902	OR10S1	11	123847515	IDHmut_codel
28903	OR10S1	11	123847515	IDHmut_codel
28904	OR10S1	11	123847515	IDHmut_codel
28905	OR10S1	11	123847515	IDHmut_codel
28906	OR10S1	11	123847515	LGG GBM
28907	OR10S1	11	123847515	LGG GBM
28908	OR10S1	11	123847515	LGG GBM
28909	OR10S1	11	123847515	LGG GBM
28910	OR10S1	11	123847515	Oligo
28911	OR10S1	11	123847515	Oligo
28912	OR10S1	11	123847515	Oligo
28913	OR10S1	11	123847515	Oligo
28914	OR10S1	11	123847515	Proneural
28915	OR10S1	11	123847515	Proneural
28916	OR10S1	11	123847515	Proneural
28917	OR10S1	11	123847515	Proneural
28918	OR10G4	11	123886315	melanoma
28919	OR10G4	11	123886642	melanoma
28920	OR10G4	11	123886958	melanoma
28921	OR10G9	11	123894228	bladder
28922	OR10G9	11	123894380	lung
28923	OR10G9	11	123894413	melanoma
28924	OR10G9	11	123894525	melanoma
28925	OR10G8	11	123900997	melanoma
28926	OR10G8	11	123901018	Astr
28927	OR10G8	11	123901018	IDHwt
28928	OR10G8	11	123901018	LGG GBM
28929	OR10G8	11	123901018	PA_like
28930	OR10G7	11	123908984	melanoma
28931	OR10G7	11	123909561	melanoma
28932	VWA5A	11	123989333	melanoma
28933	VWA5A	11	123989333	melanoma
28934	VWA5A	11	123989333	melanoma
28935	VWA5A	11	124013159	melanoma
28936	OR8G5	11	124135651	melanoma
28937	OR8G5	11	124135651	melanoma
28938	OR8D1	11	124180025	melanoma
28939	OR8D1	11	124180055	Codel
28940	OR8D1	11	124180055	IDHmut
28941	OR8D1	11	124180055	IDHmut_codel

28942	OR8D1	11	124180055	LGG GBM
28943	OR8D1	11	124180055	Oligo
28944	OR8D1	11	124180055	Proneural
28945	OR8D1	11	124180499	Gbm
28946	OR8D1	11	124180499	IDHwt
28947	OR8D1	11	124180499	IDHwt_priGBM
28948	OR8D1	11	124180499	LGG GBM
28949	OR8D1	11	124180499	Mesenchymal_like
28950	OR8B2	11	124252431	melanoma
28951	OR8B2	11	124252569	melanoma
28952	OR8B2	11	124252569	melanoma
28953	OR8B2	11	124252569	melanoma
28954	OR8B2	11	124252770	GCIMP_low
28955	OR8B2	11	124252770	GCIMP_low
28956	OR8B2	11	124252770	GCIMP_low
28957	OR8B2	11	124252770	IDHmut
28958	OR8B2	11	124252770	IDHmut
28959	OR8B2	11	124252770	IDHmut
28960	OR8B2	11	124252770	IDHmut_noncodel
28961	OR8B2	11	124252770	IDHmut_noncodel
28962	OR8B2	11	124252770	IDHmut_noncodel
28963	OR8B2	11	124252770	LGG GBM
28964	OR8B2	11	124252770	LGG GBM
28965	OR8B2	11	124252770	LGG GBM
28966	OR8B2	11	124252770	Proneural
28967	OR8B2	11	124252770	Proneural
28968	OR8B2	11	124252770	Proneural
28969	OR8B2	11	124253182	melanoma
28970	OR8B3	11	124266610	melanoma
28971	OR8B3	11	124266884	melanoma
28972	OR8B3	11	124266884	melanoma
28973	OR8B3	11	124267048	melanoma
28974	OR8B4	11	124293912	melanoma
28975	OR8B4	11	124294208	melanoma
28976	OR8B4	11	124294320	melanoma
28977	OR8B4	11	124294407	melanoma
28978	OR8B4	11	124294407	melanoma
28979	OR8B4	11	124294706	melanoma
28980	OR8B4	11	124294706	melanoma
28981	OR8B8	11	124310108	lung
28982	OR8B8	11	124310108	lung
28983	OR8B8	11	124310864	melanoma
28984	OR8B12	11	124413511	melanoma
28985	OR8A1	11	124440305	bladder
28986	OR8A1	11	124440668	Classic
28987	OR8A1	11	124440668	Classic_like
28988	OR8A1	11	124440668	Gbm
28989	OR8A1	11	124440668	IDHwt
28990	OR8A1	11	124440668	IDHwt_priGBM
28991	OR8A1	11	124440668	LGG GBM
28992	OR8A1	11	124440709	melanoma
28993	PANX3	11	124482942	melanoma
28994	TBRG1	11	124496848	lung
28995	SIAE	11	124524619	melanoma
28996	SIAE	11	124524619	melanoma
28997	SIAE	11	124530697	melanoma
28998	VSIG2	11	124620700	melanoma
28999	ESAM	11	124624651	Classic_like

29000	ESAM	11	124624651	IDHwt
29001	ESAM	11	124624651	LGG GBM
29002	ESAM	11	124624651	OligoAstr
29003	ESAM	11	124624651	Proneural
29004	ROBO3	11	124738779	melanoma
29005	ROBO4	11	124755099	melanoma
29006	ROBO4	11	124757664	melanoma
29007	ROBO4	11	124761345	melanoma
29008	ROBO4	11	124761345	melanoma
29009	ROBO4	11	124761654	melanoma
29010	ROBO4	11	124765491	melanoma
29011	ROBO4	11	124766519	lung
29012	SLC37A2	11	124950673	melanoma
29013	FEZ1	11	125325797	lung
29014	FEZ1	11	125330471	melanoma
29015	FEZ1	11	125330471	melanoma
29016	STT3A	11	125482990	melanoma
29017	STT3A	11	125482990	melanoma
29018	STT3A	11	125482990	melanoma
29019	CHEK1	11	125503132	Gbm
29020	CHEK1	11	125503132	Gbm
29021	CHEK1	11	125503132	IDHwt
29022	CHEK1	11	125503132	IDHwt
29023	CHEK1	11	125503132	IDHwt_priGBM
29024	CHEK1	11	125503132	IDHwt_priGBM
29025	CHEK1	11	125503132	LGG GBM
29026	CHEK1	11	125503132	LGG GBM
29027	CHEK1	11	125503132	Mesenchymal_like
29028	CHEK1	11	125503132	Mesenchymal_like
29029	CHEK1	11	125503132	Proneural
29030	CHEK1	11	125503132	Proneural
29031	PATE1	11	125617642	melanoma
29032	PUS3	11	125765285	melanoma
29033	DDX25	11	125792721	lung
29034	RPUSD4	11	126073512	melanoma
29035	RPUSD4	11	126081491	melanoma
29036	FAM118B	11	126120483	melanoma
29037	FOXRED1	11	126147497	bladder
29038	ST3GAL4	11	126278326	Codel
29039	ST3GAL4	11	126278326	IDHmut
29040	ST3GAL4	11	126278326	IDHmut_codel
29041	ST3GAL4	11	126278326	LGG GBM
29042	ST3GAL4	11	126278326	OligoAstr
29043	ST3GAL4	11	126278326	Proneural
29044	ETS1	11	128350259	melanoma
29045	FLI1	11	128642754	melanoma
29046	FLI1	11	128680531	Classic
29047	FLI1	11	128680531	Classic_like
29048	FLI1	11	128680531	Gbm
29049	FLI1	11	128680531	IDHwt
29050	FLI1	11	128680531	IDHwt_priGBM
29051	FLI1	11	128680531	LGG GBM
29052	KCNJ1	11	128709308	melanoma
29053	KCNJ1	11	128709308	melanoma
29054	KCNJ5	11	128786516	Classic_like
29055	KCNJ5	11	128786516	Gbm
29056	KCNJ5	11	128786516	IDHwt
29057	KCNJ5	11	128786516	IDHwt_priGBM

29058	KCNJ5	11	128786516	LGG GBM
29059	TP53AIP1	11	128807670	melanoma
29060	ARHGAP32	11	128839674	lung
29061	ARHGAP32	11	128840055	lung
29062	ARHGAP32	11	128842436	melanoma
29063	ARHGAP32	11	128842745	lung
29064	ARHGAP32	11	128850499	melanoma
29065	ARHGAP32	11	128850499	melanoma
29066	ARHGAP32	11	128850541	melanoma
29067	ARHGAP32	11	128850541	melanoma
29068	ARHGAP32	11	128910863	Classic_like
29069	ARHGAP32	11	128910863	Gbm
29070	ARHGAP32	11	128910863	IDHwt
29071	ARHGAP32	11	128910863	IDHwt_priGBM
29072	ARHGAP32	11	128910863	LGG GBM
29073	ARHGAP32	11	128910863	Proneural
29074	ARHGAP32	11	128933819	melanoma
29075	TMEM45B	11	129722396	melanoma
29076	TMEM45B	11	129725675	Codel
29077	TMEM45B	11	129725675	IDHmut
29078	TMEM45B	11	129725675	IDHmut_codel
29079	TMEM45B	11	129725675	LGG GBM
29080	TMEM45B	11	129725675	Oligo
29081	TMEM45B	11	129725675	Proneural
29082	NFRKB	11	129746646	melanoma
29083	NFRKB	11	129746646	melanoma
29084	NFRKB	11	129751397	melanoma
29085	PRDM10	11	129784846	GCIMP_high
29086	PRDM10	11	129784846	IDHmut
29087	PRDM10	11	129784846	IDHmut_noncodel
29088	PRDM10	11	129784846	LGG GBM
29089	PRDM10	11	129784846	Proneural
29090	ST14	11	130060373	melanoma
29091	ST14	11	130064098	Classic
29092	ST14	11	130064098	Classic_like
29093	ST14	11	130064098	Gbm
29094	ST14	11	130064098	IDHwt
29095	ST14	11	130064098	IDHwt_priGBM
29096	ST14	11	130064098	LGG GBM
29097	ST14	11	130078372	melanoma
29098	ZBTB44	11	130131402	melanoma
29099	ZBTB44	11	130131402	melanoma
29100	ADAMTS8	11	130281492	Gbm
29101	ADAMTS8	11	130281492	IDHwt
29102	ADAMTS8	11	130281492	IDHwt_priGBM
29103	ADAMTS8	11	130281492	LGG GBM
29104	ADAMTS8	11	130281492	Proneural
29105	ADAMTS15	11	130343595	Classic
29106	ADAMTS15	11	130343595	Gbm
29107	ADAMTS15	11	130343595	IDHwt
29108	ADAMTS15	11	130343595	IDHwt_priGBM
29109	ADAMTS15	11	130343595	LGG GBM
29110	ADAMTS15	11	130343595	Mesenchymal_like
29111	SNX19	11	130749573	IDHwt_priGBM2
29112	SNX19	11	130749573	IDHwt_priGBM2
29113	SNX19	11	130785788	bladder
29114	SNX19	11	130785788	bladder
29115	OPCML	11	132527130	Astr

29116	OPCML	11	132527130	Astr
29117	OPCML	11	132527130	Codel
29118	OPCML	11	132527130	Codel
29119	OPCML	11	132527130	IDHmut
29120	OPCML	11	132527130	IDHmut
29121	OPCML	11	132527130	IDHmut_codel
29122	OPCML	11	132527130	IDHmut_codel
29123	OPCML	11	132527130	LGG GBM
29124	OPCML	11	132527130	LGG GBM
29125	OPCML	11	132527130	Proneural
29126	OPCML	11	132527130	Proneural
29127	SPATA19	11	133714447	melanoma
29128	SPATA19	11	133715054	lung
29129	SPATA19	11	133715054	lung
29130	IGSF9B	11	133779143	bladder
29131	IGSF9B	11	133790253	melanoma
29132	IGSF9B	11	133790253	melanoma
29133	IGSF9B	11	133790960	melanoma
29134	IGSF9B	11	133790997	melanoma
29135	IGSF9B	11	133791020	melanoma
29136	IGSF9B	11	133791020	melanoma
29137	IGSF9B	11	133791020	melanoma
29138	NCAPD3	11	134023198	melanoma
29139	NCAPD3	11	134076536	melanoma
29140	NCAPD3	11	134079247	melanoma
29141	ACAD8	11	134128470	Classic
29142	ACAD8	11	134128470	Gbm
29143	ACAD8	11	134128470	IDHwt
29144	ACAD8	11	134128470	IDHwt_priGBM
29145	ACAD8	11	134128470	LGG GBM
29146	ACAD8	11	134128470	Mesenchymal_like
29147	GLB1L3	11	134181021	melanoma
29148	GLB1L3	11	134181021	melanoma
29149	GLB1L3	11	134183342	melanoma
29150	GLB1L2	11	134234254	melanoma
29151	GLB1L2	11	134240920	melanoma
29152	B3GAT1	11	134252719	melanoma
29153	B3GAT1	11	134252719	melanoma
29154	B3GAT1	11	134252869	melanoma
29155	B3GAT1	11	134253956	bladder
29156	IQSEC3	12	274924	Classic
29157	IQSEC3	12	274924	Classic
29158	IQSEC3	12	274924	Gbm
29159	IQSEC3	12	274924	Gbm
29160	IQSEC3	12	274924	IDHwt
29161	IQSEC3	12	274924	IDHwt
29162	IQSEC3	12	274924	IDHwt_priGBM
29163	IQSEC3	12	274924	IDHwt_priGBM
29164	IQSEC3	12	274924	LGG GBM
29165	IQSEC3	12	274924	LGG GBM
29166	IQSEC3	12	274924	melanoma
29167	IQSEC3	12	275032	melanoma
29168	SLC6A12	12	302456	lung
29169	SLC6A12	12	309918	melanoma
29170	SLC6A13	12	330552	melanoma
29171	SLC6A13	12	330552	melanoma
29172	SLC6A13	12	330552	melanoma
29173	SLC6A13	12	330552	melanoma

29174	SLC6A13	12	330552	melanoma
29175	SLC6A13	12	330552	melanoma
29176	SLC6A13	12	332388	lung
29177	SLC6A13	12	344305	melanoma
29178	KDM5A	12	406257	melanoma
29179	KDM5A	12	406257	melanoma
29180	KDM5A	12	406257	melanoma
29181	KDM5A	12	416657	lung
29182	KDM5A	12	416697	melanoma
29183	KDM5A	12	432259	melanoma
29184	B4GALNT3	12	665895	melanoma
29185	WNK1	12	977908	melanoma
29186	WNK1	12	977908	melanoma
29187	WNK1	12	994316	melanoma
29188	WNK1	12	994316	melanoma
29189	WNK1	12	994876	melanoma
29190	WNK1	12	1017163	hnscc
29191	WNT5B	12	1748930	melanoma
29192	WNT5B	12	1748930	melanoma
29193	ADIPOR2	12	1889685	melanoma
29194	CACNA2D4	12	1953612	melanoma
29195	CACNA2D4	12	1992139	Classic
29196	CACNA2D4	12	1992139	Gbm
29197	CACNA2D4	12	1992139	IDHwt
29198	CACNA2D4	12	1992139	IDHwt_priGBM
29199	CACNA2D4	12	1992139	LGG GBM
29200	CACNA2D4	12	1992145	Astr
29201	CACNA2D4	12	1992145	GCIMP_high
29202	CACNA2D4	12	1992145	IDHmut
29203	CACNA2D4	12	1992145	IDHmut_noncodel
29204	CACNA2D4	12	1992145	LGG GBM
29205	CACNA2D4	12	1992145	Neural
29206	CACNA1C	12	2622142	melanoma
29207	CACNA1C	12	2719758	melanoma
29208	CACNA1C	12	2719758	melanoma
29209	CACNA1C	12	2786282	Gbm
29210	CACNA1C	12	2786282	IDHwt
29211	CACNA1C	12	2786282	IDHwt_priGBM
29212	CACNA1C	12	2786282	LGG GBM
29213	CACNA1C	12	2786282	Mesenchymal
29214	CACNA1C	12	2791214	melanoma
29215	CACNA1C	12	2794976	bladder
29216	ITFG2	12	2926471	melanoma
29217	ITFG2	12	2933291	melanoma
29218	FOXM1	12	2981341	melanoma
29219	FOXM1	12	2983434	melanoma
29220	RHNO1	12	2997482	melanoma
29221	TULP3	12	3040293	melanoma
29222	TEAD4	12	3131148	bladder
29223	TEAD4	12	3131148	bladder
29224	TEAD4	12	3131148	bladder
29225	TSPAN9	12	3387660	melanoma
29226	PRMT8	12	3692311	Astr
29227	PRMT8	12	3692311	GCIMP_high
29228	PRMT8	12	3692311	IDHmut
29229	PRMT8	12	3692311	IDHmut_noncodel
29230	PRMT8	12	3692311	LGG GBM
29231	CRACR2A	12	3806093	melanoma

29232	CCND2	12	4398029	Gbm
29233	CCND2	12	4398029	Gbm
29234	CCND2	12	4398029	IDHwt
29235	CCND2	12	4398029	IDHwt
29236	CCND2	12	4398029	IDHwt_priGBM
29237	CCND2	12	4398029	IDHwt_priGBM
29238	CCND2	12	4398029	LGG GBM
29239	CCND2	12	4398029	LGG GBM
29240	CCND2	12	4398029	Mesenchymal
29241	CCND2	12	4398029	Mesenchymal
29242	CCND2	12	4398029	Mesenchymal_like
29243	CCND2	12	4398029	Mesenchymal_like
29244	C12orf4	12	4609390	melanoma
29245	C12orf4	12	4609390	melanoma
29246	RAD51AP1	12	4662254	lung
29247	RAD51AP1	12	4665638	lung
29248	DYRK4	12	4708907	melanoma
29249	AKAP3	12	4735676	melanoma
29250	GALNT8	12	4870280	melanoma
29251	KCNA6	12	4919224	melanoma
29252	KCNA6	12	4920500	melanoma
29253	KCNA6	12	4920711	melanoma
29254	KCNA6	12	4920712	melanoma
29255	KCNA1	12	5021308	melanoma
29256	KCNA1	12	5021450	bladder
29257	KCNA1	12	5021554	melanoma
29258	KCNA1	12	5021554	melanoma
29259	KCNA5	12	5154610	bladder
29260	KCNA5	12	5154610	bladder
29261	KCNA5	12	5155015	lung
29262	NTF3	12	5603721	melanoma
29263	NTF3	12	5603721	melanoma
29264	ANO2	12	5674779	melanoma
29265	ANO2	12	5708718	GCIMP_high
29266	ANO2	12	5708718	IDHmut
29267	ANO2	12	5708718	IDHmut_noncodel
29268	ANO2	12	5708718	LGG GBM
29269	ANO2	12	5708718	Neural
29270	ANO2	12	5708718	Oligo
29271	ANO2	12	5908716	Gbm
29272	ANO2	12	5908716	IDHwt
29273	ANO2	12	5908716	IDHwt_priGBM
29274	ANO2	12	5908716	LGG GBM
29275	ANO2	12	5908716	Mesenchymal_like
29276	ANO2	12	5908716	Proneural
29277	ANO2	12	5939605	lung
29278	ANO2	12	6030355	melanoma
29279	VWF	12	6085398	melanoma
29280	VWF	12	6125787	melanoma
29281	VWF	12	6128787	Codel
29282	VWF	12	6128787	Codel
29283	VWF	12	6128787	IDHmut
29284	VWF	12	6128787	IDHmut
29285	VWF	12	6128787	IDHmut_codel
29286	VWF	12	6128787	IDHmut_codel
29287	VWF	12	6128787	LGG GBM
29288	VWF	12	6128787	LGG GBM
29289	VWF	12	6128787	Neural

29290	VWF	12	6128787	Neural
29291	VWF	12	6128787	Oligo
29292	VWF	12	6128787	Oligo
29293	VWF	12	6155892	lung
29294	VWF	12	6166068	lung
29295	VWF	12	6219728	melanoma
29296	CD9	12	6345400	melanoma
29297	CD9	12	6345409	melanoma
29298	PLEKHG6	12	6422829	melanoma
29299	TNFRSF1A	12	6438603	bladder
29300	SCNN1A	12	6457934	melanoma
29301	SCNN1A	12	6457934	melanoma
29302	SCNN1A	12	6484111	melanoma
29303	LTBR	12	6494301	GCIMP_high
29304	LTBR	12	6494301	IDHmut
29305	LTBR	12	6494301	IDHmut_noncodel
29306	LTBR	12	6494301	LGG GBM
29307	LTBR	12	6494301	OligoAstr
29308	LTBR	12	6494301	Proneural
29309	LTBR	12	6495595	lung
29310	LTBR	12	6495596	melanoma
29311	LTBR	12	6495596	melanoma
29312	NCAPD2	12	6635619	melanoma
29313	IFFO1	12	6664597	bladder
29314	NOP2	12	6672816	lung
29315	CHD4	12	6686986	bladder
29316	CHD4	12	6688033	melanoma
29317	CHD4	12	6702730	Astr
29318	CHD4	12	6702730	IDHwt
29319	CHD4	12	6702730	LGG GBM
29320	CHD4	12	6702730	Mesenchymal_like
29321	CHD4	12	6702775	melanoma
29322	CHD4	12	6704556	melanoma
29323	CHD4	12	6710658	melanoma
29324	ING4	12	6761931	melanoma
29325	ZNF384	12	6776945	melanoma
29326	COPS7A	12	6837117	melanoma
29327	COPS7A	12	6837117	melanoma
29328	LAG3	12	6882074	melanoma
29329	LAG3	12	6882074	melanoma
29330	LAG3	12	6882381	hnscc
29331	CD4	12	6923988	melanoma
29332	CD4	12	6923988	melanoma
29333	GPR162	12	6933233	melanoma
29334	GPR162	12	6933429	melanoma
29335	GPR162	12	6933429	melanoma
29336	USP5	12	6971714	lung
29337	LRRC23	12	7022060	melanoma
29338	ENO2	12	7026819	Classic
29339	ENO2	12	7026819	Gbm
29340	ENO2	12	7026819	IDHwt
29341	ENO2	12	7026819	IDHwt_priGBM
29342	ENO2	12	7026819	LGG GBM
29343	ENO2	12	7026819	Mesenchymal_like
29344	ENO2	12	7027149	melanoma
29345	ATN1	12	7046237	melanoma
29346	ATN1	12	7047759	Classic
29347	ATN1	12	7047759	Classic_like

29348	ATN1	12	7047759	Gbm
29349	ATN1	12	7047759	IDHwt
29350	ATN1	12	7047759	IDHwt_priGBM
29351	ATN1	12	7047759	LGG GBM
29352	PTPN6	12	7069295	melanoma
29353	LPCAT3	12	7086665	melanoma
29354	C1S	12	7174353	melanoma
29355	C1S	12	7177608	melanoma
29356	C1RL	12	7249115	melanoma
29357	C1RL	12	7249393	melanoma
29358	C1RL	12	7249393	melanoma
29359	C1RL	12	7261029	melanoma
29360	CLSTN3	12	7289620	melanoma
29361	CLSTN3	12	7289620	melanoma
29362	CLSTN3	12	7310123	Astr
29363	CLSTN3	12	7310123	Astr
29364	CLSTN3	12	7310123	IDHwt
29365	CLSTN3	12	7310123	IDHwt
29366	CLSTN3	12	7310123	LGG GBM
29367	CLSTN3	12	7310123	LGG GBM
29368	CLSTN3	12	7310123	Neural
29369	CLSTN3	12	7310123	Neural
29370	CLSTN3	12	7310123	PA_like
29371	CLSTN3	12	7310123	PA_like
29372	PEX5	12	7343895	melanoma
29373	PEX5	12	7362415	melanoma
29374	ACSM4	12	7459210	melanoma
29375	ACSM4	12	7469767	melanoma
29376	CD163L1	12	7526162	Astr
29377	CD163L1	12	7526162	Astr
29378	CD163L1	12	7526162	GCIMP_high
29379	CD163L1	12	7526162	GCIMP_high
29380	CD163L1	12	7526162	IDHmut
29381	CD163L1	12	7526162	IDHmut
29382	CD163L1	12	7526162	IDHmut_noncodel
29383	CD163L1	12	7526162	IDHmut_noncodel
29384	CD163L1	12	7526162	LGG GBM
29385	CD163L1	12	7526162	LGG GBM
29386	CD163L1	12	7526162	Proneural
29387	CD163L1	12	7526162	Proneural
29388	CD163L1	12	7528138	melanoma
29389	CD163L1	12	7548825	melanoma
29390	CD163L1	12	7548825	melanoma
29391	CD163L1	12	7551138	melanoma
29392	CD163L1	12	7551138	melanoma
29393	CD163L1	12	7551138	melanoma
29394	CD163L1	12	7585167	melanoma
29395	CD163L1	12	7586119	IDHwt
29396	CD163L1	12	7586119	LGG GBM
29397	CD163L1	12	7586119	Mesenchymal_like
29398	CD163L1	12	7586119	Oligo
29399	CD163L1	12	7596714	melanoma
29400	CD163	12	7635248	Codel
29401	CD163	12	7635248	IDHmut
29402	CD163	12	7635248	IDHmut_codel
29403	CD163	12	7635248	LGG GBM
29404	CD163	12	7635248	Neural
29405	CD163	12	7635248	Oligo

29406	CD163	12	7635337	melanoma
29407	CD163	12	7637713	melanoma
29408	CD163	12	7639259	GCIMP_high
29409	CD163	12	7639259	IDHmut
29410	CD163	12	7639259	IDHmut_noncodel
29411	CD163	12	7639259	LGG GBM
29412	CD163	12	7640503	melanoma
29413	CD163	12	7647761	melanoma
29414	CD163	12	7649555	melanoma
29415	CD163	12	7649652	melanoma
29416	CD163	12	7649652	melanoma
29417	CD163	12	7651670	Classic
29418	CD163	12	7651670	Classic_like
29419	CD163	12	7651670	Gbm
29420	CD163	12	7651670	IDHwt
29421	CD163	12	7651670	IDHwt_priGBM
29422	CD163	12	7651670	LGG GBM
29423	CD163	12	7655079	melanoma
29424	GDF3	12	7842962	melanoma
29425	GDF3	12	7843031	melanoma
29426	GDF3	12	7843211	melanoma
29427	DPPA3	12	7864234	melanoma
29428	DPPA3	12	7868797	melanoma
29429	NANOG	12	7947312	melanoma
29430	SLC2A14	12	7967043	Codel
29431	SLC2A14	12	7967043	IDHmut
29432	SLC2A14	12	7967043	IDHmut_codel
29433	SLC2A14	12	7967043	LGG GBM
29434	SLC2A14	12	7967043	Oligo
29435	SLC2A14	12	7980134	melanoma
29436	SLC2A14	12	7982600	Astr
29437	SLC2A14	12	7982600	GCIMP_high
29438	SLC2A14	12	7982600	IDHmut
29439	SLC2A14	12	7982600	IDHmut_noncodel
29440	SLC2A14	12	7982600	LGG GBM
29441	SLC2A14	12	8016047	bladder
29442	SLC2A3	12	8077010	melanoma
29443	SLC2A3	12	8083229	lung
29444	FOXJ2	12	8201337	Classic
29445	FOXJ2	12	8201337	Gbm
29446	FOXJ2	12	8201337	IDHwt
29447	FOXJ2	12	8201337	IDHwt_priGBM
29448	FOXJ2	12	8201337	LGG GBM
29449	FOXJ2	12	8201337	Mesenchymal_like
29450	NECAP1	12	8248277	melanoma
29451	ZNF705A	12	8329731	melanoma
29452	FAM90A1	12	8375299	melanoma
29453	FAM90A1	12	8375299	melanoma
29454	FAM90A1	12	8376065	melanoma
29455	FAM90A1	12	8376712	melanoma
29456	FAM90A1	12	8377403	melanoma
29457	FAM90A1	12	8377403	melanoma
29458	CLEC6A	12	8618199	melanoma
29459	CLEC4D	12	8671697	melanoma
29460	CLEC4E	12	8689778	Classic
29461	CLEC4E	12	8689778	Classic
29462	CLEC4E	12	8689778	Classic
29463	CLEC4E	12	8689778	Classic_like

29464	CLEC4E	12	8689778	Classic_like
29465	CLEC4E	12	8689778	Classic_like
29466	CLEC4E	12	8689778	Gbm
29467	CLEC4E	12	8689778	Gbm
29468	CLEC4E	12	8689778	Gbm
29469	CLEC4E	12	8689778	IDHwt
29470	CLEC4E	12	8689778	IDHwt
29471	CLEC4E	12	8689778	IDHwt
29472	CLEC4E	12	8689778	IDHwt_priGBM
29473	CLEC4E	12	8689778	IDHwt_priGBM
29474	CLEC4E	12	8689778	IDHwt_priGBM
29475	CLEC4E	12	8689778	LGG GBM
29476	CLEC4E	12	8689778	LGG GBM
29477	CLEC4E	12	8689778	LGG GBM
29478	AICDA	12	8756915	melanoma
29479	AICDA	12	8758006	Gbm
29480	AICDA	12	8758006	IDHwt
29481	AICDA	12	8758006	IDHwt_priGBM
29482	AICDA	12	8758006	LGG GBM
29483	AICDA	12	8758006	Mesenchymal
29484	AICDA	12	8758006	Mesenchymal_like
29485	A2ML1	12	8998756	melanoma
29486	A2ML1	12	9010669	melanoma
29487	A2ML1	12	9016468	melanoma
29488	KLRG1	12	9161593	melanoma
29489	KLRG1	12	9161653	melanoma
29490	PZP	12	9307219	melanoma
29491	PZP	12	9307219	melanoma
29492	PZP	12	9311080	melanoma
29493	PZP	12	9311080	melanoma
29494	PZP	12	9345118	melanoma
29495	PZP	12	9345224	melanoma
29496	PZP	12	9355144	melanoma
29497	PZP	12	9355144	melanoma
29498	PZP	12	9355144	melanoma
29499	PZP	12	9355144	melanoma
29500	PZP	12	9355145	melanoma
29501	PZP	12	9355145	melanoma
29502	KLRB1	12	9751191	melanoma
29503	CD69	12	9913389	melanoma
29504	CLEC2A	12	10066215	melanoma
29505	CLEC2A	12	10078929	melanoma
29506	CLEC12A	12	10137543	melanoma
29507	CLEC9A	12	10217374	Classic_like
29508	CLEC9A	12	10217374	Gbm
29509	CLEC9A	12	10217374	IDHwt
29510	CLEC9A	12	10217374	IDHwt_priGBM
29511	CLEC9A	12	10217374	LGG GBM
29512	OLR1	12	10319338	Classic
29513	OLR1	12	10319338	Gbm
29514	OLR1	12	10319338	IDHwt
29515	OLR1	12	10319338	IDHwt_priGBM
29516	OLR1	12	10319338	LGG GBM
29517	OLR1	12	10319434	melanoma
29518	KLRD1	12	10462062	melanoma
29519	KLRC3	12	10565202	bladder
29520	KLRC2	12	10586433	melanoma
29521	KLRC2	12	10587995	melanoma

29522	STYK1	12	10786670	GCIMP_high
29523	STYK1	12	10786670	GCIMP_high
29524	STYK1	12	10786670	IDHmut
29525	STYK1	12	10786670	IDHmut
29526	STYK1	12	10786670	IDHmut_noncodel
29527	STYK1	12	10786670	IDHmut_noncodel
29528	STYK1	12	10786670	LGG GBM
29529	STYK1	12	10786670	LGG GBM
29530	STYK1	12	10786670	Proneural
29531	STYK1	12	10786670	Proneural
29532	YBX3	12	10854621	Classic_like
29533	YBX3	12	10854621	Gbm
29534	YBX3	12	10854621	IDHwt
29535	YBX3	12	10854621	IDHwt_priGBM
29536	YBX3	12	10854621	LGG GBM
29537	YBX3	12	10862596	lung
29538	TAS2R7	12	10954275	melanoma
29539	TAS2R7	12	10954275	melanoma
29540	TAS2R7	12	10954778	melanoma
29541	TAS2R8	12	10959140	bladder
29542	TAS2R9	12	10962253	melanoma
29543	TAS2R9	12	10962383	melanoma
29544	TAS2R9	12	10962608	melanoma
29545	TAS2R9	12	10962608	melanoma
29546	TAS2R10	12	10978505	melanoma
29547	TAS2R14	12	11091226	melanoma
29548	TAS2R14	12	11091682	melanoma
29549	TAS2R14	12	11091682	melanoma
29550	TAS2R14	12	11091682	melanoma
29551	TAS2R20	12	11149657	melanoma
29552	TAS2R20	12	11149657	melanoma
29553	TAS2R20	12	11149657	melanoma
29554	TAS2R20	12	11150018	Classic
29555	TAS2R20	12	11150018	Gbm
29556	TAS2R20	12	11150018	IDHwt
29557	TAS2R20	12	11150018	IDHwt_priGBM
29558	TAS2R20	12	11150018	LGG GBM
29559	TAS2R20	12	11150018	Mesenchymal_like
29560	TAS2R20	12	11150446	melanoma
29561	TAS2R43	12	11244800	melanoma
29562	TAS2R43	12	11244800	melanoma
29563	TAS2R30	12	11286134	melanoma
29564	TAS2R30	12	11286134	melanoma
29565	TAS2R30	12	11286472	lung
29566	TAS2R30	12	11286719	melanoma
29567	TAS2R42	12	11339194	melanoma
29568	LRP6	12	12274094	melanoma
29569	LRP6	12	12302045	Astr
29570	LRP6	12	12302045	IDHwt
29571	LRP6	12	12302045	LGG GBM
29572	LRP6	12	12302045	Neural
29573	LRP6	12	12302045	PA_like
29574	LRP6	12	12312050	melanoma
29575	LRP6	12	12312050	melanoma
29576	DUSP16	12	12630929	melanoma
29577	DUSP16	12	12673821	melanoma
29578	GPRC5D	12	13103015	melanoma
29579	FAM234B	12	13208652	bladder

29580	FAM234B	12	13208755	Gbm
29581	FAM234B	12	13208755	Gbm
29582	FAM234B	12	13208755	Gbm
29583	FAM234B	12	13208755	GCIMP_low
29584	FAM234B	12	13208755	GCIMP_low
29585	FAM234B	12	13208755	GCIMP_low
29586	FAM234B	12	13208755	IDHmut
29587	FAM234B	12	13208755	IDHmut
29588	FAM234B	12	13208755	IDHmut
29589	FAM234B	12	13208755	IDHmut_noncodel
29590	FAM234B	12	13208755	IDHmut_noncodel
29591	FAM234B	12	13208755	IDHmut_noncodel
29592	FAM234B	12	13208755	LGG GBM
29593	FAM234B	12	13208755	LGG GBM
29594	FAM234B	12	13208755	LGG GBM
29595	FAM234B	12	13219628	melanoma
29596	FAM234B	12	13232936	melanoma
29597	FAM234B	12	13232936	melanoma
29598	FAM234B	12	13232936	melanoma
29599	FAM234B	12	13232936	melanoma
29600	GSG1	12	13241744	melanoma
29601	GSG1	12	13241760	melanoma
29602	GSG1	12	13241760	melanoma
29603	GSG1	12	13241760	melanoma
29604	GSG1	12	13241760	melanoma
29605	GSG1	12	13243455	melanoma
29606	GRIN2B	12	13716339	melanoma
29607	GRIN2B	12	13717356	Astr
29608	GRIN2B	12	13717356	Classic
29609	GRIN2B	12	13717356	Classic_like
29610	GRIN2B	12	13717356	IDHwt
29611	GRIN2B	12	13717356	LGG GBM
29612	GRIN2B	12	13764777	bladder
29613	GRIN2B	12	13768125	melanoma
29614	GRIN2B	12	13769480	melanoma
29615	GRIN2B	12	13906386	lung
29616	GRIN2B	12	13906386	lung
29617	GRIN2B	12	13906468	melanoma
29618	GRIN2B	12	13906468	melanoma
29619	GRIN2B	12	13906815	melanoma
29620	ATF7IP	12	14576907	Astr
29621	ATF7IP	12	14576907	Astr
29622	ATF7IP	12	14576907	Astr
29623	ATF7IP	12	14576907	Astr
29624	ATF7IP	12	14576907	Classic
29625	ATF7IP	12	14576907	Classic
29626	ATF7IP	12	14576907	Classic
29627	ATF7IP	12	14576907	Classic
29628	ATF7IP	12	14576907	Classic_like
29629	ATF7IP	12	14576907	Classic_like
29630	ATF7IP	12	14576907	Classic_like
29631	ATF7IP	12	14576907	Classic_like
29632	ATF7IP	12	14576907	IDHwt
29633	ATF7IP	12	14576907	IDHwt
29634	ATF7IP	12	14576907	IDHwt
29635	ATF7IP	12	14576907	IDHwt
29636	ATF7IP	12	14576907	LGG GBM
29637	ATF7IP	12	14576907	LGG GBM

29638	ATF7IP	12	14576907	LGG GBM
29639	ATF7IP	12	14576907	LGG GBM
29640	ATF7IP	12	14589059	Classic_like
29641	ATF7IP	12	14589059	Gbm
29642	ATF7IP	12	14589059	IDHwt
29643	ATF7IP	12	14589059	IDHwt_priGBM
29644	ATF7IP	12	14589059	LGG GBM
29645	ATF7IP	12	14589059	Mesenchymal
29646	ATF7IP	12	14613827	melanoma
29647	ATF7IP	12	14614026	melanoma
29648	ATF7IP	12	14631314	melanoma
29649	ATF7IP	12	14631314	melanoma
29650	ATF7IP	12	14633946	melanoma
29651	ATF7IP	12	14650861	melanoma
29652	PLBD1	12	14664501	melanoma
29653	PLBD1	12	14664501	melanoma
29654	GUCY2C	12	14798227	melanoma
29655	GUCY2C	12	14827652	melanoma
29656	GUCY2C	12	14827660	melanoma
29657	GUCY2C	12	14827660	melanoma
29658	GUCY2C	12	14836018	bladder
29659	WBP11	12	14947534	melanoma
29660	WBP11	12	14947534	melanoma
29661	SMCO3	12	14959299	melanoma
29662	ART4	12	14993645	melanoma
29663	ART4	12	14993801	melanoma
29664	ERP27	12	15068539	melanoma
29665	ERP27	12	15087866	melanoma
29666	ERP27	12	15091439	melanoma
29667	ERP27	12	15091439	melanoma
29668	PTPRO	12	15637019	melanoma
29669	PTPRO	12	15637049	melanoma
29670	PTPRO	12	15637158	lung
29671	PTPRO	12	15742475	melanoma
29672	EPS8	12	15811039	melanoma
29673	SLC15A5	12	16392772	bladder
29674	MGST1	12	16507217	melanoma
29675	MGST1	12	16516884	melanoma
29676	RERGL	12	18234292	melanoma
29677	RERGL	12	18234292	melanoma
29678	RERGL	12	18237550	melanoma
29679	PIK3C2G	12	18552608	Gbm
29680	PIK3C2G	12	18552608	IDHwt
29681	PIK3C2G	12	18552608	IDHwt_priGBM
29682	PIK3C2G	12	18552608	LGG GBM
29683	PIK3C2G	12	18552608	Mesenchymal
29684	PIK3C2G	12	18658254	melanoma
29685	PIK3C2G	12	18699324	Classic
29686	PIK3C2G	12	18699324	Classic_like
29687	PIK3C2G	12	18699324	Gbm
29688	PIK3C2G	12	18699324	IDHwt
29689	PIK3C2G	12	18699324	IDHwt_priGBM
29690	PIK3C2G	12	18699324	LGG GBM
29691	PIK3C2G	12	18715756	melanoma
29692	PIK3C2G	12	18716344	melanoma
29693	PIK3C2G	12	18747469	melanoma
29694	PIK3C2G	12	18747476	melanoma
29695	PIK3C2G	12	18747476	melanoma

29696	PLCZ1	12	18852769	melanoma
29697	PLCZ1	12	18889196	melanoma
29698	CAPZA3	12	18891278	melanoma
29699	PLEKHA5	12	19489486	Astr
29700	PLEKHA5	12	19489486	GCIMP_high
29701	PLEKHA5	12	19489486	IDHmut
29702	PLEKHA5	12	19489486	IDHmut_noncodel
29703	PLEKHA5	12	19489486	LGG GBM
29704	PLEKHA5	12	19489486	Proneural
29705	PDE3A	12	20522336	lung
29706	PDE3A	12	20523062	lung
29707	PDE3A	12	20523062	lung
29708	PDE3A	12	20766470	lung
29709	PDE3A	12	20766470	lung
29710	PDE3A	12	20766470	lung
29711	PDE3A	12	20782929	melanoma
29712	PDE3A	12	20782929	melanoma
29713	PDE3A	12	20783025	melanoma
29714	SLCO1C1	12	20874806	melanoma
29715	SLCO1B3	12	21028280	melanoma
29716	SLCO1B3	12	21028280	melanoma
29717	SLCO1B3	12	21028280	melanoma
29718	SLCO1B3	12	21032466	melanoma
29719	SLCO1B3	12	21032466	melanoma
29720	SLCO1B3	12	21032466	melanoma
29721	SLCO1B3	12	21054286	melanoma
29722	SLCO1B3	12	21054310	melanoma
29723	SLCO1B7	12	21168708	Gbm
29724	SLCO1B7	12	21168708	IDHwt
29725	SLCO1B7	12	21168708	IDHwt_priGBM
29726	SLCO1B7	12	21168708	LGG GBM
29727	SLCO1B7	12	21168708	Mesenchymal
29728	SLCO1B7	12	21172304	hnsc
29729	SLCO1B7	12	21172304	hnsc
29730	SLCO1B7	12	21175871	melanoma
29731	SLCO1B7	12	21176140	melanoma
29732	SLCO1B1	12	21329769	melanoma
29733	SLCO1B1	12	21331588	hnsc
29734	SLCO1B1	12	21331596	melanoma
29735	SLCO1B1	12	21349958	melanoma
29736	SLCO1B1	12	21349958	melanoma
29737	SLCO1B1	12	21391926	melanoma
29738	SLCO1B1	12	21391926	melanoma
29739	SLCO1A2	12	21450467	melanoma
29740	SLCO1A2	12	21457408	melanoma
29741	SLCO1A2	12	21457486	melanoma
29742	SLCO1A2	12	21459883	melanoma
29743	PYROXD1	12	21621512	melanoma
29744	GOLT1B	12	21665306	melanoma
29745	GYS2	12	21715910	melanoma
29746	GYS2	12	21716177	melanoma
29747	KCNJ8	12	21918955	melanoma
29748	KCNJ8	12	21918955	melanoma
29749	KCNJ8	12	21918955	melanoma
29750	ABCC9	12	21954093	Classic
29751	ABCC9	12	21954093	Classic
29752	ABCC9	12	21954093	Classic_like
29753	ABCC9	12	21954093	Classic_like

29754	ABCC9	12	21954093	Gbm
29755	ABCC9	12	21954093	Gbm
29756	ABCC9	12	21954093	IDHwt
29757	ABCC9	12	21954093	IDHwt
29758	ABCC9	12	21954093	IDHwt_priGBM
29759	ABCC9	12	21954093	IDHwt_priGBM
29760	ABCC9	12	21954093	LGG GBM
29761	ABCC9	12	21954093	LGG GBM
29762	ABCC9	12	21995285	Classic_like
29763	ABCC9	12	21995285	Gbm
29764	ABCC9	12	21995285	IDHwt
29765	ABCC9	12	21995285	IDHwt_priGBM
29766	ABCC9	12	21995285	LGG GBM
29767	ABCC9	12	21995285	Mesenchymal
29768	ABCC9	12	21995296	melanoma
29769	ABCC9	12	21995353	melanoma
29770	ABCC9	12	22001137	melanoma
29771	ABCC9	12	22047024	melanoma
29772	ABCC9	12	22047024	melanoma
29773	ABCC9	12	22048228	melanoma
29774	ABCC9	12	22048228	melanoma
29775	ABCC9	12	22048228	melanoma
29776	ABCC9	12	22063098	melanoma
29777	ABCC9	12	22063153	melanoma
29778	ABCC9	12	22063153	melanoma
29779	ABCC9	12	22063153	melanoma
29780	CMAS	12	22199458	Codel
29781	CMAS	12	22199458	IDHmut
29782	CMAS	12	22199458	IDHmut_codel
29783	CMAS	12	22199458	LGG GBM
29784	CMAS	12	22199458	Oligo
29785	CMAS	12	22199458	Proneural
29786	ST8SIA1	12	22354583	melanoma
29787	ST8SIA1	12	22440123	melanoma
29788	ST8SIA1	12	22440123	melanoma
29789	C2CD5	12	22659681	melanoma
29790	C2CD5	12	22688211	melanoma
29791	SOX5	12	23689548	melanoma
29792	SOX5	12	23689548	melanoma
29793	SOX5	12	23696309	melanoma
29794	CASC1	12	25261751	melanoma
29795	CASC1	12	25274734	melanoma
29796	KRAS	12	25368477	melanoma
29797	KRAS	12	25368477	melanoma
29798	KRAS	12	25398284	bladder
29799	LMNTD1	12	25699336	melanoma
29800	ITPR2	12	26580911	lung
29801	ITPR2	12	26714771	melanoma
29802	ITPR2	12	26732989	melanoma
29803	ITPR2	12	26732989	melanoma
29804	ITPR2	12	26816689	melanoma
29805	ITPR2	12	26835518	Classic_like
29806	ITPR2	12	26835518	Gbm
29807	ITPR2	12	26835518	IDHwt
29808	ITPR2	12	26835518	IDHwt_priGBM
29809	ITPR2	12	26835518	LGG GBM
29810	ITPR2	12	26835518	Mesenchymal
29811	ITPR2	12	26985668	Astr

29812	ITPR2	12	26985668	GCIMP_high
29813	ITPR2	12	26985668	IDHmut
29814	ITPR2	12	26985668	IDHmut_noncodel
29815	ITPR2	12	26985668	LGG GBM
29816	ITPR2	12	26985668	Proneural
29817	INTS13	12	27069110	lung
29818	INTS13	12	27081194	hnsc
29819	TM7SF3	12	27128572	bladder
29820	TM7SF3	12	27128572	bladder
29821	TM7SF3	12	27148330	melanoma
29822	TM7SF3	12	27148330	melanoma
29823	ARNTL2	12	27533256	melanoma
29824	ARNTL2	12	27543092	melanoma
29825	ARNTL2	12	27553705	GCIMP_high
29826	ARNTL2	12	27553705	GCIMP_high
29827	ARNTL2	12	27553705	IDHmut
29828	ARNTL2	12	27553705	IDHmut
29829	ARNTL2	12	27553705	IDHmut_noncodel
29830	ARNTL2	12	27553705	IDHmut_noncodel
29831	ARNTL2	12	27553705	LGG GBM
29832	ARNTL2	12	27553705	LGG GBM
29833	ARNTL2	12	27553705	OligoAstr
29834	ARNTL2	12	27553705	OligoAstr
29835	ARNTL2	12	27553705	Proneural
29836	ARNTL2	12	27553705	Proneural
29837	ARNTL2	12	27573357	melanoma
29838	ARNTL2	12	27573357	melanoma
29839	ARNTL2	12	27573357	melanoma
29840	PPFIBP1	12	27824428	melanoma
29841	PPFIBP1	12	27832494	lung
29842	PPFIBP1	12	27832494	lung
29843	PPFIBP1	12	27832494	lung
29844	PPFIBP1	12	27832494	lung
29845	REP15	12	27849629	melanoma
29846	REP15	12	27849629	melanoma
29847	MRPS35	12	27908355	melanoma
29848	ERGIC2	12	29519869	lung
29849	ERGIC2	12	29519869	lung
29850	TMTC1	12	29659825	GCIMP_high
29851	TMTC1	12	29659825	IDHmut
29852	TMTC1	12	29659825	IDHmut_noncodel
29853	TMTC1	12	29659825	LGG GBM
29854	TMTC1	12	29659825	OligoAstr
29855	TMTC1	12	29786150	Classic
29856	TMTC1	12	29786150	Gbm
29857	TMTC1	12	29786150	IDHwt
29858	TMTC1	12	29786150	IDHwt_priGBM
29859	TMTC1	12	29786150	LGG GBM
29860	TMTC1	12	29786178	melanoma
29861	TMTC1	12	29911646	melanoma
29862	IPO8	12	30814115	melanoma
29863	IPO8	12	30814115	melanoma
29864	IPO8	12	30837302	melanoma
29865	TSPAN11	12	31132505	lung
29866	DDX11	12	31256643	melanoma
29867	DENND5B	12	31555571	melanoma
29868	DENND5B	12	31600574	melanoma
29869	DENND5B	12	31613228	bladder

29870	AMN1	12	31842046	melanoma
29871	H3F3C	12	31944926	melanoma
29872	H3F3C	12	31945006	melanoma
29873	H3F3C	12	31945006	melanoma
29874	KIAA1551	12	32136258	melanoma
29875	KIAA1551	12	32136258	melanoma
29876	KIAA1551	12	32136258	melanoma
29877	KIAA1551	12	32136258	melanoma
29878	FGD4	12	32791622	melanoma
29879	DNM1L	12	32873681	melanoma
29880	DNM1L	12	32884047	melanoma
29881	DNM1L	12	32895557	lung
29882	YARS2	12	32908585	Gbm
29883	YARS2	12	32908585	Gbm
29884	YARS2	12	32908585	IDHwt
29885	YARS2	12	32908585	IDHwt
29886	YARS2	12	32908585	IDHwt_priGBM
29887	YARS2	12	32908585	IDHwt_priGBM
29888	YARS2	12	32908585	LGG GBM
29889	YARS2	12	32908585	LGG GBM
29890	YARS2	12	32908585	Mesenchymal_like
29891	YARS2	12	32908585	Mesenchymal_like
29892	YARS2	12	32908585	Neural
29893	YARS2	12	32908585	Neural
29894	PKP2	12	32945398	melanoma
29895	PKP2	12	32975538	melanoma
29896	PKP2	12	33031228	melanoma
29897	SYT10	12	33532801	melanoma
29898	SYT10	12	33538180	Gbm
29899	SYT10	12	33538180	IDHwt
29900	SYT10	12	33538180	IDHwt_priGBM
29901	SYT10	12	33538180	LGG GBM
29902	SYT10	12	33538180	Mesenchymal
29903	SYT10	12	33538180	Mesenchymal_like
29904	SYT10	12	33559909	melanoma
29905	SYT10	12	33560041	melanoma
29906	SYT10	12	33579424	melanoma
29907	ALG10B	12	38712069	melanoma
29908	CPNE8	12	39079302	melanoma
29909	CPNE8	12	39161495	melanoma
29910	KIF21A	12	39711962	bladder
29911	KIF21A	12	39725521	lung
29912	ABCD2	12	39947815	lung
29913	ABCD2	12	40013182	Gbm
29914	ABCD2	12	40013182	LGG GBM
29915	ABCD2	12	40013182	Mesenchymal
29916	ABCD2	12	40013182	Mesenchymal_like
29917	SLC2A13	12	40345131	Astr
29918	SLC2A13	12	40345131	Astr
29919	SLC2A13	12	40345131	IDHwt
29920	SLC2A13	12	40345131	IDHwt
29921	SLC2A13	12	40345131	LGG GBM
29922	SLC2A13	12	40345131	LGG GBM
29923	SLC2A13	12	40345131	Mesenchymal_like
29924	SLC2A13	12	40345131	Mesenchymal_like
29925	SLC2A13	12	40345131	Neural
29926	SLC2A13	12	40345131	Neural
29927	LRRK2	12	40631845	melanoma

29928	LRRK2	12	40637391	melanoma
29929	LRRK2	12	40637391	melanoma
29930	LRRK2	12	40637391	melanoma
29931	LRRK2	12	40696612	melanoma
29932	LRRK2	12	40696612	melanoma
29933	LRRK2	12	40749984	lung
29934	CNTN1	12	41419100	melanoma
29935	PDZRN4	12	41966857	melanoma
29936	PDZRN4	12	41967420	melanoma
29937	GXYLT1	12	42491789	bladder
29938	GXYLT1	12	42523633	lung
29939	GXYLT1	12	42523633	lung
29940	GXYLT1	12	42523633	lung
29941	GXYLT1	12	42523633	lung
29942	GXYLT1	12	42523633	lung
29943	PPHLN1	12	42835193	melanoma
29944	PPHLN1	12	42840085	melanoma
29945	PPHLN1	12	42840085	melanoma
29946	ADAMTS20	12	43822473	melanoma
29947	ADAMTS20	12	43833491	melanoma
29948	ADAMTS20	12	43840442	melanoma
29949	ADAMTS20	12	43945049	melanoma
29950	ADAMTS20	12	43945049	melanoma
29951	ADAMTS20	12	43945049	melanoma
29952	TMEM117	12	44770439	melanoma
29953	NELL2	12	45269083	melanoma
29954	ANO6	12	45795629	melanoma
29955	ANO6	12	45803264	lung
29956	ANO6	12	45810532	melanoma
29957	ANO6	12	45810532	melanoma
29958	ARID2	12	46230641	melanoma
29959	ARID2	12	46230641	melanoma
29960	ARID2	12	46240672	melanoma
29961	ARID2	12	46240672	melanoma
29962	ARID2	12	46240672	melanoma
29963	ARID2	12	46240672	melanoma
29964	ARID2	12	46244626	melanoma
29965	ARID2	12	46287428	melanoma
29966	SCAF11	12	46318569	melanoma
29967	SCAF11	12	46318569	melanoma
29968	SLC38A1	12	46591780	melanoma
29969	SLC38A1	12	46598355	melanoma
29970	SLC38A1	12	46623370	melanoma
29971	SLC38A4	12	47173781	melanoma
29972	SLC38A4	12	47173781	melanoma
29973	SLC38A4	12	47181798	melanoma
29974	PCED1B	12	47629015	melanoma
29975	PCED1B	12	47629015	melanoma
29976	VDR	12	48240514	melanoma
29977	VDR	12	48258889	melanoma
29978	COL2A1	12	48368105	melanoma
29979	COL2A1	12	48368105	melanoma
29980	COL2A1	12	48379361	melanoma
29981	COL2A1	12	48379361	melanoma
29982	ZNF641	12	48736914	melanoma
29983	ANP32D	12	48866783	Classic
29984	ANP32D	12	48866783	Classic_like
29985	ANP32D	12	48866783	Gbm

29986	ANP32D	12	48866783	IDHwt
29987	ANP32D	12	48866783	IDHwt_priGBM
29988	ANP32D	12	48866783	LGG GBM
29989	OR8S1	12	48919895	melanoma
29990	OR8S1	12	48919977	melanoma
29991	OR8S1	12	48919977	melanoma
29992	ADCY6	12	49169790	melanoma
29993	ADCY6	12	49177133	lung
29994	ADCY6	12	49177133	lung
29995	CACNB3	12	49218469	Gbm
29996	CACNB3	12	49218469	IDHwt
29997	CACNB3	12	49218469	IDHwt_priGBM
29998	CACNB3	12	49218469	LGG GBM
29999	CACNB3	12	49218469	Mesenchymal_like
30000	CACNB3	12	49218469	Neural
30001	CACNB3	12	49218469	IDHwt_priGBM2
30002	CACNB3	12	49221561	bladder
30003	RND1	12	49258640	melanoma
30004	WNT1	12	49373291	melanoma
30005	WNT1	12	49373291	melanoma
30006	DDN	12	49390662	melanoma
30007	DDN	12	49392030	melanoma
30008	KMT2D	12	49422627	lung
30009	KMT2D	12	49424191	melanoma
30010	KMT2D	12	49424191	melanoma
30011	KMT2D	12	49426562	IDHwt_priGBM2
30012	KMT2D	12	49431079	lung
30013	KMT2D	12	49431213	Astr
30014	KMT2D	12	49431213	Astr
30015	KMT2D	12	49431213	Astr
30016	KMT2D	12	49431213	Astr
30017	KMT2D	12	49431213	GCIMP_high
30018	KMT2D	12	49431213	GCIMP_high
30019	KMT2D	12	49431213	GCIMP_high
30020	KMT2D	12	49431213	GCIMP_high
30021	KMT2D	12	49431213	IDHmut
30022	KMT2D	12	49431213	IDHmut
30023	KMT2D	12	49431213	IDHmut
30024	KMT2D	12	49431213	IDHmut
30025	KMT2D	12	49431213	IDHmut_noncodel
30026	KMT2D	12	49431213	IDHmut_noncodel
30027	KMT2D	12	49431213	IDHmut_noncodel
30028	KMT2D	12	49431213	IDHmut_noncodel
30029	KMT2D	12	49431213	LGG GBM
30030	KMT2D	12	49431213	LGG GBM
30031	KMT2D	12	49431213	LGG GBM
30032	KMT2D	12	49431213	LGG GBM
30033	KMT2D	12	49431213	Proneural
30034	KMT2D	12	49431213	Proneural
30035	KMT2D	12	49431213	Proneural
30036	KMT2D	12	49431213	Proneural
30037	KMT2D	12	49432348	melanoma
30038	KMT2D	12	49445514	melanoma
30039	TUBA1A	12	49579328	melanoma
30040	TUBA1C	12	49666181	bladder
30041	TUBA1C	12	49666462	melanoma
30042	TUBA1C	12	49666462	melanoma
30043	TROAP	12	49723979	melanoma

30044	TROAP	12	49724273	melanoma
30045	C1QL4	12	49729966	melanoma
30046	SPATS2	12	49918489	melanoma
30047	SPATS2	12	49918552	bladder
30048	KCNH3	12	49935464	Codel
30049	KCNH3	12	49935464	IDHmut
30050	KCNH3	12	49935464	IDHmut_codel
30051	KCNH3	12	49935464	LGG GBM
30052	KCNH3	12	49935464	Oligo
30053	KCNH3	12	49935464	Proneural
30054	KCNH3	12	49942788	bladder
30055	KCNH3	12	49943253	melanoma
30056	MCRS1	12	49958280	lung
30057	MCRS1	12	49958280	lung
30058	MCRS1	12	49958280	lung
30059	MCRS1	12	49958280	lung
30060	FAM186B	12	49993630	melanoma
30061	FAM186B	12	49993630	melanoma
30062	PRPF40B	12	50024353	melanoma
30063	PRPF40B	12	50024353	melanoma
30064	PRPF40B	12	50035727	Codel
30065	PRPF40B	12	50035727	IDHmut
30066	PRPF40B	12	50035727	IDHmut_codel
30067	PRPF40B	12	50035727	LGG GBM
30068	PRPF40B	12	50035727	Neural
30069	PRPF40B	12	50035727	Oligo
30070	FMNL3	12	50044581	melanoma
30071	FMNL3	12	50044648	Astr
30072	FMNL3	12	50044648	GCIMP_high
30073	FMNL3	12	50044648	IDHmut
30074	FMNL3	12	50044648	IDHmut_noncodel
30075	FMNL3	12	50044648	LGG GBM
30076	FMNL3	12	50044648	Proneural
30077	NCKAP5L	12	50185650	melanoma
30078	NCKAP5L	12	50186502	melanoma
30079	NCKAP5L	12	50186502	melanoma
30080	NCKAP5L	12	50190558	melanoma
30081	NCKAP5L	12	50190558	melanoma
30082	FAIM2	12	50283912	melanoma
30083	FAIM2	12	50283912	melanoma
30084	FAIM2	12	50284871	melanoma
30085	FAIM2	12	50284871	melanoma
30086	FAIM2	12	50284871	melanoma
30087	AQP2	12	50344630	melanoma
30088	AQP2	12	50349300	IDHwt
30089	AQP2	12	50349300	LGG GBM
30090	AQP2	12	50349300	Oligo
30091	AQP2	12	50349300	PA_like
30092	ASIC1	12	50472220	melanoma
30093	ASIC1	12	50475346	melanoma
30094	LIMA1	12	50589640	melanoma
30095	FAM186A	12	50746759	melanoma
30096	FAM186A	12	50746836	melanoma
30097	LARP4	12	50821561	melanoma
30098	LARP4	12	50829330	melanoma
30099	LARP4	12	50847424	melanoma
30100	LARP4	12	50847424	melanoma
30101	LARP4	12	50847424	melanoma

30102	LARP4	12	50847424	melanoma
30103	DIP2B	12	51065119	lung
30104	DIP2B	12	51068347	melanoma
30105	DIP2B	12	51068347	melanoma
30106	DIP2B	12	51089141	lung
30107	DIP2B	12	51097950	melanoma
30108	DIP2B	12	51100393	bladder
30109	DIP2B	12	51108272	melanoma
30110	DIP2B	12	51108272	melanoma
30111	DIP2B	12	51122397	Gbm
30112	DIP2B	12	51122397	IDHwt
30113	DIP2B	12	51122397	IDHwt_priGBM
30114	DIP2B	12	51122397	LGG GBM
30115	DIP2B	12	51122397	Mesenchymal
30116	TMPRSS12	12	51281262	melanoma
30117	HIGD1C	12	51354786	melanoma
30118	CSRNP2	12	51457947	Classic
30119	CSRNP2	12	51457947	Classic
30120	CSRNP2	12	51457947	Gbm
30121	CSRNP2	12	51457947	Gbm
30122	CSRNP2	12	51457947	IDHwt
30123	CSRNP2	12	51457947	IDHwt
30124	CSRNP2	12	51457947	IDHwt_priGBM
30125	CSRNP2	12	51457947	IDHwt_priGBM
30126	CSRNP2	12	51457947	LGG GBM
30127	CSRNP2	12	51457947	LGG GBM
30128	POU6F1	12	51589769	melanoma
30129	CELA1	12	51737622	melanoma
30130	SLC4A8	12	51834504	melanoma
30131	SLC4A8	12	51834564	melanoma
30132	SLC4A8	12	51851146	melanoma
30133	SLC4A8	12	51864189	melanoma
30134	SLC4A8	12	51882630	melanoma
30135	SLC4A8	12	51887549	melanoma
30136	SLC4A8	12	51887549	melanoma
30137	SCN8A	12	52159671	lung
30138	SCN8A	12	52201098	melanoma
30139	ACVRL1	12	52312886	Gbm
30140	ACVRL1	12	52312886	IDHwt
30141	ACVRL1	12	52312886	IDHwt_priGBM
30142	ACVRL1	12	52312886	LGG GBM
30143	ACVRL1	12	52312886	Mesenchymal_like
30144	ACVRL1	12	52312886	Neural
30145	ACVR1B	12	52369232	lung
30146	NR4A1	12	52448773	melanoma
30147	NR4A1	12	52451276	melanoma
30148	NR4A1	12	52451276	melanoma
30149	NR4A1	12	52451276	melanoma
30150	ATG101	12	52467483	melanoma
30151	ATG101	12	52467483	melanoma
30152	ATG101	12	52467483	melanoma
30153	KRT80	12	52579169	lung
30154	KRT86	12	52698737	Codel
30155	KRT86	12	52698737	IDHmut
30156	KRT86	12	52698737	IDHmut_codel
30157	KRT86	12	52698737	LGG GBM
30158	KRT86	12	52698737	Oligo
30159	KRT86	12	52698737	Proneural

30160	KRT86	12	52699483	bladder
30161	KRT83	12	52709837	melanoma
30162	KRT85	12	52756078	melanoma
30163	KRT85	12	52756663	melanoma
30164	KRT84	12	52774929	melanoma
30165	KRT84	12	52776223	melanoma
30166	KRT84	12	52776842	melanoma
30167	KRT84	12	52777453	melanoma
30168	KRT84	12	52779080	melanoma
30169	KRT75	12	52820621	lung
30170	KRT75	12	52824357	Gbm
30171	KRT75	12	52824357	IDHwt
30172	KRT75	12	52824357	IDHwt_priGBM
30173	KRT75	12	52824357	LGG GBM
30174	KRT75	12	52824357	Mesenchymal_like
30175	KRT75	12	52825810	melanoma
30176	KRT75	12	52827988	melanoma
30177	KRT6B	12	52843396	Codel
30178	KRT6B	12	52843396	IDHmut
30179	KRT6B	12	52843396	IDHmut_codel
30180	KRT6B	12	52843396	LGG GBM
30181	KRT6B	12	52843396	Oligo
30182	KRT6B	12	52843396	Proneural
30183	KRT6A	12	52885418	melanoma
30184	KRT6A	12	52885418	melanoma
30185	KRT5	12	52908828	hnsc
30186	KRT5	12	52908998	melanoma
30187	KRT5	12	52909003	melanoma
30188	KRT5	12	52911483	melanoma
30189	KRT5	12	52911483	melanoma
30190	KRT5	12	52911483	melanoma
30191	KRT5	12	52913869	melanoma
30192	KRT71	12	52938416	melanoma
30193	KRT71	12	52942490	melanoma
30194	KRT71	12	52946639	Astr
30195	KRT71	12	52946639	Codel
30196	KRT71	12	52946639	IDHmut
30197	KRT71	12	52946639	IDHmut_codel
30198	KRT71	12	52946639	LGG GBM
30199	KRT71	12	52946639	Neural
30200	KRT74	12	52964563	Classic
30201	KRT74	12	52964563	Classic_like
30202	KRT74	12	52964563	Gbm
30203	KRT74	12	52964563	IDHwt
30204	KRT74	12	52964563	IDHwt_priGBM
30205	KRT74	12	52964563	LGG GBM
30206	KRT72	12	52994950	melanoma
30207	KRT73	12	53009083	melanoma
30208	KRT73	12	53012113	Codel
30209	KRT73	12	53012113	Codel
30210	KRT73	12	53012113	IDHmut
30211	KRT73	12	53012113	IDHmut
30212	KRT73	12	53012113	IDHmut_codel
30213	KRT73	12	53012113	IDHmut_codel
30214	KRT73	12	53012113	LGG GBM
30215	KRT73	12	53012113	LGG GBM
30216	KRT73	12	53012113	Oligo
30217	KRT73	12	53012113	Oligo

30218	KRT73	12	53012113	Proneural
30219	KRT73	12	53012113	Proneural
30220	KRT2	12	53045805	melanoma
30221	KRT2	12	53045805	melanoma
30222	KRT1	12	53070916	melanoma
30223	KRT1	12	53072470	Gbm
30224	KRT1	12	53072470	IDHmut
30225	KRT1	12	53072470	IDHmut_noncodel
30226	KRT1	12	53072470	LGG GBM
30227	KRT1	12	53072470	Neural
30228	KRT76	12	53162522	melanoma
30229	KRT76	12	53162522	melanoma
30230	KRT3	12	53186060	melanoma
30231	KRT3	12	53189442	melanoma
30232	KRT4	12	53205668	melanoma
30233	KRT4	12	53205688	melanoma
30234	KRT4	12	53205688	melanoma
30235	KRT4	12	53205688	melanoma
30236	KRT79	12	53217720	Gbm
30237	KRT79	12	53217720	IDHwt
30238	KRT79	12	53217720	IDHwt_priGBM
30239	KRT79	12	53217720	LGG GBM
30240	KRT79	12	53217720	Neural
30241	KRT79	12	53217736	melanoma
30242	KRT79	12	53217736	melanoma
30243	KRT79	12	53217736	melanoma
30244	KRT79	12	53227617	melanoma
30245	KRT8	12	53292652	melanoma
30246	KRT8	12	53294404	melanoma
30247	KRT8	12	53298540	melanoma
30248	EIF4B	12	53412741	GCIMP_high
30249	EIF4B	12	53412741	GCIMP_high
30250	EIF4B	12	53412741	IDHmut
30251	EIF4B	12	53412741	IDHmut
30252	EIF4B	12	53412741	IDHmut_noncodel
30253	EIF4B	12	53412741	IDHmut_noncodel
30254	EIF4B	12	53412741	LGG GBM
30255	EIF4B	12	53412741	LGG GBM
30256	EIF4B	12	53412741	Proneural
30257	EIF4B	12	53412741	Proneural
30258	EIF4B	12	53415626	lung
30259	EIF4B	12	53428461	bladder
30260	TNS2	12	53454533	melanoma
30261	TNS2	12	53454832	melanoma
30262	SOAT2	12	53517583	Astr
30263	SOAT2	12	53517583	Astr
30264	SOAT2	12	53517583	GCIMP_high
30265	SOAT2	12	53517583	GCIMP_high
30266	SOAT2	12	53517583	IDHmut
30267	SOAT2	12	53517583	IDHmut
30268	SOAT2	12	53517583	IDHmut_noncodel
30269	SOAT2	12	53517583	IDHmut_noncodel
30270	SOAT2	12	53517583	LGG GBM
30271	SOAT2	12	53517583	LGG GBM
30272	SOAT2	12	53517583	Proneural
30273	SOAT2	12	53517583	Proneural
30274	CSAD	12	53567136	melanoma
30275	ITGB7	12	53589914	melanoma

30276	RARG	12	53605596	melanoma
30277	RARG	12	53607884	lung
30278	MFSD5	12	53647244	melanoma
30279	MFSD5	12	53647471	lung
30280	MFSD5	12	53647530	melanoma
30281	ESPL1	12	53663736	melanoma
30282	ESPL1	12	53682468	melanoma
30283	PFDN5	12	53689386	lung
30284	AAAS	12	53708124	melanoma
30285	AAAS	12	53708124	melanoma
30286	AAAS	12	53708124	melanoma
30287	SP7	12	53722946	melanoma
30288	SP1	12	53777023	melanoma
30289	SP1	12	53777023	melanoma
30290	SP1	12	53804896	Gbm
30291	SP1	12	53804896	GCIMP_high
30292	SP1	12	53804896	IDHmut
30293	SP1	12	53804896	IDHmut_noncodel
30294	SP1	12	53804896	LGG GBM
30295	AMHR2	12	53819627	melanoma
30296	PCBP2	12	53861039	melanoma
30297	MAP3K12	12	53881148	melanoma
30298	MAP3K12	12	53881148	melanoma
30299	ATP5G2	12	54063049	melanoma
30300	CALCOCO1	12	54107648	melanoma
30301	HOXC13	12	54338909	melanoma
30302	HOXC11	12	54367033	melanoma
30303	HOXC11	12	54367033	melanoma
30304	HOXC8	12	54403226	bladder
30305	CBX5	12	54651301	melanoma
30306	HNRNPA1	12	54676067	melanoma
30307	HNRNPA1	12	54676067	melanoma
30308	HNRNPA1	12	54676417	lung
30309	HNRNPA1	12	54676919	lung
30310	GPR84	12	54756624	melanoma
30311	ZNF385A	12	54764844	melanoma
30312	ZNF385A	12	54764844	melanoma
30313	NCKAP1L	12	54903650	melanoma
30314	NCKAP1L	12	54911640	lung
30315	NCKAP1L	12	54912496	melanoma
30316	NCKAP1L	12	54912496	melanoma
30317	NCKAP1L	12	54917658	melanoma
30318	NCKAP1L	12	54936426	melanoma
30319	NCKAP1L	12	54936426	melanoma
30320	PDE1B	12	54963132	melanoma
30321	PDE1B	12	54970381	melanoma
30322	LACRT	12	55026999	melanoma
30323	LACRT	12	55026999	melanoma
30324	MUCL1	12	55248404	melanoma
30325	TESPA1	12	55356408	melanoma
30326	TESPA1	12	55356583	melanoma
30327	TESPA1	12	55356583	melanoma
30328	TESPA1	12	55357642	melanoma
30329	NEUROD4	12	55420279	melanoma
30330	NEUROD4	12	55420887	melanoma
30331	NEUROD4	12	55420887	melanoma
30332	NEUROD4	12	55421113	melanoma
30333	NEUROD4	12	55421113	melanoma

30334	OR9K2	12	55524375	IDHwt
30335	OR9K2	12	55524375	LGG GBM
30336	OR9K2	12	55524375	Mesenchymal_like
30337	OR9K2	12	55524375	Oligo
30338	OR10A7	12	55615265	lung
30339	OR10A7	12	55615265	lung
30340	OR10A7	12	55615326	melanoma
30341	OR6C74	12	55641256	melanoma
30342	OR6C74	12	55641301	bladder
30343	OR6C74	12	55641790	Gbm
30344	OR6C74	12	55641790	IDHwt
30345	OR6C74	12	55641790	IDHwt_priGBM
30346	OR6C74	12	55641790	LGG GBM
30347	OR6C74	12	55641790	Mesenchymal
30348	OR6C74	12	55641882	melanoma
30349	OR6C74	12	55641882	melanoma
30350	OR6C74	12	55641904	melanoma
30351	OR6C74	12	55641904	melanoma
30352	OR6C74	12	55641904	melanoma
30353	OR6C6	12	55688088	melanoma
30354	OR6C1	12	55714592	Classic_like
30355	OR6C1	12	55714592	IDHwt
30356	OR6C1	12	55714592	LGG GBM
30357	OR6C3	12	55725675	melanoma
30358	OR6C3	12	55725675	melanoma
30359	OR6C3	12	55726221	melanoma
30360	OR6C3	12	55726221	melanoma
30361	OR6C3	12	55726368	melanoma
30362	OR6C75	12	55759574	melanoma
30363	OR6C65	12	55794361	melanoma
30364	OR6C65	12	55794622	melanoma
30365	OR6C76	12	55820203	melanoma
30366	OR6C76	12	55820204	melanoma
30367	OR6C76	12	55820204	melanoma
30368	OR6C2	12	55846307	melanoma
30369	OR6C2	12	55846307	melanoma
30370	OR6C2	12	55846322	melanoma
30371	OR6C2	12	55846562	melanoma
30372	OR6C2	12	55846632	Codel
30373	OR6C2	12	55846632	Codel
30374	OR6C2	12	55846632	Codel
30375	OR6C2	12	55846632	Codel
30376	OR6C2	12	55846632	Codel
30377	OR6C2	12	55846632	IDHmut
30378	OR6C2	12	55846632	IDHmut
30379	OR6C2	12	55846632	IDHmut
30380	OR6C2	12	55846632	IDHmut
30381	OR6C2	12	55846632	IDHmut
30382	OR6C2	12	55846632	IDHmut_codel
30383	OR6C2	12	55846632	IDHmut_codel
30384	OR6C2	12	55846632	IDHmut_codel
30385	OR6C2	12	55846632	IDHmut_codel
30386	OR6C2	12	55846632	IDHmut_codel
30387	OR6C2	12	55846632	LGG GBM
30388	OR6C2	12	55846632	LGG GBM
30389	OR6C2	12	55846632	LGG GBM
30390	OR6C2	12	55846632	LGG GBM
30391	OR6C2	12	55846632	LGG GBM

30392	OR6C2	12	55846632	Oligo
30393	OR6C2	12	55846632	Oligo
30394	OR6C2	12	55846632	Oligo
30395	OR6C2	12	55846632	Oligo
30396	OR6C2	12	55846632	Oligo
30397	OR6C2	12	55846632	Proneural
30398	OR6C2	12	55846632	Proneural
30399	OR6C2	12	55846632	Proneural
30400	OR6C2	12	55846632	Proneural
30401	OR6C2	12	55846632	Proneural
30402	OR6C70	12	55863199	melanoma
30403	OR6C70	12	55863274	melanoma
30404	OR6C70	12	55863417	melanoma
30405	OR6C70	12	55863417	melanoma
30406	OR6C70	12	55863565	melanoma
30407	OR6C70	12	55863565	melanoma
30408	OR6C68	12	55886216	melanoma
30409	OR6C68	12	55886516	melanoma
30410	OR6C68	12	55886519	melanoma
30411	OR6C68	12	55886901	bladder
30412	OR6C68	12	55886901	bladder
30413	OR6C68	12	55886901	bladder
30414	OR6C4	12	55945126	melanoma
30415	OR6C4	12	55945126	melanoma
30416	OR6C4	12	55945126	melanoma
30417	OR6C4	12	55945126	melanoma
30418	OR6C4	12	55945614	Classic
30419	OR6C4	12	55945614	Classic like
30420	OR6C4	12	55945614	Gbm
30421	OR6C4	12	55945614	IDHwt
30422	OR6C4	12	55945614	IDHwt_priGBM
30423	OR6C4	12	55945614	LGG GBM
30424	OR6C4	12	55945843	melanoma
30425	OR2AP1	12	55968383	hnsc
30426	OR2AP1	12	55968383	hnsc
30427	OR10P1	12	56031302	melanoma
30428	ITGA7	12	56096685	melanoma
30429	RDH5	12	56118162	GCIMP_high
30430	RDH5	12	56118162	IDHmut
30431	RDH5	12	56118162	IDHmut_noncodel
30432	RDH5	12	56118162	LGG GBM
30433	RDH5	12	56118162	Proneural
30434	GDF11	12	56142390	lung
30435	DNAJC14	12	56216941	bladder
30436	MMP19	12	56234480	melanoma
30437	PMEL	12	56351300	melanoma
30438	IKZF4	12	56428750	melanoma
30439	ERBB3	12	56492646	melanoma
30440	PA2G4	12	56501023	lung
30441	ESYT1	12	56527405	melanoma
30442	ESYT1	12	56527604	lung
30443	SMARCC2	12	56566475	melanoma
30444	ANKRD52	12	56647118	melanoma
30445	ANKRD52	12	56647545	melanoma
30446	ANKRD52	12	56650822	melanoma
30447	PAN2	12	56713165	lung
30448	PAN2	12	56721186	melanoma
30449	STAT2	12	56742988	melanoma

30450	APOF	12	56755271	melanoma
30451	TIMELESS	12	56827401	melanoma
30452	MIP	12	56847485	melanoma
30453	MIP	12	56848339	melanoma
30454	GLS2	12	56867264	melanoma
30455	GLS2	12	56868404	melanoma
30456	RBMS2	12	56981390	melanoma
30457	BAZ2A	12	56998880	Astr
30458	BAZ2A	12	56998880	GCIMP_high
30459	BAZ2A	12	56998880	IDHmut
30460	BAZ2A	12	56998880	IDHmut_noncodel
30461	BAZ2A	12	56998880	LGG GBM
30462	BAZ2A	12	57005685	Gbm
30463	BAZ2A	12	57005685	IDHwt
30464	BAZ2A	12	57005685	IDHwt_priGBM
30465	BAZ2A	12	57005685	LGG GBM
30466	BAZ2A	12	57005685	Mesenchymal
30467	BAZ2A	12	57005748	lung
30468	BAZ2A	12	57005748	lung
30469	ATP5B	12	57033852	melanoma
30470	ATP5B	12	57037211	bladder
30471	ATP5B	12	57037300	melanoma
30472	NACA	12	57115067	melanoma
30473	ZBTB39	12	57397600	melanoma
30474	ZBTB39	12	57397761	melanoma
30475	ZBTB39	12	57397761	melanoma
30476	MYO1A	12	57440698	melanoma
30477	STAT6	12	57490672	Gbm
30478	STAT6	12	57490672	Gbm
30479	STAT6	12	57490672	IDHwt
30480	STAT6	12	57490672	IDHwt
30481	STAT6	12	57490672	IDHwt_priGBM
30482	STAT6	12	57490672	IDHwt_priGBM
30483	STAT6	12	57490672	LGG GBM
30484	STAT6	12	57490672	LGG GBM
30485	STAT6	12	57490672	LGm6_GBM
30486	STAT6	12	57490672	LGm6_GBM
30487	STAT6	12	57500101	melanoma
30488	LRP1	12	57552342	Astr
30489	LRP1	12	57552342	GCIMP_low
30490	LRP1	12	57552342	IDHmut
30491	LRP1	12	57552342	IDHmut_noncodel
30492	LRP1	12	57552342	LGG GBM
30493	LRP1	12	57567001	lung
30494	LRP1	12	57569342	melanoma
30495	LRP1	12	57577567	melanoma
30496	LRP1	12	57577906	melanoma
30497	LRP1	12	57577906	melanoma
30498	LRP1	12	57577906	melanoma
30499	LRP1	12	57579527	melanoma
30500	LRP1	12	57586737	Astr
30501	LRP1	12	57586737	GCIMP_high
30502	LRP1	12	57586737	IDHmut
30503	LRP1	12	57586737	IDHmut_noncodel
30504	LRP1	12	57586737	LGG GBM
30505	LRP1	12	57586737	Proneural
30506	LRP1	12	57592089	melanoma
30507	LRP1	12	57592444	melanoma

30508	SHMT2	12	57624676	melanoma
30509	STAC3	12	57641966	bladder
30510	STAC3	12	57641966	bladder
30511	STAC3	12	57641966	bladder
30512	R3HDM2	12	57648700	melanoma
30513	R3HDM2	12	57648700	melanoma
30514	R3HDM2	12	57677771	melanoma
30515	INHBE	12	57850035	melanoma
30516	GLI1	12	57858621	melanoma
30517	GLI1	12	57861990	Classic_like
30518	GLI1	12	57861990	Gbm
30519	GLI1	12	57861990	IDHwt
30520	GLI1	12	57861990	IDHwt_priGBM
30521	GLI1	12	57861990	LGG GBM
30522	GLI1	12	57863263	Classic_like
30523	GLI1	12	57863263	Gbm
30524	GLI1	12	57863263	IDHwt
30525	GLI1	12	57863263	IDHwt_priGBM
30526	GLI1	12	57863263	LGG GBM
30527	GLI1	12	57863263	Mesenchymal
30528	GLI1	12	57864343	melanoma
30529	GLI1	12	57865384	melanoma
30530	GLI1	12	57865609	melanoma
30531	ARHGAP9	12	57866350	melanoma
30532	ARHGAP9	12	57866350	melanoma
30533	ARHGAP9	12	57872879	melanoma
30534	MBD6	12	57918821	melanoma
30535	MBD6	12	57920741	melanoma
30536	MBD6	12	57920865	melanoma
30537	DCTN2	12	57929272	bladder
30538	KIF5A	12	57958728	melanoma
30539	KIF5A	12	57966462	melanoma
30540	PIP4K2C	12	57993205	melanoma
30541	PIP4K2C	12	57994645	Gbm
30542	PIP4K2C	12	57994645	Gbm
30543	PIP4K2C	12	57994645	IDHwt
30544	PIP4K2C	12	57994645	IDHwt
30545	PIP4K2C	12	57994645	IDHwt_priGBM
30546	PIP4K2C	12	57994645	IDHwt_priGBM
30547	PIP4K2C	12	57994645	LGG GBM
30548	PIP4K2C	12	57994645	LGG GBM
30549	PIP4K2C	12	57994645	Proneural
30550	PIP4K2C	12	57994645	Proneural
30551	PIP4K2C	12	57994848	Gbm
30552	PIP4K2C	12	57994848	IDHwt
30553	PIP4K2C	12	57994848	IDHwt_priGBM
30554	PIP4K2C	12	57994848	LGG GBM
30555	PIP4K2C	12	57994848	Proneural
30556	DTX3	12	58000851	melanoma
30557	SLC26A10	12	58014190	Classic
30558	SLC26A10	12	58014190	Classic_like
30559	SLC26A10	12	58014190	Gbm
30560	SLC26A10	12	58014190	IDHwt
30561	SLC26A10	12	58014190	IDHwt_priGBM
30562	SLC26A10	12	58014190	LGG GBM
30563	B4GALNT1	12	58020574	Classic
30564	B4GALNT1	12	58020574	Classic
30565	B4GALNT1	12	58020574	Classic

30566	B4GALNT1	12	58020574	Classic_like
30567	B4GALNT1	12	58020574	Classic_like
30568	B4GALNT1	12	58020574	Classic_like
30569	B4GALNT1	12	58020574	Gbm
30570	B4GALNT1	12	58020574	Gbm
30571	B4GALNT1	12	58020574	Gbm
30572	B4GALNT1	12	58020574	IDHwt
30573	B4GALNT1	12	58020574	IDHwt
30574	B4GALNT1	12	58020574	IDHwt
30575	B4GALNT1	12	58020574	IDHwt_priGBM
30576	B4GALNT1	12	58020574	IDHwt_priGBM
30577	B4GALNT1	12	58020574	IDHwt_priGBM
30578	B4GALNT1	12	58020574	LGG GBM
30579	B4GALNT1	12	58020574	LGG GBM
30580	B4GALNT1	12	58020574	LGG GBM
30581	B4GALNT1	12	58025091	melanoma
30582	AGAP2	12	58128450	melanoma
30583	AGAP2	12	58135776	melanoma
30584	AGAP2	12	58135776	melanoma
30585	TSPAN31	12	58140861	melanoma
30586	TSPAN31	12	58140861	melanoma
30587	CYP27B1	12	58160688	melanoma
30588	CYP27B1	12	58160688	melanoma
30589	CYP27B1	12	58160769	melanoma
30590	EEF1AKMT3	12	58166580	bladder
30591	AVIL	12	58191711	melanoma
30592	AVIL	12	58191711	melanoma
30593	AVIL	12	58202039	melanoma
30594	LRIG3	12	59270251	Classic
30595	LRIG3	12	59270251	Gbm
30596	LRIG3	12	59270251	IDHwt
30597	LRIG3	12	59270251	IDHwt_priGBM
30598	LRIG3	12	59270251	LGG GBM
30599	LRIG3	12	59270251	Mesenchymal_like
30600	LRIG3	12	59270265	lung
30601	LRIG3	12	59274366	melanoma
30602	LRIG3	12	59274366	melanoma
30603	LRIG3	12	59284465	melanoma
30604	SLC16A7	12	60169049	melanoma
30605	SLC16A7	12	60169124	melanoma
30606	SLC16A7	12	60169124	melanoma
30607	FAM19A2	12	62148667	melanoma
30608	USP15	12	62778015	Classic
30609	USP15	12	62778015	Gbm
30610	USP15	12	62778015	IDHwt
30611	USP15	12	62778015	IDHwt_priGBM
30612	USP15	12	62778015	LGG GBM
30613	USP15	12	62778015	Mesenchymal_like
30614	USP15	12	62784697	melanoma
30615	MON2	12	62887803	melanoma
30616	MON2	12	62887803	melanoma
30617	MON2	12	62887803	melanoma
30618	MON2	12	62926237	melanoma
30619	MON2	12	62931466	melanoma
30620	MON2	12	62959099	melanoma
30621	MON2	12	62959099	melanoma
30622	PPM1H	12	63195801	melanoma
30623	PPM1H	12	63195840	Codel

30624	PPM1H	12	63195840	Codel
30625	PPM1H	12	63195840	IDHmut
30626	PPM1H	12	63195840	IDHmut
30627	PPM1H	12	63195840	IDHmut_codel
30628	PPM1H	12	63195840	IDHmut_codel
30629	PPM1H	12	63195840	LGG GBM
30630	PPM1H	12	63195840	LGG GBM
30631	PPM1H	12	63195840	Oligo
30632	PPM1H	12	63195840	Oligo
30633	PPM1H	12	63328315	melanoma
30634	AVPR1A	12	63543965	Codel
30635	AVPR1A	12	63543965	Codel
30636	AVPR1A	12	63543965	IDHmut
30637	AVPR1A	12	63543965	IDHmut
30638	AVPR1A	12	63543965	IDHmut_codel
30639	AVPR1A	12	63543965	IDHmut_codel
30640	AVPR1A	12	63543965	LGG GBM
30641	AVPR1A	12	63543965	LGG GBM
30642	AVPR1A	12	63543965	Oligo
30643	AVPR1A	12	63543965	Oligo
30644	AVPR1A	12	63543965	Proneural
30645	AVPR1A	12	63543965	Proneural
30646	DPY19L2	12	63991612	melanoma
30647	SRGAP1	12	64472822	lung
30648	C12orf66	12	64609461	melanoma
30649	C12orf66	12	64609461	melanoma
30650	C12orf66	12	64609461	melanoma
30651	C12orf66	12	64609461	melanoma
30652	C12orf66	12	64609630	melanoma
30653	C12orf66	12	64609630	melanoma
30654	C12orf56	12	64664452	bladder
30655	XPOT	12	64808718	melanoma
30656	XPOT	12	64808718	melanoma
30657	XPOT	12	64808718	melanoma
30658	XPOT	12	64814030	melanoma
30659	XPOT	12	64818928	melanoma
30660	XPOT	12	64819161	melanoma
30661	XPOT	12	64819161	melanoma
30662	GNS	12	65137073	melanoma
30663	LEMD3	12	65564470	melanoma
30664	LEMD3	12	65564557	melanoma
30665	LEMD3	12	65609772	melanoma
30666	LEMD3	12	65609772	melanoma
30667	LEMD3	12	65640064	melanoma
30668	MSRB3	12	65857011	melanoma
30669	MSRB3	12	65857011	melanoma
30670	IRAK3	12	66605270	melanoma
30671	IRAK3	12	66622147	melanoma
30672	IRAK3	12	66638280	Astr
30673	IRAK3	12	66638280	GCIMP_low
30674	IRAK3	12	66638280	IDHmut
30675	IRAK3	12	66638280	IDHmut_noncodel
30676	IRAK3	12	66638280	LGG GBM
30677	IRAK3	12	66638947	melanoma
30678	HELB	12	66698652	melanoma
30679	HELB	12	66698652	melanoma
30680	HELB	12	66698652	melanoma
30681	HELB	12	66725163	melanoma

30682	GRIP1	12	66773190	lung
30683	GRIP1	12	66773190	lung
30684	GRIP1	12	66773190	lung
30685	GRIP1	12	66786162	melanoma
30686	GRIP1	12	66849275	melanoma
30687	GRIP1	12	66909479	Codel
30688	GRIP1	12	66909479	IDHmut
30689	GRIP1	12	66909479	IDHmut_codel
30690	GRIP1	12	66909479	LGG GBM
30691	GRIP1	12	66909479	Proneural
30692	GRIP1	12	66923667	melanoma
30693	GRIP1	12	66935617	Classic_like
30694	GRIP1	12	66935617	Gbm
30695	GRIP1	12	66935617	IDHwt
30696	GRIP1	12	66935617	IDHwt_priGBM
30697	GRIP1	12	66935617	LGG GBM
30698	CAND1	12	67698430	lung
30699	CAND1	12	67700371	lung
30700	DYRK2	12	68052072	melanoma
30701	IL26	12	68619487	Classic
30702	IL26	12	68619487	Gbm
30703	IL26	12	68619487	IDHwt
30704	IL26	12	68619487	IDHwt_priGBM
30705	IL26	12	68619487	LGG GBM
30706	IL26	12	68619487	Mesenchymal_like
30707	MDM1	12	68708905	lung
30708	MDM1	12	68708932	lung
30709	RAP1B	12	69047982	hnsc
30710	RAP1B	12	69047982	hnsc
30711	RAP1B	12	69047982	hnsc
30712	NUP107	12	69127276	melanoma
30713	SLC35E3	12	69145950	melanoma
30714	SLC35E3	12	69145959	melanoma
30715	MDM2	12	69233511	melanoma
30716	CPM	12	69264105	melanoma
30717	CPSF6	12	69651617	melanoma
30718	CPSF6	12	69653833	Gbm
30719	CPSF6	12	69653833	Gbm
30720	CPSF6	12	69653833	Gbm
30721	CPSF6	12	69653833	IDHwt
30722	CPSF6	12	69653833	IDHwt
30723	CPSF6	12	69653833	IDHwt
30724	CPSF6	12	69653833	IDHwt_priGBM
30725	CPSF6	12	69653833	IDHwt_priGBM
30726	CPSF6	12	69653833	IDHwt_priGBM
30727	CPSF6	12	69653833	LGG GBM
30728	CPSF6	12	69653833	LGG GBM
30729	CPSF6	12	69653833	LGG GBM
30730	CPSF6	12	69653833	Proneural
30731	CPSF6	12	69653833	Proneural
30732	CPSF6	12	69653833	Proneural
30733	FRS2	12	69967998	melanoma
30734	CCT2	12	69992180	melanoma
30735	CCT2	12	69992180	melanoma
30736	BEST3	12	70066679	melanoma
30737	BEST3	12	70087481	melanoma
30738	BEST3	12	70087510	lung
30739	BEST3	12	70087573	melanoma

30740	BEST3	12	70091476	melanoma
30741	BEST3	12	70091476	melanoma
30742	RAB3IP	12	70150379	melanoma
30743	RAB3IP	12	70150379	melanoma
30744	RAB3IP	12	70150379	melanoma
30745	RAB3IP	12	70189005	lung
30746	RAB3IP	12	70194092	melanoma
30747	RAB3IP	12	70194092	melanoma
30748	MYRFL	12	70291009	hnsc
30749	MYRFL	12	70291009	hnsc
30750	MYRFL	12	70291009	hnsc
30751	MYRFL	12	70330362	melanoma
30752	CNOT2	12	70713109	Codel
30753	CNOT2	12	70713109	IDHmut
30754	CNOT2	12	70713109	IDHmut_codel
30755	CNOT2	12	70713109	LGG GBM
30756	CNOT2	12	70713109	Proneural
30757	CNOT2	12	70726620	melanoma
30758	CNOT2	12	70732315	Classic
30759	CNOT2	12	70732315	Classic_like
30760	CNOT2	12	70732315	Gbm
30761	CNOT2	12	70732315	IDHwt
30762	CNOT2	12	70732315	IDHwt_priGBM
30763	CNOT2	12	70732315	LGG GBM
30764	KCNMB4	12	70824287	melanoma
30765	KCNMB4	12	70824296	melanoma
30766	PTPRB	12	70933785	melanoma
30767	PTPRB	12	70946639	lung
30768	PTPRB	12	70946758	melanoma
30769	PTPRB	12	70948961	melanoma
30770	PTPRB	12	70949697	melanoma
30771	PTPRB	12	70956675	melanoma
30772	PTPRB	12	70965706	melanoma
30773	PTPRB	12	70980967	melanoma
30774	PTPRB	12	70980967	melanoma
30775	PTPRB	12	70981006	melanoma
30776	PTPRB	12	70983944	melanoma
30777	PTPRB	12	70983944	melanoma
30778	PTPRB	12	71029513	lung
30779	PTPRB	12	71029513	lung
30780	PTPRB	12	71029513	lung
30781	PTPRB	12	71029666	melanoma
30782	PTPRB	12	71029666	melanoma
30783	PTPRR	12	71032989	melanoma
30784	PTPRR	12	71077918	hnsc
30785	PTPRR	12	71286587	Gbm
30786	PTPRR	12	71286587	IDHwt
30787	PTPRR	12	71286587	IDHwt_priGBM
30788	PTPRR	12	71286587	LGG GBM
30789	PTPRR	12	71286587	Mesenchymal
30790	PTPRR	12	71286587	Mesenchymal_like
30791	PTPRR	12	71286745	melanoma
30792	PTPRR	12	71286745	melanoma
30793	PTPRR	12	71286745	melanoma
30794	LGR5	12	71834008	melanoma
30795	LGR5	12	71898458	melanoma
30796	LGR5	12	71974099	melanoma
30797	LGR5	12	71977544	melanoma

30798	LGR5	12	71977544	melanoma
30799	LGR5	12	71977559	melanoma
30800	LGR5	12	71978453	Codel
30801	LGR5	12	71978453	IDHmut
30802	LGR5	12	71978453	IDHmut_codel
30803	LGR5	12	71978453	LGG GBM
30804	LGR5	12	71978453	Oligo
30805	LGR5	12	71978453	Proneural
30806	ZFC3H1	12	72024700	melanoma
30807	ZFC3H1	12	72024708	lung
30808	ZFC3H1	12	72025609	melanoma
30809	ZFC3H1	12	72025609	melanoma
30810	ZFC3H1	12	72025610	melanoma
30811	TMEM19	12	72083391	melanoma
30812	TMEM19	12	72083391	melanoma
30813	TPH2	12	72372777	melanoma
30814	TPH2	12	72425425	lung
30815	TRHDE	12	72680465	melanoma
30816	TRHDE	12	72680511	lung
30817	TRHDE	12	73012789	melanoma
30818	TRHDE	12	73046818	Classic
30819	TRHDE	12	73046818	Classic_like
30820	TRHDE	12	73046818	Gbm
30821	TRHDE	12	73046818	IDHwt
30822	TRHDE	12	73046818	IDHwt_priGBM
30823	TRHDE	12	73046818	LGG GBM
30824	KCNC2	12	75441962	Gbm
30825	KCNC2	12	75441962	IDHwt
30826	KCNC2	12	75441962	IDHwt_priGBM
30827	KCNC2	12	75441962	LGG GBM
30828	KCNC2	12	75441962	Mesenchymal
30829	KCNC2	12	75441962	Mesenchymal_like
30830	KCNC2	12	75444575	Classic
30831	KCNC2	12	75444575	Gbm
30832	KCNC2	12	75444575	IDHwt
30833	KCNC2	12	75444575	IDHwt_priGBM
30834	KCNC2	12	75444575	LGG GBM
30835	KCNC2	12	75444937	lung
30836	KCNC2	12	75444998	melanoma
30837	KCNC2	12	75444998	melanoma
30838	CAPS2	12	75720206	melanoma
30839	GLIPR1L2	12	75784976	lung
30840	GLIPR1	12	75874782	Classic
30841	GLIPR1	12	75874782	Classic_like
30842	GLIPR1	12	75874782	Gbm
30843	GLIPR1	12	75874782	IDHwt
30844	GLIPR1	12	75874782	IDHwt_priGBM
30845	GLIPR1	12	75874782	LGG GBM
30846	PHLDA1	12	76424413	Classic
30847	PHLDA1	12	76424413	Classic_like
30848	PHLDA1	12	76424413	Gbm
30849	PHLDA1	12	76424413	IDHwt
30850	PHLDA1	12	76424413	IDHwt_priGBM
30851	PHLDA1	12	76424413	LGG GBM
30852	BBS10	12	76739993	melanoma
30853	E2F7	12	77458367	melanoma
30854	NAV3	12	78452844	melanoma
30855	NAV3	12	78452844	melanoma

30856	NAV3	12	78452844	melanoma
30857	NAV3	12	78515803	melanoma
30858	NAV3	12	78542628	melanoma
30859	NAV3	12	78562541	melanoma
30860	NAV3	12	78583958	lung
30861	SYT1	12	79611463	melanoma
30862	SYT1	12	79679593	melanoma
30863	SYT1	12	79689987	melanoma
30864	SYT1	12	79689987	melanoma
30865	SYT1	12	79689987	melanoma
30866	SYT1	12	79689987	melanoma
30867	SYT1	12	79837949	melanoma
30868	PPP1R12A	12	80190702	melanoma
30869	PPP1R12A	12	80190702	melanoma
30870	OTOGL	12	80650225	melanoma
30871	OTOGL	12	80672872	Gbm
30872	OTOGL	12	80672872	IDHwt
30873	OTOGL	12	80672872	IDHwt_priGBM
30874	OTOGL	12	80672872	LGG GBM
30875	OTOGL	12	80672872	Mesenchymal_like
30876	OTOGL	12	80714217	melanoma
30877	OTOGL	12	80726790	melanoma
30878	OTOGL	12	80729758	melanoma
30879	OTOGL	12	80729758	melanoma
30880	OTOGL	12	80729758	melanoma
30881	OTOGL	12	80729758	melanoma
30882	OTOGL	12	80730229	lung
30883	OTOGL	12	80733003	melanoma
30884	OTOGL	12	80750634	melanoma
30885	OTOGL	12	80750664	melanoma
30886	PTPRQ	12	80838573	melanoma
30887	PTPRQ	12	80899893	melanoma
30888	PTPRQ	12	81007461	melanoma
30889	MYF6	12	81101892	melanoma
30890	MYF5	12	81111227	Classic_like
30891	MYF5	12	81111227	Gbm
30892	MYF5	12	81111227	IDHwt
30893	MYF5	12	81111227	IDHwt_priGBM
30894	MYF5	12	81111227	LGG GBM
30895	MYF5	12	81111227	Mesenchymal
30896	LIN7A	12	81239571	melanoma
30897	LIN7A	12	81239571	melanoma
30898	LIN7A	12	81239601	melanoma
30899	LIN7A	12	81242061	melanoma
30900	LIN7A	12	81331486	lung
30901	LIN7A	12	81331486	lung
30902	LIN7A	12	81331486	lung
30903	ACSS3	12	81503434	melanoma
30904	ACSS3	12	81503434	melanoma
30905	ACSS3	12	81528673	melanoma
30906	ACSS3	12	81533033	melanoma
30907	ACSS3	12	81610767	melanoma
30908	ACSS3	12	81610767	melanoma
30909	ACSS3	12	81610767	melanoma
30910	ACSS3	12	81647159	melanoma
30911	ACSS3	12	81647382	GCIMP_high
30912	ACSS3	12	81647382	IDHmut
30913	ACSS3	12	81647382	IDHmut_noncodel

30914	ACSS3	12	81647382	LGG GBM
30915	ACSS3	12	81647382	Neural
30916	ACSS3	12	81647382	OligoAstr
30917	PPFIA2	12	81660741	melanoma
30918	PPFIA2	12	81746905	melanoma
30919	PPFIA2	12	81747072	Gbm
30920	PPFIA2	12	81747072	Gbm
30921	PPFIA2	12	81747072	IDHwt
30922	PPFIA2	12	81747072	IDHwt
30923	PPFIA2	12	81747072	IDHwt_priGBM
30924	PPFIA2	12	81747072	IDHwt_priGBM
30925	PPFIA2	12	81747072	LGG GBM
30926	PPFIA2	12	81747072	LGG GBM
30927	PPFIA2	12	81762595	melanoma
30928	CCDC59	12	82750847	melanoma
30929	METTL25	12	82824750	lung
30930	TMTC2	12	83251282	Astr
30931	TMTC2	12	83251282	Astr
30932	TMTC2	12	83251282	GCIMP_high
30933	TMTC2	12	83251282	GCIMP_high
30934	TMTC2	12	83251282	IDHmut
30935	TMTC2	12	83251282	IDHmut
30936	TMTC2	12	83251282	IDHmut_noncodel
30937	TMTC2	12	83251282	IDHmut_noncodel
30938	TMTC2	12	83251282	LGG GBM
30939	TMTC2	12	83251282	LGG GBM
30940	TMTC2	12	83251282	Neural
30941	TMTC2	12	83251282	Neural
30942	SLC6A15	12	85255434	lung
30943	SLC6A15	12	85266538	lung
30944	SLC6A15	12	85270346	Gbm
30945	SLC6A15	12	85270346	IDHwt
30946	SLC6A15	12	85270346	IDHwt_priGBM
30947	SLC6A15	12	85270346	LGG GBM
30948	SLC6A15	12	85270346	Mesenchymal
30949	SLC6A15	12	85270346	Mesenchymal_like
30950	LRRIQ1	12	85459121	melanoma
30951	LRRIQ1	12	85459121	melanoma
30952	LRRIQ1	12	85459121	melanoma
30953	LRRIQ1	12	85459134	melanoma
30954	LRRIQ1	12	85546125	bladder
30955	LRRIQ1	12	85546896	melanoma
30956	LRRIQ1	12	85546896	melanoma
30957	ALX1	12	85695012	melanoma
30958	RASSF9	12	86198989	melanoma
30959	RASSF9	12	86199268	melanoma
30960	RASSF9	12	86199585	melanoma
30961	RASSF9	12	86199595	melanoma
30962	MGAT4C	12	86374116	melanoma
30963	C12orf50	12	88376954	melanoma
30964	C12orf50	12	88379818	melanoma
30965	C12orf50	12	88380100	bladder
30966	C12orf50	12	88390356	melanoma
30967	C12orf29	12	88440652	melanoma
30968	CEP290	12	88472946	melanoma
30969	TMTC3	12	88548086	melanoma
30970	TMTC3	12	88566414	GCIMP_high
30971	TMTC3	12	88566414	IDHmut

30972	TMTC3	12	88566414	IDHmut_noncodel
30973	TMTC3	12	88566414	LGG GBM
30974	KITLG	12	88910254	melanoma
30975	KITLG	12	88939597	Classic
30976	KITLG	12	88939597	Classic_like
30977	KITLG	12	88939597	Gbm
30978	KITLG	12	88939597	LGG GBM
30979	ATP2B1	12	89985005	melanoma
30980	ATP2B1	12	90028968	lung
30981	ATP2B1	12	90028968	lung
30982	CCER1	12	91348191	Gbm
30983	CCER1	12	91348191	IDHwt
30984	CCER1	12	91348191	IDHwt_priGBM
30985	CCER1	12	91348191	LGG GBM
30986	CCER1	12	91348191	Mesenchymal
30987	CCER1	12	91348413	melanoma
30988	CCER1	12	91348413	melanoma
30989	EPYC	12	91357983	melanoma
30990	EPYC	12	91357983	melanoma
30991	EPYC	12	91363871	melanoma
30992	EPYC	12	91396315	melanoma
30993	KERA	12	91449643	melanoma
30994	KERA	12	91449643	melanoma
30995	KERA	12	91449827	melanoma
30996	KERA	12	91449827	melanoma
30997	LUM	12	91497971	Gbm
30998	LUM	12	91497971	IDHwt
30999	LUM	12	91497971	IDHwt_priGBM
31000	LUM	12	91497971	LGG GBM
31001	LUM	12	91497971	Mesenchymal
31002	LUM	12	91497971	Mesenchymal_like
31003	LUM	12	91502365	melanoma
31004	C12orf74	12	93100608	melanoma
31005	C12orf74	12	93100621	melanoma
31006	C12orf74	12	93100667	melanoma
31007	PLEKHG7	12	93135355	melanoma
31008	EEA1	12	93236252	bladder
31009	NUDT4	12	93793110	melanoma
31010	SOCS2	12	93968803	melanoma
31011	PLXNC1	12	94654582	Gbm
31012	PLXNC1	12	94654582	Gbm
31013	PLXNC1	12	94654582	IDHwt
31014	PLXNC1	12	94654582	IDHwt
31015	PLXNC1	12	94654582	IDHwt_priGBM
31016	PLXNC1	12	94654582	IDHwt_priGBM
31017	PLXNC1	12	94654582	LGG GBM
31018	PLXNC1	12	94654582	LGG GBM
31019	PLXNC1	12	94654582	Mesenchymal_like
31020	PLXNC1	12	94654582	Mesenchymal_like
31021	PLXNC1	12	94690991	melanoma
31022	CEP83	12	94702599	melanoma
31023	CEP83	12	94761855	melanoma
31024	CEP83	12	94805603	Codel
31025	CEP83	12	94805603	Codel
31026	CEP83	12	94805603	IDHmut
31027	CEP83	12	94805603	IDHmut
31028	CEP83	12	94805603	IDHmut_codel
31029	CEP83	12	94805603	IDHmut_codel

31030	CEP83	12	94805603	LGG GBM
31031	CEP83	12	94805603	LGG GBM
31032	CEP83	12	94805603	Oligo
31033	CEP83	12	94805603	Oligo
31034	CEP83	12	94805603	Proneural
31035	CEP83	12	94805603	Proneural
31036	NR2C1	12	95425143	melanoma
31037	NR2C1	12	95425143	melanoma
31038	NR2C1	12	95445680	Gbm
31039	NR2C1	12	95445680	IDHwt
31040	NR2C1	12	95445680	IDHwt_priGBM
31041	NR2C1	12	95445680	LGG GBM
31042	NR2C1	12	95445680	Mesenchymal_like
31043	NR2C1	12	95445680	Proneural
31044	FGD6	12	95603382	Gbm
31045	FGD6	12	95603382	IDHwt
31046	FGD6	12	95603382	IDHwt_priGBM
31047	FGD6	12	95603382	LGG GBM
31048	FGD6	12	95603382	Mesenchymal
31049	FGD6	12	95603889	melanoma
31050	VEZT	12	95676170	melanoma
31051	METAP2	12	95887950	melanoma
31052	USP44	12	95927956	melanoma
31053	NTN4	12	96180806	Classic_like
31054	NTN4	12	96180806	Gbm
31055	NTN4	12	96180806	IDHwt
31056	NTN4	12	96180806	IDHwt_priGBM
31057	NTN4	12	96180806	LGG GBM
31058	AMDHD1	12	96350484	melanoma
31059	AMDHD1	12	96356175	melanoma
31060	HAL	12	96377736	melanoma
31061	HAL	12	96377736	melanoma
31062	HAL	12	96379918	lung
31063	HAL	12	96380967	melanoma
31064	HAL	12	96389549	melanoma
31065	LTA4H	12	96400139	GCIMP_high
31066	LTA4H	12	96400139	IDHmut
31067	LTA4H	12	96400139	IDHmut_noncodel
31068	LTA4H	12	96400139	LGG GBM
31069	LTA4H	12	96400139	Neural
31070	LTA4H	12	96400139	OligoAstr
31071	LTA4H	12	96412630	melanoma
31072	LTA4H	12	96412630	melanoma
31073	CFAP54	12	96983319	lung
31074	CFAP54	12	97017631	bladder
31075	CFAP54	12	97041750	melanoma
31076	CFAP54	12	97043713	melanoma
31077	CFAP54	12	97045378	melanoma
31078	CFAP54	12	97052014	Classic_like
31079	CFAP54	12	97052014	Gbm
31080	CFAP54	12	97052014	IDHwt
31081	CFAP54	12	97052014	IDHwt_priGBM
31082	CFAP54	12	97052014	LGG GBM
31083	CFAP54	12	97087506	Classic
31084	CFAP54	12	97087506	Classic_like
31085	CFAP54	12	97087506	Gbm
31086	CFAP54	12	97087506	IDHwt
31087	CFAP54	12	97087506	IDHwt_priGBM

31088	CFAP54	12	97087506	LGG GBM
31089	CFAP54	12	97102518	melanoma
31090	CFAP54	12	97112274	melanoma
31091	CFAP54	12	97136260	melanoma
31092	CFAP54	12	97137665	lung
31093	CFAP54	12	97151344	melanoma
31094	CFAP54	12	97158976	melanoma
31095	CFAP54	12	97158976	melanoma
31096	NEDD1	12	97328853	melanoma
31097	NEDD1	12	97328853	melanoma
31098	NEDD1	12	97328854	melanoma
31099	NEDD1	12	97328854	melanoma
31100	NEDD1	12	97337530	lung
31101	TMPO	12	98941541	melanoma
31102	IKBIP	12	99007650	melanoma
31103	APAF1	12	99042235	lung
31104	APAF1	12	99056253	melanoma
31105	APAF1	12	99056253	melanoma
31106	APAF1	12	99056328	lung
31107	APAF1	12	99071274	melanoma
31108	APAF1	12	99071274	melanoma
31109	APAF1	12	99071274	melanoma
31110	ANKS1B	12	99446990	melanoma
31111	ANKS1B	12	99548111	melanoma
31112	ANKS1B	12	99640127	melanoma
31113	ANKS1B	12	99837485	melanoma
31114	ANKS1B	12	99898265	melanoma
31115	ANKS1B	12	99898367	melanoma
31116	UHRF1BP1L	12	100443973	melanoma
31117	UHRF1BP1L	12	100452275	Gbm
31118	UHRF1BP1L	12	100452275	Gbm
31119	UHRF1BP1L	12	100452275	IDHwt
31120	UHRF1BP1L	12	100452275	IDHwt
31121	UHRF1BP1L	12	100452275	IDHwt_priGBM
31122	UHRF1BP1L	12	100452275	IDHwt_priGBM
31123	UHRF1BP1L	12	100452275	LGG GBM
31124	UHRF1BP1L	12	100452275	LGG GBM
31125	UHRF1BP1L	12	100452275	Mesenchymal_like
31126	UHRF1BP1L	12	100452275	Mesenchymal_like
31127	UHRF1BP1L	12	100478361	Codel
31128	UHRF1BP1L	12	100478361	IDHmut
31129	UHRF1BP1L	12	100478361	IDHmut_codel
31130	UHRF1BP1L	12	100478361	LGG GBM
31131	UHRF1BP1L	12	100478361	Oligo
31132	UHRF1BP1L	12	100478361	Proneural
31133	DEPDC4	12	100657509	melanoma
31134	SCYL2	12	100691853	melanoma
31135	SCYL2	12	100717360	Classic
31136	SCYL2	12	100717360	Classic_like
31137	SCYL2	12	100717360	Gbm
31138	SCYL2	12	100717360	IDHwt
31139	SCYL2	12	100717360	IDHwt_priGBM
31140	SCYL2	12	100717360	LGG GBM
31141	SCYL2	12	100732843	lung
31142	SLC17A8	12	100787176	melanoma
31143	SLC17A8	12	100787200	lung
31144	SLC17A8	12	100795615	lung
31145	SLC17A8	12	100795615	lung

31146	SLC17A8	12	100797822	melanoma
31147	SLC17A8	12	100811900	Gbm
31148	SLC17A8	12	100811900	IDHwt
31149	SLC17A8	12	100811900	IDHwt_priGBM
31150	SLC17A8	12	100811900	LGG GBM
31151	SLC17A8	12	100811900	Mesenchymal
31152	SLC17A8	12	100811900	Mesenchymal_like
31153	NR1H4	12	100897268	Classic_like
31154	NR1H4	12	100897268	Gbm
31155	NR1H4	12	100897268	IDHwt
31156	NR1H4	12	100897268	IDHwt_priGBM
31157	NR1H4	12	100897268	LGG GBM
31158	NR1H4	12	100897268	Mesenchymal
31159	ANO4	12	101333170	melanoma
31160	ANO4	12	101381342	melanoma
31161	ANO4	12	101433766	melanoma
31162	ANO4	12	101493408	melanoma
31163	ANO4	12	101505376	melanoma
31164	ANO4	12	101505376	melanoma
31165	ANO4	12	101505416	melanoma
31166	ANO4	12	101520723	melanoma
31167	SLC5A8	12	101576622	Classic_like
31168	SLC5A8	12	101576622	Classic_like
31169	SLC5A8	12	101576622	Gbm
31170	SLC5A8	12	101576622	Gbm
31171	SLC5A8	12	101576622	IDHwt
31172	SLC5A8	12	101576622	IDHwt
31173	SLC5A8	12	101576622	IDHwt_priGBM
31174	SLC5A8	12	101576622	IDHwt_priGBM
31175	SLC5A8	12	101576622	LGG GBM
31176	SLC5A8	12	101576622	LGG GBM
31177	SLC5A8	12	101577979	GCIMP_high
31178	SLC5A8	12	101577979	GCIMP_high
31179	SLC5A8	12	101577979	GCIMP_high
31180	SLC5A8	12	101577979	IDHmut
31181	SLC5A8	12	101577979	IDHmut
31182	SLC5A8	12	101577979	IDHmut
31183	SLC5A8	12	101577979	IDHmut_noncodel
31184	SLC5A8	12	101577979	IDHmut_noncodel
31185	SLC5A8	12	101577979	IDHmut_noncodel
31186	SLC5A8	12	101577979	LGG GBM
31187	SLC5A8	12	101577979	LGG GBM
31188	SLC5A8	12	101577979	LGG GBM
31189	SLC5A8	12	101577979	OligoAstr
31190	SLC5A8	12	101577979	OligoAstr
31191	SLC5A8	12	101577979	OligoAstr
31192	SLC5A8	12	101577979	Proneural
31193	SLC5A8	12	101577979	Proneural
31194	SLC5A8	12	101577979	Proneural
31195	SLC5A8	12	101577988	Astr
31196	SLC5A8	12	101577988	Astr
31197	SLC5A8	12	101577988	GCIMP_high
31198	SLC5A8	12	101577988	GCIMP_high
31199	SLC5A8	12	101577988	IDHmut
31200	SLC5A8	12	101577988	IDHmut
31201	SLC5A8	12	101577988	IDHmut_noncodel
31202	SLC5A8	12	101577988	IDHmut_noncodel
31203	SLC5A8	12	101577988	LGG GBM

31204	SLC5A8	12	101577988	LGG GBM
31205	SLC5A8	12	101577988	Neural
31206	SLC5A8	12	101577988	Neural
31207	SLC5A8	12	101584336	melanoma
31208	SLC5A8	12	101588904	Gbm
31209	SLC5A8	12	101588904	IDHwt
31210	SLC5A8	12	101588904	IDHwt_priGBM
31211	SLC5A8	12	101588904	LGG GBM
31212	SLC5A8	12	101588904	Mesenchymal_like
31213	SLC5A8	12	101603403	melanoma
31214	SLC5A8	12	101603403	melanoma
31215	UTP20	12	101696303	melanoma
31216	UTP20	12	101696303	melanoma
31217	UTP20	12	101699787	lung
31218	UTP20	12	101764920	melanoma
31219	UTP20	12	101767511	melanoma
31220	UTP20	12	101773187	melanoma
31221	UTP20	12	101773187	melanoma
31222	SPIC	12	101880389	melanoma
31223	MYBPC1	12	102071034	melanoma
31224	MYBPC1	12	102071034	melanoma
31225	SYCP3	12	102131053	melanoma
31226	GNPTAB	12	102158907	melanoma
31227	GNPTAB	12	102158907	melanoma
31228	GNPTAB	12	102160028	lung
31229	WASHC3	12	102433681	melanoma
31230	WASHC3	12	102433681	melanoma
31231	WASHC3	12	102433681	melanoma
31232	NUP37	12	102468221	melanoma
31233	PARPBP	12	102558376	melanoma
31234	PAH	12	103245469	melanoma
31235	PAH	12	103246597	Classic_like
31236	PAH	12	103246597	Gbm
31237	PAH	12	103246597	LGG GBM
31238	PAH	12	103246597	Mesenchymal
31239	PAH	12	103246614	Classic_like
31240	PAH	12	103246614	Classic_like
31241	PAH	12	103246614	Classic_like
31242	PAH	12	103246614	Gbm
31243	PAH	12	103246614	Gbm
31244	PAH	12	103246614	Gbm
31245	PAH	12	103246614	LGG GBM
31246	PAH	12	103246614	LGG GBM
31247	PAH	12	103246614	LGG GBM
31248	PAH	12	103246614	Proneural
31249	PAH	12	103246614	Proneural
31250	PAH	12	103246614	Proneural
31251	PAH	12	103246653	melanoma
31252	PAH	12	103246653	melanoma
31253	PAH	12	103288577	melanoma
31254	C12orf42	12	103695951	melanoma
31255	C12orf42	12	103872171	melanoma
31256	STAB2	12	103984727	Astr
31257	STAB2	12	103984727	IDHwt
31258	STAB2	12	103984727	LGG GBM
31259	STAB2	12	103984727	Mesenchymal
31260	STAB2	12	103984727	Mesenchymal_like
31261	STAB2	12	104030900	bladder

31262	STAB2	12	104049352	melanoma
31263	STAB2	12	104054119	melanoma
31264	STAB2	12	104060118	melanoma
31265	STAB2	12	104060118	melanoma
31266	STAB2	12	104089379	melanoma
31267	STAB2	12	104089379	melanoma
31268	STAB2	12	104119927	melanoma
31269	STAB2	12	104119927	melanoma
31270	STAB2	12	104149150	melanoma
31271	STAB2	12	104149150	melanoma
31272	STAB2	12	104149150	melanoma
31273	STAB2	12	104149150	melanoma
31274	STAB2	12	104149150	melanoma
31275	STAB2	12	104152015	melanoma
31276	NT5DC3	12	104171824	melanoma
31277	NT5DC3	12	104171824	melanoma
31278	HSP90B1	12	104335273	melanoma
31279	HSP90B1	12	104335273	melanoma
31280	TDG	12	104376688	Astr
31281	TDG	12	104376688	Astr
31282	TDG	12	104376688	IDHwt
31283	TDG	12	104376688	IDHwt
31284	TDG	12	104376688	LGG GBM
31285	TDG	12	104376688	LGG GBM
31286	TDG	12	104376688	Neural
31287	TDG	12	104376688	Neural
31288	TDG	12	104376688	PA_like
31289	TDG	12	104376688	PA_like
31290	GLT8D2	12	104383290	melanoma
31291	GLT8D2	12	104387178	Classic_like
31292	GLT8D2	12	104387178	IDHwt
31293	GLT8D2	12	104387178	LGG GBM
31294	GLT8D2	12	104393275	melanoma
31295	HCFC2	12	104461882	melanoma
31296	HCFC2	12	104473315	melanoma
31297	HCFC2	12	104492140	melanoma
31298	CHST11	12	105151184	lung
31299	CHST11	12	105151445	Astr
31300	CHST11	12	105151445	Astr
31301	CHST11	12	105151445	Classic_like
31302	CHST11	12	105151445	Classic_like
31303	CHST11	12	105151445	IDHwt
31304	CHST11	12	105151445	IDHwt
31305	CHST11	12	105151445	LGG GBM
31306	CHST11	12	105151445	LGG GBM
31307	SLC41A2	12	105322202	melanoma
31308	ALDH1L2	12	105434465	melanoma
31309	ALDH1L2	12	105434465	melanoma
31310	ALDH1L2	12	105434465	melanoma
31311	ALDH1L2	12	105455463	melanoma
31312	WASHC4	12	105514945	melanoma
31313	WASHC4	12	105514945	melanoma
31314	WASHC4	12	105534163	lung
31315	WASHC4	12	105534163	hnscc
31316	WASHC4	12	105538089	melanoma
31317	APPL2	12	105569839	melanoma
31318	APPL2	12	105600946	melanoma
31319	APPL2	12	105600946	melanoma

31320	NUAK1	12	106460622	melanoma
31321	TCP11L2	12	106729542	melanoma
31322	TCP11L2	12	106729542	melanoma
31323	TCP11L2	12	106729578	melanoma
31324	POLR3B	12	106820982	lung
31325	POLR3B	12	106820982	lung
31326	POLR3B	12	106827587	melanoma
31327	POLR3B	12	106890684	melanoma
31328	POLR3B	12	106895162	melanoma
31329	RFX4	12	107144500	melanoma
31330	RFX4	12	107144500	melanoma
31331	RFX4	12	107155047	melanoma
31332	MTERF2	12	107372183	Gbm
31333	MTERF2	12	107372183	GCIMP_high
31334	MTERF2	12	107372183	IDHmut
31335	MTERF2	12	107372183	IDHmut_noncodel
31336	MTERF2	12	107372183	LGG GBM
31337	CRY1	12	107391325	lung
31338	CRY1	12	107391325	lung
31339	BTBD11	12	107937912	melanoma
31340	BTBD11	12	107937912	melanoma
31341	BTBD11	12	107975030	lung
31342	BTBD11	12	108011162	melanoma
31343	BTBD11	12	108011162	melanoma
31344	BTBD11	12	108011162	melanoma
31345	PWP1	12	108104282	melanoma
31346	PWP1	12	108104282	melanoma
31347	PWP1	12	108104282	melanoma
31348	CMKLR1	12	108685670	melanoma
31349	CMKLR1	12	108685814	lung
31350	SART3	12	108939021	melanoma
31351	SART3	12	108939021	melanoma
31352	SSH1	12	109203511	melanoma
31353	UNG	12	109535528	melanoma
31354	ACACB	12	109617791	melanoma
31355	ACACB	12	109665243	lung
31356	FOXN4	12	109723294	melanoma
31357	MYO1H	12	109845705	melanoma
31358	TRPV4	12	110230485	Gbm
31359	TRPV4	12	110230485	IDHwt
31360	TRPV4	12	110230485	IDHwt_priGBM
31361	TRPV4	12	110230485	LGG GBM
31362	TRPV4	12	110230485	Mesenchymal
31363	TRPV4	12	110236432	Classic
31364	TRPV4	12	110236432	Classic
31365	TRPV4	12	110236432	Gbm
31366	TRPV4	12	110236432	Gbm
31367	TRPV4	12	110236432	IDHwt
31368	TRPV4	12	110236432	IDHwt
31369	TRPV4	12	110236432	IDHwt_priGBM
31370	TRPV4	12	110236432	IDHwt_priGBM
31371	TRPV4	12	110236432	LGG GBM
31372	TRPV4	12	110236432	LGG GBM
31373	TCHP	12	110341797	melanoma
31374	TCHP	12	110349012	melanoma
31375	TCHP	12	110349012	melanoma
31376	GIT2	12	110371882	melanoma
31377	ANKRD13A	12	110454196	melanoma

31378	ANKRD13A	12	110454196	melanoma
31379	IFT81	12	110566813	melanoma
31380	IFT81	12	110628753	hnscc
31381	ATP2A2	12	110760808	melanoma
31382	TCTN1	12	111066587	melanoma
31383	TCTN1	12	111066587	melanoma
31384	TCTN1	12	111070323	melanoma
31385	TCTN1	12	111085016	melanoma
31386	HVCN1	12	111088073	bladder
31387	HVCN1	12	111088073	bladder
31388	HVCN1	12	111089112	melanoma
31389	PPP1CC	12	111169662	lung
31390	PPP1CC	12	111169691	melanoma
31391	CCDC63	12	111318989	melanoma
31392	CCDC63	12	111318989	melanoma
31393	MYL2	12	111351114	melanoma
31394	MYL2	12	111351114	melanoma
31395	MYL2	12	111356910	melanoma
31396	CUX2	12	111729321	melanoma
31397	CUX2	12	111744848	melanoma
31398	CUX2	12	111746297	melanoma
31399	CUX2	12	111758248	melanoma
31400	CUX2	12	111772286	bladder
31401	CUX2	12	111772286	bladder
31402	CUX2	12	111776135	melanoma
31403	CUX2	12	111776135	melanoma
31404	CUX2	12	111776165	melanoma
31405	CUX2	12	111785711	melanoma
31406	CUX2	12	111785930	melanoma
31407	CUX2	12	111785930	melanoma
31408	SH2B3	12	111885211	Codel
31409	SH2B3	12	111885211	IDHmut
31410	SH2B3	12	111885211	IDHmut_codel
31411	SH2B3	12	111885211	LGG GBM
31412	SH2B3	12	111885211	Oligo
31413	SH2B3	12	111885211	Proneural
31414	ATXN2	12	111895151	melanoma
31415	ATXN2	12	111958695	melanoma
31416	ACAD10	12	112167720	melanoma
31417	ACAD10	12	112167720	melanoma
31418	ACAD10	12	112174755	melanoma
31419	ACAD10	12	112186135	melanoma
31420	ALDH2	12	112219732	melanoma
31421	ERP29	12	112460028	melanoma
31422	NAA25	12	112499034	bladder
31423	HECTD4	12	112620944	Classic
31424	HECTD4	12	112620944	Classic_like
31425	HECTD4	12	112620944	Gbm
31426	HECTD4	12	112620944	IDHwt
31427	HECTD4	12	112620944	IDHwt_priGBM
31428	HECTD4	12	112620944	LGG GBM
31429	HECTD4	12	112623279	lung
31430	HECTD4	12	112623279	lung
31431	HECTD4	12	112632697	melanoma
31432	HECTD4	12	112667531	melanoma
31433	HECTD4	12	112694168	melanoma
31434	HECTD4	12	112694231	melanoma
31435	PTPN11	12	112888211	IDHwt

31436	PTPN11	12	112888211	LGG GBM
31437	PTPN11	12	112888211	Mesenchymal_like
31438	PTPN11	12	112924309	melanoma
31439	PTPN11	12	112926252	melanoma
31440	PTPN11	12	112926909	Gbm
31441	PTPN11	12	112926909	IDHwt
31442	PTPN11	12	112926909	IDHwt_priGBM
31443	PTPN11	12	112926909	LGG GBM
31444	PTPN11	12	112926909	Mesenchymal
31445	PTPN11	12	112926909	Mesenchymal_like
31446	PTPN11	12	112926910	Classic
31447	PTPN11	12	112926910	Classic
31448	PTPN11	12	112926910	Classic_like
31449	PTPN11	12	112926910	Classic_like
31450	PTPN11	12	112926910	Gbm
31451	PTPN11	12	112926910	Gbm
31452	PTPN11	12	112926910	IDHwt
31453	PTPN11	12	112926910	IDHwt
31454	PTPN11	12	112926910	IDHwt_priGBM
31455	PTPN11	12	112926910	IDHwt_priGBM
31456	PTPN11	12	112926910	LGG GBM
31457	PTPN11	12	112926910	LGG GBM
31458	RPH3A	12	113314570	melanoma
31459	RPH3A	12	113314570	melanoma
31460	OAS1	12	113357443	melanoma
31461	OAS3	12	113405883	melanoma
31462	OAS3	12	113405883	melanoma
31463	OAS3	12	113405883	melanoma
31464	OAS2	12	113425081	melanoma
31465	OAS2	12	113445630	melanoma
31466	OAS2	12	113445630	melanoma
31467	DDX54	12	113616961	melanoma
31468	TPCN1	12	113722397	melanoma
31469	TPCN1	12	113723754	melanoma
31470	SLC8B1	12	113759021	melanoma
31471	SLC8B1	12	113770568	Classic
31472	SLC8B1	12	113770568	Classic_like
31473	SLC8B1	12	113770568	Gbm
31474	SLC8B1	12	113770568	IDHwt
31475	SLC8B1	12	113770568	IDHwt_priGBM
31476	SLC8B1	12	113770568	LGG GBM
31477	PLBD2	12	113825637	Classic
31478	PLBD2	12	113825637	Classic
31479	PLBD2	12	113825637	Gbm
31480	PLBD2	12	113825637	Gbm
31481	PLBD2	12	113825637	IDHwt
31482	PLBD2	12	113825637	IDHwt
31483	PLBD2	12	113825637	IDHwt_priGBM
31484	PLBD2	12	113825637	IDHwt_priGBM
31485	PLBD2	12	113825637	LGG GBM
31486	PLBD2	12	113825637	LGG GBM
31487	PLBD2	12	113825637	Mesenchymal_like
31488	PLBD2	12	113825637	Mesenchymal_like
31489	SDS	12	113835058	lung
31490	LHX5	12	113906197	Codel
31491	LHX5	12	113906197	IDHmut
31492	LHX5	12	113906197	IDHmut_codel
31493	LHX5	12	113906197	LGG GBM

31494	LHX5	12	113906197	Oligo
31495	TBX5	12	114804185	melanoma
31496	TBX3	12	115109830	melanoma
31497	TBX3	12	115117354	melanoma
31498	TBX3	12	115118728	melanoma
31499	MED13L	12	116428836	melanoma
31500	MED13L	12	116428836	melanoma
31501	MED13L	12	116428836	melanoma
31502	MED13L	12	116435008	melanoma
31503	MED13L	12	116450636	melanoma
31504	HRK	12	117318882	hnsc
31505	HRK	12	117318882	hnsc
31506	FBXO21	12	117603295	lung
31507	NOS1	12	117660542	melanoma
31508	NOS1	12	117660600	melanoma
31509	NOS1	12	117662929	melanoma
31510	NOS1	12	117696220	melanoma
31511	NOS1	12	117705932	melanoma
31512	NOS1	12	117725904	lung
31513	NOS1	12	117725904	lung
31514	NOS1	12	117768667	Classic
31515	NOS1	12	117768667	Classic_like
31516	NOS1	12	117768667	Gbm
31517	NOS1	12	117768667	IDHwt
31518	NOS1	12	117768667	IDHwt_priGBM
31519	NOS1	12	117768667	LGG GBM
31520	KSR2	12	117909112	melanoma
31521	KSR2	12	118016978	Codel
31522	KSR2	12	118016978	IDHmut
31523	KSR2	12	118016978	IDHmut_codel
31524	KSR2	12	118016978	LGG GBM
31525	KSR2	12	118016978	Oligo
31526	KSR2	12	118016978	Proneural
31527	KSR2	12	118105309	melanoma
31528	KSR2	12	118198832	melanoma
31529	KSR2	12	118198859	melanoma
31530	WSB2	12	118474270	melanoma
31531	VSIG10	12	118509166	Classic_like
31532	VSIG10	12	118509166	IDHwt
31533	VSIG10	12	118509166	LGG GBM
31534	TAOK3	12	118599775	Gbm
31535	TAOK3	12	118599775	IDHwt
31536	TAOK3	12	118599775	IDHwt_priGBM
31537	TAOK3	12	118599775	LGG GBM
31538	TAOK3	12	118599775	Mesenchymal
31539	TAOK3	12	118599775	Mesenchymal_like
31540	SUDS3	12	118848899	bladder
31541	SUDS3	12	118848946	melanoma
31542	SUDS3	12	118848946	melanoma
31543	SRRM4	12	119588985	Codel
31544	SRRM4	12	119588985	IDHmut
31545	SRRM4	12	119588985	IDHmut_codel
31546	SRRM4	12	119588985	LGG GBM
31547	SRRM4	12	119588985	Proneural
31548	SRRM4	12	119592158	GCIMP_high
31549	SRRM4	12	119592158	GCIMP_high
31550	SRRM4	12	119592158	GCIMP_high
31551	SRRM4	12	119592158	IDHmut

31552	SRRM4	12	119592158	IDHmut
31553	SRRM4	12	119592158	IDHmut
31554	SRRM4	12	119592158	IDHmut_noncodel
31555	SRRM4	12	119592158	IDHmut_noncodel
31556	SRRM4	12	119592158	IDHmut_noncodel
31557	SRRM4	12	119592158	LGG GBM
31558	SRRM4	12	119592158	LGG GBM
31559	SRRM4	12	119592158	LGG GBM
31560	SRRM4	12	119592158	OligoAstr
31561	SRRM4	12	119592158	OligoAstr
31562	SRRM4	12	119592158	OligoAstr
31563	SRRM4	12	119592158	Proneural
31564	SRRM4	12	119592158	Proneural
31565	SRRM4	12	119592158	Proneural
31566	CCDC60	12	119957972	melanoma
31567	CCDC60	12	119968845	melanoma
31568	CIT	12	120138625	Classic_like
31569	CIT	12	120138625	Gbm
31570	CIT	12	120138625	IDHwt
31571	CIT	12	120138625	IDHwt_priGBM
31572	CIT	12	120138625	LGG GBM
31573	CIT	12	120138625	Mesenchymal
31574	CIT	12	120148136	melanoma
31575	CIT	12	120196407	melanoma
31576	CIT	12	120241046	melanoma
31577	CIT	12	120263147	lung
31578	RAB35	12	120536908	melanoma
31579	RAB35	12	120536951	melanoma
31580	RAB35	12	120536951	melanoma
31581	GCN1	12	120574409	melanoma
31582	GCN1	12	120574409	melanoma
31583	GCN1	12	120580675	melanoma
31584	GCN1	12	120589134	melanoma
31585	GCN1	12	120597706	melanoma
31586	GCN1	12	120616725	lung
31587	RPLP0	12	120636496	bladder
31588	MSI1	12	120791134	GCIMP_high
31589	MSI1	12	120791134	IDHmut
31590	MSI1	12	120791134	IDHmut_noncodel
31591	MSI1	12	120791134	LGG GBM
31592	GATC	12	120894951	Codel
31593	GATC	12	120894951	IDHmut
31594	GATC	12	120894951	IDHmut_codel
31595	GATC	12	120894951	LGG GBM
31596	GATC	12	120894951	Neural
31597	GATC	12	120894951	Oligo
31598	DYNLL1	12	120935987	melanoma
31599	COQ5	12	120966794	Codel
31600	COQ5	12	120966794	IDHmut
31601	COQ5	12	120966794	IDHmut_codel
31602	COQ5	12	120966794	LGG GBM
31603	COQ5	12	120966794	Oligo
31604	COQ5	12	120966794	Proneural
31605	CABP1	12	121079086	bladder
31606	CABP1	12	121079086	bladder
31607	CABP1	12	121079086	bladder
31608	CABP1	12	121097702	melanoma
31609	CABP1	12	121098101	melanoma

31610	UNC119B	12	121154526	Classic
31611	UNC119B	12	121154526	Classic
31612	UNC119B	12	121154526	Gbm
31613	UNC119B	12	121154526	Gbm
31614	UNC119B	12	121154526	IDHwt
31615	UNC119B	12	121154526	IDHwt
31616	UNC119B	12	121154526	IDHwt_priGBM
31617	UNC119B	12	121154526	IDHwt_priGBM
31618	UNC119B	12	121154526	LGG GBM
31619	UNC119B	12	121154526	LGG GBM
31620	ACADS	12	121176680	Gbm
31621	ACADS	12	121176680	IDHwt
31622	ACADS	12	121176680	IDHwt_priGBM
31623	ACADS	12	121176680	LGG GBM
31624	ACADS	12	121176680	Mesenchymal
31625	ACADS	12	121176680	Mesenchymal_like
31626	SPPL3	12	121202840	melanoma
31627	SPPL3	12	121206781	melanoma
31628	HNF1A	12	121432064	Classic_like
31629	HNF1A	12	121432064	Classic_like
31630	HNF1A	12	121432064	IDHwt
31631	HNF1A	12	121432064	IDHwt
31632	HNF1A	12	121432064	LGG GBM
31633	HNF1A	12	121432064	LGG GBM
31634	HNF1A	12	121432064	Neural
31635	HNF1A	12	121432064	Neural
31636	HNF1A	12	121432064	Oligo
31637	HNF1A	12	121432064	Oligo
31638	HNF1A	12	121434122	melanoma
31639	HNF1A	12	121434122	melanoma
31640	HNF1A	12	121437175	Gbm
31641	HNF1A	12	121437175	IDHwt
31642	HNF1A	12	121437175	IDHwt_priGBM
31643	HNF1A	12	121437175	LGG GBM
31644	HNF1A	12	121437175	Mesenchymal_like
31645	HNF1A	12	121437175	Proneural
31646	HNF1A	12	121438903	bladder
31647	C12orf43	12	121448856	melanoma
31648	C12orf43	12	121454196	bladder
31649	OASL	12	121465457	Gbm
31650	OASL	12	121465457	IDHwt
31651	OASL	12	121465457	IDHwt_priGBM
31652	OASL	12	121465457	LGG GBM
31653	OASL	12	121465457	Mesenchymal
31654	OASL	12	121465457	Mesenchymal_like
31655	OASL	12	121465545	melanoma
31656	P2RX4	12	121648013	melanoma
31657	CAMKK2	12	121712208	lung
31658	ANAPC5	12	121764931	melanoma
31659	ANAPC5	12	121764931	melanoma
31660	TMEM120B	12	122209444	melanoma
31661	TMEM120B	12	122209444	melanoma
31662	TMEM120B	12	122209444	melanoma
31663	WDR66	12	122386947	melanoma
31664	WDR66	12	122437781	Gbm
31665	WDR66	12	122437781	IDHwt
31666	WDR66	12	122437781	IDHwt_priGBM
31667	WDR66	12	122437781	LGG GBM

31668	WDR66	12	122437781	Mesenchymal
31669	WDR66	12	122437781	Mesenchymal_like
31670	MLXIP	12	122626277	melanoma
31671	MLXIP	12	122626277	melanoma
31672	MLXIP	12	122626277	melanoma
31673	MLXIP	12	122626277	melanoma
31674	LRRC43	12	122669150	melanoma
31675	LRRC43	12	122669150	melanoma
31676	LRRC43	12	122672375	Gbm
31677	LRRC43	12	122672375	IDHwt
31678	LRRC43	12	122672375	IDHwt_priGBM
31679	LRRC43	12	122672375	LGG GBM
31680	LRRC43	12	122672375	Mesenchymal_like
31681	B3GNT4	12	122691423	melanoma
31682	CLIP1	12	122812878	Codel
31683	CLIP1	12	122812878	IDHmut
31684	CLIP1	12	122812878	IDHmut_codel
31685	CLIP1	12	122812878	LGG GBM
31686	CLIP1	12	122812878	Proneural
31687	CLIP1	12	122839709	melanoma
31688	CLIP1	12	122839723	melanoma
31689	KNTC1	12	123052816	melanoma
31690	KNTC1	12	123087665	melanoma
31691	KNTC1	12	123089120	melanoma
31692	KNTC1	12	123089443	melanoma
31693	KNTC1	12	123106441	melanoma
31694	HCAR3	12	123200860	lung
31695	HIP1R	12	123341085	melanoma
31696	ABCB9	12	123424704	GCIMP_high
31697	ABCB9	12	123424704	IDHmut
31698	ABCB9	12	123424704	IDHmut_noncodel
31699	ABCB9	12	123424704	LGG GBM
31700	ABCB9	12	123433364	melanoma
31701	ABCB9	12	123433364	melanoma
31702	PITPNM2	12	123477109	melanoma
31703	PITPNM2	12	123477159	melanoma
31704	PITPNM2	12	123497265	melanoma
31705	MPHOSPH9	12	123651259	melanoma
31706	MPHOSPH9	12	123687300	melanoma
31707	MPHOSPH9	12	123687300	melanoma
31708	MPHOSPH9	12	123687300	melanoma
31709	SBNO1	12	123804571	hnscc
31710	SNRNP35	12	123950163	melanoma
31711	SNRNP35	12	123950209	melanoma
31712	SNRNP35	12	123950209	melanoma
31713	DDX55	12	124092061	melanoma
31714	DDX55	12	124097777	melanoma
31715	DDX55	12	124104002	bladder
31716	DDX55	12	124104002	bladder
31717	ATP6V0A2	12	124210768	melanoma
31718	ATP6V0A2	12	124220082	lung
31719	ATP6V0A2	12	124228862	melanoma
31720	ATP6V0A2	12	124241442	melanoma
31721	ATP6V0A2	12	124241442	melanoma
31722	DNAH10	12	124270434	melanoma
31723	DNAH10	12	124274585	melanoma
31724	DNAH10	12	124285916	melanoma
31725	DNAH10	12	124288309	Astr

31726	DNAH10	12	124288309	GCIMP_high
31727	DNAH10	12	124288309	IDHmut
31728	DNAH10	12	124288309	IDHmut_noncodel
31729	DNAH10	12	124288309	LGG GBM
31730	DNAH10	12	124288360	melanoma
31731	DNAH10	12	124298156	melanoma
31732	DNAH10	12	124311345	melanoma
31733	DNAH10	12	124320031	melanoma
31734	DNAH10	12	124341702	melanoma
31735	DNAH10	12	124345602	melanoma
31736	DNAH10	12	124345632	bladder
31737	DNAH10	12	124359931	melanoma
31738	DNAH10	12	124359931	melanoma
31739	DNAH10	12	124359986	melanoma
31740	DNAH10	12	124359986	melanoma
31741	DNAH10	12	124377879	bladder
31742	DNAH10	12	124377879	bladder
31743	DNAH10	12	124395150	melanoma
31744	DNAH10	12	124398961	melanoma
31745	DNAH10	12	124419892	melanoma
31746	CCDC92	12	124421795	melanoma
31747	ZNF664	12	124497326	melanoma
31748	NCOR2	12	124819069	melanoma
31749	NCOR2	12	124819069	melanoma
31750	NCOR2	12	124826587	melanoma
31751	NCOR2	12	124826587	melanoma
31752	NCOR2	12	124826587	melanoma
31753	NCOR2	12	124839394	melanoma
31754	NCOR2	12	124839394	melanoma
31755	UBC	12	125396438	melanoma
31756	DHX37	12	125437048	melanoma
31757	DHX37	12	125437048	melanoma
31758	DHX37	12	125437048	melanoma
31759	DHX37	12	125441656	melanoma
31760	DHX37	12	125441656	melanoma
31761	DHX37	12	125441656	melanoma
31762	DHX37	12	125441669	melanoma
31763	DHX37	12	125441669	melanoma
31764	DHX37	12	125448955	melanoma
31765	TMEM132B	12	125834415	melanoma
31766	TMEM132B	12	125834678	melanoma
31767	TMEM132B	12	126138174	melanoma
31768	TMEM132B	12	126138174	melanoma
31769	TMEM132B	12	126138174	melanoma
31770	TMEM132B	12	126139102	melanoma
31771	TMEM132B	12	126139102	melanoma
31772	TMEM132C	12	128899697	lung
31773	SLC15A4	12	129283810	lung
31774	SLC15A4	12	129283824	IDHwt
31775	SLC15A4	12	129283824	LGG GBM
31776	SLC15A4	12	129283824	Mesenchymal_like
31777	SLC15A4	12	129283824	Oligo
31778	SLC15A4	12	129283896	melanoma
31779	SLC15A4	12	129283896	melanoma
31780	SLC15A4	12	129293389	bladder
31781	TMEM132D	12	129558617	melanoma
31782	TMEM132D	12	129559418	melanoma
31783	TMEM132D	12	129566311	melanoma

31784	TMEM132D	12	129566321	melanoma
31785	TMEM132D	12	129566495	Astr
31786	TMEM132D	12	129566495	Classic_like
31787	TMEM132D	12	129566495	IDHwt
31788	TMEM132D	12	129566495	LGG GBM
31789	TMEM132D	12	129569151	melanoma
31790	FZD10	12	130647861	Gbm
31791	FZD10	12	130647861	IDHwt
31792	FZD10	12	130647861	IDHwt_priGBM
31793	FZD10	12	130647861	LGG GBM
31794	FZD10	12	130647861	Mesenchymal_like
31795	FZD10	12	130648631	Astr
31796	FZD10	12	130648631	Classic
31797	FZD10	12	130648631	Classic_like
31798	FZD10	12	130648631	IDHwt
31799	FZD10	12	130648631	LGG GBM
31800	FZD10	12	130648665	Classic
31801	FZD10	12	130648665	Classic
31802	FZD10	12	130648665	Gbm
31803	FZD10	12	130648665	Gbm
31804	FZD10	12	130648665	IDHwt
31805	FZD10	12	130648665	IDHwt
31806	FZD10	12	130648665	IDHwt_priGBM
31807	FZD10	12	130648665	IDHwt_priGBM
31808	FZD10	12	130648665	LGG GBM
31809	FZD10	12	130648665	LGG GBM
31810	FZD10	12	130648665	Mesenchymal_like
31811	FZD10	12	130648665	Mesenchymal_like
31812	PIWIL1	12	130831038	bladder
31813	PIWIL1	12	130831595	melanoma
31814	PIWIL1	12	130833827	melanoma
31815	PIWIL1	12	130833827	melanoma
31816	PIWIL1	12	130841563	Gbm
31817	PIWIL1	12	130841563	IDHwt
31818	PIWIL1	12	130841563	IDHwt_priGBM
31819	PIWIL1	12	130841563	LGG GBM
31820	PIWIL1	12	130841563	Mesenchymal
31821	PIWIL1	12	130841563	Mesenchymal_like
31822	PIWIL1	12	130845914	melanoma
31823	RIMBP2	12	130907060	Classic_like
31824	RIMBP2	12	130907060	Gbm
31825	RIMBP2	12	130907060	IDHwt
31826	RIMBP2	12	130907060	IDHwt_priGBM
31827	RIMBP2	12	130907060	LGG GBM
31828	RIMBP2	12	130927172	melanoma
31829	ADGRD1	12	131466566	GCIMP_high
31830	ADGRD1	12	131466566	IDHmut
31831	ADGRD1	12	131466566	IDHmut_noncodel
31832	ADGRD1	12	131466566	LGG GBM
31833	ADGRD1	12	131466566	OligoAstr
31834	ADGRD1	12	131475583	Classic
31835	ADGRD1	12	131475583	Classic_like
31836	ADGRD1	12	131475583	Gbm
31837	ADGRD1	12	131475583	IDHwt
31838	ADGRD1	12	131475583	IDHwt_priGBM
31839	ADGRD1	12	131475583	LGG GBM
31840	ADGRD1	12	131476905	melanoma
31841	ADGRD1	12	131487809	Gbm

31842	ADGRD1	12	131487809	Gbm
31843	ADGRD1	12	131487809	IDHwt
31844	ADGRD1	12	131487809	IDHwt
31845	ADGRD1	12	131487809	IDHwt_priGBM
31846	ADGRD1	12	131487809	IDHwt_priGBM
31847	ADGRD1	12	131487809	LGG GBM
31848	ADGRD1	12	131487809	LGG GBM
31849	ADGRD1	12	131487809	Mesenchymal
31850	ADGRD1	12	131487809	Mesenchymal
31851	ADGRD1	12	131487809	Mesenchymal_like
31852	ADGRD1	12	131487809	Mesenchymal_like
31853	ADGRD1	12	131569147	melanoma
31854	ADGRD1	12	131593362	melanoma
31855	SFSWAP	12	132281818	melanoma
31856	SFSWAP	12	132281818	melanoma
31857	ULK1	12	132395338	melanoma
31858	ULK1	12	132395338	melanoma
31859	ULK1	12	132398366	melanoma
31860	ULK1	12	132398366	melanoma
31861	ULK1	12	132398366	melanoma
31862	ULK1	12	132404595	melanoma
31863	EP400	12	132446123	melanoma
31864	EP400	12	132514624	Gbm
31865	EP400	12	132514624	IDHwt
31866	EP400	12	132514624	IDHwt_priGBM
31867	EP400	12	132514624	LGG GBM
31868	EP400	12	132514624	Mesenchymal_like
31869	EP400	12	132554137	melanoma
31870	EP400	12	132561131	melanoma
31871	DDX51	12	132625184	melanoma
31872	NOC4L	12	132629080	melanoma
31873	NOC4L	12	132633335	melanoma
31874	NOC4L	12	132633335	melanoma
31875	FBRSL1	12	133159964	melanoma
31876	P2RX2	12	133195431	melanoma
31877	P2RX2	12	133198167	melanoma
31878	POLE	12	133210804	melanoma
31879	POLE	12	133220429	GCIMP_high
31880	POLE	12	133220429	IDHmut
31881	POLE	12	133220429	IDHmut_noncodel
31882	POLE	12	133220429	LGG GBM
31883	POLE	12	133226282	melanoma
31884	ANKLE2	12	133303886	melanoma
31885	CHFR	12	133433172	melanoma
31886	ZNF605	12	133502281	melanoma
31887	ZNF605	12	133502395	melanoma
31888	ZNF268	12	133778978	melanoma
31889	TUBA3C	13	19748086	melanoma
31890	TUBA3C	13	19751293	melanoma
31891	TUBA3C	13	19751459	melanoma
31892	TUBA3C	13	19751459	melanoma
31893	TUBA3C	13	19751459	melanoma
31894	TPTE2	13	20039454	melanoma
31895	TPTE2	13	20066995	Gbm
31896	TPTE2	13	20066995	IDHwt
31897	TPTE2	13	20066995	IDHwt_priGBM
31898	TPTE2	13	20066995	LGG GBM
31899	TPTE2	13	20066995	Proneural

31900	MPHOSPH8	13	20242548	melanoma
31901	MPHOSPH8	13	20242548	melanoma
31902	PSPC1	13	20277376	lung
31903	PSPC1	13	20277431	lung
31904	PSPC1	13	20346515	bladder
31905	ZMYM5	13	20409775	Gbm
31906	ZMYM5	13	20409775	IDHwt
31907	ZMYM5	13	20409775	IDHwt_priGBM
31908	ZMYM5	13	20409775	LGG GBM
31909	ZMYM5	13	20409775	Proneural
31910	ZMYM5	13	20426004	IDHwt_priGBM2
31911	ZMYM5	13	20426004	IDHwt_priGBM2
31912	GJB2	13	20763162	melanoma
31913	GJB2	13	20763162	melanoma
31914	GJB2	13	20763530	lung
31915	GJB2	13	20763530	lung
31916	GJB6	13	20797396	melanoma
31917	GJB6	13	20797396	melanoma
31918	GJB6	13	20797435	melanoma
31919	IL17D	13	21295803	lung
31920	IL17D	13	21295803	lung
31921	IL17D	13	21295860	melanoma
31922	XPO4	13	21395910	melanoma
31923	XPO4	13	21395910	melanoma
31924	LATS2	13	21557630	melanoma
31925	LATS2	13	21619829	melanoma
31926	SKA3	13	21742509	melanoma
31927	MICU2	13	22067444	bladder
31928	SGCG	13	23824845	lung
31929	SACS	13	23907744	Astr
31930	SACS	13	23907744	Astr
31931	SACS	13	23907744	IDHwt
31932	SACS	13	23907744	IDHwt
31933	SACS	13	23907744	LGG GBM
31934	SACS	13	23907744	LGG GBM
31935	SACS	13	23907744	Mesenchymal
31936	SACS	13	23907744	Mesenchymal
31937	SACS	13	23907744	Mesenchymal_like
31938	SACS	13	23907744	Mesenchymal_like
31939	SACS	13	23907771	melanoma
31940	SACS	13	23907771	melanoma
31941	SACS	13	23907873	melanoma
31942	SACS	13	23909874	melanoma
31943	SACS	13	23910621	melanoma
31944	SACS	13	23912368	melanoma
31945	SACS	13	23928866	bladder
31946	SACS	13	23942617	Gbm
31947	SACS	13	23942617	Gbm
31948	SACS	13	23942617	Gbm
31949	SACS	13	23942617	Gbm
31950	SACS	13	23942617	IDHwt
31951	SACS	13	23942617	IDHwt
31952	SACS	13	23942617	IDHwt
31953	SACS	13	23942617	IDHwt
31954	SACS	13	23942617	IDHwt_priGBM
31955	SACS	13	23942617	IDHwt_priGBM
31956	SACS	13	23942617	IDHwt_priGBM
31957	SACS	13	23942617	IDHwt_priGBM

31958	SACS	13	23942617	LGG GBM
31959	SACS	13	23942617	LGG GBM
31960	SACS	13	23942617	LGG GBM
31961	SACS	13	23942617	LGG GBM
31962	SACS	13	23942617	Mesenchymal
31963	SACS	13	23942617	Mesenchymal
31964	SACS	13	23942617	Mesenchymal
31965	SACS	13	23942617	Mesenchymal
31966	SACS	13	23942617	Mesenchymal_like
31967	SACS	13	23942617	Mesenchymal_like
31968	SACS	13	23942617	Mesenchymal_like
31969	SACS	13	23942617	Mesenchymal_like
31970	MIPEP	13	24443560	melanoma
31971	C1QTNF9B	13	24465483	melanoma
31972	C1QTNF9B	13	24465742	melanoma
31973	SPATA13	13	24798077	melanoma
31974	SPATA13	13	24823712	melanoma
31975	C1QTNF9	13	24895757	melanoma
31976	PARP4	13	25009318	lung
31977	PARP4	13	25052307	melanoma
31978	PARP4	13	25052307	melanoma
31979	PARP4	13	25066624	melanoma
31980	PARP4	13	25066624	melanoma
31981	ATP12A	13	25262569	bladder
31982	ATP12A	13	25263500	melanoma
31983	ATP12A	13	25263500	melanoma
31984	ATP12A	13	25266711	melanoma
31985	ATP12A	13	25268628	Astr
31986	ATP12A	13	25268628	Astr
31987	ATP12A	13	25268628	GCIMP_high
31988	ATP12A	13	25268628	GCIMP_high
31989	ATP12A	13	25268628	IDHmut
31990	ATP12A	13	25268628	IDHmut
31991	ATP12A	13	25268628	IDHmut_noncodel
31992	ATP12A	13	25268628	IDHmut_noncodel
31993	ATP12A	13	25268628	LGG GBM
31994	ATP12A	13	25268628	LGG GBM
31995	ATP12A	13	25268628	Proneural
31996	ATP12A	13	25268628	Proneural
31997	ATP12A	13	25275004	melanoma
31998	ATP12A	13	25275053	melanoma
31999	ATP12A	13	25276157	melanoma
32000	RNF17	13	25341448	melanoma
32001	RNF17	13	25363883	melanoma
32002	RNF17	13	25367481	melanoma
32003	RNF17	13	25418902	melanoma
32004	PABPC3	13	25671609	lung
32005	PABPC3	13	25671682	Classic_like
32006	PABPC3	13	25671682	Gbm
32007	PABPC3	13	25671682	IDHwt
32008	PABPC3	13	25671682	IDHwt_priGBM
32009	PABPC3	13	25671682	LGG GBM
32010	PABPC3	13	25671682	Proneural
32011	ATP8A2	13	26043172	bladder
32012	ATP8A2	13	26145002	bladder
32013	RNF6	13	26788757	melanoma
32014	GPR12	13	27333153	melanoma
32015	GPR12	13	27333153	melanoma

32016	RASL11A	13	27847554	melanoma
32017	URAD	13	28552329	melanoma
32018	URAD	13	28552329	melanoma
32019	FLT3	13	28578253	melanoma
32020	FLT3	13	28623635	melanoma
32021	FLT3	13	28623635	melanoma
32022	PAN3	13	28794510	Classic_like
32023	PAN3	13	28794510	Gbm
32024	PAN3	13	28794510	IDHwt
32025	PAN3	13	28794510	IDHwt_priGBM
32026	PAN3	13	28794510	LGG GBM
32027	PAN3	13	28794510	Mesenchymal
32028	PAN3	13	28834611	melanoma
32029	PAN3	13	28834611	melanoma
32030	PAN3	13	28851489	bladder
32031	PAN3	13	28851489	bladder
32032	PAN3	13	28851489	bladder
32033	FLT1	13	28885739	melanoma
32034	FLT1	13	28895638	melanoma
32035	SLC46A3	13	29275690	melanoma
32036	MTUS2	13	29599131	melanoma
32037	MTUS2	13	29599320	hnscc
32038	MTUS2	13	29600381	lung
32039	MTUS2	13	29600535	melanoma
32040	MTUS2	13	29600535	melanoma
32041	MTUS2	13	29600535	melanoma
32042	MTUS2	13	29600705	melanoma
32043	MTUS2	13	29600822	Classic_like
32044	MTUS2	13	29600822	Classic_like
32045	MTUS2	13	29600822	Gbm
32046	MTUS2	13	29600822	Gbm
32047	MTUS2	13	29600822	IDHwt
32048	MTUS2	13	29600822	IDHwt
32049	MTUS2	13	29600822	IDHwt_priGBM
32050	MTUS2	13	29600822	IDHwt_priGBM
32051	MTUS2	13	29600822	LGG GBM
32052	MTUS2	13	29600822	LGG GBM
32053	MTUS2	13	29600822	Mesenchymal
32054	MTUS2	13	29600822	Mesenchymal
32055	MTUS2	13	29608062	melanoma
32056	MTUS2	13	29608076	melanoma
32057	MTUS2	13	29608076	melanoma
32058	MTUS2	13	29933545	melanoma
32059	MTUS2	13	30014159	melanoma
32060	KATNAL1	13	30814643	melanoma
32061	USPL1	13	31196004	melanoma
32062	USPL1	13	31205545	melanoma
32063	USPL1	13	31231857	melanoma
32064	USPL1	13	31231857	melanoma
32065	ALOX5AP	13	31338215	melanoma
32066	ALOX5AP	13	31338215	melanoma
32067	ALOX5AP	13	31338215	melanoma
32068	HSPH1	13	31712931	lung
32069	HSPH1	13	31714326	lung
32070	RXFP2	13	32313760	melanoma
32071	RXFP2	13	32360555	melanoma
32072	RXFP2	13	32360742	lung
32073	FRY	13	32709247	melanoma

32074	FRY	13	32722007	melanoma
32075	FRY	13	32783863	melanoma
32076	FRY	13	32798518	melanoma
32077	FRY	13	32798518	melanoma
32078	FRY	13	32802713	melanoma
32079	FRY	13	32811854	melanoma
32080	FRY	13	32811854	melanoma
32081	FRY	13	32811854	melanoma
32082	FRY	13	32828419	melanoma
32083	FRY	13	32835844	IDHwt_priGBM2
32084	FRY	13	32841365	melanoma
32085	FRY	13	32849108	melanoma
32086	FRY	13	32850608	melanoma
32087	FRY	13	32850608	melanoma
32088	BRCA2	13	32906820	melanoma
32089	BRCA2	13	32906820	melanoma
32090	BRCA2	13	32906820	melanoma
32091	BRCA2	13	32907209	Codel
32092	BRCA2	13	32907209	Codel
32093	BRCA2	13	32907209	IDHmut
32094	BRCA2	13	32907209	IDHmut
32095	BRCA2	13	32907209	IDHmut_codel
32096	BRCA2	13	32907209	IDHmut_codel
32097	BRCA2	13	32907209	LGG GBM
32098	BRCA2	13	32907209	LGG GBM
32099	BRCA2	13	32907209	Proneural
32100	BRCA2	13	32907209	Proneural
32101	BRCA2	13	32911193	melanoma
32102	BRCA2	13	32913282	melanoma
32103	BRCA2	13	32913282	melanoma
32104	BRCA2	13	32913596	melanoma
32105	BRCA2	13	32921012	melanoma
32106	BRCA2	13	32921012	melanoma
32107	BRCA2	13	32921012	melanoma
32108	BRCA2	13	32972522	melanoma
32109	BRCA2	13	32972608	melanoma
32110	N4BP2L2	13	33110119	melanoma
32111	N4BP2L2	13	33110119	melanoma
32112	PDS5B	13	33241977	melanoma
32113	PDS5B	13	33268383	melanoma
32114	PDS5B	13	33306248	melanoma
32115	PDS5B	13	33327668	melanoma
32116	PDS5B	13	33334837	melanoma
32117	KL	13	33629198	melanoma
32118	KL	13	33638031	melanoma
32119	KL	13	33638052	IDHwt
32120	KL	13	33638052	IDHwt
32121	KL	13	33638052	IDHwt
32122	KL	13	33638052	LGG GBM
32123	KL	13	33638052	LGG GBM
32124	KL	13	33638052	LGG GBM
32125	KL	13	33638052	Mesenchymal_like
32126	KL	13	33638052	Mesenchymal_like
32127	KL	13	33638052	Mesenchymal_like
32128	KL	13	33638052	Neural
32129	KL	13	33638052	Neural
32130	KL	13	33638052	Neural
32131	STARD13	13	33684172	melanoma

32132	STARD13	13	33692355	melanoma
32133	STARD13	13	33692371	bladder
32134	STARD13	13	33703418	bladder
32135	NBEA	13	35615209	melanoma
32136	NBEA	13	35684957	melanoma
32137	NBEA	13	35684957	melanoma
32138	NBEA	13	35684957	melanoma
32139	NBEA	13	35685025	Gbm
32140	NBEA	13	35685025	IDHwt
32141	NBEA	13	35685025	IDHwt_priGBM
32142	NBEA	13	35685025	LGG GBM
32143	NBEA	13	35685025	Mesenchymal_like
32144	NBEA	13	35716408	melanoma
32145	NBEA	13	35770334	melanoma
32146	NBEA	13	35785286	melanoma
32147	NBEA	13	36006500	melanoma
32148	NBEA	13	36026306	melanoma
32149	NBEA	13	36026324	melanoma
32150	MAB21L1	13	36049503	melanoma
32151	MAB21L1	13	36050235	melanoma
32152	NBEA	13	36223967	Astr
32153	NBEA	13	36223967	GCIMP_high
32154	NBEA	13	36223967	IDHmut
32155	NBEA	13	36223967	IDHmut_noncodel
32156	NBEA	13	36223967	LGG GBM
32157	NBEA	13	36223967	Neural
32158	DCLK1	13	36402442	melanoma
32159	DCLK1	13	36445405	melanoma
32160	DCLK1	13	36445432	bladder
32161	DCLK1	13	36445432	bladder
32162	:169-SOHLH2;SO	13	36748670	Astr
32163	:169-SOHLH2;SO	13	36748670	IDHwt
32164	:169-SOHLH2;SO	13	36748670	LGG GBM
32165	:169-SOHLH2;SO	13	36748670	PA_like
32166	:169-SOHLH2;SO	13	36765999	melanoma
32167	SPG20	13	36909351	melanoma
32168	SUPT20H	13	37599525	melanoma
32169	CSNK1A1L	13	37679314	melanoma
32170	CSNK1A1L	13	37679314	melanoma
32171	CSNK1A1L	13	37679314	melanoma
32172	CSNK1A1L	13	37679366	melanoma
32173	CSNK1A1L	13	37679366	melanoma
32174	POSTN	13	38143490	Codel
32175	POSTN	13	38143490	Codel
32176	POSTN	13	38143490	IDHmut
32177	POSTN	13	38143490	IDHmut
32178	POSTN	13	38143490	IDHmut_codel
32179	POSTN	13	38143490	IDHmut_codel
32180	POSTN	13	38143490	LGG GBM
32181	POSTN	13	38143490	LGG GBM
32182	POSTN	13	38143490	Oligo
32183	POSTN	13	38143490	Oligo
32184	POSTN	13	38143490	Proneural
32185	POSTN	13	38143490	Proneural
32186	TRPC4	13	38211429	melanoma
32187	TRPC4	13	38211429	melanoma
32188	TRPC4	13	38213191	melanoma
32189	TRPC4	13	38248492	melanoma

32190	TRPC4	13	38320118	melanoma
32191	TRPC4	13	38357143	melanoma
32192	TRPC4	13	38357433	melanoma
32193	TRPC4	13	38357433	melanoma
32194	TRPC4	13	38357433	melanoma
32195	TRPC4	13	38357433	melanoma
32196	UFM1	13	38924334	lung
32197	UFM1	13	38924334	lung
32198	FREM2	13	39263924	melanoma
32199	FREM2	13	39264200	lung
32200	FREM2	13	39338470	melanoma
32201	FREM2	13	39338470	melanoma
32202	FREM2	13	39358865	melanoma
32203	FREM2	13	39420748	melanoma
32204	FREM2	13	39425119	bladder
32205	FREM2	13	39448721	melanoma
32206	FREM2	13	39448721	melanoma
32207	FREM2	13	39448721	melanoma
32208	FREM2	13	39448721	melanoma
32209	FREM2	13	39448721	melanoma
32210	FREM2	13	39453071	melanoma
32211	PROSER1	13	39587737	melanoma
32212	PROSER1	13	39596489	melanoma
32213	PROSER1	13	39603494	melanoma
32214	FOXO1	13	41134508	melanoma
32215	MRPS31	13	41303620	melanoma
32216	MRPS31	13	41333189	melanoma
32217	SLC25A15	13	41379349	Codel
32218	SLC25A15	13	41379349	IDHmut
32219	SLC25A15	13	41379349	IDHmut_codel
32220	SLC25A15	13	41379349	LGG GBM
32221	SLC25A15	13	41379349	Oligo
32222	SLC25A15	13	41379349	Proneural
32223	ELF1	13	41515183	melanoma
32224	WBP4	13	41650272	hnscc
32225	KBTBD6	13	41706014	melanoma
32226	KBTBD7	13	41767061	melanoma
32227	NAA16	13	41905482	bladder
32228	NAA16	13	41941722	hnscc
32229	VWA8	13	42457618	melanoma
32230	VWA8	13	42457618	melanoma
32231	VWA8	13	42457618	melanoma
32232	VWA8	13	42486248	melanoma
32233	AKAP11	13	42873802	melanoma
32234	AKAP11	13	42873802	melanoma
32235	AKAP11	13	42875230	melanoma
32236	AKAP11	13	42876052	melanoma
32237	AKAP11	13	42877453	melanoma
32238	FAM216B	13	43362823	melanoma
32239	LACC1	13	44456363	melanoma
32240	LACC1	13	44456363	melanoma
32241	NUFIP1	13	45533689	bladder
32242	KCTD4	13	45767952	melanoma
32243	SLC25A30	13	45980104	melanoma
32244	COG3	13	46050468	melanoma
32245	COG3	13	46050468	melanoma
32246	COG3	13	46050468	melanoma
32247	SIAH3	13	46357750	lung

32248	SIAH3	13	46357750	lung
32249	SIAH3	13	46357750	lung
32250	SIAH3	13	46357750	lung
32251	ZC3H13	13	46549530	Classic_like
32252	ZC3H13	13	46549530	Gbm
32253	ZC3H13	13	46549530	IDHwt
32254	ZC3H13	13	46549530	IDHwt_priGBM
32255	ZC3H13	13	46549530	LGG GBM
32256	RUBCNL	13	46919668	Astr
32257	RUBCNL	13	46919668	GCIMP_high
32258	RUBCNL	13	46919668	IDHmut
32259	RUBCNL	13	46919668	IDHmut_noncodel
32260	RUBCNL	13	46919668	LGG GBM
32261	RUBCNL	13	46919668	Neural
32262	RUBCNL	13	46924348	melanoma
32263	HTR2A	13	47409411	melanoma
32264	HTR2A	13	47409411	melanoma
32265	HTR2A	13	47409577	melanoma
32266	SUCLA2	13	48563039	melanoma
32267	RB1	13	48954326	melanoma
32268	RB1	13	49047503	melanoma
32269	RCBTB2	13	49075948	melanoma
32270	RCBTB2	13	49084786	melanoma
32271	RCBTB2	13	49086875	melanoma
32272	RCBTB2	13	49086875	melanoma
32273	RCBTB2	13	49096060	melanoma
32274	RCBTB2	13	49096060	melanoma
32275	CYSLTR2	13	49280991	melanoma
32276	CYSLTR2	13	49281228	melanoma
32277	CYSLTR2	13	49281611	Gbm
32278	CYSLTR2	13	49281611	IDHwt
32279	CYSLTR2	13	49281611	IDHwt_priGBM
32280	CYSLTR2	13	49281611	LGG GBM
32281	CYSLTR2	13	49281611	Mesenchymal_like
32282	CYSLTR2	13	49281611	Proneural
32283	FNDC3A	13	49742868	melanoma
32284	FNDC3A	13	49742868	melanoma
32285	FNDC3A	13	49752761	melanoma
32286	FNDC3A	13	49781271	melanoma
32287	CDADC1	13	49833618	melanoma
32288	CAB39L	13	49924930	melanoma
32289	DB2;SETDB2-PH	13	50034364	melanoma
32290	RCBTB1	13	50141357	melanoma
32291	EBPL	13	50235310	bladder
32292	EBPL	13	50243922	Gbm
32293	EBPL	13	50243922	IDHwt
32294	EBPL	13	50243922	IDHwt_priGBM
32295	EBPL	13	50243922	LGG GBM
32296	EBPL	13	50243922	Mesenchymal
32297	TRIM13	13	50586616	melanoma
32298	KCNRG	13	50589816	lung
32299	INTS6	13	51948436	melanoma
32300	WDFY2	13	52234797	Gbm
32301	WDFY2	13	52234797	IDHwt
32302	WDFY2	13	52234797	IDHwt_priGBM
32303	WDFY2	13	52234797	LGG GBM
32304	WDFY2	13	52234797	LGm6_GBM
32305	CCDC70	13	52439669	lung

32306	CCDC70	13	52439669	lung
32307	CCDC70	13	52439831	melanoma
32308	ATP7B	13	52511812	melanoma
32309	ATP7B	13	52516581	Codel
32310	ATP7B	13	52516581	IDHmut
32311	ATP7B	13	52516581	IDHmut_codel
32312	ATP7B	13	52516581	LGG GBM
32313	ATP7B	13	52516581	Oligo
32314	ATP7B	13	52516581	Proneural
32315	ATP7B	13	52534417	melanoma
32316	ATP7B	13	52534417	melanoma
32317	ATP7B	13	52534417	melanoma
32318	ATP7B	13	52534417	melanoma
32319	ATP7B	13	52548125	bladder
32320	UTP14C	13	52605093	melanoma
32321	UTP14C	13	52605093	melanoma
32322	UTP14C	13	52605093	melanoma
32323	UTP14C	13	52605093	melanoma
32324	NEK5	13	52661577	hnsc
32325	NEK3	13	52728101	melanoma
32326	THSD1	13	52952167	lung
32327	VPS36	13	52991272	melanoma
32328	PCDH8	13	53418849	lung
32329	PCDH8	13	53422150	bladder
32330	OLFM4	13	53603059	melanoma
32331	OLFM4	13	53603059	melanoma
32332	OLFM4	13	53603138	melanoma
32333	OLFM4	13	53603138	melanoma
32334	PCDH17	13	58208089	melanoma
32335	PCDH17	13	58240901	melanoma
32336	TDRD3	13	61102864	melanoma
32337	TDRD3	13	61103283	melanoma
32338	PCDH20	13	61986520	melanoma
32339	PCDH20	13	61989213	melanoma
32340	PCDH9	13	67799745	melanoma
32341	KLHL1	13	70456502	lung
32342	KLHL1	13	70514294	lung
32343	KLHL1	13	70681342	melanoma
32344	KLHL1	13	70681569	melanoma
32345	KLHL1	13	70681569	melanoma
32346	DACH1	13	72063190	melanoma
32347	DACH1	13	72131275	melanoma
32348	DACH1	13	72134056	melanoma
32349	DACH1	13	72147103	melanoma
32350	DACH1	13	72255947	melanoma
32351	DACH1	13	72440085	melanoma
32352	BORA	13	73303185	GCIMP_high
32353	BORA	13	73303185	IDHmut
32354	BORA	13	73303185	IDHmut_noncodel
32355	BORA	13	73303185	LGG GBM
32356	BORA	13	73303185	OligoAstr
32357	DIS3	13	73336212	melanoma
32358	DIS3	13	73336212	melanoma
32359	DIS3	13	73336212	melanoma
32360	PIBF1	13	73590022	melanoma
32361	KLF5	13	73636047	melanoma
32362	KLF12	13	74269721	melanoma
32363	KLF12	13	74269721	melanoma

32364	KLF12	13	74420131	bladder
32365	KLF12	13	74420131	bladder
32366	KLF12	13	74420131	bladder
32367	KLF12	13	74420131	bladder
32368	KLF12	13	74420137	melanoma
32369	TBC1D4	13	75873512	Astr
32370	TBC1D4	13	75873512	GCIMP_high
32371	TBC1D4	13	75873512	IDHmut
32372	TBC1D4	13	75873512	IDHmut_noncodel
32373	TBC1D4	13	75873512	LGG GBM
32374	TBC1D4	13	75873512	Proneural
32375	TBC1D4	13	75886912	melanoma
32376	LMO7	13	76379880	melanoma
32377	LMO7	13	76381735	melanoma
32378	LMO7	13	76395363	melanoma
32379	LMO7	13	76395611	melanoma
32380	CLN5	13	77574679	melanoma
32381	FBXL3	13	77581801	melanoma
32382	FBXL3	13	77595872	melanoma
32383	MYCBP2	13	77669695	melanoma
32384	MYCBP2	13	77673010	lung
32385	MYCBP2	13	77754435	melanoma
32386	MYCBP2	13	77754435	melanoma
32387	MYCBP2	13	77844139	GCIMP_high
32388	MYCBP2	13	77844139	IDHmut
32389	MYCBP2	13	77844139	IDHmut_noncodel
32390	MYCBP2	13	77844139	LGG GBM
32391	MYCBP2	13	77844139	Oligo
32392	MYCBP2	13	77852982	melanoma
32393	MYCBP2	13	77852982	melanoma
32394	MYCBP2	13	77852982	melanoma
32395	MYCBP2	13	77862494	Astr
32396	MYCBP2	13	77862494	GCIMP_high
32397	MYCBP2	13	77862494	IDHmut
32398	MYCBP2	13	77862494	IDHmut_noncodel
32399	MYCBP2	13	77862494	LGG GBM
32400	MYCBP2	13	77862494	Mesenchymal
32401	SCEL	13	78130811	melanoma
32402	SCEL	13	78130811	melanoma
32403	SCEL	13	78163334	melanoma
32404	POU4F1	13	79177454	melanoma
32405	POU4F1	13	79177454	melanoma
32406	RNF219	13	79190730	melanoma
32407	SPRY2	13	80911564	melanoma
32408	SLITRK1	13	84453964	lung
32409	SLITRK1	13	84454567	melanoma
32410	SLITRK1	13	84454703	melanoma
32411	SLITRK1	13	84454715	melanoma
32412	SLITRK1	13	84454715	melanoma
32413	SLITRK1	13	84454715	melanoma
32414	SLITRK6	13	86368978	Astr
32415	SLITRK6	13	86368978	Classic_like
32416	SLITRK6	13	86368978	IDHwt
32417	SLITRK6	13	86368978	LGG GBM
32418	SLITRK6	13	86368978	Neural
32419	SLITRK6	13	86369427	melanoma
32420	SLITRK6	13	86369452	melanoma
32421	SLITRK6	13	86370348	Codel

32422	SLITRK6	13	86370348	IDHmut
32423	SLITRK6	13	86370348	IDHmut_codel
32424	SLITRK6	13	86370348	LGG GBM
32425	SLITRK6	13	86370348	Oligo
32426	SLITRK6	13	86370348	Proneural
32427	SLITRK5	13	88330482	melanoma
32428	DCT	13	95097989	melanoma
32429	DCT	13	95097989	melanoma
32430	DCT	13	95112355	melanoma
32431	DCT	13	95112355	melanoma
32432	DCT	13	95112355	melanoma
32433	DCT	13	95112355	melanoma
32434	ABCC4	13	95822859	melanoma
32435	ABCC4	13	95830296	melanoma
32436	ABCC4	13	95858863	melanoma
32437	ABCC4	13	95860153	lung
32438	DZIP1	13	96274626	melanoma
32439	DNAJC3	13	96375528	melanoma
32440	DNAJC3	13	96375528	melanoma
32441	UGGT2	13	96600263	melanoma
32442	UGGT2	13	96638647	melanoma
32443	UGGT2	13	96638647	melanoma
32444	HS6ST3	13	97485190	melanoma
32445	OXGR1	13	97639725	melanoma
32446	OXGR1	13	97639725	melanoma
32447	MBNL2	13	97999305	melanoma
32448	MBNL2	13	97999305	melanoma
32449	IPO5	13	98658457	Astr
32450	IPO5	13	98658457	GCIMP_high
32451	IPO5	13	98658457	IDHmut
32452	IPO5	13	98658457	IDHmut_noncodel
32453	IPO5	13	98658457	LGG GBM
32454	FARP1	13	99090033	melanoma
32455	STK24	13	99127124	melanoma
32456	SLC15A1	13	99337076	melanoma
32457	SLC15A1	13	99337076	melanoma
32458	SLC15A1	13	99339938	melanoma
32459	SLC15A1	13	99360966	melanoma
32460	SLC15A1	13	99362128	melanoma
32461	SLC15A1	13	99362128	melanoma
32462	SLC15A1	13	99378425	Gbm
32463	SLC15A1	13	99378425	Gbm
32464	SLC15A1	13	99378425	GCIMP_high
32465	SLC15A1	13	99378425	GCIMP_high
32466	SLC15A1	13	99378425	IDHmut
32467	SLC15A1	13	99378425	IDHmut
32468	SLC15A1	13	99378425	IDHmut_noncodel
32469	SLC15A1	13	99378425	IDHmut_noncodel
32470	SLC15A1	13	99378425	LGG GBM
32471	SLC15A1	13	99378425	LGG GBM
32472	DOCK9	13	99537343	melanoma
32473	GPR18	13	99907202	lung
32474	TM9SF2	13	100153948	melanoma
32475	CLYBL	13	100511125	melanoma
32476	CLYBL	13	100518610	melanoma
32477	ZIC5	13	100622842	melanoma
32478	PCCA	13	100909888	melanoma
32479	PCCA	13	101179992	melanoma

32480	TMTC4	13	101258641	melanoma
32481	TMTC4	13	101289850	melanoma
32482	TMTC4	13	101294550	Codel
32483	TMTC4	13	101294550	IDHmut
32484	TMTC4	13	101294550	IDHmut_codel
32485	TMTC4	13	101294550	LGG GBM
32486	TMTC4	13	101294550	Proneural
32487	TMTC4	13	101315357	Classic
32488	TMTC4	13	101315357	Gbm
32489	TMTC4	13	101315357	IDHwt
32490	TMTC4	13	101315357	IDHwt_priGBM
32491	TMTC4	13	101315357	LGG GBM
32492	NALCN	13	101717769	melanoma
32493	NALCN	13	101733934	melanoma
32494	NALCN	13	101733934	melanoma
32495	NALCN	13	101735450	melanoma
32496	NALCN	13	101742253	melanoma
32497	NALCN	13	101797175	melanoma
32498	NALCN	13	101844291	melanoma
32499	ITGBL1	13	102250643	lung
32500	FGF14	13	102375254	Classic
32501	FGF14	13	102375254	Gbm
32502	FGF14	13	102375254	IDHwt
32503	FGF14	13	102375254	IDHwt_priGBM
32504	FGF14	13	102375254	LGG GBM
32505	FGF14	13	102375254	Mesenchymal_like
32506	FGF14	13	102379073	melanoma
32507	FGF14	13	102521086	melanoma
32508	FGF14	13	102521098	melanoma
32509	TPP2	13	103295616	melanoma
32510	TPP2	13	103295616	melanoma
32511	TPP2	13	103297296	melanoma
32512	TPP2	13	103299660	Astr
32513	TPP2	13	103299660	Astr
32514	TPP2	13	103299660	Astr
32515	TPP2	13	103299660	Classic
32516	TPP2	13	103299660	Classic
32517	TPP2	13	103299660	Classic
32518	TPP2	13	103299660	IDHwt
32519	TPP2	13	103299660	IDHwt
32520	TPP2	13	103299660	IDHwt
32521	TPP2	13	103299660	LGG GBM
32522	TPP2	13	103299660	LGG GBM
32523	TPP2	13	103299660	LGG GBM
32524	TPP2	13	103299660	Mesenchymal_like
32525	TPP2	13	103299660	Mesenchymal_like
32526	TPP2	13	103299660	Mesenchymal_like
32527	CCDC168	13	103382997	melanoma
32528	CCDC168	13	103382997	melanoma
32529	SLC10A2	13	103703659	melanoma
32530	SLC10A2	13	103703659	melanoma
32531	SLC10A2	13	103705005	melanoma
32532	SLC10A2	13	103705005	melanoma
32533	SLC10A2	13	103705025	melanoma
32534	SLC10A2	13	103710695	Codel
32535	SLC10A2	13	103710695	IDHmut
32536	SLC10A2	13	103710695	IDHmut_codel
32537	SLC10A2	13	103710695	LGG GBM

32538	SLC10A2	13	103710695	Oligo
32539	SLC10A2	13	103710695	Proneural
32540	FAM155A	13	108518479	melanoma
32541	LIG4	13	108863573	Astr
32542	LIG4	13	108863573	Classic
32543	LIG4	13	108863573	IDHwt
32544	LIG4	13	108863573	LGG GBM
32545	LIG4	13	108863573	Mesenchymal_like
32546	ABHD13	13	108882243	GCIMP_high
32547	ABHD13	13	108882243	IDHmut
32548	ABHD13	13	108882243	IDHmut_noncodel
32549	ABHD13	13	108882243	LGG GBM
32550	ABHD13	13	108882243	Oligo
32551	ABHD13	13	108882243	Proneural
32552	MYO16	13	109379830	lung
32553	MYO16	13	109707409	melanoma
32554	MYO16	13	109707409	melanoma
32555	IRS2	13	110435378	melanoma
32556	IRS2	13	110435378	melanoma
32557	IRS2	13	110435378	melanoma
32558	IRS2	13	110438046	melanoma
32559	IRS2	13	110438046	melanoma
32560	IRS2	13	110438046	melanoma
32561	COL4A1	13	110819567	melanoma
32562	COL4A1	13	110819567	melanoma
32563	COL4A1	13	110826303	melanoma
32564	COL4A2	13	111158936	IDHwt_priGBM2
32565	CARS2	13	111340076	melanoma
32566	CARS2	13	111340076	melanoma
32567	CARS2	13	111340094	melanoma
32568	CARS2	13	111357905	melanoma
32569	ING1	13	111368175	melanoma
32570	ANKRD10	13	111532388	Gbm
32571	ANKRD10	13	111532388	IDHwt
32572	ANKRD10	13	111532388	IDHwt_priGBM
32573	ANKRD10	13	111532388	LGG GBM
32574	ANKRD10	13	111546506	melanoma
32575	TEX29	13	111973266	melanoma
32576	TUBGCP3	13	113140411	melanoma
32577	TUBGCP3	13	113181716	melanoma
32578	TUBGCP3	13	113212639	melanoma
32579	MCF2L	13	113732734	melanoma
32580	MCF2L	13	113740532	melanoma
32581	F10	13	113777179	melanoma
32582	GRTP1	13	113978827	melanoma
32583	ADPRHL1	13	114083405	melanoma
32584	ATP4B	13	114307660	lung
32585	ATP4B	13	114307660	lung
32586	ATP4B	13	114309171	melanoma
32587	ATP4B	13	114309171	melanoma
32588	ATP4B	13	114309171	melanoma
32589	GRK1	13	114438091	bladder
32590	TMEM255B	13	114507939	Gbm
32591	TMEM255B	13	114507939	IDHwt
32592	TMEM255B	13	114507939	IDHwt_priGBM
32593	TMEM255B	13	114507939	LGG GBM
32594	TMEM255B	13	114507939	Mesenchymal
32595	GAS6	13	114542817	melanoma

32596	GAS6	13	114542817	melanoma
32597	CDC16	13	115008811	bladder
32598	CDC16	13	115022687	melanoma
32599	UPF3A	13	115047556	melanoma
32600	CHAMP1	13	115090554	melanoma
32601	CHAMP1	13	115090554	melanoma
32602	CHAMP1	13	115091376	lung
32603	OR11H12	14	19378056	melanoma
32604	POTEG	14	19563505	hnsc
32605	POTEG	14	19563505	hnsc
32606	POTEG	14	19563505	hnsc
32607	POTEM	14	20010208	melanoma
32608	POTEM	14	20010208	melanoma
32609	POTEM	14	20010208	melanoma
32610	OR4Q3	14	20215884	melanoma
32611	OR4Q3	14	20215930	Gbm
32612	OR4Q3	14	20215930	IDHwt
32613	OR4Q3	14	20215930	IDHwt_priGBM
32614	OR4Q3	14	20215930	LGG GBM
32615	OR4Q3	14	20215930	Mesenchymal_like
32616	OR4Q3	14	20215930	Proneural
32617	OR4M1	14	20248557	Codel
32618	OR4M1	14	20248557	IDHmut
32619	OR4M1	14	20248557	IDHmut_codel
32620	OR4M1	14	20248557	LGG GBM
32621	OR4M1	14	20248557	Oligo
32622	OR4M1	14	20248557	Proneural
32623	OR4M1	14	20248743	melanoma
32624	OR4M1	14	20248743	melanoma
32625	OR4M1	14	20248759	melanoma
32626	OR4M1	14	20248896	Gbm
32627	OR4M1	14	20248896	IDHwt
32628	OR4M1	14	20248896	IDHwt_priGBM
32629	OR4M1	14	20248896	LGG GBM
32630	OR4M1	14	20248896	Mesenchymal_like
32631	OR4M1	14	20249212	melanoma
32632	OR4M1	14	20249325	melanoma
32633	OR4M1	14	20249336	bladder
32634	OR4M1	14	20249338	Gbm
32635	OR4M1	14	20249338	Gbm
32636	OR4M1	14	20249338	IDHwt
32637	OR4M1	14	20249338	IDHwt
32638	OR4M1	14	20249338	IDHwt_priGBM
32639	OR4M1	14	20249338	IDHwt_priGBM
32640	OR4M1	14	20249338	LGG GBM
32641	OR4M1	14	20249338	LGG GBM
32642	OR4M1	14	20249338	Mesenchymal_like
32643	OR4M1	14	20249338	Mesenchymal_like
32644	OR4N2	14	20295638	melanoma
32645	OR4N2	14	20295638	melanoma
32646	OR4N2	14	20295638	melanoma
32647	OR4N2	14	20295845	Astr
32648	OR4N2	14	20295845	IDHwt
32649	OR4N2	14	20295845	LGG GBM
32650	OR4N2	14	20295845	Mesenchymal_like
32651	OR4N2	14	20295885	melanoma
32652	OR4N2	14	20296217	melanoma
32653	OR4N2	14	20296403	melanoma

32654	OR4N2	14	20296414	melanoma
32655	OR4N2	14	20296445	melanoma
32656	OR4K2	14	20344475	melanoma
32657	OR4K2	14	20344485	melanoma
32658	OR4K2	14	20344485	melanoma
32659	OR4K2	14	20344485	melanoma
32660	OR4K2	14	20344857	Gbm
32661	OR4K2	14	20344857	IDHwt
32662	OR4K2	14	20344857	IDHwt_priGBM
32663	OR4K2	14	20344857	LGG GBM
32664	OR4K2	14	20344857	Mesenchymal_like
32665	OR4K2	14	20345115	melanoma
32666	OR4K2	14	20345115	melanoma
32667	OR4K5	14	20388887	melanoma
32668	OR4K5	14	20389017	melanoma
32669	OR4K5	14	20389150	melanoma
32670	OR4K5	14	20389150	melanoma
32671	OR4K5	14	20389510	melanoma
32672	OR4K5	14	20389586	bladder
32673	OR4K1	14	20404268	melanoma
32674	OR4K1	14	20404274	Classic_like
32675	OR4K1	14	20404274	Gbm
32676	OR4K1	14	20404274	IDHwt
32677	OR4K1	14	20404274	IDHwt_priGBM
32678	OR4K1	14	20404274	LGG GBM
32679	OR4K1	14	20404519	lung
32680	OR4K1	14	20404624	melanoma
32681	OR4K1	14	20404715	melanoma
32682	OR4K15	14	20443697	melanoma
32683	OR4K15	14	20443871	lung
32684	OR4K15	14	20444128	melanoma
32685	OR4K15	14	20444378	melanoma
32686	OR4K15	14	20444672	lung
32687	OR4K13	14	20502107	melanoma
32688	OR4K13	14	20502347	melanoma
32689	OR4K13	14	20502722	melanoma
32690	OR4K13	14	20502780	lung
32691	OR4L1	14	20528255	lung
32692	OR4L1	14	20528361	melanoma
32693	OR4L1	14	20528361	melanoma
32694	OR4L1	14	20528390	melanoma
32695	OR4L1	14	20528390	melanoma
32696	OR4L1	14	20528495	Codel
32697	OR4L1	14	20528495	IDHmut
32698	OR4L1	14	20528495	IDHmut_codel
32699	OR4L1	14	20528495	LGG GBM
32700	OR4L1	14	20528495	Oligo
32701	OR4L1	14	20528747	melanoma
32702	OR4L1	14	20528769	melanoma
32703	OR4L1	14	20528769	melanoma
32704	OR4K17	14	20586091	lung
32705	OR4N5	14	20612115	melanoma
32706	OR4N5	14	20612115	melanoma
32707	OR4N5	14	20612534	melanoma
32708	OR4N5	14	20612534	melanoma
32709	OR11G2	14	20665925	melanoma
32710	OR11H6	14	20691900	melanoma
32711	TTC5	14	20760171	Gbm

32712	TTC5	14	20760171	IDHwt
32713	TTC5	14	20760171	IDHwt_priGBM
32714	TTC5	14	20760171	LGG GBM
32715	TTC5	14	20760171	Mesenchymal_like
32716	TEP1	14	20837532	melanoma
32717	TEP1	14	20846220	Astr
32718	TEP1	14	20846220	Astr
32719	TEP1	14	20846220	IDHwt
32720	TEP1	14	20846220	IDHwt
32721	TEP1	14	20846220	LGG GBM
32722	TEP1	14	20846220	LGG GBM
32723	TEP1	14	20846220	Neural
32724	TEP1	14	20846220	Neural
32725	TEP1	14	20846220	PA_like
32726	TEP1	14	20846220	PA_like
32727	TEP1	14	20852650	lung
32728	TEP1	14	20854724	melanoma
32729	OSGEP	14	20917340	lung
32730	TMEM55B	14	20926749	lung
32731	RNASE9	14	21025141	melanoma
32732	RNASE11	14	21052224	bladder
32733	RNASE11	14	21052224	bladder
32734	RNASE11	14	21052270	Gbm
32735	RNASE11	14	21052270	IDHwt
32736	RNASE11	14	21052270	IDHwt_priGBM
32737	RNASE11	14	21052270	LGG GBM
32738	RNASE11	14	21052270	Mesenchymal
32739	RNASE11	14	21052270	Mesenchymal_like
32740	OR6S1	14	21109327	melanoma
32741	OR6S1	14	21109331	melanoma
32742	RNASE4	14	21167840	melanoma
32743	RNASE3	14	21359852	melanoma
32744	METTL17	14	21464875	lung
32745	SLC39A2	14	21467621	melanoma
32746	RNASE8	14	21526423	Codel
32747	RNASE8	14	21526423	IDHmut
32748	RNASE8	14	21526423	IDHmut_codel
32749	RNASE8	14	21526423	LGG GBM
32750	RNASE8	14	21526423	Neural
32751	RNASE8	14	21526423	Oligo
32752	ARHGEF40	14	21542883	melanoma
32753	ARHGEF40	14	21543145	melanoma
32754	SUPT16H	14	21826140	bladder
32755	CHD8	14	21862199	melanoma
32756	CHD8	14	21876530	Gbm
32757	CHD8	14	21876530	IDHwt
32758	CHD8	14	21876530	IDHwt_priGBM
32759	CHD8	14	21876530	LGG GBM
32760	CHD8	14	21876530	Mesenchymal
32761	CHD8	14	21876530	Mesenchymal_like
32762	CHD8	14	21884050	IDHwt
32763	CHD8	14	21884050	LGG GBM
32764	CHD8	14	21884050	Mesenchymal_like
32765	CHD8	14	21884050	Oligo
32766	METTL3	14	21971952	lung
32767	SALL2	14	21993243	bladder
32768	OR10G3	14	22038823	melanoma
32769	OR10G3	14	22038823	melanoma

32770	OR10G3	14	22038824	melanoma
32771	OR10G3	14	22038872	melanoma
32772	OR10G2	14	22102379	GCIMP_low
32773	OR10G2	14	22102379	IDHmut
32774	OR10G2	14	22102379	IDHmut_noncodel
32775	OR10G2	14	22102379	LGG GBM
32776	OR10G2	14	22102379	Mesenchymal
32777	OR10G2	14	22102600	Codel
32778	OR10G2	14	22102600	Codel
32779	OR10G2	14	22102600	IDHmut
32780	OR10G2	14	22102600	IDHmut
32781	OR10G2	14	22102600	IDHmut_codel
32782	OR10G2	14	22102600	IDHmut_codel
32783	OR10G2	14	22102600	LGG GBM
32784	OR10G2	14	22102600	LGG GBM
32785	OR10G2	14	22102600	Proneural
32786	OR10G2	14	22102600	Proneural
32787	OR10G2	14	22102662	melanoma
32788	OR10G2	14	22102746	Gbm
32789	OR10G2	14	22102746	Gbm
32790	OR10G2	14	22102746	Gbm
32791	OR10G2	14	22102746	Gbm
32792	OR10G2	14	22102746	Gbm
32793	OR10G2	14	22102746	IDHwt
32794	OR10G2	14	22102746	IDHwt
32795	OR10G2	14	22102746	IDHwt
32796	OR10G2	14	22102746	IDHwt
32797	OR10G2	14	22102746	IDHwt
32798	OR10G2	14	22102746	IDHwt_priGBM
32799	OR10G2	14	22102746	IDHwt_priGBM
32800	OR10G2	14	22102746	IDHwt_priGBM
32801	OR10G2	14	22102746	IDHwt_priGBM
32802	OR10G2	14	22102746	IDHwt_priGBM
32803	OR10G2	14	22102746	LGG GBM
32804	OR10G2	14	22102746	LGG GBM
32805	OR10G2	14	22102746	LGG GBM
32806	OR10G2	14	22102746	LGG GBM
32807	OR10G2	14	22102746	LGG GBM
32808	OR10G2	14	22102746	Mesenchymal
32809	OR10G2	14	22102746	Mesenchymal
32810	OR10G2	14	22102746	Mesenchymal
32811	OR10G2	14	22102746	Mesenchymal
32812	OR10G2	14	22102746	Mesenchymal
32813	OR10G2	14	22102925	melanoma
32814	OR4E2	14	22133796	melanoma
32815	OR4E2	14	22133796	melanoma
32816	DAD1	14	23044040	melanoma
32817	DAD1	14	23044040	melanoma
32818	DAD1	14	23058038	GCIMP_high
32819	DAD1	14	23058038	GCIMP_high
32820	DAD1	14	23058038	IDHmut
32821	DAD1	14	23058038	IDHmut
32822	DAD1	14	23058038	IDHmut_noncodel
32823	DAD1	14	23058038	IDHmut_noncodel
32824	DAD1	14	23058038	LGG GBM
32825	DAD1	14	23058038	LGG GBM
32826	DAD1	14	23058038	OligoAstr
32827	DAD1	14	23058038	OligoAstr

32828	DAD1	14	23058038	Proneural
32829	DAD1	14	23058038	Proneural
32830	ABHD4	14	23078811	melanoma
32831	OXA1L	14	23235899	melanoma
32832	OXA1L	14	23239414	melanoma
32833	LRP10	14	23346618	melanoma
32834	PRMT5	14	23396739	melanoma
32835	PRMT5	14	23396739	melanoma
32836	PSMB11	14	23511484	melanoma
32837	PSMB11	14	23512042	melanoma
32838	CDH24	14	23522891	melanoma
32839	CDH24	14	23522891	melanoma
32840	ACIN1	14	23532702	melanoma
32841	SLC7A8	14	23600746	Classic_like
32842	SLC7A8	14	23600746	Gbm
32843	SLC7A8	14	23600746	IDHwt
32844	SLC7A8	14	23600746	IDHwt_priGBM
32845	SLC7A8	14	23600746	LGG GBM
32846	SLC7A8	14	23600746	Mesenchymal
32847	SLC7A8	14	23608641	melanoma
32848	SLC22A17	14	23816921	melanoma
32849	SLC22A17	14	23817740	melanoma
32850	SLC22A17	14	23817740	melanoma
32851	EFS	14	23826856	melanoma
32852	EFS	14	23829436	melanoma
32853	CMTM5	14	23846555	melanoma
32854	CMTM5	14	23846555	melanoma
32855	CMTM5	14	23847972	melanoma
32856	MYH6	14	23851693	bladder
32857	MYH6	14	23855602	melanoma
32858	MYH6	14	23874889	melanoma
32859	MYH7	14	23884939	melanoma
32860	MYH7	14	23885291	melanoma
32861	MYH7	14	23888421	melanoma
32862	MYH7	14	23899064	lung
32863	AP1G2	14	24035323	bladder
32864	DHRS4	14	24424339	melanoma
32865	CARMIL3	14	24523973	melanoma
32866	CARMIL3	14	24526205	melanoma
32867	CARMIL3	14	24528152	melanoma
32868	CARMIL3	14	24528171	melanoma
32869	CARMIL3	14	24528575	melanoma
32870	CPNE6	14	24545621	melanoma
32871	PCK2	14	24572833	melanoma
32872	PSME1	14	24605496	lung
32873	EMC9	14	24610456	melanoma
32874	PSME2	14	24614281	melanoma
32875	RNF31	14	24619433	melanoma
32876	RNF31	14	24629497	melanoma
32877	IRF9	14	24633331	melanoma
32878	IRF9	14	24633332	melanoma
32879	IRF9	14	24633332	melanoma
32880	IRF9	14	24635334	Gbm
32881	IRF9	14	24635334	Gbm
32882	IRF9	14	24635334	IDHwt
32883	IRF9	14	24635334	IDHwt
32884	IRF9	14	24635334	IDHwt_priGBM
32885	IRF9	14	24635334	IDHwt_priGBM

32886	IRF9	14	24635334	LGG GBM
32887	IRF9	14	24635334	LGG GBM
32888	IRF9	14	24635334	Mesenchymal_like
32889	IRF9	14	24635334	Mesenchymal_like
32890	REC8	14	24642127	Gbm
32891	REC8	14	24642127	IDHwt
32892	REC8	14	24642127	IDHwt_priGBM
32893	REC8	14	24642127	LGG GBM
32894	REC8	14	24642127	Mesenchymal_like
32895	IPO4	14	24653934	melanoma
32896	IPO4	14	24655922	Codel
32897	IPO4	14	24655922	IDHmut
32898	IPO4	14	24655922	IDHmut_codel
32899	IPO4	14	24655922	LGG GBM
32900	IPO4	14	24655922	Proneural
32901	TSSK4	14	24676624	melanoma
32902	GMPR2	14	24704979	melanoma
32903	GMPR2	14	24705299	bladder
32904	GMPR2	14	24706325	melanoma
32905	GMPR2	14	24706325	melanoma
32906	TINF2	14	24709092	melanoma
32907	TINF2	14	24709096	bladder
32908	TINF2	14	24709314	melanoma
32909	TINF2	14	24709486	melanoma
32910	TGM1	14	24724660	lung
32911	TGM1	14	24724690	melanoma
32912	TGM1	14	24725250	melanoma
32913	TGM1	14	24725250	melanoma
32914	RABGGTA	14	24739285	Gbm
32915	RABGGTA	14	24739285	IDHwt
32916	RABGGTA	14	24739285	IDHwt_priGBM
32917	RABGGTA	14	24739285	LGG GBM
32918	RABGGTA	14	24739285	Mesenchymal_like
32919	DHRS1	14	24761479	lung
32920	DHRS1	14	24761479	lung
32921	NOP9	14	24770040	bladder
32922	NOP9	14	24773437	melanoma
32923	NOP9	14	24773437	melanoma
32924	LTB4R	14	24785291	melanoma
32925	ADCY4	14	24787720	GCIMP_high
32926	ADCY4	14	24787720	IDHmut
32927	ADCY4	14	24787720	IDHmut_noncodel
32928	ADCY4	14	24787720	LGG GBM
32929	ADCY4	14	24787720	OligoAstr
32930	ADCY4	14	24787720	Proneural
32931	ADCY4	14	24791319	melanoma
32932	ADCY4	14	24793338	Astr
32933	ADCY4	14	24793338	Classic
32934	ADCY4	14	24793338	Classic_like
32935	ADCY4	14	24793338	IDHwt
32936	ADCY4	14	24793338	LGG GBM
32937	ADCY4	14	24793557	melanoma
32938	NFATC4	14	24842509	melanoma
32939	NFATC4	14	24843589	melanoma
32940	NFATC4	14	24843589	melanoma
32941	NFATC4	14	24843589	melanoma
32942	NFATC4	14	24845826	Gbm
32943	NFATC4	14	24845826	IDHwt

32944	NFATC4	14	24845826	IDHwt_priGBM
32945	NFATC4	14	24845826	LGG GBM
32946	NFATC4	14	24845826	Mesenchymal_like
32947	NFATC4	14	24845826	Neural
32948	NYNRIN	14	24877682	melanoma
32949	NYNRIN	14	24878882	Classic
32950	NYNRIN	14	24878882	Gbm
32951	NYNRIN	14	24878882	IDHwt
32952	NYNRIN	14	24878882	IDHwt_priGBM
32953	NYNRIN	14	24878882	LGG GBM
32954	NYNRIN	14	24878882	Mesenchymal_like
32955	NYNRIN	14	24884059	melanoma
32956	NYNRIN	14	24884059	melanoma
32957	NYNRIN	14	24884142	melanoma
32958	NYNRIN	14	24884614	melanoma
32959	NYNRIN	14	24884851	melanoma
32960	NYNRIN	14	24884851	melanoma
32961	NYNRIN	14	24885891	melanoma
32962	NYNRIN	14	24886263	melanoma
32963	CBLN3	14	24897551	melanoma
32964	KHNYN	14	24905631	melanoma
32965	CMA1	14	24976583	Gbm
32966	CMA1	14	24976583	IDHwt
32967	CMA1	14	24976583	IDHwt_priGBM
32968	CMA1	14	24976583	LGG GBM
32969	CMA1	14	24976583	Mesenchymal_like
32970	GZMH	14	25076458	melanoma
32971	GZMH	14	25077582	lung
32972	GZMH	14	25077582	lung
32973	GZMH	14	25078789	melanoma
32974	GZMH	14	25078789	melanoma
32975	NOVA1	14	26917878	melanoma
32976	NOVA1	14	26917878	melanoma
32977	FOXG1	14	29237185	Classic
32978	FOXG1	14	29237185	Classic_like
32979	FOXG1	14	29237185	Gbm
32980	FOXG1	14	29237185	IDHwt
32981	FOXG1	14	29237185	IDHwt_priGBM
32982	FOXG1	14	29237185	LGG GBM
32983	FOXG1	14	29237807	melanoma
32984	COCH	14	31348670	GCIMP_high
32985	COCH	14	31348670	IDHmut
32986	COCH	14	31348670	IDHmut_noncodel
32987	COCH	14	31348670	LGG GBM
32988	COCH	14	31348670	Neural
32989	COCH	14	31348670	OligoAstr
32990	COCH	14	31354660	melanoma
32991	COCH	14	31354702	melanoma
32992	COCH	14	31355075	melanoma
32993	STRN3	14	31382810	lung
32994	AP4S1	14	31539070	melanoma
32995	AP4S1	14	31539070	melanoma
32996	HECTD1	14	31585547	melanoma
32997	HECTD1	14	31604351	lung
32998	HECTD1	14	31626132	melanoma
32999	HEATR5A	14	31771635	melanoma
33000	HEATR5A	14	31771635	melanoma
33001	HEATR5A	14	31795473	melanoma

33002	HEATR5A	14	31856348	bladder
33003	NUBPL	14	32031326	melanoma
33004	ARHGAP5	14	32560394	melanoma
33005	ARHGAP5	14	32560404	melanoma
33006	ARHGAP5	14	32560404	melanoma
33007	ARHGAP5	14	32562031	lung
33008	ARHGAP5	14	32562031	lung
33009	ARHGAP5	14	32562032	lung
33010	ARHGAP5	14	32563261	melanoma
33011	AKAP6	14	32902932	lung
33012	AKAP6	14	33291517	melanoma
33013	AKAP6	14	33292369	melanoma
33014	AKAP6	14	33293915	melanoma
33015	NPAS3	14	33684537	Gbm
33016	NPAS3	14	33684537	IDHwt
33017	NPAS3	14	33684537	IDHwt_priGBM
33018	NPAS3	14	33684537	LGG GBM
33019	NPAS3	14	33684537	Mesenchymal_like
33020	NPAS3	14	34029394	melanoma
33021	NPAS3	14	34029394	melanoma
33022	EGLN3	14	34398297	melanoma
33023	BAZ1A	14	35234256	lung
33024	KIAA0391	14	35649969	melanoma
33025	KIAA0391	14	35739663	melanoma
33026	KIAA0391	14	35739708	melanoma
33027	PSMA6	14	35780038	melanoma
33028	NFKBIA	14	35871748	melanoma
33029	INSM2	14	36005121	melanoma
33030	INSM2	14	36005121	melanoma
33031	RALGAPA1	14	36041768	melanoma
33032	RALGAPA1	14	36097115	lung
33033	RALGAPA1	14	36097115	lung
33034	RALGAPA1	14	36125119	melanoma
33035	RALGAPA1	14	36125119	melanoma
33036	PAX9	14	37132471	melanoma
33037	SLC25A21	14	37180573	melanoma
33038	FOXA1	14	38060925	melanoma
33039	TTC6	14	38278014	bladder
33040	TTC6	14	38278014	bladder
33041	TTC6	14	38286819	Classic
33042	TTC6	14	38286819	Classic
33043	TTC6	14	38286819	Classic_like
33044	TTC6	14	38286819	Classic_like
33045	TTC6	14	38286819	Gbm
33046	TTC6	14	38286819	Gbm
33047	TTC6	14	38286819	IDHwt
33048	TTC6	14	38286819	IDHwt
33049	TTC6	14	38286819	IDHwt_priGBM
33050	TTC6	14	38286819	IDHwt_priGBM
33051	TTC6	14	38286819	LGG GBM
33052	TTC6	14	38286819	LGG GBM
33053	TTC6	14	38296567	melanoma
33054	SSTR1	14	38679397	melanoma
33055	SSTR1	14	38679462	melanoma
33056	CLEC14A	14	38723845	Classic
33057	CLEC14A	14	38723845	Classic_like
33058	CLEC14A	14	38723845	Gbm
33059	CLEC14A	14	38723845	IDHwt

33060	CLEC14A	14	38723845	IDHwt_priGBM
33061	CLEC14A	14	38723845	LGG GBM
33062	CLEC14A	14	38724179	melanoma
33063	CLEC14A	14	38724241	lung
33064	SEC23A	14	39543626	melanoma
33065	MIA2	14	39762566	lung
33066	MIA2	14	39771350	melanoma
33067	MIA2	14	39815213	melanoma
33068	LRFN5	14	42356105	melanoma
33069	LRFN5	14	42356105	melanoma
33070	LRFN5	14	42356387	melanoma
33071	LRFN5	14	42356516	melanoma
33072	LRFN5	14	42356516	melanoma
33073	LRFN5	14	42356534	melanoma
33074	LRFN5	14	42356720	Classic like
33075	LRFN5	14	42356720	Gbm
33076	LRFN5	14	42356720	IDHwt
33077	LRFN5	14	42356720	IDHwt_priGBM
33078	LRFN5	14	42356720	LGG GBM
33079	LRFN5	14	42356840	melanoma
33080	LRFN5	14	42360463	melanoma
33081	LRFN5	14	42360779	melanoma
33082	LRFN5	14	42361112	melanoma
33083	LRFN5	14	42361112	melanoma
33084	FSCB	14	44973903	Codel
33085	FSCB	14	44973903	Codel
33086	FSCB	14	44973903	IDHmut
33087	FSCB	14	44973903	IDHmut
33088	FSCB	14	44973903	IDHmut_codel
33089	FSCB	14	44973903	IDHmut_codel
33090	FSCB	14	44973903	LGG GBM
33091	FSCB	14	44973903	LGG GBM
33092	FSCB	14	44973903	Oligo
33093	FSCB	14	44973903	Oligo
33094	FSCB	14	44975064	melanoma
33095	FSCB	14	44975166	melanoma
33096	FSCB	14	44975778	melanoma
33097	FSCB	14	44975838	melanoma
33098	FSCB	14	44975838	melanoma
33099	TOGARAM1	14	45478335	melanoma
33100	PRPF39	14	45565358	melanoma
33101	FANCM	14	45609881	melanoma
33102	FANCM	14	45620712	Gbm
33103	FANCM	14	45620712	IDHwt
33104	FANCM	14	45620712	IDHwt_priGBM
33105	FANCM	14	45620712	LGG GBM
33106	FANCM	14	45620712	LGm6_GBM
33107	FANCM	14	45645764	melanoma
33108	MIS18BP1	14	45711277	bladder
33109	RPL10L	14	47120329	melanoma
33110	RPL10L	14	47120929	Gbm
33111	RPL10L	14	47120929	IDHwt
33112	RPL10L	14	47120929	IDHwt_priGBM
33113	RPL10L	14	47120929	LGG GBM
33114	RPL10L	14	47120929	Proneural
33115	LRR1	14	50074628	melanoma
33116	LRR1	14	50081152	melanoma
33117	MGAT2	14	50088746	melanoma

33118	POLE2	14	50140854	melanoma
33119	KLHDC2	14	50249305	melanoma
33120	KLHDC2	14	50249305	melanoma
33121	SOS2	14	50585211	melanoma
33122	SOS2	14	50671090	melanoma
33123	SOS2	14	50697977	hnscc
33124	CDKL1	14	50799084	melanoma
33125	CDKL1	14	50807788	melanoma
33126	CDKL1	14	50808906	melanoma
33127	MAP4K5	14	50901138	melanoma
33128	ATL1	14	51095053	melanoma
33129	NIN	14	51239098	melanoma
33130	ABHD12B	14	51347237	melanoma
33131	PYGL	14	51404539	melanoma
33132	TRIM9	14	51448645	Codel
33133	TRIM9	14	51448645	IDHmut
33134	TRIM9	14	51448645	IDHmut_codel
33135	TRIM9	14	51448645	LGG GBM
33136	TRIM9	14	51448645	Oligo
33137	TRIM9	14	51448645	Proneural
33138	TMX1	14	51716271	melanoma
33139	NID2	14	52509623	melanoma
33140	NID2	14	52509623	melanoma
33141	PTGDR	14	52734708	melanoma
33142	PTGDR	14	52734708	melanoma
33143	PTGDR	14	52734878	melanoma
33144	PTGER2	14	52781739	melanoma
33145	PTGER2	14	52781739	melanoma
33146	PTGER2	14	52781739	melanoma
33147	PTGER2	14	52781739	melanoma
33148	PTGER2	14	52781919	lung
33149	ERO1A	14	53130537	melanoma
33150	PSMC6	14	53175102	lung
33151	DDHD1	14	53521332	bladder
33152	DDHD1	14	53521332	bladder
33153	BMP4	14	54417142	melanoma
33154	CGRRF1	14	55004468	melanoma
33155	SAMD4A	14	55241737	melanoma
33156	WDHD1	14	55434068	lung
33157	WDHD1	14	55434068	lung
33158	WDHD1	14	55434068	lung
33159	WDHD1	14	55467688	IDHwt_priGBM2
33160	WDHD1	14	55467688	IDHwt_priGBM2
33161	WDHD1	14	55467688	IDHwt_priGBM2
33162	SOCS4	14	55510895	melanoma
33163	SOCS4	14	55510895	melanoma
33164	SOCS4	14	55510895	melanoma
33165	SOCS4	14	55510906	melanoma
33166	SOCS4	14	55510906	melanoma
33167	SOCS4	14	55510906	melanoma
33168	MAPK1IP1L	14	55529424	Gbm
33169	MAPK1IP1L	14	55529424	IDHwt
33170	MAPK1IP1L	14	55529424	IDHwt_priGBM
33171	MAPK1IP1L	14	55529424	LGG GBM
33172	MAPK1IP1L	14	55529424	Mesenchymal
33173	DLGAP5	14	55647478	melanoma
33174	ATG14	14	55844716	melanoma
33175	TBPL2	14	55903333	melanoma

33176	TBPL2	14	55903333	melanoma
33177	TBPL2	14	55907173	Gbm
33178	TBPL2	14	55907173	IDHwt
33179	TBPL2	14	55907173	IDHwt_priGBM
33180	TBPL2	14	55907173	LGG GBM
33181	TBPL2	14	55907173	Mesenchymal
33182	TBPL2	14	55907173	Mesenchymal_like
33183	PEL12	14	56763774	melanoma
33184	TMEM260	14	57075831	melanoma
33185	TMEM260	14	57075866	melanoma
33186	TMEM260	14	57075891	Gbm
33187	TMEM260	14	57075891	GCIMP_high
33188	TMEM260	14	57075891	IDHmut
33189	TMEM260	14	57075891	IDHmut_noncodel
33190	TMEM260	14	57075891	LGG GBM
33191	TMEM260	14	57075891	Proneural
33192	TMEM260	14	57085399	melanoma
33193	OTX2	14	57268721	Astr
33194	OTX2	14	57268721	GCIMP_high
33195	OTX2	14	57268721	IDHmut
33196	OTX2	14	57268721	IDHmut_noncodel
33197	OTX2	14	57268721	LGG GBM
33198	OTX2	14	57271016	melanoma
33199	EXOC5	14	57676686	melanoma
33200	SLC35F4	14	58031071	melanoma
33201	SLC35F4	14	58055977	bladder
33202	SLC35F4	14	58056153	melanoma
33203	SLC35F4	14	58056153	melanoma
33204	ACTR10	14	58701099	melanoma
33205	ARID4A	14	58831782	melanoma
33206	TOMM20L	14	58862767	melanoma
33207	KIAA0586	14	58909519	melanoma
33208	KIAA0586	14	58909519	melanoma
33209	KIAA0586	14	58910879	melanoma
33210	KIAA0586	14	58953845	bladder
33211	DACT1	14	59113403	melanoma
33212	DAAM1	14	59834228	melanoma
33213	RTN1	14	60069819	melanoma
33214	RTN1	14	60072199	bladder
33215	RTN1	14	60193781	melanoma
33216	RTN1	14	60194297	melanoma
33217	RTN1	14	60194297	melanoma
33218	RTN1	14	60212890	Gbm
33219	RTN1	14	60212890	IDHwt
33220	RTN1	14	60212890	IDHwt_priGBM
33221	RTN1	14	60212890	LGG GBM
33222	RTN1	14	60212890	Mesenchymal_like
33223	RTN1	14	60213170	melanoma
33224	RTN1	14	60213170	melanoma
33225	C14orf39	14	60921726	melanoma
33226	C14orf39	14	60921726	melanoma
33227	C14orf39	14	60921820	melanoma
33228	C14orf39	14	60923720	melanoma
33229	C14orf39	14	60928244	melanoma
33230	SIX6	14	60976393	lung
33231	SIX4	14	61180493	melanoma
33232	MNAT1	14	61201623	melanoma
33233	TRMT5	14	61442754	melanoma

33234	TRMT5	14	61442754	melanoma
33235	TRMT5	14	61442754	melanoma
33236	TRMT5	14	61442754	melanoma
33237	PRKCH	14	61909945	melanoma
33238	SNAPC1	14	62233638	melanoma
33239	SYT16	14	62542032	melanoma
33240	SYT16	14	62550986	melanoma
33241	SYT16	14	62550986	melanoma
33242	SYT16	14	62567295	Classic_like
33243	SYT16	14	62567295	Gbm
33244	SYT16	14	62567295	IDHwt
33245	SYT16	14	62567295	IDHwt_priGBM
33246	SYT16	14	62567295	LGG GBM
33247	KCNH5	14	63174329	melanoma
33248	KCNH5	14	63174329	melanoma
33249	KCNH5	14	63246480	lung
33250	KCNH5	14	63269158	lung
33251	KCNH5	14	63269158	lung
33252	KCNH5	14	63316419	Gbm
33253	KCNH5	14	63316419	IDHwt
33254	KCNH5	14	63316419	IDHwt_priGBM
33255	KCNH5	14	63316419	LGG GBM
33256	KCNH5	14	63316419	Mesenchymal_like
33257	KCNH5	14	63316419	Proneural
33258	KCNH5	14	63417175	melanoma
33259	KCNH5	14	63447900	lung
33260	KCNH5	14	63468087	Classic_like
33261	KCNH5	14	63468087	Gbm
33262	KCNH5	14	63468087	IDHwt
33263	KCNH5	14	63468087	IDHwt_priGBM
33264	KCNH5	14	63468087	LGG GBM
33265	KCNH5	14	63468087	Proneural
33266	KCNH5	14	63473180	melanoma
33267	WDR89	14	64065535	melanoma
33268	WDR89	14	64065535	melanoma
33269	WDR89	14	64065535	melanoma
33270	SGPP1	14	64194128	melanoma
33271	SYNE2	14	64408423	melanoma
33272	SYNE2	14	64457171	Gbm
33273	SYNE2	14	64457171	Gbm
33274	SYNE2	14	64457171	IDHwt
33275	SYNE2	14	64457171	IDHwt
33276	SYNE2	14	64457171	IDHwt_priGBM
33277	SYNE2	14	64457171	IDHwt_priGBM
33278	SYNE2	14	64457171	LGG GBM
33279	SYNE2	14	64457171	LGG GBM
33280	SYNE2	14	64457171	Mesenchymal
33281	SYNE2	14	64457171	Mesenchymal
33282	SYNE2	14	64488199	melanoma
33283	SYNE2	14	64542738	melanoma
33284	SYNE2	14	64568741	melanoma
33285	SYNE2	14	64586211	melanoma
33286	SYNE2	14	64619388	melanoma
33287	SYNE2	14	64630241	melanoma
33288	SYNE2	14	64678730	melanoma
33289	ESR2	14	64694316	lung
33290	ESR2	14	64749369	melanoma
33291	ESR2	14	64749369	melanoma

33292	ESR2	14	64749653	melanoma
33293	MTHFD1	14	64867563	melanoma
33294	MTHFD1	14	64898551	melanoma
33295	MTHFD1	14	64908984	bladder
33296	ZBTB25	14	64953897	Gbm
33297	ZBTB25	14	64953897	IDHwt
33298	ZBTB25	14	64953897	IDHwt_priGBM
33299	ZBTB25	14	64953897	LGG GBM
33300	ZBTB25	14	64953897	Mesenchymal
33301	ZBTB25	14	64954383	melanoma
33302	PPP1R36	14	65054980	lung
33303	PPP1R36	14	65054980	lung
33304	PLEKHG3	14	65197584	lung
33305	PLEKHG3	14	65208444	melanoma
33306	PLEKHG3	14	65208939	melanoma
33307	PLEKHG3	14	65208939	melanoma
33308	PLEKHG3	14	65208939	melanoma
33309	PLEKHG3	14	65208939	melanoma
33310	PLEKHG3	14	65208939	melanoma
33311	SPTB	14	65234520	melanoma
33312	SPTB	14	65234520	melanoma
33313	SPTB	14	65253537	melanoma
33314	SPTB	14	65253727	melanoma
33315	SPTB	14	65253771	Astr
33316	SPTB	14	65253771	Astr
33317	SPTB	14	65253771	IDHwt
33318	SPTB	14	65253771	IDHwt
33319	SPTB	14	65253771	LGG GBM
33320	SPTB	14	65253771	LGG GBM
33321	SPTB	14	65253771	Neural
33322	SPTB	14	65253771	Neural
33323	SPTB	14	65253771	PA_like
33324	SPTB	14	65253771	PA_like
33325	SPTB	14	65260286	melanoma
33326	HURC1-FNTB;FN	14	65482353	melanoma
33327	MAX	14	65543330	Classic
33328	MAX	14	65543330	Classic
33329	MAX	14	65543330	Gbm
33330	MAX	14	65543330	Gbm
33331	MAX	14	65543330	IDHwt
33332	MAX	14	65543330	IDHwt
33333	MAX	14	65543330	IDHwt_priGBM
33334	MAX	14	65543330	IDHwt_priGBM
33335	MAX	14	65543330	LGG GBM
33336	MAX	14	65543330	LGG GBM
33337	FUT8	14	66028330	lung
33338	FUT8	14	66200028	melanoma
33339	FUT8	14	66209018	melanoma
33340	GPHN	14	67579758	melanoma
33341	GPHN	14	67579797	melanoma
33342	MPP5	14	67787106	melanoma
33343	TMEM229B	14	67940427	lung
33344	PIGH	14	68060489	melanoma
33345	ARG2	14	68114886	melanoma
33346	ARG2	14	68114890	melanoma
33347	ZFYVE26	14	68244400	melanoma
33348	ZFYVE26	14	68244400	melanoma
33349	ZFYVE26	14	68252891	melanoma

33350	ZFYVE26	14	68275934	melanoma
33351	RAD51B	14	68292278	melanoma
33352	ACTN1	14	69341584	bladder
33353	ACTN1	14	69341584	bladder
33354	ACTN1	14	69341584	bladder
33355	ACTN1	14	69349730	bladder
33356	EXD2	14	69676202	bladder
33357	SLC39A9	14	69908914	melanoma
33358	SLC39A9	14	69908914	melanoma
33359	SLC39A9	14	69908914	melanoma
33360	SLC39A9	14	69925159	melanoma
33361	SRSF5	14	70234973	Gbm
33362	SRSF5	14	70234973	Gbm
33363	SRSF5	14	70234973	IDHwt
33364	SRSF5	14	70234973	IDHwt
33365	SRSF5	14	70234973	IDHwt_priGBM
33366	SRSF5	14	70234973	IDHwt_priGBM
33367	SRSF5	14	70234973	LGG GBM
33368	SRSF5	14	70234973	LGG GBM
33369	SRSF5	14	70234973	Mesenchymal_like
33370	SRSF5	14	70234973	Mesenchymal_like
33371	SRSF5	14	70234973	Proneural
33372	SRSF5	14	70234973	Proneural
33373	SRSF5	14	70238039	melanoma
33374	SMOC1	14	70477566	melanoma
33375	SMOC1	14	70477657	melanoma
33376	SLC8A3	14	70515532	bladder
33377	SLC8A3	14	70515532	bladder
33378	SLC8A3	14	70635097	melanoma
33379	ADAM21	14	70924332	melanoma
33380	ADAM21	14	70924332	melanoma
33381	ADAM21	14	70924401	melanoma
33382	ADAM21	14	70924572	lung
33383	ADAM21	14	70924572	lung
33384	ADAM21	14	70924616	melanoma
33385	ADAM21	14	70924616	melanoma
33386	ADAM21	14	70925694	melanoma
33387	ADAM21	14	70926258	melanoma
33388	ADAM20	14	70990970	melanoma
33389	MED6	14	71060062	melanoma
33390	TTC9	14	71134409	melanoma
33391	TTC9	14	71134409	melanoma
33392	MAP3K9	14	71199336	melanoma
33393	MAP3K9	14	71199336	melanoma
33394	MAP3K9	14	71205086	melanoma
33395	MAP3K9	14	71206746	melanoma
33396	PCNX1	14	71444691	Astr
33397	PCNX1	14	71444691	Classic
33398	PCNX1	14	71444691	IDHwt
33399	PCNX1	14	71444691	LGG GBM
33400	PCNX1	14	71444691	Mesenchymal_like
33401	PCNX1	14	71455383	melanoma
33402	PCNX1	14	71485787	melanoma
33403	PCNX1	14	71485787	melanoma
33404	PCNX1	14	71492924	melanoma
33405	PCNX1	14	71493511	melanoma
33406	SIPA1L1	14	72055586	Gbm
33407	SIPA1L1	14	72055586	Gbm

33408	SIPA1L1	14	72055586	IDHwt
33409	SIPA1L1	14	72055586	IDHwt
33410	SIPA1L1	14	72055586	IDHwt_priGBM
33411	SIPA1L1	14	72055586	IDHwt_priGBM
33412	SIPA1L1	14	72055586	LGG GBM
33413	SIPA1L1	14	72055586	LGG GBM
33414	SIPA1L1	14	72055586	Mesenchymal
33415	SIPA1L1	14	72055586	Mesenchymal
33416	SIPA1L1	14	72056083	lung
33417	SIPA1L1	14	72137868	melanoma
33418	SIPA1L1	14	72152155	melanoma
33419	SIPA1L1	14	72152155	melanoma
33420	SIPA1L1	14	72165754	melanoma
33421	SIPA1L1	14	72165754	melanoma
33422	SIPA1L1	14	72190492	melanoma
33423	SIPA1L1	14	72190492	melanoma
33424	RGS6	14	73006777	lung
33425	DPF3	14	73220050	melanoma
33426	DPF3	14	73238507	melanoma
33427	DCAF4	14	73420904	melanoma
33428	ZFYVE1	14	73442314	melanoma
33429	ZFYVE1	14	73442314	melanoma
33430	ZFYVE1	14	73444881	melanoma
33431	RBM25	14	73550245	melanoma
33432	RBM25	14	73550245	melanoma
33433	RBM25	14	73578888	melanoma
33434	NUMB	14	73743932	melanoma
33435	NUMB	14	73743932	melanoma
33436	NUMB	14	73751028	melanoma
33437	ACOT1	14	74008283	melanoma
33438	ACOT6	14	74086044	melanoma
33439	ACOT6	14	74086467	melanoma
33440	ELMSAN1	14	74193590	lung
33441	ELMSAN1	14	74205546	melanoma
33442	ELMSAN1	14	74205783	melanoma
33443	ELMSAN1	14	74206074	melanoma
33444	ELMSAN1	14	74206098	lung
33445	PTGR2	14	74340789	melanoma
33446	PTGR2	14	74343768	melanoma
33447	FAM161B	14	74413292	melanoma
33448	COQ6	14	74425735	melanoma
33449	ENTPD5	14	74440645	melanoma
33450	ALDH6A1	14	74535667	GCIMP_high
33451	ALDH6A1	14	74535667	IDHmut
33452	ALDH6A1	14	74535667	IDHmut_noncodel
33453	ALDH6A1	14	74535667	LGG GBM
33454	ALDH6A1	14	74535667	Oligo
33455	LIN52	14	74665655	IDHwt
33456	LIN52	14	74665655	LGG GBM
33457	LIN52	14	74665655	Mesenchymal_like
33458	LIN52	14	74665655	Neural
33459	VSX2	14	74706567	bladder
33460	VRTN	14	74823859	melanoma
33461	VRTN	14	74824271	melanoma
33462	VRTN	14	74824567	melanoma
33463	SYNDIG1L	14	74874306	melanoma
33464	SYNDIG1L	14	74874341	melanoma
33465	LTBP2	14	74973891	melanoma

33466	LTBP2	14	75078598	melanoma
33467	AREL1	14	75142517	melanoma
33468	AREL1	14	75142517	melanoma
33469	AREL1	14	75142517	melanoma
33470	AREL1	14	75151182	melanoma
33471	AREL1	14	75151317	Astr
33472	AREL1	14	75151317	Classic_like
33473	AREL1	14	75151317	IDHwt
33474	AREL1	14	75151317	LGG GBM
33475	FCF1	14	75182746	melanoma
33476	YLPM1	14	75230628	Classic
33477	YLPM1	14	75230628	IDHwt
33478	YLPM1	14	75230628	LGG GBM
33479	YLPM1	14	75230628	Mesenchymal_like
33480	YLPM1	14	75230628	OligoAstr
33481	YLPM1	14	75248605	melanoma
33482	YLPM1	14	75266321	melanoma
33483	YLPM1	14	75295987	lung
33484	PROX2	14	75325151	lung
33485	PROX2	14	75325151	lung
33486	PROX2	14	75325151	lung
33487	PROX2	14	75325156	melanoma
33488	PROX2	14	75329888	bladder
33489	PROX2	14	75329888	bladder
33490	MLH3	14	75514923	lung
33491	TMED10	14	75643206	melanoma
33492	BATF	14	76012946	melanoma
33493	FLVCR2	14	76107375	melanoma
33494	C14orf1	14	76121283	melanoma
33495	TTLL5	14	76149963	melanoma
33496	TTLL5	14	76241882	lung
33497	TTLL5	14	76349194	melanoma
33498	IFT43	14	76525034	bladder
33499	ESRRB	14	76905826	Astr
33500	ESRRB	14	76905826	IDHwt
33501	ESRRB	14	76905826	LGG GBM
33502	ESRRB	14	76905826	Neural
33503	ESRRB	14	76905826	PA_like
33504	ESRRB	14	76948466	melanoma
33505	ESRRB	14	76949001	melanoma
33506	ESRRB	14	76964704	Classic_like
33507	ESRRB	14	76964704	Classic_like
33508	ESRRB	14	76964704	Gbm
33509	ESRRB	14	76964704	Gbm
33510	ESRRB	14	76964704	IDHwt
33511	ESRRB	14	76964704	IDHwt
33512	ESRRB	14	76964704	IDHwt_priGBM
33513	ESRRB	14	76964704	IDHwt_priGBM
33514	ESRRB	14	76964704	LGG GBM
33515	ESRRB	14	76964704	LGG GBM
33516	ESRRB	14	76964704	Neural
33517	ESRRB	14	76964704	Neural
33518	LRRC74A	14	77297644	melanoma
33519	LRRC74A	14	77297644	melanoma
33520	LRRC74A	14	77297651	melanoma
33521	LRRC74A	14	77297651	melanoma
33522	LRRC74A	14	77319628	melanoma
33523	ZDHHC22	14	77605618	melanoma

33524	ZDHC22	14	77605618	melanoma
33525	TMEM63C	14	77685244	melanoma
33526	TMEM63C	14	77712324	melanoma
33527	TMEM63C	14	77712324	melanoma
33528	TMEM63C	14	77718159	melanoma
33529	TMEM63C	14	77718159	melanoma
33530	TMEM63C	14	77722921	melanoma
33531	NGB	14	77735571	melanoma
33532	NGB	14	77735571	melanoma
33533	POMT2	14	77745146	melanoma
33534	POMT2	14	77753121	melanoma
33535	POMT2	14	77767450	melanoma
33536	SAMD15	14	77844446	melanoma
33537	AHSA1	14	77931933	melanoma
33538	AHSA1	14	77931933	melanoma
33539	AHSA1	14	77935504	melanoma
33540	SPTLC2	14	78021843	melanoma
33541	SNW1	14	78184410	melanoma
33542	SNW1	14	78221353	melanoma
33543	ADCK1	14	78353483	melanoma
33544	NRXN3	14	79432392	Gbm
33545	NRXN3	14	79432392	IDHwt
33546	NRXN3	14	79432392	IDHwt_priGBM
33547	NRXN3	14	79432392	LGG GBM
33548	NRXN3	14	79432392	Mesenchymal_like
33549	NRXN3	14	79432556	bladder
33550	NRXN3	14	79434544	melanoma
33551	NRXN3	14	80328191	melanoma
33552	STON2	14	81744733	melanoma
33553	STON2	14	81744940	melanoma
33554	STON2	14	81744940	melanoma
33555	STON2	14	81862292	melanoma
33556	SEL1L	14	82000030	lung
33557	FLRT2	14	86088088	melanoma
33558	FLRT2	14	86088088	melanoma
33559	FLRT2	14	86088481	melanoma
33560	FLRT2	14	86089066	melanoma
33561	FLRT2	14	86089474	lung
33562	GALC	14	88417056	melanoma
33563	KCNK10	14	88652144	melanoma
33564	KCNK10	14	88654322	Classic_like
33565	KCNK10	14	88654322	Gbm
33566	KCNK10	14	88654322	IDHwt
33567	KCNK10	14	88654322	IDHwt_priGBM
33568	KCNK10	14	88654322	LGG GBM
33569	KCNK10	14	88654322	Mesenchymal
33570	KCNK10	14	88693754	melanoma
33571	KCNK10	14	88693814	melanoma
33572	KCNK10	14	88729590	melanoma
33573	PTPN21	14	88951470	melanoma
33574	ZC3H14	14	89039050	lung
33575	EML5	14	89093251	GCIMP_high
33576	EML5	14	89093251	IDHmut
33577	EML5	14	89093251	IDHmut_noncodel
33578	EML5	14	89093251	LGG GBM
33579	EML5	14	89093251	Oligo
33580	EML5	14	89093251	Proneural
33581	EML5	14	89154629	melanoma

33582	EML5	14	89258786	lung
33583	EML5	14	89258786	lung
33584	TDP1	14	90429663	melanoma
33585	TDP1	14	90432530	melanoma
33586	TDP1	14	90499523	melanoma
33587	TTC7B	14	91123543	melanoma
33588	TTC7B	14	91123543	melanoma
33589	TTC7B	14	91155893	melanoma
33590	CCDC88C	14	91739657	melanoma
33591	CCDC88C	14	91739657	melanoma
33592	CCDC88C	14	91770249	Classic
33593	CCDC88C	14	91770249	IDHwt
33594	CCDC88C	14	91770249	LGG GBM
33595	CCDC88C	14	91770249	Mesenchymal_like
33596	CCDC88C	14	91770249	OligoAstr
33597	CCDC88C	14	91780413	melanoma
33598	CCDC88C	14	91787534	melanoma
33599	CCDC88C	14	91787534	melanoma
33600	PPP4R3A	14	91937214	Gbm
33601	PPP4R3A	14	91937214	IDHwt
33602	PPP4R3A	14	91937214	IDHwt_priGBM
33603	PPP4R3A	14	91937214	LGG GBM
33604	PPP4R3A	14	91937214	Mesenchymal
33605	PPP4R3A	14	91939663	melanoma
33606	CATSPERB	14	92055893	GCIMP_low
33607	CATSPERB	14	92055893	IDHmut
33608	CATSPERB	14	92055893	IDHmut_noncodel
33609	CATSPERB	14	92055893	LGG GBM
33610	CATSPERB	14	92076966	Astr
33611	CATSPERB	14	92076966	GCIMP_high
33612	CATSPERB	14	92076966	IDHmut
33613	CATSPERB	14	92076966	IDHmut_noncodel
33614	CATSPERB	14	92076966	LGG GBM
33615	CATSPERB	14	92076966	Proneural
33616	CATSPERB	14	92195789	melanoma
33617	TC2N	14	92251621	melanoma
33618	TC2N	14	92268600	melanoma
33619	TC2N	14	92268759	melanoma
33620	FBLN5	14	92403398	Gbm
33621	FBLN5	14	92403398	IDHwt
33622	FBLN5	14	92403398	IDHwt_priGBM
33623	FBLN5	14	92403398	LGG GBM
33624	FBLN5	14	92403398	Mesenchymal
33625	FBLN5	14	92403398	Mesenchymal_like
33626	TRIP11	14	92441530	melanoma
33627	TRIP11	14	92442507	bladder
33628	ATXN3	14	92563113	melanoma
33629	ATXN3	14	92563113	melanoma
33630	CPSF2	14	92608613	melanoma
33631	SLC24A4	14	92958550	melanoma
33632	RIN3	14	93043763	melanoma
33633	RIN3	14	93043763	melanoma
33634	RIN3	14	93043813	bladder
33635	RIN3	14	93125508	melanoma
33636	LGMN	14	93185144	melanoma
33637	CHGA	14	93390588	melanoma
33638	MOAP1	14	93650096	Astr
33639	MOAP1	14	93650096	GCIMP_high

33640	MOAP1	14	93650096	IDHmut
33641	MOAP1	14	93650096	IDHmut_noncodel
33642	MOAP1	14	93650096	LGG GBM
33643	MOAP1	14	93650096	Proneural
33644	MOAP1	14	93650181	melanoma
33645	MOAP1	14	93650353	melanoma
33646	MOAP1	14	93650353	melanoma
33647	MOAP1	14	93650454	Classic_like
33648	MOAP1	14	93650454	Classic_like
33649	MOAP1	14	93650454	Gbm
33650	MOAP1	14	93650454	Gbm
33651	MOAP1	14	93650454	IDHwt
33652	MOAP1	14	93650454	IDHwt
33653	MOAP1	14	93650454	IDHwt_priGBM
33654	MOAP1	14	93650454	IDHwt_priGBM
33655	MOAP1	14	93650454	LGG GBM
33656	MOAP1	14	93650454	LGG GBM
33657	TMEM251	14	93652653	melanoma
33658	BTBD7	14	93709065	melanoma
33659	BTBD7	14	93730195	melanoma
33660	BTBD7	14	93730195	melanoma
33661	COX8C	14	93813640	melanoma
33662	UNC79	14	94038340	melanoma
33663	UNC79	14	94038420	melanoma
33664	UNC79	14	94041525	melanoma
33665	UNC79	14	94041533	Classic
33666	UNC79	14	94041533	Gbm
33667	UNC79	14	94041533	IDHwt
33668	UNC79	14	94041533	IDHwt_priGBM
33669	UNC79	14	94041533	LGG GBM
33670	UNC79	14	94041533	Mesenchymal_like
33671	UNC79	14	94083507	melanoma
33672	UNC79	14	94083507	melanoma
33673	UNC79	14	94083508	melanoma
33674	UNC79	14	94083508	melanoma
33675	UNC79	14	94088381	melanoma
33676	UNC79	14	94088582	melanoma
33677	UNC79	14	94088582	melanoma
33678	UNC79	14	94088582	melanoma
33679	UNC79	14	94088837	melanoma
33680	UNC79	14	94120174	melanoma
33681	UNC79	14	94152960	melanoma
33682	PRIMA1	14	94203651	Classic_like
33683	PRIMA1	14	94203651	Gbm
33684	PRIMA1	14	94203651	IDHwt
33685	PRIMA1	14	94203651	IDHwt_priGBM
33686	PRIMA1	14	94203651	LGG GBM
33687	PRIMA1	14	94203651	Mesenchymal
33688	FAM181A	14	94394767	lung
33689	ASB2	14	94404157	Classic
33690	ASB2	14	94404157	Classic_like
33691	ASB2	14	94404157	Gbm
33692	ASB2	14	94404157	IDHwt
33693	ASB2	14	94404157	IDHwt_priGBM
33694	ASB2	14	94404157	LGG GBM
33695	OTUB2	14	94503790	GCIMP_high
33696	OTUB2	14	94503790	IDHwt
33697	OTUB2	14	94503790	IDHwt_noncodel

33698	OTUB2	14	94503790	LGG GBM
33699	OTUB2	14	94503790	OligoAstr
33700	DDX24	14	94517679	melanoma
33701	IFI27	14	94578114	melanoma
33702	IFI27	14	94578114	melanoma
33703	IFI27	14	94582178	melanoma
33704	PPP4R4	14	94674866	melanoma
33705	PPP4R4	14	94674866	melanoma
33706	PPP4R4	14	94711038	melanoma
33707	PPP4R4	14	94711038	melanoma
33708	PPP4R4	14	94741759	melanoma
33709	SERPINA10	14	94754846	melanoma
33710	SERPINA10	14	94756614	melanoma
33711	SERPINA10	14	94756614	melanoma
33712	SERPINA10	14	94756614	melanoma
33713	SERPINA6	14	94780426	melanoma
33714	SERPINA6	14	94780585	Astr
33715	SERPINA6	14	94780585	GCIMP_high
33716	SERPINA6	14	94780585	IDHmut
33717	SERPINA6	14	94780585	IDHmut_noncodel
33718	SERPINA6	14	94780585	LGG GBM
33719	SERPINA1	14	94844895	melanoma
33720	SERPINA1	14	94844895	melanoma
33721	SERPINA11	14	94909083	melanoma
33722	SERPINA11	14	94909543	Classic
33723	SERPINA11	14	94909543	Classic_like
33724	SERPINA11	14	94909543	Gbm
33725	SERPINA11	14	94909543	IDHwt
33726	SERPINA11	14	94909543	IDHwt_priGBM
33727	SERPINA11	14	94909543	LGG GBM
33728	SERPINA9	14	94929626	GCIMP_high
33729	SERPINA9	14	94929626	IDHmut
33730	SERPINA9	14	94929626	IDHmut_noncodel
33731	SERPINA9	14	94929626	LGG GBM
33732	SERPINA9	14	94929626	OligoAstr
33733	SERPINA9	14	94929626	Proneural
33734	SERPINA9	14	94935672	melanoma
33735	SERPINA9	14	94935672	melanoma
33736	SERPINA9	14	94936077	melanoma
33737	SERPINA4	14	95030384	melanoma
33738	SERPINA4	14	95030394	lung
33739	SERPINA5	14	95053976	melanoma
33740	SERPINA3	14	95080902	melanoma
33741	SERPINA3	14	95081041	melanoma
33742	SERPINA3	14	95081041	melanoma
33743	SERPINA3	14	95085593	Astr
33744	SERPINA3	14	95085593	GCIMP_high
33745	SERPINA3	14	95085593	IDHmut
33746	SERPINA3	14	95085593	IDHmut_noncodel
33747	SERPINA3	14	95085593	LGG GBM
33748	SERPINA3	14	95085593	Proneural
33749	SERPINA3	14	95090098	Gbm
33750	SERPINA3	14	95090098	IDHwt
33751	SERPINA3	14	95090098	IDHwt_priGBM
33752	SERPINA3	14	95090098	LGG GBM
33753	SERPINA3	14	95090098	Mesenchymal
33754	DICER1	14	95570186	melanoma
33755	DICER1	14	95596513	melanoma

33756	DICER1	14	95596513	melanoma
33757	DICER1	14	95596513	melanoma
33758	DICER1	14	95596513	melanoma
33759	DICER1	14	95597956	melanoma
33760	CLMN	14	95670049	lung
33761	CLMN	14	95670049	lung
33762	CLMN	14	95670080	bladder
33763	CLMN	14	95670080	bladder
33764	CLMN	14	95670323	Codel
33765	CLMN	14	95670323	IDHmut
33766	CLMN	14	95670323	IDHmut_codel
33767	CLMN	14	95670323	LGG GBM
33768	CLMN	14	95670323	OligoAstr
33769	CLMN	14	95670347	bladder
33770	CLMN	14	95670643	melanoma
33771	TCL1B	14	96157076	melanoma
33772	TCL1B	14	96157223	melanoma
33773	TCL1A	14	96178694	melanoma
33774	TCL1A	14	96178694	melanoma
33775	TCL1A	14	96178694	melanoma
33776	BDKRB1	14	96730179	melanoma
33777	BDKRB1	14	96730291	melanoma
33778	BDKRB1	14	96730302	melanoma
33779	BDKRB1	14	96730302	melanoma
33780	BDKRB1	14	96730841	lung
33781	ATG2B	14	96781731	melanoma
33782	ATG2B	14	96783529	melanoma
33783	ATG2B	14	96792090	melanoma
33784	AK7	14	96875258	Astr
33785	AK7	14	96875258	IDHwt
33786	AK7	14	96875258	LGG GBM
33787	AK7	14	96875258	Mesenchymal
33788	AK7	14	96875258	Mesenchymal_like
33789	AK7	14	96917848	lung
33790	AK7	14	96917849	lung
33791	BCL11B	14	99697708	melanoma
33792	BCL11B	14	99697846	melanoma
33793	BCL11B	14	99697846	melanoma
33794	SETD3	14	99865219	GCIMP_high
33795	SETD3	14	99865219	IDHmut
33796	SETD3	14	99865219	IDHmut_noncodel
33797	SETD3	14	99865219	LGG GBM
33798	SETD3	14	99865219	OligoAstr
33799	SETD3	14	99865219	Proneural
33800	CCDC85C	14	100069956	melanoma
33801	HHIPL1	14	100118720	melanoma
33802	HHIPL1	14	100118720	melanoma
33803	HHIPL1	14	100123456	Classic_like
33804	HHIPL1	14	100123456	IDHwt
33805	HHIPL1	14	100123456	LGG GBM
33806	HHIPL1	14	100123456	Mesenchymal
33807	CYP46A1	14	100166408	Classic
33808	CYP46A1	14	100166408	Gbm
33809	CYP46A1	14	100166408	IDHwt
33810	CYP46A1	14	100166408	IDHwt_priGBM
33811	CYP46A1	14	100166408	LGG GBM
33812	CYP46A1	14	100166408	Mesenchymal_like
33813	EML1	14	100363532	lung

33814	EML1	14	100363541	melanoma
33815	EML1	14	100363541	melanoma
33816	EML1	14	100375790	melanoma
33817	EVL	14	100603930	melanoma
33818	DEGS2	14	100615469	melanoma
33819	YY1	14	100743828	lung
33820	WDR25	14	100847497	melanoma
33821	DLK1	14	101200790	melanoma
33822	RTL1	14	101348070	melanoma
33823	PPP2R5C	14	102276371	lung
33824	PPP2R5C	14	102348541	melanoma
33825	PPP2R5C	14	102348541	melanoma
33826	PPP2R5C	14	102348541	melanoma
33827	DYNC1H1	14	102449412	melanoma
33828	DYNC1H1	14	102469176	melanoma
33829	DYNC1H1	14	102471520	melanoma
33830	DYNC1H1	14	102478796	bladder
33831	DYNC1H1	14	102494094	melanoma
33832	DYNC1H1	14	102510954	melanoma
33833	MOK	14	102699019	melanoma
33834	MOK	14	102699019	melanoma
33835	TECPR2	14	102891390	melanoma
33836	TECPR2	14	102901136	lung
33837	TECPR2	14	102910097	melanoma
33838	TECPR2	14	102963330	melanoma
33839	TRAF3	14	103371553	Classic
33840	TRAF3	14	103371553	Gbm
33841	TRAF3	14	103371553	IDHwt
33842	TRAF3	14	103371553	IDHwt_priGBM
33843	TRAF3	14	103371553	LGG GBM
33844	TRAF3	14	103371553	Mesenchymal_like
33845	TRAF3	14	103371873	melanoma
33846	CDC42BPB	14	103429461	bladder
33847	CDC42BPB	14	103465909	Astr
33848	CDC42BPB	14	103465909	GCIMP_high
33849	CDC42BPB	14	103465909	IDHmut
33850	CDC42BPB	14	103465909	IDHmut_noncodel
33851	CDC42BPB	14	103465909	LGG GBM
33852	CDC42BPB	14	103465909	Proneural
33853	TNFAIP2	14	103597436	melanoma
33854	CKB	14	103986328	Classic
33855	CKB	14	103986328	Classic_like
33856	CKB	14	103986328	Gbm
33857	CKB	14	103986328	IDHwt
33858	CKB	14	103986328	IDHwt_priGBM
33859	CKB	14	103986328	LGG GBM
33860	BAG5	14	104026313	melanoma
33861	KLC1	14	104123947	lung
33862	TDRD9	14	104490932	Astr
33863	TDRD9	14	104490932	IDHwt
33864	TDRD9	14	104490932	LGG GBM
33865	TDRD9	14	104490932	Neural
33866	TDRD9	14	104490932	PA_like
33867	TDRD9	14	104490941	melanoma
33868	TDRD9	14	104501321	melanoma
33869	KIF26A	14	104643186	melanoma
33870	KIF26A	14	104643186	melanoma
33871	C14orf180	14	105055017	melanoma

33872	INF2	14	105177298	melanoma
33873	INF2	14	105177298	melanoma
33874	INF2	14	105177298	melanoma
33875	AKT1	14	105243048	melanoma
33876	ZBTB42	14	105268081	lung
33877	CEP170B	14	105349540	lung
33878	CEP170B	14	105353382	Codel
33879	CEP170B	14	105353382	IDHmut
33880	CEP170B	14	105353382	IDHmut_codel
33881	CEP170B	14	105353382	LGG GBM
33882	CEP170B	14	105353382	Neural
33883	CEP170B	14	105353382	Oligo
33884	CEP170B	14	105353626	bladder
33885	PLD4	14	105396327	lung
33886	AHNAK2	14	105409805	Codel
33887	AHNAK2	14	105409805	IDHmut
33888	AHNAK2	14	105409805	IDHmut_codel
33889	AHNAK2	14	105409805	LGG GBM
33890	AHNAK2	14	105409805	Mesenchymal
33891	AHNAK2	14	105409805	Oligo
33892	AHNAK2	14	105409898	bladder
33893	AHNAK2	14	105411773	melanoma
33894	AHNAK2	14	105411773	melanoma
33895	AHNAK2	14	105411896	melanoma
33896	AHNAK2	14	105412391	melanoma
33897	AHNAK2	14	105413084	IDHwt_priGBM2
33898	AHNAK2	14	105415864	melanoma
33899	AHNAK2	14	105419336	melanoma
33900	AHNAK2	14	105420055	melanoma
33901	GPR132	14	105518013	IDHwt_priGBM2
33902	GPR132	14	105518226	Gbm
33903	GPR132	14	105518226	Gbm
33904	GPR132	14	105518226	IDHwt
33905	GPR132	14	105518226	IDHwt
33906	GPR132	14	105518226	IDHwt_priGBM
33907	GPR132	14	105518226	IDHwt_priGBM
33908	GPR132	14	105518226	LGG GBM
33909	GPR132	14	105518226	LGG GBM
33910	GPR132	14	105518226	LGm6_GBM
33911	GPR132	14	105518226	LGm6_GBM
33912	GPR132	14	105518226	Mesenchymal
33913	GPR132	14	105518226	Mesenchymal
33914	NUDT14	14	105643042	melanoma
33915	BRF1	14	105693074	melanoma
33916	BRF1	14	105693074	melanoma
33917	PACS2	14	105849746	lung
33918	PACS2	14	105849746	lung
33919	C14orf80	14	105958588	melanoma
33920	OR4M2	15	22368747	melanoma
33921	OR4M2	15	22368813	lung
33922	OR4M2	15	22369092	melanoma
33923	OR4M2	15	22369315	melanoma
33924	OR4M2	15	22369315	melanoma
33925	OR4M2	15	22369372	melanoma
33926	OR4M2	15	22369372	melanoma
33927	OR4M2	15	22369378	melanoma
33928	OR4M2	15	22369378	melanoma
33929	OR4M2	15	22369378	melanoma

33930	OR4M2	15	22369378	melanoma
33931	OR4M2	15	22369378	melanoma
33932	OR4M2	15	22369431	melanoma
33933	OR4M2	15	22369431	melanoma
33934	OR4M2	15	22369458	melanoma
33935	OR4N4	15	22382593	melanoma
33936	OR4N4	15	22382708	melanoma
33937	OR4N4	15	22382885	melanoma
33938	OR4N4	15	22382885	melanoma
33939	OR4N4	15	22383349	melanoma
33940	OR4N4	15	22383362	melanoma
33941	TUBGCP5	15	22848896	melanoma
33942	CYFIP1	15	22928445	melanoma
33943	CYFIP1	15	22940799	lung
33944	CYFIP1	15	22956580	lung
33945	CYFIP1	15	22990160	melanoma
33946	NIPA1	15	23086360	melanoma
33947	NIPA1	15	23086360	melanoma
33948	MKRN3	15	23811119	melanoma
33949	MKRN3	15	23811119	melanoma
33950	MKRN3	15	23811429	melanoma
33951	MKRN3	15	23811429	melanoma
33952	MKRN3	15	23811429	melanoma
33953	MKRN3	15	23811429	melanoma
33954	MKRN3	15	23811429	melanoma
33955	MKRN3	15	23811429	melanoma
33956	MAGEL2	15	23889319	melanoma
33957	MAGEL2	15	23889524	melanoma
33958	MAGEL2	15	23890266	melanoma
33959	MAGEL2	15	23890266	melanoma
33960	NDN	15	23931440	melanoma
33961	NDN	15	23931814	melanoma
33962	NPAP1	15	24921561	Classic
33963	NPAP1	15	24921561	Classic
33964	NPAP1	15	24921561	IDHwt
33965	NPAP1	15	24921561	IDHwt
33966	NPAP1	15	24921561	LGG GBM
33967	NPAP1	15	24921561	LGG GBM
33968	NPAP1	15	24921561	Mesenchymal_like
33969	NPAP1	15	24921561	Mesenchymal_like
33970	NPAP1	15	24921561	Oligo
33971	NPAP1	15	24921561	Oligo
33972	NPAP1	15	24921697	melanoma
33973	NPAP1	15	24921762	Astr
33974	NPAP1	15	24921762	Astr
33975	NPAP1	15	24921762	GCIMP_high
33976	NPAP1	15	24921762	GCIMP_high
33977	NPAP1	15	24921762	IDHmut
33978	NPAP1	15	24921762	IDHmut
33979	NPAP1	15	24921762	IDHmut_noncodel
33980	NPAP1	15	24921762	IDHmut_noncodel
33981	NPAP1	15	24921762	LGG GBM
33982	NPAP1	15	24921762	LGG GBM
33983	NPAP1	15	24921762	Mesenchymal
33984	NPAP1	15	24921762	Mesenchymal
33985	NPAP1	15	24921924	melanoma
33986	NPAP1	15	24921924	melanoma
33987	NPAP1	15	24922658	lung

33988	NPAP1	15	24922765	melanoma
33989	NPAP1	15	24922911	lung
33990	NPAP1	15	24923539	melanoma
33991	NPAP1	15	24923539	melanoma
33992	NPAP1	15	24923955	melanoma
33993	NPAP1	15	24923955	melanoma
33994	SNURF	15	25213174	bladder
33995	UBE3A	15	25601181	melanoma
33996	UBE3A	15	25601181	melanoma
33997	UBE3A	15	25601181	melanoma
33998	UBE3A	15	25616380	melanoma
33999	ATP10A	15	25940187	Astr
34000	ATP10A	15	25940187	GCIMP_high
34001	ATP10A	15	25940187	IDHmut
34002	ATP10A	15	25940187	IDHmut_noncodel
34003	ATP10A	15	25940187	LGG GBM
34004	ATP10A	15	25940187	Proneural
34005	ATP10A	15	25962055	melanoma
34006	ATP10A	15	25962055	melanoma
34007	ATP10A	15	25969067	IDHwt_priGBM2
34008	GABRB3	15	26792978	melanoma
34009	GABRG3	15	27216720	melanoma
34010	GABRG3	15	27765195	melanoma
34011	OCA2	15	28235759	melanoma
34012	OCA2	15	28235759	melanoma
34013	HERC2	15	28370204	melanoma
34014	HERC2	15	28370204	melanoma
34015	HERC2	15	28412927	melanoma
34016	HERC2	15	28412927	melanoma
34017	HERC2	15	28424110	melanoma
34018	HERC2	15	28459911	melanoma
34019	HERC2	15	28459911	melanoma
34020	HERC2	15	28459911	melanoma
34021	HERC2	15	28459911	melanoma
34022	HERC2	15	28459911	melanoma
34023	HERC2	15	28459911	melanoma
34024	HERC2	15	28460828	Codel
34025	HERC2	15	28460828	IDHmut
34026	HERC2	15	28460828	IDHmut_codel
34027	HERC2	15	28460828	LGG GBM
34028	HERC2	15	28460828	Neural
34029	HERC2	15	28460828	Oligo
34030	HERC2	15	28473504	hnscc
34031	HERC2	15	28518098	lung
34032	APBA2	15	29346887	melanoma
34033	TJP1	15	29997888	melanoma
34034	TJP1	15	30029586	melanoma
34035	FAN1	15	31197005	Gbm
34036	FAN1	15	31197005	IDHwt
34037	FAN1	15	31197005	IDHwt_priGBM
34038	FAN1	15	31197005	LGG GBM
34039	FAN1	15	31197005	Mesenchymal
34040	FAN1	15	31197005	Mesenchymal_like
34041	TRPM1	15	31341650	lung
34042	TRPM1	15	31342763	Gbm
34043	TRPM1	15	31342763	IDHwt
34044	TRPM1	15	31342763	IDHwt_priGBM
34045	TRPM1	15	31342763	LGG GBM

34046	TRPM1	15	31342763	Mesenchymal
34047	TRPM1	15	31342763	Mesenchymal_like
34048	KLF13	15	31619960	bladder
34049	OTUD7A	15	31776479	lung
34050	OTUD7A	15	31819476	melanoma
34051	ARHGAP11A	15	32917814	lung
34052	RYR3	15	33795898	lung
34053	RYR3	15	33833074	melanoma
34054	RYR3	15	33840366	Codel
34055	RYR3	15	33840366	IDHmut
34056	RYR3	15	33840366	IDHmut_codel
34057	RYR3	15	33840366	LGG GBM
34058	RYR3	15	33840366	Proneural
34059	RYR3	15	33926862	melanoma
34060	RYR3	15	33927823	melanoma
34061	RYR3	15	33952612	melanoma
34062	RYR3	15	33954539	melanoma
34063	RYR3	15	33993223	melanoma
34064	RYR3	15	34049760	Classic
34065	RYR3	15	34049760	Classic_like
34066	RYR3	15	34049760	Gbm
34067	RYR3	15	34049760	IDHwt
34068	RYR3	15	34049760	IDHwt_priGBM
34069	RYR3	15	34049760	LGG GBM
34070	RYR3	15	34049772	melanoma
34071	RYR3	15	34078153	melanoma
34072	RYR3	15	34102837	melanoma
34073	RYR3	15	34102837	melanoma
34074	RYR3	15	34117859	melanoma
34075	RYR3	15	34129134	melanoma
34076	RYR3	15	34130966	melanoma
34077	RYR3	15	34131136	lung
34078	RYR3	15	34137199	Gbm
34079	RYR3	15	34137199	Gbm
34080	RYR3	15	34137199	Gbm
34081	RYR3	15	34137199	LGG GBM
34082	RYR3	15	34137199	LGG GBM
34083	RYR3	15	34137199	LGG GBM
34084	RYR3	15	34145811	melanoma
34085	PGBD4	15	34395822	melanoma
34086	PGBD4	15	34395822	melanoma
34087	PGBD4	15	34396483	lung
34088	EMC4	15	34519934	melanoma
34089	EMC4	15	34519934	melanoma
34090	EMC4	15	34519934	melanoma
34091	EMC4	15	34519934	melanoma
34092	SLC12A6	15	34526120	melanoma
34093	NUTM1	15	34643029	melanoma
34094	NUTM1	15	34646739	melanoma
34095	NUTM1	15	34648637	melanoma
34096	LPCAT4	15	34651852	melanoma
34097	LPCAT4	15	34657874	melanoma
34098	ACTC1	15	35085656	melanoma
34099	AQR	15	35159765	bladder
34100	AQR	15	35192835	melanoma
34101	AQR	15	35210570	melanoma
34102	AQR	15	35224523	melanoma
34103	AQR	15	35224558	bladder

34104	ZNF770	15	35275454	melanoma
34105	DPH6	15	35830584	melanoma
34106	MEIS2	15	37386751	melanoma
34107	TMCO5A	15	38234440	melanoma
34108	RASGRP1	15	38793398	Codel
34109	RASGRP1	15	38793398	IDHmut
34110	RASGRP1	15	38793398	IDHmut_codel
34111	RASGRP1	15	38793398	LGG GBM
34112	RASGRP1	15	38803840	melanoma
34113	THBS1	15	39876341	melanoma
34114	FSIP1	15	40018812	bladder
34115	FSIP1	15	40018827	melanoma
34116	FSIP1	15	40018827	melanoma
34117	FSIP1	15	40018827	melanoma
34118	FSIP1	15	40018827	melanoma
34119	FSIP1	15	40018827	melanoma
34120	GPR176	15	40093592	IDHwt_priGBM2
34121	GPR176	15	40093592	melanoma
34122	EIF2AK4	15	40241413	GCIMP_high
34123	EIF2AK4	15	40241413	IDHmut
34124	EIF2AK4	15	40241413	IDHmut_noncodel
34125	EIF2AK4	15	40241413	LGG GBM
34126	EIF2AK4	15	40241413	OligoAstr
34127	EIF2AK4	15	40241413	Proneural
34128	EIF2AK4	15	40259734	melanoma
34129	EIF2AK4	15	40259896	lung
34130	EIF2AK4	15	40259896	lung
34131	EIF2AK4	15	40259896	lung
34132	EIF2AK4	15	40303537	melanoma
34133	EIF2AK4	15	40303537	melanoma
34134	BUB1B	15	40457360	melanoma
34135	BUB1B	15	40505576	melanoma
34136	3UB1B-PAK6;PAK	15	40564537	melanoma
34137	3UB1B-PAK6;PAK	15	40564537	melanoma
34138	3UB1B-PAK6;PAK	15	40564858	Codel
34139	3UB1B-PAK6;PAK	15	40564858	IDHmut
34140	3UB1B-PAK6;PAK	15	40564858	IDHmut_codel
34141	3UB1B-PAK6;PAK	15	40564858	LGG GBM
34142	3UB1B-PAK6;PAK	15	40564858	Oligo
34143	3UB1B-PAK6;PAK	15	40564858	Proneural
34144	3UB1B-PAK6;PAK	15	40565644	melanoma
34145	3UB1B-PAK6;PAK	15	40565644	melanoma
34146	3UB1B-PAK6;PAK	15	40566455	melanoma
34147	PLCB2	15	40589018	melanoma
34148	PLCB2	15	40590560	melanoma
34149	PLCB2	15	40590560	melanoma
34150	PLCB2	15	40594478	melanoma
34151	PLCB2	15	40594495	melanoma
34152	PLCB2	15	40594495	melanoma
34153	PLCB2	15	40594495	melanoma
34154	PLCB2	15	40594743	melanoma
34155	PLCB2	15	40594743	melanoma
34156	C15orf52	15	40632168	bladder
34157	DISP2	15	40656121	melanoma
34158	BAHD1	15	40750797	melanoma
34159	BAHD1	15	40751318	Classic_like
34160	BAHD1	15	40751318	Gbm
34161	BAHD1	15	40751318	IDHwt

34162	BAHD1	15	40751318	IDHwt_priGBM
34163	BAHD1	15	40751318	LGG GBM
34164	BAHD1	15	40751616	Classic_like
34165	BAHD1	15	40751616	Gbm
34166	BAHD1	15	40751616	IDHwt
34167	BAHD1	15	40751616	IDHwt_priGBM
34168	BAHD1	15	40751616	LGG GBM
34169	BAHD1	15	40751616	Mesenchymal
34170	BAHD1	15	40756175	melanoma
34171	RPUSD2	15	40861963	melanoma
34172	RPUSD2	15	40865843	melanoma
34173	RPUSD2	15	40865843	melanoma
34174	RAD51	15	41020988	melanoma
34175	RMDN3	15	41043693	melanoma
34176	ZFYVE19	15	41102412	melanoma
34177	VPS18	15	41191638	Classic
34178	VPS18	15	41191638	Gbm
34179	VPS18	15	41191638	IDHwt
34180	VPS18	15	41191638	IDHwt_priGBM
34181	VPS18	15	41191638	LGG GBM
34182	VPS18	15	41191638	Mesenchymal_like
34183	VPS18	15	41191684	melanoma
34184	VPS18	15	41191890	GCIMP_high
34185	VPS18	15	41191890	IDHmut
34186	VPS18	15	41191890	IDHmut_noncodel
34187	VPS18	15	41191890	LGG GBM
34188	VPS18	15	41192955	melanoma
34189	VPS18	15	41193193	melanoma
34190	INO80	15	41313290	lung
34191	INO80	15	41362733	melanoma
34192	INO80	15	41365628	melanoma
34193	NDUFAF1	15	41687214	melanoma
34194	ITPKA	15	41793695	melanoma
34195	TYRO3	15	41859697	melanoma
34196	TYRO3	15	41865222	Astr
34197	TYRO3	15	41865222	IDHwt
34198	TYRO3	15	41865222	LGG GBM
34199	TYRO3	15	41865222	PA_like
34200	TYRO3	15	41865513	bladder
34201	TYRO3	15	41870191	melanoma
34202	TYRO3	15	41870191	melanoma
34203	MGA	15	41961160	melanoma
34204	MGA	15	41961580	melanoma
34205	MGA	15	41961580	melanoma
34206	MGA	15	41961687	melanoma
34207	MGA	15	42005362	Codel
34208	MGA	15	42005362	IDHmut
34209	MGA	15	42005362	IDHmut_codel
34210	MGA	15	42005362	LGG GBM
34211	MGA	15	42005362	Oligo
34212	MGA	15	42005362	Proneural
34213	MGA	15	42028627	melanoma
34214	MGA	15	42028628	melanoma
34215	MGA	15	42057183	melanoma
34216	MAPKBP1	15	42114452	melanoma
34217	MAPKBP1	15	42115235	melanoma
34218	ID7;JMJD7-PLA2C	15	42127272	melanoma
34219	ID7;JMJD7-PLA2C	15	42127272	melanoma

34220	ID7;JMJD7-PLA2C	15	42127272	melanoma
34221	ID7;JMJD7-PLA2C	15	42127272	melanoma
34222	ID7;JMJD7-PLA2C	15	42127272	melanoma
34223	Y7-PLA2G4B;PLA2C	15	42133469	melanoma
34224	Y7-PLA2G4B;PLA2C	15	42137892	melanoma
34225	Y7-PLA2G4B;PLA2C	15	42138908	melanoma
34226	Y7-PLA2G4B;PLA2C	15	42138908	melanoma
34227	SPTBN5	15	42147441	bladder
34228	SPTBN5	15	42164528	Codel
34229	SPTBN5	15	42164528	IDHmut
34230	SPTBN5	15	42164528	IDHmut_codel
34231	SPTBN5	15	42164528	LGG GBM
34232	SPTBN5	15	42164528	Neural
34233	SPTBN5	15	42164528	Oligo
34234	SPTBN5	15	42172360	hnscc
34235	PLA2G4E	15	42285056	melanoma
34236	PLA2G4D	15	42364007	Gbm
34237	PLA2G4D	15	42364007	IDHwt
34238	PLA2G4D	15	42364007	IDHwt_priGBM
34239	PLA2G4D	15	42364007	LGG GBM
34240	PLA2G4D	15	42364007	Mesenchymal
34241	PLA2G4D	15	42364007	Mesenchymal_like
34242	TMEM87A	15	42525431	melanoma
34243	GANC	15	42618532	melanoma
34244	CAPN3	15	42652011	melanoma
34245	CAPN3	15	42700425	bladder
34246	ZNF106	15	42740296	melanoma
34247	HAUS2	15	42851546	melanoma
34248	HAUS2	15	42855972	melanoma
34249	STARD9	15	42980372	lung
34250	TTBK2	15	43038404	GCIMP_high
34251	TTBK2	15	43038404	IDHmut
34252	TTBK2	15	43038404	IDHmut_noncodel
34253	TTBK2	15	43038404	LGG GBM
34254	TTBK2	15	43044283	melanoma
34255	UBR1	15	43269028	Classic
34256	UBR1	15	43269028	Classic_like
34257	UBR1	15	43269028	Gbm
34258	UBR1	15	43269028	IDHwt
34259	UBR1	15	43269028	IDHwt_priGBM
34260	UBR1	15	43269028	LGG GBM
34261	UBR1	15	43330419	bladder
34262	TMEM62	15	43446946	melanoma
34263	CCNDBP1	15	43477743	bladder
34264	CCNDBP1	15	43481431	melanoma
34265	CCNDBP1	15	43483689	melanoma
34266	EPB42	15	43502628	melanoma
34267	EPB42	15	43502628	melanoma
34268	TGM5	15	43525396	Classic_like
34269	TGM5	15	43525396	Gbm
34270	TGM5	15	43525396	IDHwt
34271	TGM5	15	43525396	IDHwt_priGBM
34272	TGM5	15	43525396	LGG GBM
34273	TGM5	15	43545014	melanoma
34274	TGM5	15	43552685	Gbm
34275	TGM5	15	43552685	Gbm
34276	TGM5	15	43552685	IDHwt
34277	TGM5	15	43552685	IDHwt

34278	TGM5	15	43552685	IDHwt_priGBM
34279	TGM5	15	43552685	IDHwt_priGBM
34280	TGM5	15	43552685	LGG GBM
34281	TGM5	15	43552685	LGG GBM
34282	TGM7	15	43574191	melanoma
34283	ADAL	15	43638132	melanoma
34284	ADAL	15	43638132	melanoma
34285	ZSCAN29	15	43658653	Gbm
34286	ZSCAN29	15	43658653	IDHwt
34287	ZSCAN29	15	43658653	IDHwt_priGBM
34288	ZSCAN29	15	43658653	LGG GBM
34289	ZSCAN29	15	43658653	Mesenchymal
34290	ZSCAN29	15	43658653	Mesenchymal_like
34291	MAP1A	15	43814444	melanoma
34292	MAP1A	15	43818460	lung
34293	MAP1A	15	43821353	melanoma
34294	STRC	15	43893602	Gbm
34295	STRC	15	43893602	IDHwt
34296	STRC	15	43893602	IDHwt_priGBM
34297	STRC	15	43893602	LGG GBM
34298	STRC	15	43893602	Mesenchymal_like
34299	PDIA3	15	44055362	Gbm
34300	PDIA3	15	44055362	GCIMP_high
34301	PDIA3	15	44055362	IDHmut
34302	PDIA3	15	44055362	IDHmut_noncodel
34303	PDIA3	15	44055362	LGG GBM
34304	PDIA3	15	44055362	Proneural
34305	PDIA3	15	44057664	melanoma
34306	PDIA3	15	44057664	melanoma
34307	ELL3	15	44068328	Astr
34308	ELL3	15	44068328	GCIMP_high
34309	ELL3	15	44068328	IDHmut
34310	ELL3	15	44068328	IDHmut_noncodel
34311	ELL3	15	44068328	LGG GBM
34312	ELL3	15	44068328	Proneural
34313	SERINC4	15	44087644	hnsc
34314	SERINC4	15	44087644	hnsc
34315	SERINC4	15	44087644	hnsc
34316	SERINC4	15	44087644	hnsc
34317	SERINC4	15	44087644	hnsc
34318	CASC4	15	44620981	melanoma
34319	SPG11	15	44887485	melanoma
34320	SPG11	15	44887485	melanoma
34321	SPG11	15	44887485	melanoma
34322	SPG11	15	44887485	melanoma
34323	SPG11	15	44888471	melanoma
34324	SPG11	15	44921581	melanoma
34325	SPG11	15	44921581	melanoma
34326	TERB2	15	45270719	melanoma
34327	DUOX2	15	45389441	melanoma
34328	DUOX2	15	45392256	IDHwt_priGBM2
34329	DUOX2	15	45394155	melanoma
34330	DUOX2	15	45399581	melanoma
34331	DUOX2	15	45400387	melanoma
34332	DUOX2	15	45400387	melanoma
34333	DUOX2	15	45402093	melanoma
34334	DUOX1	15	45412856	lung
34335	DUOX1	15	45428807	melanoma

34336	SLC28A2	15	45561666	melanoma
34337	SLC28A2	15	45561666	melanoma
34338	SLC28A2	15	45561666	melanoma
34339	SPATA5L1	15	45706851	melanoma
34340	SPATA5L1	15	45706851	melanoma
34341	BLOC1S6	15	45895336	melanoma
34342	BLOC1S6	15	45898609	melanoma
34343	SQOR	15	45983182	melanoma
34344	SEMA6D	15	48063351	lung
34345	SLC24A5	15	48414194	melanoma
34346	MYEF2	15	48444436	melanoma
34347	SLC12A1	15	48500145	melanoma
34348	SLC12A1	15	48543870	melanoma
34349	FBN1	15	48726814	melanoma
34350	CEP152	15	49036452	melanoma
34351	SHC4	15	49148179	melanoma
34352	SHC4	15	49217088	melanoma
34353	SHC4	15	49217088	melanoma
34354	SECISBP2L	15	49329915	melanoma
34355	COPS2	15	49420284	melanoma
34356	ATP8B4	15	50189590	Codel
34357	ATP8B4	15	50189590	IDHmut
34358	ATP8B4	15	50189590	IDHmut_codel
34359	ATP8B4	15	50189590	LGG GBM
34360	ATP8B4	15	50189590	Oligo
34361	ATP8B4	15	50189590	Proneural
34362	ATP8B4	15	50209183	melanoma
34363	ATP8B4	15	50215647	melanoma
34364	ATP8B4	15	50223378	melanoma
34365	ATP8B4	15	50223421	Classic
34366	ATP8B4	15	50223421	Classic_like
34367	ATP8B4	15	50223421	IDHwt
34368	ATP8B4	15	50223421	LGG GBM
34369	ATP8B4	15	50223421	OligoAstr
34370	ATP8B4	15	50303104	melanoma
34371	SLC27A2	15	50475097	Gbm
34372	SLC27A2	15	50475097	IDHwt
34373	SLC27A2	15	50475097	IDHwt_priGBM
34374	SLC27A2	15	50475097	LGG GBM
34375	SLC27A2	15	50475097	Mesenchymal
34376	SLC27A2	15	50475097	Mesenchymal_like
34377	SLC27A2	15	50515253	Gbm
34378	SLC27A2	15	50515253	GCIMP_high
34379	SLC27A2	15	50515253	IDHmut
34380	SLC27A2	15	50515253	IDHmut_noncodel
34381	SLC27A2	15	50515253	LGG GBM
34382	SLC27A2	15	50515253	Proneural
34383	HDC	15	50540510	melanoma
34384	HDC	15	50540510	IDHwt_priGBM2
34385	GABPB1	15	50593063	Classic_like
34386	GABPB1	15	50593063	Gbm
34387	GABPB1	15	50593063	IDHwt
34388	GABPB1	15	50593063	IDHwt_priGBM
34389	GABPB1	15	50593063	LGG GBM
34390	USP8	15	50769122	melanoma
34391	USP8	15	50769122	melanoma
34392	USP8	15	50769122	melanoma
34393	TRPM7	15	50867936	melanoma

34394	TRPM7	15	50903414	melanoma
34395	SPPL2A	15	51040396	melanoma
34396	AP4E1	15	51242106	melanoma
34397	AP4E1	15	51242106	melanoma
34398	AP4E1	15	51289979	Codel
34399	AP4E1	15	51289979	IDHmut
34400	AP4E1	15	51289979	IDHmut_codel
34401	AP4E1	15	51289979	LGG GBM
34402	AP4E1	15	51289979	Oligo
34403	AP4E1	15	51289979	Proneural
34404	CYP19A1	15	51504567	melanoma
34405	CYP19A1	15	51529179	melanoma
34406	GLDN	15	51696833	melanoma
34407	GLDN	15	51696833	melanoma
34408	GLDN	15	51696833	melanoma
34409	DMXL2	15	51783854	melanoma
34410	DMXL2	15	51783854	melanoma
34411	DMXL2	15	51795224	melanoma
34412	DMXL2	15	51829038	melanoma
34413	DMXL2	15	51829839	melanoma
34414	LYSMD2	15	52029568	bladder
34415	MAPK6	15	52356103	melanoma
34416	MYO5C	15	52534337	bladder
34417	MYO5C	15	52539786	melanoma
34418	MYO5C	15	52553129	GCIMP_high
34419	MYO5C	15	52553129	IDHmut
34420	MYO5C	15	52553129	IDHmut_noncodel
34421	MYO5C	15	52553129	LGG GBM
34422	MYO5C	15	52553129	OligoAstr
34423	MYO5C	15	52553129	Proneural
34424	MYO5C	15	52564816	bladder
34425	MYO5C	15	52575056	melanoma
34426	ARPP19	15	52861074	melanoma
34427	FAM214A	15	52901546	melanoma
34428	ONECUT1	15	53081625	melanoma
34429	WDR72	15	53908407	melanoma
34430	WDR72	15	53992076	melanoma
34431	WDR72	15	53994476	Gbm
34432	WDR72	15	53994476	Gbm
34433	WDR72	15	53994476	Gbm
34434	WDR72	15	53994476	Gbm
34435	WDR72	15	53994476	IDHwt
34436	WDR72	15	53994476	IDHwt
34437	WDR72	15	53994476	IDHwt
34438	WDR72	15	53994476	IDHwt
34439	WDR72	15	53994476	IDHwt_priGBM
34440	WDR72	15	53994476	IDHwt_priGBM
34441	WDR72	15	53994476	IDHwt_priGBM
34442	WDR72	15	53994476	IDHwt_priGBM
34443	WDR72	15	53994476	LGG GBM
34444	WDR72	15	53994476	LGG GBM
34445	WDR72	15	53994476	LGG GBM
34446	WDR72	15	53994476	LGG GBM
34447	WDR72	15	53994476	Mesenchymal_like
34448	WDR72	15	53994476	Mesenchymal_like
34449	WDR72	15	53994476	Mesenchymal_like
34450	WDR72	15	53994476	Mesenchymal_like
34451	WDR72	15	53994476	Proneural

34452	WDR72	15	53994476	Proneural
34453	WDR72	15	53994476	Proneural
34454	WDR72	15	53994476	Proneural
34455	WDR72	15	53994543	melanoma
34456	WDR72	15	53997313	lung
34457	WDR72	15	53998186	melanoma
34458	WDR72	15	53998186	melanoma
34459	WDR72	15	54007545	melanoma
34460	WDR72	15	54025313	melanoma
34461	UNC13C	15	54305723	melanoma
34462	UNC13C	15	54305723	melanoma
34463	UNC13C	15	54305743	melanoma
34464	UNC13C	15	54307496	melanoma
34465	UNC13C	15	54307649	melanoma
34466	UNC13C	15	54307826	melanoma
34467	UNC13C	15	54307826	melanoma
34468	UNC13C	15	54542537	melanoma
34469	UNC13C	15	54586244	melanoma
34470	UNC13C	15	54590048	melanoma
34471	UNC13C	15	54626016	lung
34472	UNC13C	15	54786821	Classic_like
34473	UNC13C	15	54786821	Gbm
34474	UNC13C	15	54786821	IDHwt
34475	UNC13C	15	54786821	IDHwt_priGBM
34476	UNC13C	15	54786821	LGG GBM
34477	UNC13C	15	54793064	melanoma
34478	UNC13C	15	54916040	melanoma
34479	UNC13C	15	54916040	melanoma
34480	UNC13C	15	54916041	melanoma
34481	DNAAF4	15	55742556	melanoma
34482	PRTG	15	55930825	melanoma
34483	PRTG	15	55930825	melanoma
34484	PRTG	15	55976048	melanoma
34485	PRTG	15	55976048	melanoma
34486	PRTG	15	56032721	melanoma
34487	PRTG	15	56032721	melanoma
34488	RFX7	15	56390461	Astr
34489	RFX7	15	56390461	GCIMP_high
34490	RFX7	15	56390461	IDHmut
34491	RFX7	15	56390461	IDHmut_noncodel
34492	RFX7	15	56390461	LGG GBM
34493	RFX7	15	56390461	Proneural
34494	RFX7	15	56436621	melanoma
34495	RFX7	15	56436621	melanoma
34496	ZNF280D	15	56923868	melanoma
34497	ZNF280D	15	56923868	melanoma
34498	ZNF280D	15	56958666	melanoma
34499	ZNF280D	15	56970864	melanoma
34500	ZNF280D	15	56970864	melanoma
34501	ZNF280D	15	56981277	melanoma
34502	ZNF280D	15	56993159	melanoma
34503	ZNF280D	15	56993159	melanoma
34504	TCF12	15	57565365	melanoma
34505	CGNL1	15	57730306	melanoma
34506	MYZAP	15	57976650	melanoma
34507	MYZAP	15	57976650	melanoma
34508	MYZAP	15	57976650	melanoma
34509	ALDH1A2	15	58302966	melanoma

34510	ALDH1A2	15	58302966	melanoma
34511	ALDH1A2	15	58306442	melanoma
34512	AQP9	15	58467132	melanoma
34513	AQP9	15	58467201	melanoma
34514	AQP9	15	58467201	melanoma
34515	AQP9	15	58467201	melanoma
34516	LIPC	15	58837991	bladder
34517	LIPC	15	58837991	bladder
34518	LIPC	15	58840594	IDHwt_priGBM2
34519	LIPC	15	58840594	IDHwt_priGBM2
34520	ADAM10	15	58925546	Codel
34521	ADAM10	15	58925546	IDHmut
34522	ADAM10	15	58925546	IDHmut_codel
34523	ADAM10	15	58925546	LGG GBM
34524	ADAM10	15	58925546	Oligo
34525	ADAM10	15	58925546	Proneural
34526	ADAM10	15	59009795	bladder
34527	ADAM10	15	59009795	bladder
34528	MINDY2	15	59063745	bladder
34529	SLTM	15	59181713	lung
34530	SLTM	15	59186151	melanoma
34531	SLTM	15	59186365	Astr
34532	SLTM	15	59186365	GCIMP_high
34533	SLTM	15	59186365	IDHmut
34534	SLTM	15	59186365	IDHmut_noncodel
34535	SLTM	15	59186365	LGG GBM
34536	SLTM	15	59186365	Proneural
34537	LDHAL6B	15	59499231	lung
34538	GCNT3	15	59911042	melanoma
34539	GCNT3	15	59911125	melanoma
34540	GTF2A2	15	59942957	melanoma
34541	BNIP2	15	59972482	bladder
34542	ICE2	15	60741671	lung
34543	ICE2	15	60741671	lung
34544	ICE2	15	60770149	melanoma
34545	RORA	15	60795055	melanoma
34546	VPS13C	15	62146660	melanoma
34547	VPS13C	15	62202498	melanoma
34548	VPS13C	15	62211573	melanoma
34549	VPS13C	15	62246715	melanoma
34550	VPS13C	15	62246715	melanoma
34551	VPS13C	15	62246715	melanoma
34552	VPS13C	15	62254029	Astr
34553	VPS13C	15	62254029	GCIMP_high
34554	VPS13C	15	62254029	IDHmut
34555	VPS13C	15	62254029	IDHmut_noncodel
34556	VPS13C	15	62254029	LGG GBM
34557	VPS13C	15	62254029	Proneural
34558	VPS13C	15	62274678	melanoma
34559	VPS13C	15	62283245	melanoma
34560	VPS13C	15	62283878	melanoma
34561	VPS13C	15	62304329	lung
34562	VPS13C	15	62304329	lung
34563	TLN2	15	63031650	melanoma
34564	TLN2	15	63047873	melanoma
34565	LACTB	15	63419885	melanoma
34566	LACTB	15	63419885	melanoma
34567	LACTB	15	63419885	melanoma

34568	LACTB	15	63433525	melanoma
34569	RPS27L	15	63448684	bladder
34570	APH1B	15	63579686	melanoma
34571	CA12	15	63632563	melanoma
34572	CA12	15	63634278	melanoma
34573	USP3	15	63855173	Astr
34574	USP3	15	63855173	GCIMP_high
34575	USP3	15	63855173	IDHmut
34576	USP3	15	63855173	IDHmut_noncodel
34577	USP3	15	63855173	LGG GBM
34578	USP3	15	63855173	Proneural
34579	HERC1	15	63933734	Astr
34580	HERC1	15	63933734	Astr
34581	HERC1	15	63933734	Astr
34582	HERC1	15	63933734	GCIMP_high
34583	HERC1	15	63933734	GCIMP_high
34584	HERC1	15	63933734	GCIMP_high
34585	HERC1	15	63933734	IDHmut
34586	HERC1	15	63933734	IDHmut
34587	HERC1	15	63933734	IDHmut
34588	HERC1	15	63933734	IDHmut_noncodel
34589	HERC1	15	63933734	IDHmut_noncodel
34590	HERC1	15	63933734	IDHmut_noncodel
34591	HERC1	15	63933734	LGG GBM
34592	HERC1	15	63933734	LGG GBM
34593	HERC1	15	63933734	LGG GBM
34594	HERC1	15	63935628	Codel
34595	HERC1	15	63935628	IDHmut
34596	HERC1	15	63935628	IDHmut_codel
34597	HERC1	15	63935628	LGG GBM
34598	HERC1	15	63935628	Oligo
34599	HERC1	15	63935628	Proneural
34600	HERC1	15	63961808	bladder
34601	HERC1	15	63970125	Classic_like
34602	HERC1	15	63970125	Classic_like
34603	HERC1	15	63970125	Gbm
34604	HERC1	15	63970125	Gbm
34605	HERC1	15	63970125	IDHwt
34606	HERC1	15	63970125	IDHwt
34607	HERC1	15	63970125	IDHwt_priGBM
34608	HERC1	15	63970125	IDHwt_priGBM
34609	HERC1	15	63970125	LGG GBM
34610	HERC1	15	63970125	LGG GBM
34611	HERC1	15	63970125	Neural
34612	HERC1	15	63970125	Neural
34613	HERC1	15	64005676	melanoma
34614	HERC1	15	64005676	melanoma
34615	HERC1	15	64048781	melanoma
34616	HERC1	15	64067243	lung
34617	HERC1	15	64067243	lung
34618	HERC1	15	64067399	bladder
34619	HERC1	15	64067759	melanoma
34620	DAPK2	15	64332427	melanoma
34621	SNX1	15	64426935	lung
34622	SNX1	15	64426935	lung
34623	TRIP4	15	64717808	melanoma
34624	TRIP4	15	64717808	melanoma
34625	TRIP4	15	64737233	melanoma

34626	ZNF609	15	64966480	melanoma
34627	ZNF609	15	64966480	melanoma
34628	ZNF609	15	64966528	melanoma
34629	ZNF609	15	64970513	melanoma
34630	RBPMS2	15	65040715	melanoma
34631	PIF1	15	65108897	hnscc
34632	PIF1	15	65113699	melanoma
34633	ANKDD1A	15	65209682	Classic
34634	ANKDD1A	15	65209682	Gbm
34635	ANKDD1A	15	65209682	IDHwt
34636	ANKDD1A	15	65209682	IDHwt_priGBM
34637	ANKDD1A	15	65209682	LGG GBM
34638	ANKDD1A	15	65209682	Mesenchymal_like
34639	ANKDD1A	15	65239778	lung
34640	MTFMT	15	65298525	melanoma
34641	MTFMT	15	65298525	melanoma
34642	MTFMT	15	65298525	melanoma
34643	MTFMT	15	65313878	melanoma
34644	SLC51B	15	65343894	melanoma
34645	SLC51B	15	65343894	melanoma
34646	CILP	15	65489776	melanoma
34647	CILP	15	65489776	melanoma
34648	CILP	15	65489776	melanoma
34649	CILP	15	65491032	melanoma
34650	CILP	15	65491077	Codel
34651	CILP	15	65491077	Codel
34652	CILP	15	65491077	IDHmut
34653	CILP	15	65491077	IDHmut
34654	CILP	15	65491077	IDHmut_codel
34655	CILP	15	65491077	IDHmut_codel
34656	CILP	15	65491077	LGG GBM
34657	CILP	15	65491077	LGG GBM
34658	CILP	15	65491077	Oligo
34659	CILP	15	65491077	Oligo
34660	CILP	15	65491077	Proneural
34661	CILP	15	65491077	Proneural
34662	PARP16	15	65559061	melanoma
34663	IGDCC3	15	65621368	melanoma
34664	IGDCC3	15	65621380	Gbm
34665	IGDCC3	15	65621380	IDHwt
34666	IGDCC3	15	65621380	IDHwt_priGBM
34667	IGDCC3	15	65621380	LGG GBM
34668	IGDCC3	15	65621380	Mesenchymal
34669	IGDCC3	15	65621380	Mesenchymal_like
34670	IGDCC3	15	65621900	melanoma
34671	IGDCC3	15	65622640	bladder
34672	IGDCC3	15	65627649	melanoma
34673	IGDCC3	15	65628240	lung
34674	DPP8	15	65771220	melanoma
34675	DPP8	15	65771220	melanoma
34676	DPP8	15	65772635	bladder
34677	HACD3	15	65856658	melanoma
34678	HACD3	15	65856658	melanoma
34679	HACD3	15	65856658	melanoma
34680	HACD3	15	65868671	lung
34681	INTS14	15	65888106	melanoma
34682	INTS14	15	65890770	melanoma
34683	DENND4A	15	66015240	melanoma

34684	DENND4A	15	66021549	melanoma
34685	DIS3L	15	66618626	Codel
34686	DIS3L	15	66618626	IDHmut
34687	DIS3L	15	66618626	IDHmut_codel
34688	DIS3L	15	66618626	LGG GBM
34689	DIS3L	15	66618626	OligoAstr
34690	MAP2K1	15	66729162	melanoma
34691	MAP2K1	15	66729162	melanoma
34692	MAP2K1	15	66729163	melanoma
34693	LCTL	15	66850105	melanoma
34694	LCTL	15	66857625	lung
34695	LCTL	15	66857625	lung
34696	LCTL	15	66857625	lung
34697	LCTL	15	66857625	lung
34698	SMAD6	15	67073530	bladder
34699	AAGAB	15	67528797	melanoma
34700	IQCH	15	67677337	melanoma
34701	MAP2K5	15	67923251	melanoma
34702	MAP2K5	15	67923251	melanoma
34703	CLN6	15	68500717	melanoma
34704	ITGA11	15	68603710	melanoma
34705	ITGA11	15	68603710	melanoma
34706	ITGA11	15	68603711	melanoma
34707	ITGA11	15	68609626	melanoma
34708	ITGA11	15	68612578	melanoma
34709	ITGA11	15	68612578	melanoma
34710	ITGA11	15	68612606	melanoma
34711	ITGA11	15	68624370	melanoma
34712	ITGA11	15	68643096	GCIMP_high
34713	ITGA11	15	68643096	IDHmut
34714	ITGA11	15	68643096	IDHmut_noncodel
34715	ITGA11	15	68643096	LGG GBM
34716	ITGA11	15	68643096	Oligo
34717	ITGA11	15	68643096	Proneural
34718	ITGA11	15	68650858	melanoma
34719	SPESP1	15	69222999	melanoma
34720	SPESP1	15	69222999	melanoma
34721	SPESP1	15	69238024	melanoma
34722	NOX5	15	69331317	melanoma
34723	NOX5	15	69331317	melanoma
34724	NOX5	15	69335141	melanoma
34725	NOX5	15	69348963	melanoma
34726	NOX5	15	69348963	melanoma
34727	GLCE	15	69548575	IDHwt_priGBM2
34728	GLCE	15	69553652	lung
34729	GLCE	15	69560613	melanoma
34730	GLCE	15	69560766	melanoma
34731	KIF23	15	69728920	melanoma
34732	KIF23	15	69729010	melanoma
34733	KIF23	15	69732701	melanoma
34734	LARP6	15	71124587	melanoma
34735	LARP6	15	71124587	melanoma
34736	LARP6	15	71124587	melanoma
34737	LARP6	15	71144021	melanoma
34738	THSD4	15	72039377	melanoma
34739	THSD4	15	72039377	melanoma
34740	MYO9A	15	72146756	melanoma
34741	MYO9A	15	72146756	melanoma

34742	MYO9A	15	72172100	melanoma
34743	MYO9A	15	72180438	melanoma
34744	MYO9A	15	72190094	melanoma
34745	MYO9A	15	72320124	hnscc
34746	MYO9A	15	72338760	bladder
34747	GRAMD2A	15	72459381	melanoma
34748	PKM	15	72491995	melanoma
34749	PKM	15	72491995	melanoma
34750	PARP6	15	72542428	melanoma
34751	PARP6	15	72546810	melanoma
34752	PARP6	15	72552839	melanoma
34753	HEXA	15	72648890	melanoma
34754	HEXA	15	72648890	melanoma
34755	TMEM202	15	72700062	melanoma
34756	TMEM202	15	72700062	melanoma
34757	ARIH1	15	72855820	melanoma
34758	ARIH1	15	72855820	melanoma
34759	BBS4	15	73007740	melanoma
34760	HCN4	15	73616140	Astr
34761	HCN4	15	73616140	Codel
34762	HCN4	15	73616140	IDHmut
34763	HCN4	15	73616140	IDHmut_codel
34764	HCN4	15	73616140	LGG GBM
34765	HCN4	15	73616140	Neural
34766	HCN4	15	73659842	lung
34767	HCN4	15	73659842	lung
34768	HCN4	15	73659842	lung
34769	HCN4	15	73659842	lung
34770	NPTN	15	73925504	bladder
34771	NPTN	15	73925504	bladder
34772	CD276	15	73996745	melanoma
34773	C15orf59	15	74032299	melanoma
34774	TBC1D21	15	74177391	melanoma
34775	PML	15	74328030	melanoma
34776	PML	15	74328030	melanoma
34777	PML	15	74328096	melanoma
34778	PML	15	74336686	melanoma
34779	PML	15	74336686	melanoma
34780	PML	15	74336686	melanoma
34781	PML	15	74336687	melanoma
34782	PML	15	74336687	melanoma
34783	PML	15	74336856	melanoma
34784	PML	15	74336856	melanoma
34785	PML	15	74336856	melanoma
34786	PML	15	74337297	melanoma
34787	GOLGA6A	15	74363957	IDHwt_priGBM2
34788	GOLGA6A	15	74367330	melanoma
34789	GOLGA6A	15	74367330	melanoma
34790	GOLGA6A	15	74367330	melanoma
34791	ISLR2	15	74426192	Astr
34792	ISLR2	15	74426192	Astr
34793	ISLR2	15	74426192	Classic
34794	ISLR2	15	74426192	Classic
34795	ISLR2	15	74426192	IDHwt
34796	ISLR2	15	74426192	IDHwt
34797	ISLR2	15	74426192	LGG GBM
34798	ISLR2	15	74426192	LGG GBM
34799	ISLR2	15	74426192	Mesenchymal_like

34800	ISLR2	15	74426192	Mesenchymal_like
34801	ISLR	15	74467617	melanoma
34802	ISLR	15	74468151	melanoma
34803	ISLR	15	74468151	melanoma
34804	ISLR	15	74468152	melanoma
34805	ISLR	15	74468476	melanoma
34806	STRA6	15	74474690	melanoma
34807	STRA6	15	74477387	melanoma
34808	STRA6	15	74481459	melanoma
34809	STRA6	15	74481459	melanoma
34810	STRA6	15	74481459	melanoma
34811	STRA6	15	74490097	melanoma
34812	STRA6	15	74490097	melanoma
34813	CCDC33	15	74573074	Classic
34814	CCDC33	15	74573074	Gbm
34815	CCDC33	15	74573074	IDHwt
34816	CCDC33	15	74573074	IDHwt_priGBM
34817	CCDC33	15	74573074	LGG GBM
34818	CCDC33	15	74573074	Mesenchymal_like
34819	CCDC33	15	74588221	lung
34820	CCDC33	15	74628381	melanoma
34821	CYP11A1	15	74630411	melanoma
34822	CYP11A1	15	74632090	melanoma
34823	CYP11A1	15	74636223	melanoma
34824	SEMA7A	15	74708161	Classic_like
34825	SEMA7A	15	74708161	Classic_like
34826	SEMA7A	15	74708161	Gbm
34827	SEMA7A	15	74708161	Gbm
34828	SEMA7A	15	74708161	IDHwt
34829	SEMA7A	15	74708161	IDHwt
34830	SEMA7A	15	74708161	IDHwt_priGBM
34831	SEMA7A	15	74708161	IDHwt_priGBM
34832	SEMA7A	15	74708161	LGG GBM
34833	SEMA7A	15	74708161	LGG GBM
34834	SEMA7A	15	74708161	Mesenchymal
34835	SEMA7A	15	74708161	Mesenchymal
34836	SEMA7A	15	74709961	Astr
34837	SEMA7A	15	74709961	GCIMP_high
34838	SEMA7A	15	74709961	IDHmut
34839	SEMA7A	15	74709961	IDHmut_noncodel
34840	SEMA7A	15	74709961	LGG GBM
34841	SEMA7A	15	74709961	Proneural
34842	EDC3	15	74925078	Classic
34843	EDC3	15	74925078	Classic_like
34844	EDC3	15	74925078	Gbm
34845	EDC3	15	74925078	IDHwt
34846	EDC3	15	74925078	IDHwt_priGBM
34847	EDC3	15	74925078	LGG GBM
34848	CYP1A2	15	75042314	Codel
34849	CYP1A2	15	75042314	IDHmut
34850	CYP1A2	15	75042314	IDHmut_codel
34851	CYP1A2	15	75042314	LGG GBM
34852	CYP1A2	15	75042314	Oligo
34853	CYP1A2	15	75042314	Proneural
34854	CYP1A2	15	75042332	Astr
34855	CYP1A2	15	75042332	Classic
34856	CYP1A2	15	75042332	Classic_like
34857	CYP1A2	15	75042332	IDHwt

34858	CYP1A2	15	75042332	LGG GBM
34859	CYP1A2	15	75042536	melanoma
34860	CYP1A2	15	75042783	melanoma
34861	CYP1A2	15	75043605	melanoma
34862	CSK	15	75091699	melanoma
34863	CSK	15	75092831	Classic_like
34864	CSK	15	75092831	Gbm
34865	CSK	15	75092831	IDHwt
34866	CSK	15	75092831	IDHwt_priGBM
34867	CSK	15	75092831	LGG GBM
34868	LMAN1L	15	75105271	melanoma
34869	PPCDC	15	75341020	melanoma
34870	PPCDC	15	75341020	melanoma
34871	GOLGA6C	15	75557664	melanoma
34872	GOLGA6D	15	75580661	Gbm
34873	GOLGA6D	15	75580661	IDHwt
34874	GOLGA6D	15	75580661	IDHwt_priGBM
34875	GOLGA6D	15	75580661	LGG GBM
34876	GOLGA6D	15	75580661	Proneural
34877	COMMD4	15	75632076	IDHwt_priGBM2
34878	COMMD4	15	75632076	IDHwt_priGBM2
34879	COMMD4	15	75632091	melanoma
34880	COMMD4	15	75632091	melanoma
34881	COMMD4	15	75632091	melanoma
34882	NEIL1	15	75647057	melanoma
34883	MAN2C1	15	75648682	melanoma
34884	MAN2C1	15	75650597	melanoma
34885	SIN3A	15	75664384	melanoma
34886	SIN3A	15	75684759	lung
34887	PTPN9	15	75762276	melanoma
34888	PTPN9	15	75762276	melanoma
34889	CSPG4	15	75969041	melanoma
34890	CSPG4	15	75975244	bladder
34891	CSPG4	15	75977886	melanoma
34892	CSPG4	15	75981410	melanoma
34893	CSPG4	15	75981484	lung
34894	CSPG4	15	75982433	Gbm
34895	CSPG4	15	75982433	IDHwt
34896	CSPG4	15	75982433	IDHwt_priGBM
34897	CSPG4	15	75982433	LGG GBM
34898	CSPG4	15	75982433	Neural
34899	CSPG4	15	75982849	melanoma
34900	CSPG4	15	75983080	melanoma
34901	CSPG4	15	75983080	melanoma
34902	CSPG4	15	75985571	melanoma
34903	FBXO22	15	76196929	melanoma
34904	FBXO22	15	76225151	Gbm
34905	FBXO22	15	76225151	GCIMP_low
34906	FBXO22	15	76225151	IDHmut
34907	FBXO22	15	76225151	IDHmut_noncodel
34908	FBXO22	15	76225151	LGG GBM
34909	FBXO22	15	76225151	Proneural
34910	FBXO22	15	76225293	melanoma
34911	NRG4	15	76301577	Gbm
34912	NRG4	15	76301577	IDHwt
34913	NRG4	15	76301577	IDHwt_priGBM
34914	NRG4	15	76301577	LGG GBM
34915	NRG4	15	76301577	Mesenchymal_like

34916	TMEM266	15	76430217	melanoma
34917	TMEM266	15	76496087	melanoma
34918	SCAPER	15	76641015	melanoma
34919	SCAPER	15	76958120	melanoma
34920	SCAPER	15	76958120	melanoma
34921	SCAPER	15	76958120	melanoma
34922	TSPAN3	15	77348450	lung
34923	PEAK1	15	77406835	melanoma
34924	PEAK1	15	77406835	melanoma
34925	PEAK1	15	77425565	melanoma
34926	PEAK1	15	77474180	melanoma
34927	PEAK1	15	77474180	melanoma
34928	PEAK1	15	77474180	melanoma
34929	PEAK1	15	77474180	melanoma
34930	HMG20A	15	77756629	melanoma
34931	HMG20A	15	77756629	melanoma
34932	HMG20A	15	77756629	melanoma
34933	HMG20A	15	77756629	melanoma
34934	TBC1D2B	15	78316571	melanoma
34935	TBC1D2B	15	78346412	melanoma
34936	IDH3A	15	78458561	melanoma
34937	IDH3A	15	78458561	melanoma
34938	ACSBG1	15	78474836	melanoma
34939	DNAJA4	15	78566590	bladder
34940	WDR61	15	78578420	Gbm
34941	WDR61	15	78578420	IDHwt
34942	WDR61	15	78578420	IDHwt_priGBM
34943	WDR61	15	78578420	LGG GBM
34944	WDR61	15	78578420	LGM6_GB
34945	WDR61	15	78578420	Mesenchymal
34946	IREB2	15	78757630	melanoma
34947	IREB2	15	78789515	melanoma
34948	PSMA4	15	78836597	bladder
34949	CHRNA3	15	78894532	melanoma
34950	CHRNA3	15	78894532	melanoma
34951	ADAMTS7	15	79058714	hnsc
34952	ADAMTS7	15	79064133	melanoma
34953	ADAMTS7	15	79092814	melanoma
34954	MORF4L1	15	79177394	melanoma
34955	RASGRF1	15	79254574	Classic_like
34956	RASGRF1	15	79254574	Gbm
34957	RASGRF1	15	79254574	IDHwt
34958	RASGRF1	15	79254574	IDHwt_priGBM
34959	RASGRF1	15	79254574	LGG GBM
34960	RASGRF1	15	79254574	Mesenchymal
34961	RASGRF1	15	79310189	melanoma
34962	RASGRF1	15	79320175	Gbm
34963	RASGRF1	15	79320175	Gbm
34964	RASGRF1	15	79320175	IDHwt
34965	RASGRF1	15	79320175	IDHwt
34966	RASGRF1	15	79320175	IDHwt_priGBM
34967	RASGRF1	15	79320175	IDHwt_priGBM
34968	RASGRF1	15	79320175	LGG GBM
34969	RASGRF1	15	79320175	LGG GBM
34970	RASGRF1	15	79320175	Proneural
34971	RASGRF1	15	79320175	Proneural
34972	RASGRF1	15	79382695	melanoma
34973	TMED3	15	79606120	melanoma

34974	KIAA1024	15	79750063	Classic like
34975	KIAA1024	15	79750063	Gbm
34976	KIAA1024	15	79750063	IDHwt
34977	KIAA1024	15	79750063	IDHwt_priGBM
34978	KIAA1024	15	79750063	LGG GBM
34979	KIAA1024	15	79750063	Mesenchymal
34980	KIAA1024	15	79750351	melanoma
34981	BCL2A1	15	80263274	melanoma
34982	BCL2A1	15	80263361	melanoma
34983	BCL2A1	15	80263361	melanoma
34984	BCL2A1	15	80263361	melanoma
34985	BCL2A1	15	80263361	melanoma
34986	MESD	15	81274319	melanoma
34987	CFAP161	15	81436154	melanoma
34988	IL16	15	81561978	melanoma
34989	IL16	15	81571918	lung
34990	IL16	15	81571993	melanoma
34991	TMC3	15	81625529	melanoma
34992	TMC3	15	81654585	melanoma
34993	TMC3	15	81664965	melanoma
34994	MEX3B	15	82336385	melanoma
34995	MEX3B	15	82336385	melanoma
34996	EFL1	15	82512434	melanoma
34997	EFL1	15	82523223	melanoma
34998	EFL1	15	82523223	melanoma
34999	EFL1	15	82523247	melanoma
35000	EFL1	15	82530834	melanoma
35001	EFL1	15	82530834	melanoma
35002	SAXO2	15	82575065	lung
35003	AP3B2	15	83330652	bladder
35004	AP3B2	15	83349503	melanoma
35005	AP3B2	15	83349503	melanoma
35006	AP3B2	15	83349692	lung
35007	FSD2	15	83433990	melanoma
35008	WHAMM	15	83478647	melanoma
35009	WHAMM	15	83488220	melanoma
35010	BTBD1	15	83725167	melanoma
35011	BTBD1	15	83725179	Classic like
35012	BTBD1	15	83725179	Gbm
35013	BTBD1	15	83725179	IDHwt
35014	BTBD1	15	83725179	IDHwt_priGBM
35015	BTBD1	15	83725179	LGG GBM
35016	TM6SF1	15	83791524	melanoma
35017	TM6SF1	15	83791524	melanoma
35018	TM6SF1	15	83791524	melanoma
35019	TM6SF1	15	83793506	bladder
35020	BNC1	15	83931985	melanoma
35021	BNC1	15	83932835	melanoma
35022	BNC1	15	83933472	melanoma
35023	SH3GL3	15	84237311	melanoma
35024	SH3GL3	15	84237421	melanoma
35025	SH3GL3	15	84257417	melanoma
35026	ADAMTSL3	15	84373177	melanoma
35027	ADAMTSL3	15	84373195	melanoma
35028	ADAMTSL3	15	84488657	melanoma
35029	ADAMTSL3	15	84488764	melanoma
35030	ADAMTSL3	15	84592664	melanoma
35031	ADAMTSL3	15	84651810	hnsc

35032	ZSCAN2	15	85164028	melanoma
35033	WDR73	15	85189474	Gbm
35034	WDR73	15	85189474	IDHwt
35035	WDR73	15	85189474	IDHwt_priGBM
35036	WDR73	15	85189474	LGG GBM
35037	WDR73	15	85189474	LGM6_GBM
35038	WDR73	15	85189474	Mesenchymal
35039	NMB	15	85200529	melanoma
35040	NMB	15	85200529	melanoma
35041	ZNF592	15	85326096	melanoma
35042	ZNF592	15	85345152	melanoma
35043	ZNF592	15	85345167	melanoma
35044	ZNF592	15	85345167	melanoma
35045	ZNF592	15	85345167	melanoma
35046	ALPK3	15	85370749	melanoma
35047	ALPK3	15	85383049	melanoma
35048	ALPK3	15	85400253	melanoma
35049	ALPK3	15	85400670	melanoma
35050	ALPK3	15	85411398	melanoma
35051	ALPK3	15	85411398	melanoma
35052	SLC28A1	15	85461769	Codel
35053	SLC28A1	15	85461769	IDHmut
35054	SLC28A1	15	85461769	IDHmut_codel
35055	SLC28A1	15	85461769	LGG GBM
35056	SLC28A1	15	85461769	OligoAstr
35057	SLC28A1	15	85461769	Proneural
35058	SLC28A1	15	85461805	lung
35059	SLC28A1	15	85467219	Astr
35060	SLC28A1	15	85467219	IDHwt
35061	SLC28A1	15	85467219	LGG GBM
35062	SLC28A1	15	85467219	Mesenchymal_like
35063	SLC28A1	15	85478399	Gbm
35064	SLC28A1	15	85478399	IDHwt
35065	SLC28A1	15	85478399	IDHwt_priGBM
35066	SLC28A1	15	85478399	LGG GBM
35067	SLC28A1	15	85478399	Mesenchymal_like
35068	SLC28A1	15	85478399	Proneural
35069	SLC28A1	15	85478601	Classic_like
35070	SLC28A1	15	85478601	IDHwt
35071	SLC28A1	15	85478601	LGG GBM
35072	PDE8A	15	85660904	melanoma
35073	PDE8A	15	85664104	melanoma
35074	PDE8A	15	85666332	melanoma
35075	PDE8A	15	85669483	bladder
35076	AKAP13	15	86128992	melanoma
35077	AKAP13	15	86262400	Codel
35078	AKAP13	15	86262400	Codel
35079	AKAP13	15	86262400	IDHmut
35080	AKAP13	15	86262400	IDHmut
35081	AKAP13	15	86262400	IDHmut_codel
35082	AKAP13	15	86262400	IDHmut_codel
35083	AKAP13	15	86262400	LGG GBM
35084	AKAP13	15	86262400	LGG GBM
35085	AKAP13	15	86262400	Oligo
35086	AKAP13	15	86262400	Oligo
35087	AKAP13	15	86262400	Proneural
35088	AKAP13	15	86262400	Proneural
35089	AKAP13	15	86284635	lung

35090	AGBL1	15	86838537	melanoma
35091	AGBL1	15	87097668	melanoma
35092	AGBL1	15	87097677	melanoma
35093	NTRK3	15	88423551	melanoma
35094	NTRK3	15	88423619	melanoma
35095	NTRK3	15	88423631	bladder
35096	NTRK3	15	88476407	melanoma
35097	NTRK3	15	88522632	melanoma
35098	NTRK3	15	88678460	melanoma
35099	NTRK3	15	88678460	melanoma
35100	NTRK3	15	88726698	melanoma
35101	MRPL46	15	89008970	melanoma
35102	DET1	15	89070875	melanoma
35103	DET1	15	89074362	melanoma
35104	DET1	15	89074362	melanoma
35105	ACAN	15	89382097	lung
35106	ACAN	15	89386832	Classic
35107	ACAN	15	89386832	Classic_like
35108	ACAN	15	89386832	Gbm
35109	ACAN	15	89386832	IDHwt
35110	ACAN	15	89386832	IDHwt_priGBM
35111	ACAN	15	89386832	LGG GBM
35112	ACAN	15	89391161	Classic_like
35113	ACAN	15	89391161	Classic_like
35114	ACAN	15	89391161	Gbm
35115	ACAN	15	89391161	Gbm
35116	ACAN	15	89391161	IDHwt
35117	ACAN	15	89391161	IDHwt
35118	ACAN	15	89391161	IDHwt_priGBM
35119	ACAN	15	89391161	IDHwt_priGBM
35120	ACAN	15	89391161	LGG GBM
35121	ACAN	15	89391161	LGG GBM
35122	ACAN	15	89391161	Mesenchymal
35123	ACAN	15	89391161	Mesenchymal
35124	ACAN	15	89398103	melanoma
35125	ACAN	15	89398503	IDHwt
35126	ACAN	15	89398503	LGG GBM
35127	ACAN	15	89398503	Mesenchymal
35128	ACAN	15	89398503	Mesenchymal_like
35129	ACAN	15	89401808	lung
35130	ACAN	15	89401808	lung
35131	ACAN	15	89401887	melanoma
35132	ACAN	15	89402193	melanoma
35133	HAPLN3	15	89421244	melanoma
35134	HAPLN3	15	89430480	Classic
35135	HAPLN3	15	89430480	Classic_like
35136	HAPLN3	15	89430480	Gbm
35137	HAPLN3	15	89430480	IDHwt
35138	HAPLN3	15	89430480	IDHwt_priGBM
35139	HAPLN3	15	89430480	LGG GBM
35140	HAPLN3	15	89430481	melanoma
35141	HAPLN3	15	89430481	melanoma
35142	HAPLN3	15	89430481	melanoma
35143	FANCI	15	89824406	melanoma
35144	FANCI	15	89849303	melanoma
35145	POLG	15	89868831	melanoma
35146	POLG	15	89868831	melanoma
35147	RHCG	15	90021085	melanoma

35148	TICRR	15	90127704	lung
35149	TICRR	15	90128993	melanoma
35150	KIF7	15	90185469	melanoma
35151	KIF7	15	90188330	Classic_like
35152	KIF7	15	90188330	Gbm
35153	KIF7	15	90188330	IDHwt
35154	KIF7	15	90188330	IDHwt_priGBM
35155	KIF7	15	90188330	LGG GBM
35156	PEX11A	15	90226829	melanoma
35157	WDR93	15	90270391	melanoma
35158	WDR93	15	90272928	melanoma
35159	ANPEP	15	90333722	melanoma
35160	ANPEP	15	90347755	melanoma
35161	ANPEP	15	90349570	melanoma
35162	IDH2	15	90631838	Codel
35163	IDH2	15	90631838	IDHmut
35164	IDH2	15	90631838	IDHmut_codel
35165	IDH2	15	90631838	LGG GBM
35166	IDH2	15	90631838	OligoAstr
35167	IDH2	15	90631838	Codel
35168	IDH2	15	90631838	Codel
35169	IDH2	15	90631838	IDHmut
35170	IDH2	15	90631838	IDHmut
35171	IDH2	15	90631838	IDHmut_codel
35172	IDH2	15	90631838	IDHmut_codel
35173	IDH2	15	90631838	LGG GBM
35174	IDH2	15	90631838	LGG GBM
35175	IDH2	15	90631838	Oligo
35176	IDH2	15	90631838	Oligo
35177	IDH2	15	90631838	OligoAstr
35178	IDH2	15	90631838	Proneural
35179	IDH2	15	90631838	Codel
35180	IDH2	15	90631838	Codel
35181	IDH2	15	90631838	GCIMP_high
35182	IDH2	15	90631838	GCIMP_high
35183	IDH2	15	90631838	IDHmut
35184	IDH2	15	90631838	IDHmut
35185	IDH2	15	90631838	IDHmut
35186	IDH2	15	90631838	IDHmut
35187	IDH2	15	90631838	IDHmut_codel
35188	IDH2	15	90631838	IDHmut_codel
35189	IDH2	15	90631838	IDHmut_noncodel
35190	IDH2	15	90631838	IDHmut_noncodel
35191	IDH2	15	90631838	LGG GBM
35192	IDH2	15	90631838	LGG GBM
35193	IDH2	15	90631838	LGG GBM
35194	IDH2	15	90631838	LGG GBM
35195	IDH2	15	90631838	Oligo
35196	IDH2	15	90631838	Oligo
35197	IDH2	15	90631838	Oligo
35198	IDH2	15	90631838	Oligo
35199	IDH2	15	90631838	Proneural
35200	IDH2	15	90631838	Proneural
35201	IDH2	15	90631838	Proneural
35202	IDH2	15	90631838	Proneural
35203	GDPGP1	15	90784501	melanoma
35204	IQGAP1	15	90982583	melanoma
35205	IQGAP1	15	91017318	lung

35206	IQGAP1	15	91017318	lung
35207	IQGAP1	15	91017318	lung
35208	IQGAP1	15	91030731	Codel
35209	IQGAP1	15	91030731	IDHmut
35210	IQGAP1	15	91030731	IDHmut_codel
35211	IQGAP1	15	91030731	LGG GBM
35212	IQGAP1	15	91030731	Oligo
35213	IQGAP1	15	91030731	Proneural
35214	CRTC3	15	91147628	melanoma
35215	CRTC3	15	91169055	melanoma
35216	CRTC3	15	91172601	melanoma
35217	BLM	15	91310185	Codel
35218	BLM	15	91310185	IDHmut
35219	BLM	15	91310185	IDHmut_codel
35220	BLM	15	91310185	LGG GBM
35221	BLM	15	91310185	Neural
35222	BLM	15	91310185	Oligo
35223	BLM	15	91312409	lung
35224	BLM	15	91312409	lung
35225	BLM	15	91312409	lung
35226	BLM	15	91312735	melanoma
35227	BLM	15	91312735	melanoma
35228	BLM	15	91312735	melanoma
35229	BLM	15	91312735	melanoma
35230	BLM	15	91312761	Classic
35231	BLM	15	91312761	Classic_like
35232	BLM	15	91312761	Gbm
35233	BLM	15	91312761	IDHwt
35234	BLM	15	91312761	IDHwt_priGBM
35235	BLM	15	91312761	LGG GBM
35236	FURIN	15	91421520	melanoma
35237	FURIN	15	91422729	melanoma
35238	FURIN	15	91422729	melanoma
35239	FURIN	15	91422729	melanoma
35240	FURIN	15	91422729	melanoma
35241	FURIN	15	91423457	melanoma
35242	FES	15	91433089	melanoma
35243	MAN2A2	15	91454766	melanoma
35244	MAN2A2	15	91454766	melanoma
35245	UNC45A	15	91486277	melanoma
35246	UNC45A	15	91496188	melanoma
35247	RCCD1	15	91503705	melanoma
35248	RCCD1	15	91503705	melanoma
35249	PRC1	15	91517943	lung
35250	VPS33B	15	91542913	bladder
35251	SV2B	15	91769716	GCIMP_high
35252	SV2B	15	91769716	IDHmut
35253	SV2B	15	91769716	IDHmut_noncodel
35254	SV2B	15	91769716	LGG GBM
35255	SV2B	15	91769716	Proneural
35256	SV2B	15	91795082	melanoma
35257	SV2B	15	91801750	Classic_like
35258	SV2B	15	91801750	Gbm
35259	SV2B	15	91801750	IDHwt
35260	SV2B	15	91801750	IDHwt_priGBM
35261	SV2B	15	91801750	LGG GBM
35262	SLCO3A1	15	92647532	lung
35263	SLCO3A1	15	92669416	melanoma

35264	ST8SIA2	15	92981609	melanoma
35265	CHD2	15	93486145	lung
35266	CHD2	15	93486223	melanoma
35267	CHD2	15	93528878	melanoma
35268	CHD2	15	93563361	Gbm
35269	CHD2	15	93563361	IDHwt
35270	CHD2	15	93563361	IDHwt_priGBM
35271	CHD2	15	93563361	LGG GBM
35272	CHD2	15	93563361	Mesenchymal_like
35273	CHD2	15	93563361	Neural
35274	RGMA	15	93588515	melanoma
35275	MCTP2	15	94882641	melanoma
35276	MCTP2	15	94884070	melanoma
35277	MCTP2	15	94884139	melanoma
35278	NR2F2	15	96877739	Classic_like
35279	NR2F2	15	96877739	Classic_like
35280	NR2F2	15	96877739	Gbm
35281	NR2F2	15	96877739	Gbm
35282	NR2F2	15	96877739	IDHwt
35283	NR2F2	15	96877739	IDHwt
35284	NR2F2	15	96877739	IDHwt_priGBM
35285	NR2F2	15	96877739	IDHwt_priGBM
35286	NR2F2	15	96877739	LGG GBM
35287	NR2F2	15	96877739	LGG GBM
35288	NR2F2	15	96877739	Mesenchymal
35289	NR2F2	15	96877739	Mesenchymal
35290	SPATA8	15	97328273	melanoma
35291	SPATA8	15	97328273	melanoma
35292	ARRDC4	15	98504131	hnscc
35293	ARRDC4	15	98512581	Gbm
35294	ARRDC4	15	98512581	IDHwt
35295	ARRDC4	15	98512581	IDHwt_priGBM
35296	ARRDC4	15	98512581	LGG GBM
35297	ARRDC4	15	98512581	Mesenchymal
35298	IGF1R	15	99192881	Astr
35299	IGF1R	15	99192881	Classic
35300	IGF1R	15	99192881	IDHwt
35301	IGF1R	15	99192881	LGG GBM
35302	IGF1R	15	99192881	Mesenchymal_like
35303	IGF1R	15	99459319	melanoma
35304	PGPEP1L	15	99512679	Classic
35305	PGPEP1L	15	99512679	Gbm
35306	PGPEP1L	15	99512679	IDHwt
35307	PGPEP1L	15	99512679	IDHwt_priGBM
35308	PGPEP1L	15	99512679	LGG GBM
35309	PGPEP1L	15	99512679	Mesenchymal_like
35310	LRRC28	15	99796218	melanoma
35311	LRRC28	15	99926265	melanoma
35312	MEF2A	15	100173331	lung
35313	MEF2A	15	100214665	melanoma
35314	MEF2A	15	100252920	lung
35315	ADAMTS17	15	100801778	melanoma
35316	CERS3	15	100942940	melanoma
35317	CERS3	15	100942940	melanoma
35318	CERS3	15	100996164	Classic_like
35319	CERS3	15	100996164	Gbm
35320	CERS3	15	100996164	IDHwt
35321	CERS3	15	100996164	IDHwt_priGBM

35322	CERS3	15	100996164	LGG GBM
35323	CERS3	15	100996198	melanoma
35324	ALDH1A3	15	101447398	GCIMP_high
35325	ALDH1A3	15	101447398	GCIMP_high
35326	ALDH1A3	15	101447398	IDHmut
35327	ALDH1A3	15	101447398	IDHmut
35328	ALDH1A3	15	101447398	IDHmut_noncodel
35329	ALDH1A3	15	101447398	IDHmut_noncodel
35330	ALDH1A3	15	101447398	LGG GBM
35331	ALDH1A3	15	101447398	LGG GBM
35332	ALDH1A3	15	101447398	Neural
35333	ALDH1A3	15	101447398	Neural
35334	ALDH1A3	15	101447398	OligoAstr
35335	ALDH1A3	15	101447398	OligoAstr
35336	LRRK1	15	101523824	melanoma
35337	LRRK1	15	101528904	Astr
35338	LRRK1	15	101528904	Astr
35339	LRRK1	15	101528904	GCIMP_low
35340	LRRK1	15	101528904	GCIMP_low
35341	LRRK1	15	101528904	IDHmut
35342	LRRK1	15	101528904	IDHmut
35343	LRRK1	15	101528904	IDHmut_noncodel
35344	LRRK1	15	101528904	IDHmut_noncodel
35345	LRRK1	15	101528904	LGG GBM
35346	LRRK1	15	101528904	LGG GBM
35347	LRRK1	15	101528904	Mesenchymal
35348	LRRK1	15	101528904	Mesenchymal
35349	LRRK1	15	101549159	melanoma
35350	LRRK1	15	101598247	melanoma
35351	LRRK1	15	101605839	melanoma
35352	CHSY1	15	101775678	Classic_like
35353	CHSY1	15	101775678	Gbm
35354	CHSY1	15	101775678	LGG GBM
35355	CHSY1	15	101775678	Mesenchymal
35356	TARSL2	15	102226225	melanoma
35357	TARSL2	15	102226225	melanoma
35358	TARSL2	15	102242584	melanoma
35359	TARSL2	15	102255093	melanoma
35360	OR4F6	15	102346502	Gbm
35361	OR4F6	15	102346502	IDHwt
35362	OR4F6	15	102346502	IDHwt_priGBM
35363	OR4F6	15	102346502	LGG GBM
35364	OR4F6	15	102346502	Mesenchymal
35365	OR4F15	15	102358667	melanoma
35366	RHBDF1	16	112811	lung
35367	RHBDF1	16	112811	lung
35368	HBM	16	216356	lung
35369	HBM	16	216356	lung
35370	HBA2	16	223513	melanoma
35371	HBA2	16	223513	melanoma
35372	HBA2	16	223519	melanoma
35373	FAM234A	16	304555	bladder
35374	FAM234A	16	304639	melanoma
35375	FAM234A	16	304639	melanoma
35376	FAM234A	16	313380	melanoma
35377	FAM234A	16	314984	melanoma
35378	FAM234A	16	314984	melanoma
35379	RGS11	16	321413	melanoma

35380	PDIA2	16	334676	melanoma
35381	PDIA2	16	334676	melanoma
35382	TMEM8A	16	425362	melanoma
35383	TMEM8A	16	427097	melanoma
35384	TMEM8A	16	427565	melanoma
35385	NME4	16	450287	melanoma
35386	DECR2	16	460251	melanoma
35387	CAPN15	16	599027	melanoma
35388	PRR35	16	615123	melanoma
35389	PRR35	16	615123	melanoma
35390	NHLRC4	16	618273	melanoma
35391	NHLRC4	16	618273	melanoma
35392	PIGQ	16	624207	melanoma
35393	PIGQ	16	629164	melanoma
35394	RAB40C	16	677420	melanoma
35395	METTL26	16	684581	melanoma
35396	RHBDL1	16	727462	melanoma
35397	RHBDL1	16	727462	melanoma
35398	RHBDL1	16	727462	melanoma
35399	RHBDL1	16	727462	melanoma
35400	WDR24	16	737330	melanoma
35401	WDR24	16	737330	melanoma
35402	WDR24	16	739426	lung
35403	MSLN	16	814090	melanoma
35404	MIR662;RPU5D1	16	823215	Astr
35405	MIR662;RPU5D1	16	823215	Classic
35406	MIR662;RPU5D1	16	823215	Classic_like
35407	MIR662;RPU5D1	16	823215	IDHwt
35408	MIR662;RPU5D1	16	823215	LGG GBM
35409	RPU5D1	16	836879	bladder
35410	CHTF18	16	839605	melanoma
35411	CHTF18	16	847918	melanoma
35412	LMF1	16	1004430	melanoma
35413	LMF1	16	1020928	melanoma
35414	CACNA1H	16	1245019	melanoma
35415	CACNA1H	16	1255172	melanoma
35416	CACNA1H	16	1260872	melanoma
35417	CACNA1H	16	1263879	lung
35418	CACNA1H	16	1270722	melanoma
35419	CACNA1H	16	1270722	melanoma
35420	CACNA1H	16	1270722	melanoma
35421	TPSG1	16	1272721	melanoma
35422	TPSAB1	16	1292215	melanoma
35423	TPSD1	16	1308192	Codel
35424	TPSD1	16	1308192	IDHmut
35425	TPSD1	16	1308192	IDHmut_codel
35426	TPSD1	16	1308192	LGG GBM
35427	TPSD1	16	1308192	Oligo
35428	BAIAP3	16	1395267	melanoma
35429	BAIAP3	16	1395267	melanoma
35430	GNPTG	16	1402010	lung
35431	GNPTG	16	1402010	lung
35432	PTX4	16	1536191	melanoma
35433	PTX4	16	1536191	melanoma
35434	TELO2	16	1544383	melanoma
35435	TELO2	16	1552359	Astr
35436	TELO2	16	1552359	Classic
35437	TELO2	16	1552359	IDHwt

35438	TELO2	16	1552359	LGG GBM
35439	TELO2	16	1552359	Mesenchymal_like
35440	IFT140	16	1570178	melanoma
35441	IFT140	16	1574847	melanoma
35442	IFT140	16	1574847	melanoma
35443	IFT140	16	1574874	melanoma
35444	IFT140	16	1618247	melanoma
35445	IFT140	16	1636204	melanoma
35446	CRAMP1	16	1716510	melanoma
35447	CRAMP1	16	1718096	melanoma
35448	MAPK8IP3	16	1797127	melanoma
35449	MAPK8IP3	16	1797127	melanoma
35450	MRPS34	16	1822409	melanoma
35451	MRPS34	16	1822409	melanoma
35452	NUBP2	16	1836540	melanoma
35453	NUBP2	16	1836541	melanoma
35454	HS3ST6	16	1961793	melanoma
35455	HS3ST6	16	1961793	melanoma
35456	HS3ST6	16	1962054	melanoma
35457	HS3ST6	16	1962204	Gbm
35458	HS3ST6	16	1962204	IDHwt
35459	HS3ST6	16	1962204	IDHwt_priGBM
35460	HS3ST6	16	1962204	LGG GBM
35461	HS3ST6	16	1962204	Mesenchymal
35462	HS3ST6	16	1962204	Mesenchymal_like
35463	RPL3L	16	1997339	melanoma
35464	RPS2	16	2012874	melanoma
35465	RPS2	16	2013158	melanoma
35466	TBL3	16	2025190	melanoma
35467	ZNF598	16	2050069	melanoma
35468	ZNF598	16	2050069	melanoma
35469	SLC9A3R2	16	2079767	melanoma
35470	TSC2	16	2106243	melanoma
35471	TSC2	16	2108843	lung
35472	TSC2	16	2108843	lung
35473	TSC2	16	2122981	Astr
35474	TSC2	16	2122981	Astr
35475	TSC2	16	2122981	GCIMP_high
35476	TSC2	16	2122981	GCIMP_high
35477	TSC2	16	2122981	IDHmut
35478	TSC2	16	2122981	IDHmut
35479	TSC2	16	2122981	IDHmut_noncodel
35480	TSC2	16	2122981	IDHmut_noncodel
35481	TSC2	16	2122981	LGG GBM
35482	TSC2	16	2122981	LGG GBM
35483	TSC2	16	2122981	Mesenchymal
35484	TSC2	16	2122981	Mesenchymal
35485	TSC2	16	2125841	melanoma
35486	TSC2	16	2126137	melanoma
35487	TSC2	16	2130229	melanoma
35488	PKD1	16	2141087	lung
35489	PKD1	16	2141087	lung
35490	PKD1	16	2152600	melanoma
35491	PKD1	16	2153595	melanoma
35492	PKD1	16	2153595	melanoma
35493	PKD1	16	2153595	melanoma
35494	PKD1	16	2160687	Classic_like
35495	PKD1	16	2160687	Classic_like

35496	PKD1	16	2160687	Gbm
35497	PKD1	16	2160687	Gbm
35498	PKD1	16	2160687	LGG GBM
35499	PKD1	16	2160687	LGG GBM
35500	PKD1	16	2160687	Mesenchymal
35501	PKD1	16	2160687	Mesenchymal
35502	PKD1	16	2161401	lung
35503	PKD1	16	2161834	lung
35504	RAB26	16	2202854	Astr
35505	RAB26	16	2202854	Astr
35506	RAB26	16	2202854	IDHwt
35507	RAB26	16	2202854	IDHwt
35508	RAB26	16	2202854	LGG GBM
35509	RAB26	16	2202854	LGG GBM
35510	RAB26	16	2202854	Neural
35511	RAB26	16	2202854	Neural
35512	RAB26	16	2202854	PA_like
35513	RAB26	16	2202854	PA_like
35514	TRAF7	16	2223509	Codel
35515	TRAF7	16	2223509	IDHmut
35516	TRAF7	16	2223509	IDHmut_codel
35517	TRAF7	16	2223509	LGG GBM
35518	TRAF7	16	2223509	Oligo
35519	TRAF7	16	2223509	Proneural
35520	CASKIN1	16	2231462	Classic_like
35521	CASKIN1	16	2231462	Gbm
35522	CASKIN1	16	2231462	IDHwt
35523	CASKIN1	16	2231462	IDHwt_priGBM
35524	CASKIN1	16	2231462	LGG GBM
35525	CASKIN1	16	2231462	Mesenchymal
35526	MLST8	16	2256621	Classic_like
35527	MLST8	16	2256621	IDHwt
35528	MLST8	16	2256621	LGG GBM
35529	E4F1	16	2279574	melanoma
35530	E4F1	16	2279602	melanoma
35531	E4F1	16	2284201	melanoma
35532	ABCA3	16	2329023	melanoma
35533	ABCA3	16	2350077	melanoma
35534	ABCA3	16	2367719	melanoma
35535	ABCA3	16	2367719	melanoma
35536	ABCA3	16	2373622	melanoma
35537	CCNF	16	2499409	melanoma
35538	NTN3	16	2522004	Astr
35539	NTN3	16	2522004	IDHwt
35540	NTN3	16	2522004	LGG GBM
35541	NTN3	16	2522004	Neural
35542	NTN3	16	2522004	PA_like
35543	AMDHD2	16	2570484	melanoma
35544	AMDHD2	16	2571066	lung
35545	SRRM2	16	2809644	melanoma
35546	SRRM2	16	2811755	melanoma
35547	SRRM2	16	2812046	melanoma
35548	SRRM2	16	2812975	melanoma
35549	SRRM2	16	2813966	Gbm
35550	SRRM2	16	2813966	Gbm
35551	SRRM2	16	2813966	IDHwt
35552	SRRM2	16	2813966	IDHwt
35553	SRRM2	16	2813966	IDHwt_priGBM

35554	SRRM2	16	2813966	IDHwt_priGBM
35555	SRRM2	16	2813966	LGG GBM
35556	SRRM2	16	2813966	LGG GBM
35557	SRRM2	16	2813966	Mesenchymal
35558	SRRM2	16	2813966	Mesenchymal
35559	SRRM2	16	2813966	Mesenchymal_like
35560	SRRM2	16	2813966	Mesenchymal_like
35561	SRRM2	16	2814523	melanoma
35562	SRRM2	16	2815550	melanoma
35563	SRRM2	16	2816845	melanoma
35564	SRRM2	16	2817069	bladder
35565	PRSS33	16	2835848	melanoma
35566	ZG16B	16	2882053	melanoma
35567	KREMEN2	16	3016164	melanoma
35568	PAQR4	16	3021597	Gbm
35569	PAQR4	16	3021597	Gbm
35570	PAQR4	16	3021597	IDHwt
35571	PAQR4	16	3021597	IDHwt
35572	PAQR4	16	3021597	IDHwt_priGBM
35573	PAQR4	16	3021597	IDHwt_priGBM
35574	PAQR4	16	3021597	LGG GBM
35575	PAQR4	16	3021597	LGG GBM
35576	PAQR4	16	3021597	Proneural
35577	PAQR4	16	3021597	Proneural
35578	PAQR4	16	3021816	melanoma
35579	PAQR4	16	3021816	melanoma
35580	THOC6	16	3075933	melanoma
35581	BICDL2	16	3080494	melanoma
35582	BICDL2	16	3085469	melanoma
35583	MMP25	16	3100358	melanoma
35584	MMP25	16	3108512	melanoma
35585	ZSCAN10	16	3139747	melanoma
35586	OR1F1	16	3254784	melanoma
35587	OR1F1	16	3255094	melanoma
35588	OR1F1	16	3255094	melanoma
35589	OR1F1	16	3255094	melanoma
35590	ZNF200	16	3282498	melanoma
35591	MEFV	16	3293542	melanoma
35592	MEFV	16	3297060	melanoma
35593	MEFV	16	3299649	Classic
35594	MEFV	16	3299649	Gbm
35595	MEFV	16	3299649	IDHwt
35596	MEFV	16	3299649	IDHwt_priGBM
35597	MEFV	16	3299649	LGG GBM
35598	MEFV	16	3299649	Mesenchymal_like
35599	MEFV	16	3304695	melanoma
35600	MEFV	16	3304734	melanoma
35601	MEFV	16	3304734	melanoma
35602	ZNF263	16	3333982	melanoma
35603	ZNF263	16	3333982	melanoma
35604	ZNF263	16	3339765	Codel
35605	ZNF263	16	3339765	IDHmut
35606	ZNF263	16	3339765	IDHmut_codel
35607	ZNF263	16	3339765	LGG GBM
35608	ZNF263	16	3339765	Neural
35609	ZNF263	16	3339765	Oligo
35610	ZNF263	16	3340248	melanoma
35611	ZNF75A	16	3367234	melanoma

35612	OR2C1	16	3405993	melanoma
35613	OR2C1	16	3406140	melanoma
35614	OR2C1	16	3406140	melanoma
35615	OR2C1	16	3406140	melanoma
35616	OR2C1	16	3406348	melanoma
35617	ZSCAN32	16	3447533	melanoma
35618	ZNF174	16	3454556	melanoma
35619	ZNF597	16	3486491	melanoma
35620	ZNF597	16	3487344	melanoma
35621	NAA60	16	3532521	melanoma
35622	NAA60	16	3532521	melanoma
35623	NAA60	16	3534803	melanoma
35624	NAA60	16	3534803	melanoma
35625	CLUAP1	16	3565520	melanoma
35626	CLUAP1	16	3565520	melanoma
35627	SLX4	16	3632525	melanoma
35628	SLX4	16	3639062	melanoma
35629	SLX4	16	3639063	melanoma
35630	SLX4	16	3639063	melanoma
35631	SLX4	16	3640478	melanoma
35632	SLX4	16	3647660	melanoma
35633	SLX4	16	3647911	melanoma
35634	TRAP1	16	3713560	lung
35635	TRAP1	16	3727547	melanoma
35636	TRAP1	16	3727547	melanoma
35637	CREBBP	16	3781317	Astr
35638	CREBBP	16	3781317	Classic
35639	CREBBP	16	3781317	Classic_like
35640	CREBBP	16	3781317	IDHwt
35641	CREBBP	16	3781317	LGG GBM
35642	CREBBP	16	3786688	melanoma
35643	CREBBP	16	3788632	lung
35644	CREBBP	16	3830755	lung
35645	CREBBP	16	3900353	melanoma
35646	CREBBP	16	3900392	melanoma
35647	SRL	16	4245578	Classic_like
35648	SRL	16	4245578	Gbm
35649	SRL	16	4245578	IDHwt
35650	SRL	16	4245578	IDHwt_priGBM
35651	SRL	16	4245578	LGG GBM
35652	GLIS2	16	4385079	melanoma
35653	RO7;CORO7-PAM	16	4407215	bladder
35654	RO7;CORO7-PAM	16	4409376	Gbm
35655	RO7;CORO7-PAM	16	4409376	IDHwt
35656	RO7;CORO7-PAM	16	4409376	IDHwt_priGBM
35657	RO7;CORO7-PAM	16	4409376	LGG GBM
35658	RO7;CORO7-PAM	16	4409376	Mesenchymal_like
35659	RO7;CORO7-PAM	16	4409376	Neural
35660	RO7;CORO7-PAM	16	4414362	melanoma
35661	DNAJA3	16	4496929	melanoma
35662	DNAJA3	16	4496929	melanoma
35663	NUDT16L1	16	4744018	melanoma
35664	ANKS3	16	4764087	melanoma
35665	ANKS3	16	4780060	melanoma
35666	C16orf71	16	4790608	melanoma
35667	C16orf71	16	4790608	melanoma
35668	C16orf71	16	4797478	melanoma
35669	ZNF500	16	4802936	melanoma

35670	ROGDI	16	4851318	lung
35671	GLYR1	16	4861194	melanoma
35672	GLYR1	16	4863830	Classic
35673	GLYR1	16	4863830	Classic_like
35674	GLYR1	16	4863830	Gbm
35675	GLYR1	16	4863830	IDHwt
35676	GLYR1	16	4863830	IDHwt_priGBM
35677	GLYR1	16	4863830	LGG GBM
35678	UBN1	16	4924582	melanoma
35679	UBN1	16	4924582	melanoma
35680	UBN1	16	4924617	melanoma
35681	UBN1	16	4925233	melanoma
35682	UBN1	16	4927416	melanoma
35683	UBN1	16	4927416	melanoma
35684	PPL	16	4945366	lung
35685	SEC14L5	16	5046429	melanoma
35686	SEC14L5	16	5055945	Astr
35687	SEC14L5	16	5055945	Classic
35688	SEC14L5	16	5055945	IDHwt
35689	SEC14L5	16	5055945	LGG GBM
35690	SEC14L5	16	5055945	Mesenchymal_like
35691	SEC14L5	16	5061157	melanoma
35692	SEC14L5	16	5061157	melanoma
35693	SEC14L5	16	5061202	Codel
35694	SEC14L5	16	5061202	IDHmut
35695	SEC14L5	16	5061202	IDHmut_codel
35696	SEC14L5	16	5061202	LGG GBM
35697	SEC14L5	16	5061202	OligoAstr
35698	SEC14L5	16	5061202	Proneural
35699	SEC14L5	16	5064922	melanoma
35700	RBFOX1	16	7629894	Codel
35701	RBFOX1	16	7629894	Codel
35702	RBFOX1	16	7629894	Codel
35703	RBFOX1	16	7629894	IDHmut
35704	RBFOX1	16	7629894	IDHmut
35705	RBFOX1	16	7629894	IDHmut
35706	RBFOX1	16	7629894	IDHmut_codel
35707	RBFOX1	16	7629894	IDHmut_codel
35708	RBFOX1	16	7629894	IDHmut_codel
35709	RBFOX1	16	7629894	LGG GBM
35710	RBFOX1	16	7629894	LGG GBM
35711	RBFOX1	16	7629894	LGG GBM
35712	RBFOX1	16	7629894	Oligo
35713	RBFOX1	16	7629894	Oligo
35714	RBFOX1	16	7629894	Oligo
35715	RBFOX1	16	7629894	Proneural
35716	RBFOX1	16	7629894	Proneural
35717	RBFOX1	16	7629894	Proneural
35718	RBFOX1	16	7645572	melanoma
35719	RBFOX1	16	7726780	melanoma
35720	RBFOX1	16	7743358	melanoma
35721	RBFOX1	16	7759084	melanoma
35722	RBFOX1	16	7759536	bladder
35723	RBFOX1	16	7760722	melanoma
35724	ABAT	16	8870228	melanoma
35725	ABAT	16	8870228	melanoma
35726	CARHSP1	16	8953152	melanoma
35727	USP7	16	9000429	melanoma

35728	GRIN2A	16	9857113	melanoma
35729	GRIN2A	16	9857178	Astr
35730	GRIN2A	16	9857178	Classic
35731	GRIN2A	16	9857178	Classic_like
35732	GRIN2A	16	9857178	IDHwt
35733	GRIN2A	16	9857178	LGG GBM
35734	GRIN2A	16	9857296	melanoma
35735	GRIN2A	16	9857296	melanoma
35736	GRIN2A	16	9857296	melanoma
35737	GRIN2A	16	9858007	melanoma
35738	GRIN2A	16	9858072	Astr
35739	GRIN2A	16	9858072	GCIMP_high
35740	GRIN2A	16	9858072	IDHmut
35741	GRIN2A	16	9858072	IDHmut_noncodel
35742	GRIN2A	16	9858072	LGG GBM
35743	GRIN2A	16	9858072	Neural
35744	GRIN2A	16	9858210	Gbm
35745	GRIN2A	16	9858210	IDHwt
35746	GRIN2A	16	9858210	IDHwt_priGBM
35747	GRIN2A	16	9858210	LGG GBM
35748	GRIN2A	16	9858210	Mesenchymal
35749	GRIN2A	16	9858238	melanoma
35750	GRIN2A	16	9858267	melanoma
35751	GRIN2A	16	9858666	melanoma
35752	GRIN2A	16	9858736	melanoma
35753	GRIN2A	16	9862944	melanoma
35754	GRIN2A	16	9916193	melanoma
35755	GRIN2A	16	9916206	melanoma
35756	GRIN2A	16	9928063	lung
35757	GRIN2A	16	9934647	GCIMP_high
35758	GRIN2A	16	9934647	GCIMP_high
35759	GRIN2A	16	9934647	GCIMP_high
35760	GRIN2A	16	9934647	IDHmut
35761	GRIN2A	16	9934647	IDHmut
35762	GRIN2A	16	9934647	IDHmut
35763	GRIN2A	16	9934647	IDHmut_noncodel
35764	GRIN2A	16	9934647	IDHmut_noncodel
35765	GRIN2A	16	9934647	IDHmut_noncodel
35766	GRIN2A	16	9934647	LGG GBM
35767	GRIN2A	16	9934647	LGG GBM
35768	GRIN2A	16	9934647	LGG GBM
35769	GRIN2A	16	9934647	Proneural
35770	GRIN2A	16	9934647	Proneural
35771	GRIN2A	16	9934647	Proneural
35772	GRIN2A	16	9943632	IDHwt_priGBM2
35773	GRIN2A	16	9984868	melanoma
35774	GRIN2A	16	10031984	melanoma
35775	GRIN2A	16	10031984	melanoma
35776	GRIN2A	16	10031984	melanoma
35777	GRIN2A	16	10031984	melanoma
35778	GRIN2A	16	10031990	melanoma
35779	GRIN2A	16	10031999	melanoma
35780	GRIN2A	16	10032018	melanoma
35781	ATF7IP2	16	10574752	melanoma
35782	ATF7IP2	16	10574752	melanoma
35783	TEKT5	16	10769901	hnsc
35784	TEKT5	16	10769901	hnsc
35785	TEKT5	16	10769947	melanoma

35786	TEKT5	16	10788195	Gbm
35787	TEKT5	16	10788195	Gbm
35788	TEKT5	16	10788195	Gbm
35789	TEKT5	16	10788195	IDHwt
35790	TEKT5	16	10788195	IDHwt
35791	TEKT5	16	10788195	IDHwt
35792	TEKT5	16	10788195	IDHwt_priGBM
35793	TEKT5	16	10788195	IDHwt_priGBM
35794	TEKT5	16	10788195	IDHwt_priGBM
35795	TEKT5	16	10788195	LGG GBM
35796	TEKT5	16	10788195	LGG GBM
35797	TEKT5	16	10788195	LGG GBM
35798	TEKT5	16	10788195	Mesenchymal_like
35799	TEKT5	16	10788195	Mesenchymal_like
35800	TEKT5	16	10788195	Mesenchymal_like
35801	TEKT5	16	10788483	melanoma
35802	TEKT5	16	10788483	melanoma
35803	TVP23A	16	10867944	GCIMP_low
35804	TVP23A	16	10867944	IDHmut
35805	TVP23A	16	10867944	IDHmut_noncodel
35806	TVP23A	16	10867944	LGG GBM
35807	TVP23A	16	10867944	OligoAstr
35808	TVP23A	16	10867944	Proneural
35809	CIITA	16	10996005	melanoma
35810	CIITA	16	11001030	melanoma
35811	CLEC16A	16	11076753	melanoma
35812	CLEC16A	16	11076753	melanoma
35813	CLEC16A	16	11217653	melanoma
35814	CLEC16A	16	11220010	bladder
35815	CLEC16A	16	11220010	bladder
35816	CLEC16A	16	11272360	melanoma
35817	TXNDC11	16	11785442	melanoma
35818	TXNDC11	16	11785442	melanoma
35819	TXNDC11	16	11785442	melanoma
35820	TXNDC11	16	11785442	melanoma
35821	GSPT1	16	11976910	melanoma
35822	SNX29	16	12142386	lung
35823	SNX29	16	12662371	melanoma
35824	CPPED1	16	12798613	GCIMP_high
35825	CPPED1	16	12798613	IDHmut
35826	CPPED1	16	12798613	IDHmut_noncodel
35827	CPPED1	16	12798613	LGG GBM
35828	CPPED1	16	12798613	Neural
35829	CPPED1	16	12798613	OligoAstr
35830	ERCC4	16	14024621	Classic
35831	ERCC4	16	14024621	Classic_like
35832	ERCC4	16	14024621	Gbm
35833	ERCC4	16	14024621	IDHwt
35834	ERCC4	16	14024621	IDHwt_priGBM
35835	ERCC4	16	14024621	LGG GBM
35836	MKL2	16	14328093	lung
35837	NOMO1	16	14958488	melanoma
35838	NOMO1	16	14958488	melanoma
35839	NOMO1	16	14989377	melanoma
35840	NOMO1	16	14989378	melanoma
35841	RRN3	16	15157109	melanoma
35842	RRN3	16	15159143	melanoma
35843	C16orf45	16	15609218	Classic

35844	C16orf45	16	15609218	Classic
35845	C16orf45	16	15609218	IDHwt
35846	C16orf45	16	15609218	IDHwt
35847	C16orf45	16	15609218	LGG GBM
35848	C16orf45	16	15609218	LGG GBM
35849	C16orf45	16	15609218	Mesenchymal_like
35850	C16orf45	16	15609218	Mesenchymal_like
35851	C16orf45	16	15609218	OligoAstr
35852	C16orf45	16	15609218	OligoAstr
35853	MARF1	16	15711240	melanoma
35854	MARF1	16	15728739	melanoma
35855	MARF1	16	15728739	melanoma
35856	MYH11	16	15812188	melanoma
35857	MYH11	16	15818262	melanoma
35858	MYH11	16	15831445	melanoma
35859	MYH11	16	15841911	IDHwt_priGBM2
35860	MYH11	16	15850323	melanoma
35861	MYH11	16	15917133	melanoma
35862	MYH11	16	15931791	melanoma
35863	MYH11	16	15931791	melanoma
35864	ABCC1	16	16150051	Astr
35865	ABCC1	16	16150051	Classic
35866	ABCC1	16	16150051	Classic_like
35867	ABCC1	16	16150051	IDHwt
35868	ABCC1	16	16150051	LGG GBM
35869	ABCC1	16	16232321	melanoma
35870	ABCC1	16	16235124	melanoma
35871	ABCC6	16	16255375	hnsc
35872	XYLT1	16	17228396	GCIMP_high
35873	XYLT1	16	17228396	IDHmut
35874	XYLT1	16	17228396	IDHmut_noncodel
35875	XYLT1	16	17228396	LGG GBM
35876	XYLT1	16	17228396	OligoAstr
35877	XYLT1	16	17228396	Proneural
35878	XYLT1	16	17353103	melanoma
35879	NOMO2	16	18532160	lung
35880	RPS15A	16	18799453	hnsc
35881	RPS15A	16	18799453	hnsc
35882	SMG1	16	18826829	melanoma
35883	SMG1	16	18858910	melanoma
35884	SMG1	16	18869608	melanoma
35885	SMG1	16	18896889	melanoma
35886	SMG1	16	18902201	melanoma
35887	SMG1	16	18908189	melanoma
35888	SMG1	16	18908189	melanoma
35889	TMC7	16	19032965	melanoma
35890	TMC7	16	19068012	melanoma
35891	SYT17	16	19195101	melanoma
35892	TMC5	16	19451679	bladder
35893	TMC5	16	19451694	melanoma
35894	TMC5	16	19451776	lung
35895	TMC5	16	19451958	melanoma
35896	TMC5	16	19455470	melanoma
35897	TMC5	16	19477450	melanoma
35898	GDE1	16	19528460	lung
35899	C16orf62	16	19584547	melanoma
35900	C16orf62	16	19661765	melanoma
35901	C16orf62	16	19661765	melanoma

35902	GPR139	16	20043968	melanoma
35903	GP2	16	20326011	melanoma
35904	UMOD	16	20352590	melanoma
35905	UMOD	16	20352620	melanoma
35906	UMOD	16	20352629	lung
35907	PDILT	16	20380926	melanoma
35908	ACSM5	16	20429429	melanoma
35909	ACSM5	16	20430625	melanoma
35910	ACSM5	16	20435379	melanoma
35911	ACSM5	16	20451165	Codel
35912	ACSM5	16	20451165	IDHmut
35913	ACSM5	16	20451165	IDHmut_codel
35914	ACSM5	16	20451165	LGG GBM
35915	ACSM5	16	20451165	Oligo
35916	ACSM5	16	20451165	Proneural
35917	ACSM2A	16	20486760	melanoma
35918	ACSM2A	16	20494446	melanoma
35919	ACSM2B	16	20565160	melanoma
35920	ACSM1	16	20638538	melanoma
35921	ACSM1	16	20651788	melanoma
35922	ACSM3	16	20781462	melanoma
35923	ACSM3	16	20787305	melanoma
35924	ERI2	16	20814186	melanoma
35925	REXO5	16	20833216	melanoma
35926	REXO5	16	20833216	melanoma
35927	REXO5	16	20851105	melanoma
35928	DNAH3	16	20946792	melanoma
35929	DNAH3	16	20955970	melanoma
35930	DNAH3	16	20959876	melanoma
35931	DNAH3	16	20959876	melanoma
35932	DNAH3	16	20974801	melanoma
35933	DNAH3	16	20975497	melanoma
35934	DNAH3	16	20975828	bladder
35935	DNAH3	16	20976279	melanoma
35936	DNAH3	16	20976700	melanoma
35937	DNAH3	16	20981309	melanoma
35938	DNAH3	16	20994157	melanoma
35939	DNAH3	16	20994214	melanoma
35940	DNAH3	16	20994214	melanoma
35941	DNAH3	16	20994214	melanoma
35942	DNAH3	16	20994214	melanoma
35943	DNAH3	16	20996857	melanoma
35944	DNAH3	16	20999357	melanoma
35945	DNAH3	16	21014518	melanoma
35946	DNAH3	16	21038431	melanoma
35947	DNAH3	16	21063104	melanoma
35948	DNAH3	16	21063123	melanoma
35949	DNAH3	16	21069505	melanoma
35950	DNAH3	16	21069510	melanoma
35951	DNAH3	16	21080833	Classic_like
35952	DNAH3	16	21080833	Gbm
35953	DNAH3	16	21080833	IDHwt
35954	DNAH3	16	21080833	IDHwt_priGBM
35955	DNAH3	16	21080833	LGG GBM
35956	DNAH3	16	21080833	Mesenchymal
35957	DNAH3	16	21098244	melanoma
35958	DNAH3	16	21133271	melanoma
35959	DNAH3	16	21139066	melanoma

35960	DNAH3	16	21157325	melanoma
35961	ZP2	16	21209092	melanoma
35962	ZP2	16	21213314	melanoma
35963	ZP2	16	21213314	melanoma
35964	ANKS4B	16	21245084	Codel
35965	ANKS4B	16	21245084	IDHmut
35966	ANKS4B	16	21245084	IDHmut_codel
35967	ANKS4B	16	21245084	LGG GBM
35968	ANKS4B	16	21245084	OligoAstr
35969	CRYM	16	21278893	lung
35970	CRYM	16	21278893	lung
35971	CRYM	16	21281121	melanoma
35972	CRYM	16	21281137	GCIMP_low
35973	CRYM	16	21281137	IDHmut
35974	CRYM	16	21281137	IDHmut_noncodel
35975	CRYM	16	21281137	LGG GBM
35976	METTL9	16	21629254	melanoma
35977	OTOA	16	21747631	melanoma
35978	OTOA	16	21747631	melanoma
35979	NPIPB4	16	21854860	melanoma
35980	NPIPB4	16	21854860	melanoma
35981	NPIPB4	16	21854869	melanoma
35982	VWA3A	16	22128447	melanoma
35983	VWA3A	16	22128447	melanoma
35984	VWA3A	16	22132882	melanoma
35985	VWA3A	16	22142943	bladder
35986	VWA3A	16	22155703	melanoma
35987	VWA3A	16	22163864	melanoma
35988	POLR3E	16	22320342	melanoma
35989	POLR3E	16	22330158	melanoma
35990	POLR3E	16	22343445	melanoma
35991	CDR2	16	22358975	melanoma
35992	HS3ST2	16	22926362	melanoma
35993	HS3ST2	16	22926639	melanoma
35994	USP31	16	23098437	melanoma
35995	USP31	16	23113744	melanoma
35996	USP31	16	23113744	melanoma
35997	SCNN1G	16	23200967	melanoma
35998	SCNN1G	16	23200967	melanoma
35999	SCNN1G	16	23200967	melanoma
36000	SCNN1G	16	23203725	bladder
36001	SCNN1G	16	23208617	melanoma
36002	SCNN1G	16	23224211	melanoma
36003	SCNN1G	16	23224211	melanoma
36004	SCNN1G	16	23224211	melanoma
36005	SCNN1G	16	23226426	melanoma
36006	SCNN1G	16	23226426	melanoma
36007	SCNN1G	16	23226426	melanoma
36008	SCNN1G	16	23226426	melanoma
36009	SCNN1G	16	23226426	melanoma
36010	SCNN1B	16	23366788	Classic
36011	SCNN1B	16	23366788	Gbm
36012	SCNN1B	16	23366788	IDHwt
36013	SCNN1B	16	23366788	IDHwt_priGBM
36014	SCNN1B	16	23366788	LGG GBM
36015	SCNN1B	16	23366788	Mesenchymal_like
36016	SCNN1B	16	23379254	melanoma
36017	GGA2	16	23521693	hnscc

36018	EARS2	16	23536615	melanoma
36019	PALB2	16	23635412	melanoma
36020	PALB2	16	23641383	melanoma
36021	PALB2	16	23641767	melanoma
36022	PALB2	16	23646648	melanoma
36023	PLK1	16	23695306	melanoma
36024	ERN2	16	23706564	melanoma
36025	ERN2	16	23706564	melanoma
36026	ERN2	16	23707240	melanoma
36027	ERN2	16	23707240	melanoma
36028	ERN2	16	23707269	melanoma
36029	ERN2	16	23713547	melanoma
36030	CHP2	16	23767175	melanoma
36031	PRKCB	16	24043516	lung
36032	PRKCB	16	24192247	melanoma
36033	PRKCB	16	24196480	melanoma
36034	PRKCB	16	24196480	melanoma
36035	CACNG3	16	24358126	melanoma
36036	CACNG3	16	24373024	melanoma
36037	RBBP6	16	24580128	melanoma
36038	RBBP6	16	24580929	lung
36039	RBBP6	16	24583474	melanoma
36040	RBBP6	16	24583474	melanoma
36041	TNRC6A	16	24788556	melanoma
36042	TNRC6A	16	24802782	melanoma
36043	TNRC6A	16	24826503	melanoma
36044	TNRC6A	16	24826503	melanoma
36045	SLC5A11	16	24902283	lung
36046	ARHGAP17	16	24942347	melanoma
36047	ARHGAP17	16	24942347	melanoma
36048	ARHGAP17	16	24950733	melanoma
36049	ARHGAP17	16	24964348	melanoma
36050	ARHGAP17	16	24971049	melanoma
36051	LCMT1	16	25139872	melanoma
36052	LCMT1	16	25175963	melanoma
36053	LCMT1	16	25180459	bladder
36054	ZKSCAN2	16	25251946	Gbm
36055	ZKSCAN2	16	25251946	Gbm
36056	ZKSCAN2	16	25251946	IDHwt
36057	ZKSCAN2	16	25251946	IDHwt
36058	ZKSCAN2	16	25251946	IDHwt_priGBM
36059	ZKSCAN2	16	25251946	IDHwt_priGBM
36060	ZKSCAN2	16	25251946	LGG GBM
36061	ZKSCAN2	16	25251946	LGG GBM
36062	ZKSCAN2	16	25251946	LGm6_GBM
36063	ZKSCAN2	16	25251946	LGm6_GBM
36064	ZKSCAN2	16	25263235	melanoma
36065	ZKSCAN2	16	25263235	melanoma
36066	HS3ST4	16	26147153	Gbm
36067	HS3ST4	16	26147153	IDHwt
36068	HS3ST4	16	26147153	IDHwt_priGBM
36069	HS3ST4	16	26147153	LGG GBM
36070	HS3ST4	16	26147153	Mesenchymal_like
36071	HS3ST4	16	26147153	Proneural
36072	HS3ST4	16	26147193	melanoma
36073	HS3ST4	16	26147274	melanoma
36074	HS3ST4	16	26147274	melanoma
36075	HS3ST4	16	26147496	melanoma

36076	KDM8	16	27226253	melanoma
36077	IL4R	16	27363945	Gbm
36078	IL4R	16	27363945	IDHwt
36079	IL4R	16	27363945	IDHwt_priGBM
36080	IL4R	16	27363945	LGG GBM
36081	IL4R	16	27363945	Mesenchymal_like
36082	IL4R	16	27363945	Neural
36083	IL21R	16	27454324	melanoma
36084	IL21R	16	27454357	melanoma
36085	GTF3C1	16	27476066	melanoma
36086	GTF3C1	16	27483096	melanoma
36087	GTF3C1	16	27483096	melanoma
36088	GTF3C1	16	27483111	melanoma
36089	GTF3C1	16	27483187	Gbm
36090	GTF3C1	16	27483187	IDHwt
36091	GTF3C1	16	27483187	IDHwt_priGBM
36092	GTF3C1	16	27483187	LGG GBM
36093	GTF3C1	16	27483187	Mesenchymal
36094	GTF3C1	16	27495587	melanoma
36095	GTF3C1	16	27499713	Classic
36096	GTF3C1	16	27499713	Gbm
36097	GTF3C1	16	27499713	IDHwt
36098	GTF3C1	16	27499713	IDHwt_priGBM
36099	GTF3C1	16	27499713	LGG GBM
36100	GTF3C1	16	27499713	Mesenchymal_like
36101	GTF3C1	16	27503787	melanoma
36102	GTF3C1	16	27518431	melanoma
36103	KIAA0556	16	27642452	melanoma
36104	KIAA0556	16	27689108	melanoma
36105	KIAA0556	16	27761054	melanoma
36106	KIAA0556	16	27786388	melanoma
36107	XPO6	16	28137080	GCIMP_high
36108	XPO6	16	28137080	IDHmut
36109	XPO6	16	28137080	IDHmut_noncodel
36110	XPO6	16	28137080	LGG GBM
36111	XPO6	16	28137080	Oligo
36112	XPO6	16	28137080	Proneural
36113	EIF3C;EIF3CL	16	28403151	melanoma
36114	APOBR	16	28507744	lung
36115	IL27	16	28515227	melanoma
36116	IL27	16	28515246	melanoma
36117	SGF29	16	28601705	melanoma
36118	SULT1A1	16	28619805	melanoma
36119	ATXN2L	16	28845929	melanoma
36120	ATXN2L	16	28846502	melanoma
36121	ATXN2L	16	28847375	melanoma
36122	ATP2A1	16	28909345	melanoma
36123	CD19	16	28944303	melanoma
36124	SPNS1	16	28992797	Classic_like
36125	SPNS1	16	28992797	Gbm
36126	SPNS1	16	28992797	IDHwt
36127	SPNS1	16	28992797	IDHwt_priGBM
36128	SPNS1	16	28992797	LGG GBM
36129	SPNS1	16	28992797	Mesenchymal
36130	SPNS1	16	28993296	melanoma
36131	SPNS1	16	28995135	melanoma
36132	SPNS1	16	28995135	melanoma
36133	LAT	16	29001266	melanoma

36134	LAT	16	29001266	melanoma
36135	SPN	16	29676017	melanoma
36136	KIF22	16	29810354	melanoma
36137	KIF22	16	29811344	hnscc
36138	KIF22	16	29814122	melanoma
36139	MAZ	16	29819034	melanoma
36140	MAZ	16	29819034	melanoma
36141	MAZ	16	29819095	lung
36142	MAZ	16	29819095	melanoma
36143	MAZ	16	29819095	lung
36144	MAZ	16	29820039	melanoma
36145	PRRT2	16	29824976	lung
36146	MVP	16	29841933	lung
36147	MVP	16	29858551	melanoma
36148	SEZ6L2	16	29884701	Classic
36149	SEZ6L2	16	29884701	Classic_like
36150	SEZ6L2	16	29884701	Gbm
36151	SEZ6L2	16	29884701	IDHwt
36152	SEZ6L2	16	29884701	IDHwt_priGBM
36153	SEZ6L2	16	29884701	LGG GBM
36154	SEZ6L2	16	29906661	melanoma
36155	SEZ6L2	16	29906661	melanoma
36156	SEZ6L2	16	29906661	melanoma
36157	SEZ6L2	16	29908280	melanoma
36158	ASPHD1	16	29912860	melanoma
36159	TAOK2	16	29990608	melanoma
36160	TAOK2	16	29997844	melanoma
36161	TAOK2	16	29997844	melanoma
36162	TAOK2	16	29998481	melanoma
36163	TAOK2	16	29998639	melanoma
36164	TAOK2	16	29999156	bladder
36165	INO80E	16	30012342	melanoma
36166	INO80E	16	30012342	melanoma
36167	INO80E	16	30012342	melanoma
36168	DOC2A	16	30020345	melanoma
36169	FAM57B	16	30036725	melanoma
36170	FAM57B	16	30037991	GCIMP_high
36171	FAM57B	16	30037991	IDHmut
36172	FAM57B	16	30037991	IDHmut_noncodel
36173	FAM57B	16	30037991	LGG GBM
36174	FAM57B	16	30037991	Neural
36175	FAM57B	16	30037991	Oligo
36176	ALDOA	16	30078795	melanoma
36177	ALDOA	16	30078795	melanoma
36178	MAPK3	16	30128054	Gbm
36179	MAPK3	16	30128054	IDHwt
36180	MAPK3	16	30128054	IDHwt_priGBM
36181	MAPK3	16	30128054	LGG GBM
36182	MAPK3	16	30128054	Mesenchymal
36183	MAPK3	16	30128054	Mesenchymal_like
36184	CORO1A	16	30198470	melanoma
36185	CORO1A	16	30199693	bladder
36186	TBC1D10B	16	30369737	melanoma
36187	1-Sep	16	30392784	melanoma
36188	ITGAL	16	30495495	melanoma
36189	ZNF747	16	30544347	melanoma
36190	ZNF785	16	30596751	melanoma
36191	ZNF785	16	30596751	melanoma

36192	ZNF689	16	30616153	Codel
36193	ZNF689	16	30616153	IDHmut
36194	ZNF689	16	30616153	IDHmut_codel
36195	ZNF689	16	30616153	LGG GBM
36196	ZNF689	16	30616153	Proneural
36197	PRR14	16	30667495	melanoma
36198	SRCAP	16	30724634	melanoma
36199	SRCAP	16	30727501	bladder
36200	SRCAP	16	30745034	melanoma
36201	SRCAP	16	30747624	melanoma
36202	SRCAP	16	30749511	melanoma
36203	ZNF629	16	30794237	melanoma
36204	ORAI3	16	30964843	melanoma
36205	ORAI3	16	30964843	melanoma
36206	ORAI3	16	30964843	melanoma
36207	ORAI3	16	30964843	melanoma
36208	SETD1A	16	30976044	bladder
36209	SETD1A	16	30978284	melanoma
36210	SETD1A	16	30978284	melanoma
36211	SETD1A	16	30978378	bladder
36212	ZNF668	16	31072792	GCIMP_high
36213	ZNF668	16	31072792	IDHmut
36214	ZNF668	16	31072792	IDHmut_noncodel
36215	ZNF668	16	31072792	LGG GBM
36216	ZNF668	16	31072792	Proneural
36217	ZNF646	16	31088519	bladder
36218	ZNF646	16	31091906	melanoma
36219	PRSS53	16	31097312	melanoma
36220	PRSS36	16	31154214	bladder
36221	FUS	16	31202355	lung
36222	PYCARD	16	31213106	melanoma
36223	PYCARD	16	31213866	melanoma
36224	PYCARD	16	31213984	bladder
36225	ITGAM	16	31286996	Classic
36226	ITGAM	16	31286996	Classic_like
36227	ITGAM	16	31286996	Gbm
36228	ITGAM	16	31286996	IDHwt
36229	ITGAM	16	31286996	IDHwt_priGBM
36230	ITGAM	16	31286996	LGG GBM
36231	ITGAM	16	31308953	melanoma
36232	ITGAM	16	31336846	Classic
36233	ITGAM	16	31336846	Classic_like
36234	ITGAM	16	31336846	Gbm
36235	ITGAM	16	31336846	IDHwt
36236	ITGAM	16	31336846	IDHwt_priGBM
36237	ITGAM	16	31336846	LGG GBM
36238	ITGAX	16	31371362	IDHwt_priGBM2
36239	ITGAX	16	31371362	IDHwt_priGBM2
36240	ITGAX	16	31382732	lung
36241	ITGAX	16	31383748	Gbm
36242	ITGAX	16	31383748	Gbm
36243	ITGAX	16	31383748	IDHwt
36244	ITGAX	16	31383748	IDHwt
36245	ITGAX	16	31383748	IDHwt_priGBM
36246	ITGAX	16	31383748	IDHwt_priGBM
36247	ITGAX	16	31383748	LGG GBM
36248	ITGAX	16	31383748	LGG GBM
36249	ITGAX	16	31383748	Mesenchymal_like

36250	ITGAX	16	31383748	Mesenchymal_like
36251	ITGAX	16	31383748	Proneural
36252	ITGAX	16	31383748	Proneural
36253	ITGAX	16	31383757	lung
36254	ITGAX	16	31383757	lung
36255	ITGAX	16	31391310	melanoma
36256	ITGAX	16	31391656	melanoma
36257	ITGAX	16	31391656	melanoma
36258	ITGAD	16	31422097	Gbm
36259	ITGAD	16	31422097	Gbm
36260	ITGAD	16	31422097	IDHwt
36261	ITGAD	16	31422097	IDHwt
36262	ITGAD	16	31422097	IDHwt_priGBM
36263	ITGAD	16	31422097	IDHwt_priGBM
36264	ITGAD	16	31422097	LGG GBM
36265	ITGAD	16	31422097	LGG GBM
36266	ITGAD	16	31422097	LGM6_GBM
36267	ITGAD	16	31422097	LGM6_GBM
36268	ITGAD	16	31429634	melanoma
36269	COX6A2	16	31439385	melanoma
36270	ARMC5	16	31474130	lung
36271	ARMC5	16	31476460	melanoma
36272	ARMC5	16	31476460	melanoma
36273	TGFB1I1	16	31488299	lung
36274	C16orf58	16	31519457	lung
36275	AHSP	16	31539791	melanoma
36276	ZNF267	16	31926471	lung
36277	ZNF267	16	31926892	lung
36278	ZNF267	16	31927185	lung
36279	JPP7P13;LINC002	16	33647320	Codel
36280	JPP7P13;LINC002	16	33647320	IDHmut
36281	JPP7P13;LINC002	16	33647320	IDHmut_codel
36282	JPP7P13;LINC002	16	33647320	LGG GBM
36283	JPP7P13;LINC002	16	33647320	Oligo
36284	JPP7P13;LINC002	16	33647320	Proneural
36285	SHCBP1	16	46629577	melanoma
36286	SHCBP1	16	46629577	melanoma
36287	SHCBP1	16	46649972	melanoma
36288	SHCBP1	16	46649972	melanoma
36289	SHCBP1	16	46649972	melanoma
36290	MYLK3	16	46766546	GCIMP_high
36291	MYLK3	16	46766546	IDHmut
36292	MYLK3	16	46766546	IDHmut_noncodel
36293	MYLK3	16	46766546	LGG GBM
36294	MYLK3	16	46766546	Oligo
36295	MYLK3	16	46766546	Proneural
36296	MYLK3	16	46771902	melanoma
36297	MYLK3	16	46771902	melanoma
36298	GPT2	16	46943669	melanoma
36299	GPT2	16	46943669	melanoma
36300	NETO2	16	47143405	melanoma
36301	NETO2	16	47143405	melanoma
36302	NETO2	16	47143405	melanoma
36303	NETO2	16	47163191	melanoma
36304	NETO2	16	47163191	melanoma
36305	PHKB	16	47549481	bladder
36306	ABCC12	16	48122576	melanoma
36307	ABCC12	16	48130691	melanoma

36308	ABCC12	16	48134867	lung
36309	ABCC12	16	48138183	melanoma
36310	ABCC12	16	48138183	melanoma
36311	ABCC12	16	48138221	lung
36312	ABCC12	16	48139075	melanoma
36313	ABCC12	16	48139075	melanoma
36314	ABCC12	16	48162636	melanoma
36315	ABCC12	16	48162636	melanoma
36316	ABCC12	16	48172255	melanoma
36317	ABCC12	16	48175221	melanoma
36318	ABCC12	16	48175245	melanoma
36319	ABCC11	16	48209290	melanoma
36320	ABCC11	16	48210940	melanoma
36321	ABCC11	16	48212518	hnscc
36322	ABCC11	16	48212518	hnscc
36323	ABCC11	16	48212545	hnscc
36324	ABCC11	16	48221160	Codel
36325	ABCC11	16	48221160	Codel
36326	ABCC11	16	48221160	IDHmut
36327	ABCC11	16	48221160	IDHmut
36328	ABCC11	16	48221160	IDHmut_codel
36329	ABCC11	16	48221160	IDHmut_codel
36330	ABCC11	16	48221160	LGG GBM
36331	ABCC11	16	48221160	LGG GBM
36332	ABCC11	16	48221160	Oligo
36333	ABCC11	16	48221160	Oligo
36334	ABCC11	16	48221160	Proneural
36335	ABCC11	16	48221160	Proneural
36336	ABCC11	16	48247385	Classic
36337	ABCC11	16	48247385	Gbm
36338	ABCC11	16	48247385	IDHwt
36339	ABCC11	16	48247385	IDHwt_priGBM
36340	ABCC11	16	48247385	LGG GBM
36341	SIAH1	16	48399354	melanoma
36342	SIAH1	16	48399354	melanoma
36343	SIAH1	16	48399354	melanoma
36344	N4BP1	16	48595409	GCIMP_high
36345	N4BP1	16	48595409	IDHmut
36346	N4BP1	16	48595409	IDHmut_noncodel
36347	N4BP1	16	48595409	LGG GBM
36348	C16orf78	16	49430414	melanoma
36349	ZNF423	16	49671186	melanoma
36350	ZNF423	16	49671412	lung
36351	ZNF423	16	49671682	melanoma
36352	HEATR3	16	50106607	melanoma
36353	ADCY7	16	50347965	melanoma
36354	ADCY7	16	50349362	Classic_like
36355	ADCY7	16	50349362	Gbm
36356	ADCY7	16	50349362	LGG GBM
36357	ADCY7	16	50349362	Mesenchymal
36358	NOD2	16	50745048	melanoma
36359	NOD2	16	50756582	melanoma
36360	SALL1	16	51171049	GCIMP_high
36361	SALL1	16	51171049	IDHmut
36362	SALL1	16	51171049	IDHmut_noncodel
36363	SALL1	16	51171049	LGG GBM
36364	SALL1	16	51171049	Neural
36365	SALL1	16	51171049	Oligo

36366	SALL1	16	51172777	melanoma
36367	SALL1	16	51173053	lung
36368	SALL1	16	51173066	Gbm
36369	SALL1	16	51173066	Gbm
36370	SALL1	16	51173066	IDHmut
36371	SALL1	16	51173066	IDHmut
36372	SALL1	16	51173066	IDHmut_noncodel
36373	SALL1	16	51173066	IDHmut_noncodel
36374	SALL1	16	51173066	LGG GBM
36375	SALL1	16	51173066	LGG GBM
36376	SALL1	16	51173066	Neural
36377	SALL1	16	51173066	Neural
36378	SALL1	16	51173251	melanoma
36379	SALL1	16	51173276	melanoma
36380	SALL1	16	51175630	lung
36381	TOX3	16	52478240	melanoma
36382	TOX3	16	52480111	melanoma
36383	CHD9	16	53190011	melanoma
36384	CHD9	16	53263003	melanoma
36385	CHD9	16	53272403	melanoma
36386	RBL2	16	53487447	lung
36387	RBL2	16	53524084	melanoma
36388	RPGRIP1L	16	53706856	hnsc
36389	RPGRIP1L	16	53726188	melanoma
36390	RPGRIP1L	16	53730201	melanoma
36391	RPGRIP1L	16	53730201	melanoma
36392	FTO	16	53859923	melanoma
36393	IRX6	16	55361572	Gbm
36394	IRX6	16	55361572	IDHwt
36395	IRX6	16	55361572	IDHwt_priGBM
36396	IRX6	16	55361572	LGG GBM
36397	IRX6	16	55361572	Mesenchymal_like
36398	MMP2	16	55517984	melanoma
36399	MMP2	16	55525799	melanoma
36400	MMP2	16	55525818	melanoma
36401	MMP2	16	55527178	melanoma
36402	MMP2	16	55527178	melanoma
36403	LPCAT2	16	55566748	melanoma
36404	CAPNS2	16	55600951	melanoma
36405	CAPNS2	16	55601312	lung
36406	CAPNS2	16	55601312	lung
36407	SLC6A2	16	55735794	Codel
36408	SLC6A2	16	55735794	IDHmut
36409	SLC6A2	16	55735794	IDHmut_codel
36410	SLC6A2	16	55735794	LGG GBM
36411	SLC6A2	16	55735794	Oligo
36412	SLC6A2	16	55735794	Proneural
36413	CES1	16	55862775	melanoma
36414	CES1	16	55866933	lung
36415	CES5A	16	55895344	melanoma
36416	CES5A	16	55899898	melanoma
36417	CES5A	16	55899898	melanoma
36418	CES5A	16	55899997	melanoma
36419	GNAO1	16	56377754	lung
36420	GNAO1	16	56377777	lung
36421	NUDT21	16	56481890	melanoma
36422	NUDT21	16	56481890	melanoma
36423	NUDT21	16	56481890	melanoma

36424	BBS2	16	56532393	melanoma
36425	BBS2	16	56532393	melanoma
36426	BBS2	16	56532393	melanoma
36427	BBS2	16	56532393	melanoma
36428	SLC12A3	16	56903692	melanoma
36429	SLC12A3	16	56903692	melanoma
36430	SLC12A3	16	56913524	lung
36431	HERPUD1	16	56973250	melanoma
36432	NLRC5	16	57060009	melanoma
36433	NLRC5	16	57060239	melanoma
36434	NLRC5	16	57075914	lung
36435	NLRC5	16	57075914	lung
36436	RSPRY1	16	57247824	lung
36437	CX3CL1	16	57416181	melanoma
36438	CX3CL1	16	57416397	lung
36439	CX3CL1	16	57416628	lung
36440	CCL17	16	57449702	lung
36441	CIAPIN1	16	57468003	bladder
36442	CIAPIN1	16	57468003	bladder
36443	CIAPIN1	16	57468102	melanoma
36444	CIAPIN1	16	57468102	melanoma
36445	CIAPIN1	16	57468102	melanoma
36446	CIAPIN1	16	57468102	melanoma
36447	CIAPIN1	16	57473122	bladder
36448	CIAPIN1	16	57473122	bladder
36449	POLR2C	16	57500096	melanoma
36450	ADGRG1	16	57685286	melanoma
36451	ADGRG1	16	57685357	melanoma
36452	ADGRG1	16	57685457	bladder
36453	ADGRG1	16	57685457	melanoma
36454	ADGRG1	16	57687117	melanoma
36455	ADGRG1	16	57695807	lung
36456	ADGRG1	16	57695838	melanoma
36457	ADGRG1	16	57695838	melanoma
36458	ADGRG1	16	57695838	melanoma
36459	ADGRG3	16	57713219	melanoma
36460	ADGRG3	16	57719787	melanoma
36461	DRC7	16	57738837	melanoma
36462	DRC7	16	57756697	melanoma
36463	DRC7	16	57758658	melanoma
36464	DRC7	16	57765117	melanoma
36465	KIFC3	16	57832031	melanoma
36466	CNGB1	16	57938697	melanoma
36467	CNGB1	16	57945732	melanoma
36468	CNGB1	16	57949167	Gbm
36469	CNGB1	16	57949167	IDHwt
36470	CNGB1	16	57949167	IDHwt_priGBM
36471	CNGB1	16	57949167	LGG GBM
36472	CNGB1	16	57949167	Mesenchymal_like
36473	CNGB1	16	57949167	Neural
36474	CNGB1	16	57983264	melanoma
36475	CNGB1	16	57983276	melanoma
36476	ZNF319	16	58030933	Classic_like
36477	ZNF319	16	58030933	Gbm
36478	ZNF319	16	58030933	IDHwt
36479	ZNF319	16	58030933	IDHwt_priGBM
36480	ZNF319	16	58030933	LGG GBM
36481	ZNF319	16	58031215	melanoma

36482	MMP15	16	58072234	lung
36483	MMP15	16	58072234	lung
36484	CSNK2A2	16	58230671	melanoma
36485	CSNK2A2	16	58230671	melanoma
36486	PRSS54	16	58314445	melanoma
36487	CNOT1	16	58592460	melanoma
36488	CNOT1	16	58592460	melanoma
36489	CNOT1	16	58592460	melanoma
36490	CNOT1	16	58594231	melanoma
36491	CNOT1	16	58612656	melanoma
36492	CNOT1	16	58619267	melanoma
36493	CNOT1	16	58619405	melanoma
36494	CNOT1	16	58619405	melanoma
36495	CNOT1	16	58621739	melanoma
36496	CDH8	16	61851459	melanoma
36497	CDH8	16	61891040	melanoma
36498	CDH11	16	65016036	melanoma
36499	CDH11	16	65016036	melanoma
36500	CDH11	16	65026835	melanoma
36501	CDH11	16	65026835	melanoma
36502	CDH11	16	65026887	melanoma
36503	CDH11	16	65026887	melanoma
36504	CDH5	16	66424323	IDHwt_priGBM2
36505	CMTM2	16	66613682	Classic_like
36506	CMTM2	16	66613682	Gbm
36507	CMTM2	16	66613682	IDHwt
36508	CMTM2	16	66613682	IDHwt_priGBM
36509	CMTM2	16	66613682	LGG GBM
36510	CMTM2	16	66613682	Neural
36511	DYNC1LI2	16	66762987	melanoma
36512	DYNC1LI2	16	66764124	melanoma
36513	DYNC1LI2	16	66776356	melanoma
36514	NAE1	16	66842495	Codel
36515	NAE1	16	66842495	IDHmut
36516	NAE1	16	66842495	IDHmut_codel
36517	NAE1	16	66842495	LGG GBM
36518	NAE1	16	66842495	Oligo
36519	CA7	16	66884455	melanoma
36520	CDH16	16	66949983	melanoma
36521	CES3	16	67000704	melanoma
36522	CES3	16	67000704	melanoma
36523	CES3	16	67005132	melanoma
36524	CES3	16	67006393	melanoma
36525	CES3	16	67006393	melanoma
36526	CES3	16	67006393	melanoma
36527	CES4A	16	67038005	melanoma
36528	C16orf70	16	67154081	melanoma
36529	C16orf70	16	67168263	melanoma
36530	B3GNT9	16	67183836	lung
36531	EXOC3L1	16	67222768	melanoma
36532	FHOD1	16	67263568	lung
36533	FHOD1	16	67263568	lung
36534	FHOD1	16	67264350	Codel
36535	FHOD1	16	67264350	IDHmut
36536	FHOD1	16	67264350	IDHmut_codel
36537	FHOD1	16	67264350	LGG GBM
36538	FHOD1	16	67264350	OligoAstr
36539	FHOD1	16	67264350	Proneural

36540	FHOD1	16	67270887	bladder
36541	FHOD1	16	67272192	melanoma
36542	FHOD1	16	67272866	melanoma
36543	FHOD1	16	67272866	melanoma
36544	SLC9A5	16	67286520	lung
36545	SLC9A5	16	67289369	Astr
36546	SLC9A5	16	67289369	IDHwt
36547	SLC9A5	16	67289369	LGG GBM
36548	SLC9A5	16	67289369	Neural
36549	SLC9A5	16	67289369	PA_like
36550	SLC9A5	16	67290912	bladder
36551	PLEKHG4	16	67318814	Classic_like
36552	PLEKHG4	16	67318814	Gbm
36553	PLEKHG4	16	67318814	IDHwt
36554	PLEKHG4	16	67318814	IDHwt_priGBM
36555	PLEKHG4	16	67318814	LGG GBM
36556	PLEKHG4	16	67320722	melanoma
36557	KCTD19	16	67325594	melanoma
36558	ZDHHC1	16	67440140	melanoma
36559	RIPOR1	16	67572603	melanoma
36560	RIPOR1	16	67572657	melanoma
36561	RIPOR1	16	67574046	melanoma
36562	RIPOR1	16	67574046	melanoma
36563	RIPOR1	16	67574046	melanoma
36564	RIPOR1	16	67575966	melanoma
36565	RIPOR1	16	67575966	melanoma
36566	RIPOR1	16	67575966	melanoma
36567	RIPOR1	16	67576391	hnscc
36568	RIPOR1	16	67576565	melanoma
36569	CARMIL2	16	67680391	melanoma
36570	CARMIL2	16	67680391	melanoma
36571	CARMIL2	16	67682112	lung
36572	CARMIL2	16	67686141	melanoma
36573	PARD6A	16	67695819	melanoma
36574	PARD6A	16	67695819	melanoma
36575	ENKD1	16	67700039	Codel
36576	ENKD1	16	67700039	IDHmut
36577	ENKD1	16	67700039	IDHmut_codel
36578	ENKD1	16	67700039	LGG GBM
36579	ENKD1	16	67700039	Oligo
36580	ENKD1	16	67700039	Proneural
36581	EDC4	16	67911428	melanoma
36582	EDC4	16	67914046	lung
36583	EDC4	16	67917488	melanoma
36584	PSKH1	16	67943386	melanoma
36585	SLC12A4	16	67980151	melanoma
36586	SLC12A4	16	67981334	lung
36587	SLC12A4	16	67984224	Classic
36588	SLC12A4	16	67984224	Classic
36589	SLC12A4	16	67984224	Gbm
36590	SLC12A4	16	67984224	Gbm
36591	SLC12A4	16	67984224	IDHwt
36592	SLC12A4	16	67984224	IDHwt
36593	SLC12A4	16	67984224	IDHwt_priGBM
36594	SLC12A4	16	67984224	IDHwt_priGBM
36595	SLC12A4	16	67984224	LGG GBM
36596	SLC12A4	16	67984224	LGG GBM
36597	SLC12A4	16	67985911	melanoma

36598	SLC12A4	16	67986316	melanoma
36599	SLC12A4	16	67991689	melanoma
36600	SLC12A4	16	67991689	melanoma
36601	DPEP2	16	68024854	melanoma
36602	DDX28	16	68055761	lung
36603	DDX28	16	68056475	melanoma
36604	NFATC3	16	68156595	melanoma
36605	NFATC3	16	68160364	melanoma
36606	ESRP2	16	68267254	melanoma
36607	ESRP2	16	68269836	melanoma
36608	PRMT7	16	68358610	melanoma
36609	SMPD3	16	68395167	bladder
36610	CDH3	16	68718531	melanoma
36611	CDH3	16	68725632	melanoma
36612	CDH3	16	68729224	melanoma
36613	CDH1	16	68835753	melanoma
36614	TANGO6	16	68877584	melanoma
36615	HAS3	16	69143753	bladder
36616	UTP4	16	69197002	melanoma
36617	UTP4	16	69197002	melanoma
36618	COG8	16	69368935	melanoma
36619	COG8	16	69368935	melanoma
36620	COG8	16	69370452	melanoma
36621	WWP2	16	69832621	melanoma
36622	WWP2	16	69832621	melanoma
36623	WWP2	16	69832659	melanoma
36624	WWP2	16	69951688	melanoma
36625	WWP2	16	69965117	melanoma
36626	WWP2	16	69965117	melanoma
36627	PDPR	16	70170132	bladder
36628	PDPR	16	70170132	bladder
36629	PDPR	16	70170132	bladder
36630	PDPR	16	70170132	bladder
36631	PDPR	16	70176284	melanoma
36632	PDPR	16	70182439	melanoma
36633	AARS	16	70316596	melanoma
36634	DDX19A	16	70398936	melanoma
36635	DDX19A	16	70398936	melanoma
36636	DDX19A	16	70398936	melanoma
36637	ST3GAL2	16	70432341	melanoma
36638	COG4	16	70524255	melanoma
36639	COG4	16	70524255	melanoma
36640	COG4	16	70546261	melanoma
36641	IL34	16	70693910	Gbm
36642	IL34	16	70693910	IDHwt
36643	IL34	16	70693910	IDHwt_priGBM
36644	IL34	16	70693910	LGG GBM
36645	IL34	16	70693910	Mesenchymal
36646	IL34	16	70693910	Mesenchymal_like
36647	HYDIN	16	70841736	IDHwt_priGBM2
36648	HYDIN	16	70841757	melanoma
36649	HYDIN	16	70841848	melanoma
36650	HYDIN	16	70871787	lung
36651	HYDIN	16	70891662	melanoma
36652	HYDIN	16	70891662	melanoma
36653	HYDIN	16	70917868	melanoma
36654	HYDIN	16	70917868	melanoma
36655	HYDIN	16	70917880	melanoma

36656	HYDIN	16	70926302	melanoma
36657	HYDIN	16	71008114	bladder
36658	HYDIN	16	71008183	melanoma
36659	HYDIN	16	71012858	lung
36660	HYDIN	16	71015363	bladder
36661	HYDIN	16	71025223	melanoma
36662	HYDIN	16	71025223	melanoma
36663	HYDIN	16	71103193	lung
36664	HYDIN	16	71212856	melanoma
36665	HYDIN	16	71220753	melanoma
36666	CALB2	16	71411586	melanoma
36667	CALB2	16	71411586	melanoma
36668	ZNF23	16	71482604	melanoma
36669	ZNF19	16	71509944	melanoma
36670	CHST4	16	71570959	melanoma
36671	CHST4	16	71570959	melanoma
36672	TAT	16	71603835	melanoma
36673	TAT	16	71604688	bladder
36674	TAT	16	71610095	melanoma
36675	MARVELD3	16	71674371	melanoma
36676	PHLPP2	16	71683511	melanoma
36677	PHLPP2	16	71683511	melanoma
36678	PHLPP2	16	71712799	melanoma
36679	PHLPP2	16	71715774	hnscc
36680	PHLPP2	16	71718452	melanoma
36681	AP1G1	16	71823358	melanoma
36682	IST1	16	71950371	melanoma
36683	IST1	16	71958718	Astr
36684	IST1	16	71958718	IDHwt
36685	IST1	16	71958718	LGG GBM
36686	IST1	16	71958718	Mesenchymal
36687	IST1	16	71958718	Mesenchymal_like
36688	HPR	16	72110436	melanoma
36689	HPR	16	72110612	melanoma
36690	DHX38	16	72130180	melanoma
36691	DHX38	16	72141675	melanoma
36692	PMFBP1	16	72162675	melanoma
36693	PMFBP1	16	72166860	melanoma
36694	ZFH3	16	72822696	melanoma
36695	ZFH3	16	72828335	lung
36696	ZFH3	16	72831913	melanoma
36697	ZFH3	16	72993684	Astr
36698	ZFH3	16	72993684	IDHwt
36699	ZFH3	16	72993684	LGG GBM
36700	ZFH3	16	72993684	Mesenchymal_like
36701	NPIP15	16	74425674	melanoma
36702	MLKL	16	74729435	melanoma
36703	FA2H	16	74774009	melanoma
36704	FA2H	16	74774009	melanoma
36705	WDR59	16	74946185	melanoma
36706	BCAR1	16	75263740	melanoma
36707	BCAR1	16	75268890	melanoma
36708	BCAR1	16	75268890	melanoma
36709	BCAR1	16	75268890	melanoma
36710	BCAR1	16	75269211	bladder
36711	TMEM170A	16	75481511	melanoma
36712	CHST6	16	75512648	hnscc
36713	CHST6	16	75512738	melanoma

36714	CHST6	16	75513047	lung
36715	ADAT1	16	75634134	melanoma
36716	ADAT1	16	75646469	melanoma
36717	KARS	16	75665416	Gbm
36718	KARS	16	75665416	IDHwt
36719	KARS	16	75665416	IDHwt_priGBM
36720	KARS	16	75665416	LGG GBM
36721	KARS	16	75665416	LGm6_GBM
36722	KARS	16	75665416	Proneural
36723	KARS	16	75670442	Gbm
36724	KARS	16	75670442	IDHwt
36725	KARS	16	75670442	IDHwt_priGBM
36726	KARS	16	75670442	LGG GBM
36727	KARS	16	75670442	Mesenchymal
36728	KARS	16	75670442	Mesenchymal_like
36729	KARS	16	75674112	melanoma
36730	KARS	16	75678215	melanoma
36731	CNTNAP4	16	76461484	Classic
36732	CNTNAP4	16	76461484	Classic_like
36733	CNTNAP4	16	76461484	Gbm
36734	CNTNAP4	16	76461484	LGG GBM
36735	CNTNAP4	16	76555957	melanoma
36736	CNTNAP4	16	76569444	melanoma
36737	MON1B	16	77229508	melanoma
36738	MON1B	16	77229553	Gbm
36739	MON1B	16	77229553	IDHwt
36740	MON1B	16	77229553	IDHwt_priGBM
36741	MON1B	16	77229553	LGG GBM
36742	MON1B	16	77229553	Mesenchymal
36743	ADAMTS18	16	77317932	melanoma
36744	ADAMTS18	16	77317962	melanoma
36745	ADAMTS18	16	77325209	melanoma
36746	ADAMTS18	16	77325339	melanoma
36747	ADAMTS18	16	77401601	melanoma
36748	ADAMTS18	16	77401617	melanoma
36749	VAT1L	16	77859315	melanoma
36750	CLEC3A	16	78062066	melanoma
36751	CLEC3A	16	78064682	lung
36752	WVOX	16	78198116	lung
36753	MAF	16	79633769	lung
36754	CDYL2	16	80718705	IDHwt
36755	CDYL2	16	80718705	LGG GBM
36756	CDYL2	16	80718705	Mesenchymal
36757	CDYL2	16	80718705	Mesenchymal_like
36758	C16orf46	16	81095115	hnsc
36759	GCSH	16	81116533	lung
36760	BCO1	16	81279115	melanoma
36761	BCO1	16	81293385	melanoma
36762	BCO1	16	81298285	melanoma
36763	BCO1	16	81298285	melanoma
36764	BCO1	16	81301638	melanoma
36765	BCO1	16	81301638	melanoma
36766	CMIP	16	81685878	melanoma
36767	PLCG2	16	81819709	GCIMP_high
36768	PLCG2	16	81819709	IDHmut
36769	PLCG2	16	81819709	IDHmut_noncodel
36770	PLCG2	16	81819709	LGG GBM
36771	PLCG2	16	81819709	Oligo

36772	PLCG2	16	81819709	Proneural
36773	PLCG2	16	81953241	melanoma
36774	PLCG2	16	81954828	Gbm
36775	PLCG2	16	81954828	IDHwt
36776	PLCG2	16	81954828	IDHwt_priGBM
36777	PLCG2	16	81954828	LGG GBM
36778	PLCG2	16	81954828	Mesenchymal_like
36779	PLCG2	16	81954828	Neural
36780	PLCG2	16	81968079	Classic
36781	PLCG2	16	81968079	Classic_like
36782	PLCG2	16	81968079	Gbm
36783	PLCG2	16	81968079	IDHwt
36784	PLCG2	16	81968079	IDHwt_priGBM
36785	PLCG2	16	81968079	LGG GBM
36786	PLCG2	16	81971398	melanoma
36787	PLCG2	16	81990427	melanoma
36788	PLCG2	16	81990427	melanoma
36789	SDR42E1	16	82033306	melanoma
36790	HSD17B2	16	82104639	melanoma
36791	HSD17B2	16	82104684	lung
36792	CDH13	16	83065765	lung
36793	CDH13	16	83251050	lung
36794	CDH13	16	83251050	lung
36795	OSGIN1	16	83994303	Astr
36796	OSGIN1	16	83994303	GCIMP_low
36797	OSGIN1	16	83994303	IDHmut
36798	OSGIN1	16	83994303	IDHmut_noncodel
36799	OSGIN1	16	83994303	LGG GBM
36800	OSGIN1	16	83994303	Proneural
36801	OSGIN1	16	83998990	melanoma
36802	NECAB2	16	84014721	melanoma
36803	SLC38A8	16	84050246	melanoma
36804	SLC38A8	16	84050860	melanoma
36805	SLC38A8	16	84063139	bladder
36806	HSDL1	16	84164766	melanoma
36807	HSDL1	16	84164766	melanoma
36808	DNAAF1	16	84203947	melanoma
36809	TAF1C	16	84215521	melanoma
36810	KCNG4	16	84256457	melanoma
36811	KCNG4	16	84256457	melanoma
36812	KCNG4	16	84270860	melanoma
36813	KCNG4	16	84270860	melanoma
36814	ATP2C2	16	84482148	melanoma
36815	ATP2C2	16	84482175	melanoma
36816	TLDC1	16	84520248	melanoma
36817	KLHL36	16	84693409	melanoma
36818	KLHL36	16	84693409	melanoma
36819	KLHL36	16	84693409	melanoma
36820	CRISPLD2	16	84872130	melanoma
36821	CRISPLD2	16	84872130	melanoma
36822	CRISPLD2	16	84922840	melanoma
36823	CRISPLD2	16	84922840	melanoma
36824	CRISPLD2	16	84922840	melanoma
36825	FAM92B	16	85133777	melanoma
36826	GSE1	16	85688038	melanoma
36827	IRF8	16	85936736	melanoma
36828	IRF8	16	85942758	Codel
36829	IRF8	16	85942758	IDHmut

36830	IRF8	16	85942758	IDHmut_codel
36831	IRF8	16	85942758	LGG GBM
36832	IRF8	16	85942758	Oligo
36833	IRF8	16	85954854	melanoma
36834	FOXF1	16	86544477	bladder
36835	ZCCHC14	16	87446045	melanoma
36836	KLHDC4	16	87760412	melanoma
36837	KLHDC4	16	87760412	melanoma
36838	SLC7A5	16	87873310	Gbm
36839	SLC7A5	16	87873310	Gbm
36840	SLC7A5	16	87873310	IDHwt
36841	SLC7A5	16	87873310	IDHwt
36842	SLC7A5	16	87873310	IDHwt_priGBM
36843	SLC7A5	16	87873310	IDHwt_priGBM
36844	SLC7A5	16	87873310	LGG GBM
36845	SLC7A5	16	87873310	LGG GBM
36846	SLC7A5	16	87873310	LGm6_GBM
36847	SLC7A5	16	87873310	LGm6_GBM
36848	SLC7A5	16	87873310	Mesenchymal
36849	SLC7A5	16	87873310	Mesenchymal
36850	ZNF469	16	88498361	IDHwt_priGBM2
36851	ZNF469	16	88502241	lung
36852	ZC3H18	16	88694506	lung
36853	ZC3H18	16	88694506	lung
36854	IL17C	16	88705510	melanoma
36855	CDT1	16	88872931	melanoma
36856	GALNS	16	88884504	melanoma
36857	GALNS	16	88889003	melanoma
36858	GALNS	16	88902187	melanoma
36859	CBFA2T3	16	88958352	melanoma
36860	ACSF3	16	89199647	melanoma
36861	ACSF3	16	89220512	bladder
36862	SLC22A31	16	89265180	bladder
36863	ZNF778	16	89293279	bladder
36864	ANKRD11	16	89347677	melanoma
36865	ANKRD11	16	89347968	melanoma
36866	ANKRD11	16	89357538	melanoma
36867	SPG7	16	89595896	melanoma
36868	SPG7	16	89595896	melanoma
36869	CPNE7	16	89655119	Classic_like
36870	CPNE7	16	89655119	Gbm
36871	CPNE7	16	89655119	IDHwt
36872	CPNE7	16	89655119	IDHwt_priGBM
36873	CPNE7	16	89655119	LGG GBM
36874	CPNE7	16	89655119	Mesenchymal
36875	DPEP1	16	89704063	melanoma
36876	CHMP1A	16	89715806	Codel
36877	CHMP1A	16	89715806	IDHmut
36878	CHMP1A	16	89715806	IDHmut_codel
36879	CHMP1A	16	89715806	LGG GBM
36880	CHMP1A	16	89715806	Oligo
36881	CHMP1A	16	89715806	Proneural
36882	VPS9D1	16	89779041	melanoma
36883	ZNF276	16	89789864	bladder
36884	ZNF276	16	89789864	bladder
36885	FANCA	16	89811419	melanoma
36886	FANCA	16	89857845	lung
36887	TCF25	16	89954092	melanoma

36888	TCF25	16	89954092	melanoma
36889	TCF25	16	89977593	melanoma
36890	TCF25	16	89977593	melanoma
36891	TUBB3	16	90002030	bladder
36892	PRDM7	16	90124836	melanoma
36893	PRDM7	16	90124839	melanoma
36894	PRDM7	16	90130121	IDHwt
36895	PRDM7	16	90130121	LGG GBM
36896	PRDM7	16	90130121	Mesenchymal_like
36897	PRDM7	16	90130121	Neural
36898	PRDM7	16	90133309	melanoma
36899	C17orf97	17	263797	melanoma
36900	C17orf97	17	263797	melanoma
36901	VPS53	17	424846	melanoma
36902	VPS53	17	424846	melanoma
36903	VPS53	17	526807	lung
36904	GLOD4	17	685413	melanoma
36905	MRM3	17	691218	melanoma
36906	MRM3	17	691218	melanoma
36907	MRM3	17	695052	melanoma
36908	NXN	17	722696	Gbm
36909	NXN	17	722696	GCIMP_low
36910	NXN	17	722696	IDHmut
36911	NXN	17	722696	IDHmut_noncodel
36912	NXN	17	722696	LGG GBM
36913	NXN	17	722696	Proneural
36914	NXN	17	722705	bladder
36915	ABR	17	953842	Gbm
36916	ABR	17	953842	IDHwt
36917	ABR	17	953842	IDHwt_priGBM
36918	ABR	17	953842	LGG GBM
36919	ABR	17	953842	LGm6_GBM
36920	ABR	17	953842	Mesenchymal
36921	TUSC5	17	1183335	melanoma
36922	YWHAE	17	1264528	melanoma
36923	CRK	17	1340117	melanoma
36924	CRK	17	1340117	melanoma
36925	MYO1C	17	1371341	melanoma
36926	MYO1C	17	1371347	melanoma
36927	MYO1C	17	1371366	Classic_like
36928	MYO1C	17	1371366	IDHwt
36929	MYO1C	17	1371366	LGG GBM
36930	MYO1C	17	1371366	Neural
36931	MYO1C	17	1371366	Oligo
36932	SLC43A2	17	1516496	melanoma
36933	PRPF8	17	1555042	melanoma
36934	PRPF8	17	1565249	melanoma
36935	PRPF8	17	1578513	Astr
36936	PRPF8	17	1578513	GCIMP_high
36937	PRPF8	17	1578513	IDHmut
36938	PRPF8	17	1578513	IDHmut_noncodel
36939	PRPF8	17	1578513	LGG GBM
36940	WDR81	17	1636929	melanoma
36941	WDR81	17	1640680	melanoma
36942	SERPINF1	17	1680507	melanoma
36943	SERPINF1	17	1680507	melanoma
36944	SMYD4	17	1684690	melanoma
36945	SMYD4	17	1686680	lung

36946	SMYD4	17	1690838	melanoma
36947	RTN4RL1	17	1840572	Astr
36948	RTN4RL1	17	1840572	Astr
36949	RTN4RL1	17	1840572	Astr
36950	RTN4RL1	17	1840572	GCIMP_high
36951	RTN4RL1	17	1840572	GCIMP_high
36952	RTN4RL1	17	1840572	GCIMP_high
36953	RTN4RL1	17	1840572	IDHmut
36954	RTN4RL1	17	1840572	IDHmut
36955	RTN4RL1	17	1840572	IDHmut
36956	RTN4RL1	17	1840572	IDHmut_noncodel
36957	RTN4RL1	17	1840572	IDHmut_noncodel
36958	RTN4RL1	17	1840572	IDHmut_noncodel
36959	RTN4RL1	17	1840572	LGG GBM
36960	RTN4RL1	17	1840572	LGG GBM
36961	RTN4RL1	17	1840572	LGG GBM
36962	RTN4RL1	17	1840572	Proneural
36963	RTN4RL1	17	1840572	Proneural
36964	RTN4RL1	17	1840572	Proneural
36965	RTN4RL1	17	1840917	bladder
36966	RTN4RL1	17	1840947	bladder
36967	SMG6	17	1989102	melanoma
36968	SMG6	17	2202773	melanoma
36969	SRR	17	2221201	melanoma
36970	MNT	17	2290511	Gbm
36971	MNT	17	2290511	IDHwt
36972	MNT	17	2290511	IDHwt_priGBM
36973	MNT	17	2290511	LGG GBM
36974	MNT	17	2290511	Mesenchymal_like
36975	MNT	17	2290511	Proneural
36976	CLUH	17	2597494	melanoma
36977	CLUH	17	2601526	melanoma
36978	RAP1GAP2	17	2867189	melanoma
36979	RAP1GAP2	17	2911419	melanoma
36980	OR1G1	17	3030104	melanoma
36981	OR1G1	17	3030455	melanoma
36982	OR1G1	17	3030555	GCIMP_low
36983	OR1G1	17	3030555	IDHmut
36984	OR1G1	17	3030555	IDHmut_noncodel
36985	OR1G1	17	3030555	LGG GBM
36986	OR1G1	17	3030733	lung
36987	OR1G1	17	3030733	lung
36988	OR1A2	17	3100996	melanoma
36989	OR1A2	17	3101350	melanoma
36990	OR1A1	17	3118931	lung
36991	OR1A1	17	3119114	melanoma
36992	OR1A1	17	3119186	melanoma
36993	OR1A1	17	3119210	Gbm
36994	OR1A1	17	3119210	IDHwt
36995	OR1A1	17	3119210	IDHwt_priGBM
36996	OR1A1	17	3119210	LGG GBM
36997	OR1A1	17	3119210	Mesenchymal_like
36998	OR1A1	17	3119210	Proneural
36999	OR1A1	17	3119360	bladder
37000	OR3A2	17	3181412	melanoma
37001	OR3A1	17	3195680	lung
37002	OR1E1	17	3301320	melanoma
37003	TRPV1	17	3495425	melanoma

37004	TRPV1	17	3495425	melanoma
37005	SHPK	17	3514095	melanoma
37006	CTNS	17	3560024	melanoma
37007	TAX1BP3	17	3567088	melanoma
37008	P2RX5	17	3582918	Classic
37009	P2RX5	17	3582918	Gbm
37010	P2RX5	17	3582918	IDHwt
37011	P2RX5	17	3582918	IDHwt_priGBM
37012	P2RX5	17	3582918	LGG GBM
37013	HASPIN	17	3628280	melanoma
37014	HASPIN	17	3628342	Codel
37015	HASPIN	17	3628342	IDHmut
37016	HASPIN	17	3628342	IDHmut_codel
37017	HASPIN	17	3628342	LGG GBM
37018	HASPIN	17	3628342	Oligo
37019	HASPIN	17	3628342	Proneural
37020	ITGAE	17	3657148	melanoma
37021	ITGAE	17	3667184	melanoma
37022	P2RX1	17	3802292	melanoma
37023	P2RX1	17	3808213	bladder
37024	P2RX1	17	3819477	melanoma
37025	P2RX1	17	3819477	melanoma
37026	ATP2A3	17	3840720	Classic
37027	ATP2A3	17	3840720	Classic_like
37028	ATP2A3	17	3840720	Gbm
37029	ATP2A3	17	3840720	IDHwt
37030	ATP2A3	17	3840720	IDHwt_priGBM
37031	ATP2A3	17	3840720	LGG GBM
37032	ATP2A3	17	3846748	melanoma
37033	ATP2A3	17	3851127	Classic_like
37034	ATP2A3	17	3851127	Classic_like
37035	ATP2A3	17	3851127	Gbm
37036	ATP2A3	17	3851127	Gbm
37037	ATP2A3	17	3851127	IDHwt
37038	ATP2A3	17	3851127	IDHwt
37039	ATP2A3	17	3851127	IDHwt_priGBM
37040	ATP2A3	17	3851127	IDHwt_priGBM
37041	ATP2A3	17	3851127	LGG GBM
37042	ATP2A3	17	3851127	LGG GBM
37043	ZZEF1	17	3926017	melanoma
37044	ZZEF1	17	3999245	melanoma
37045	ZZEF1	17	3999245	melanoma
37046	ZZEF1	17	3999946	melanoma
37047	ZZEF1	17	3999946	melanoma
37048	PELP1	17	4594685	melanoma
37049	PELP1	17	4594685	melanoma
37050	ZMYND15	17	4644898	melanoma
37051	PSMB6	17	4701587	melanoma
37052	PSMB6	17	4701587	melanoma
37053	MINK1	17	4788900	lung
37054	MINK1	17	4788900	lung
37055	MINK1	17	4788900	lung
37056	MINK1	17	4788900	lung
37057	MINK1	17	4788900	lung
37058	CHRNE	17	4804389	bladder
37059	CHRNE	17	4805534	melanoma
37060	GP1BA	17	4837568	melanoma
37061	SLC25A11	17	4841657	melanoma

37062	ENO3	17	4860277	Gbm
37063	ENO3	17	4860277	Gbm
37064	ENO3	17	4860277	IDHwt
37065	ENO3	17	4860277	IDHwt
37066	ENO3	17	4860277	IDHwt_priGBM
37067	ENO3	17	4860277	IDHwt_priGBM
37068	ENO3	17	4860277	LGG GBM
37069	ENO3	17	4860277	LGG GBM
37070	ENO3	17	4860277	Mesenchymal
37071	ENO3	17	4860277	Mesenchymal
37072	ENO3	17	4860283	melanoma
37073	CAMTA2	17	4884613	melanoma
37074	CAMTA2	17	4885032	melanoma
37075	SLC52A1	17	4936599	melanoma
37076	SLC52A1	17	4936599	melanoma
37077	SLC52A1	17	4936599	melanoma
37078	SLC52A1	17	4936599	melanoma
37079	SLC52A1	17	4936599	melanoma
37080	SLC52A1	17	4937452	lung
37081	ZFP3	17	4995958	melanoma
37082	USP6	17	5039121	melanoma
37083	USP6	17	5051877	melanoma
37084	NUP88	17	5322843	Gbm
37085	NUP88	17	5322843	IDHwt
37086	NUP88	17	5322843	IDHwt_priGBM
37087	NUP88	17	5322843	LGG GBM
37088	NUP88	17	5322843	Proneural
37089	DHX33	17	5356947	lung
37090	DHX33	17	5356949	lung
37091	DERL2	17	5383436	Classic_like
37092	DERL2	17	5383436	Gbm
37093	DERL2	17	5383436	IDHwt
37094	DERL2	17	5383436	IDHwt_priGBM
37095	DERL2	17	5383436	LGG GBM
37096	DERL2	17	5383436	Proneural
37097	MIS12	17	5392468	lung
37098	MIS12	17	5392643	Gbm
37099	MIS12	17	5392643	IDHwt
37100	MIS12	17	5392643	IDHwt_priGBM
37101	MIS12	17	5392643	LGG GBM
37102	MIS12	17	5392643	LGm6_GB
37103	MIS12	17	5392643	Mesenchymal
37104	NLRP1	17	5418804	melanoma
37105	NLRP1	17	5418804	melanoma
37106	NLRP1	17	5425029	melanoma
37107	NLRP1	17	5462208	melanoma
37108	NLRP1	17	5462245	melanoma
37109	NLRP1	17	5462449	melanoma
37110	NLRP1	17	5462941	melanoma
37111	NLRP1	17	5462941	melanoma
37112	NLRP1	17	5462941	melanoma
37113	NLRP1	17	5462941	melanoma
37114	NLRP1	17	5487016	melanoma
37115	NLRP1	17	5487094	melanoma
37116	WSCD1	17	6014189	melanoma
37117	KIAA0753	17	6493906	melanoma
37118	KIAA0753	17	6524134	melanoma
37119	KIAA0753	17	6526854	melanoma

37120	SLC13A5	17	6594224	melanoma
37121	SLC13A5	17	6599162	melanoma
37122	SLC13A5	17	6599162	melanoma
37123	TEKT1	17	6722584	melanoma
37124	TEKT1	17	6722584	melanoma
37125	SLC16A13	17	6941650	Gbm
37126	SLC16A13	17	6941650	Gbm
37127	SLC16A13	17	6941650	IDHwt
37128	SLC16A13	17	6941650	IDHwt
37129	SLC16A13	17	6941650	IDHwt_priGBM
37130	SLC16A13	17	6941650	IDHwt_priGBM
37131	SLC16A13	17	6941650	LGG GBM
37132	SLC16A13	17	6941650	LGG GBM
37133	SLC16A13	17	6941650	Neural
37134	SLC16A13	17	6941650	Neural
37135	ASGR2	17	7010464	melanoma
37136	ASGR1	17	7077299	melanoma
37137	DVL2	17	7129224	melanoma
37138	DVL2	17	7129224	melanoma
37139	DVL2	17	7137428	melanoma
37140	DVL2	17	7137428	melanoma
37141	GABARAP	17	7144732	lung
37142	GABARAP	17	7144732	lung
37143	SLC2A4	17	7187391	melanoma
37144	SLC2A4	17	7187391	melanoma
37145	NEURL4	17	7224565	melanoma
37146	ACAP1	17	7250193	Classic
37147	ACAP1	17	7250193	Gbm
37148	ACAP1	17	7250193	IDHwt
37149	ACAP1	17	7250193	IDHwt_priGBM
37150	ACAP1	17	7250193	LGG GBM
37151	ACAP1	17	7250193	Mesenchymal_like
37152	ACAP1	17	7250531	Astr
37153	ACAP1	17	7250531	GCIMP_high
37154	ACAP1	17	7250531	IDHmut
37155	ACAP1	17	7250531	IDHmut_noncodel
37156	ACAP1	17	7250531	LGG GBM
37157	KCTD11	17	7256673	melanoma
37158	PLSCR3	17	7296246	melanoma
37159	PLSCR3	17	7296824	melanoma
37160	NLGN2	17	7318155	GCIMP_high
37161	NLGN2	17	7318155	IDHmut
37162	NLGN2	17	7318155	IDHmut_noncodel
37163	NLGN2	17	7318155	LGG GBM
37164	NLGN2	17	7318155	OligoAstr
37165	NLGN2	17	7318155	Proneural
37166	SPEM1	17	7324274	melanoma
37167	SPEM1	17	7324583	melanoma
37168	SPEM1	17	7324583	melanoma
37169	CHRNA1	17	7350230	Codel
37170	CHRNA1	17	7350230	IDHmut
37171	CHRNA1	17	7350230	IDHmut_codel
37172	CHRNA1	17	7350230	LGG GBM
37173	CHRNA1	17	7350230	Oligo
37174	CHRNA1	17	7350230	Proneural
37175	ZBTB4	17	7369226	Classic_like
37176	ZBTB4	17	7369226	Gbm
37177	ZBTB4	17	7369226	IDHwt

37178	ZBTB4	17	7369226	IDHwt_priGBM
37179	ZBTB4	17	7369226	LGG GBM
37180	SLC35G6	17	7385355	melanoma
37181	SLC35G6	17	7385466	melanoma
37182	SLC35G6	17	7385466	melanoma
37183	SLC35G6	17	7385466	melanoma
37184	POLR2A	17	7388154	melanoma
37185	POLR2A	17	7401509	melanoma
37186	POLR2A	17	7411625	melanoma
37187	POLR2A	17	7414879	Astr
37188	POLR2A	17	7414879	Classic
37189	POLR2A	17	7414879	IDHwt
37190	POLR2A	17	7414879	LGG GBM
37191	POLR2A	17	7414879	Mesenchymal_like
37192	SHBG	17	7536181	melanoma
37193	TP53	17	7577085	bladder
37194	TP53	17	7577105	lung
37195	TP53	17	7577114	lung
37196	TP53	17	7577114	GCIMP_high
37197	TP53	17	7577114	IDHmut
37198	TP53	17	7577114	IDHmut_noncodel
37199	TP53	17	7577114	LGG GBM
37200	TP53	17	7577138	Astr
37201	TP53	17	7577138	IDHwt
37202	TP53	17	7577138	LGG GBM
37203	TP53	17	7577138	Neural
37204	TP53	17	7577138	PA_like
37205	TP53	17	7577144	GCIMP_high
37206	TP53	17	7577144	IDHmut
37207	TP53	17	7577144	IDHmut_noncodel
37208	TP53	17	7577144	LGG GBM
37209	TP53	17	7577144	Neural
37210	TP53	17	7577144	OligoAstr
37211	TP53	17	7577532	Astr
37212	TP53	17	7577532	Astr
37213	TP53	17	7577532	GCIMP_high
37214	TP53	17	7577532	GCIMP_high
37215	TP53	17	7577532	IDHmut
37216	TP53	17	7577532	IDHmut
37217	TP53	17	7577532	IDHmut_noncodel
37218	TP53	17	7577532	IDHmut_noncodel
37219	TP53	17	7577532	LGG GBM
37220	TP53	17	7577532	LGG GBM
37221	TP53	17	7577532	Proneural
37222	TP53	17	7577532	Proneural
37223	TP53	17	7577539	Classic_like
37224	TP53	17	7577539	IDHwt
37225	TP53	17	7577539	LGG GBM
37226	TP53	17	7577539	Codel
37227	TP53	17	7577539	IDHmut
37228	TP53	17	7577539	IDHmut_codel
37229	TP53	17	7577539	LGG GBM
37230	TP53	17	7577539	Oligo
37231	TP53	17	7577539	melanoma
37232	TP53	17	7577548	Gbm
37233	TP53	17	7577548	Gbm
37234	TP53	17	7577548	IDHwt
37235	TP53	17	7577548	IDHwt

37236	TP53	17	7577548	IDHwt_priGBM
37237	TP53	17	7577548	IDHwt_priGBM
37238	TP53	17	7577548	LGG GBM
37239	TP53	17	7577548	LGG GBM
37240	TP53	17	7577548	LGm6_GBM
37241	TP53	17	7577548	LGm6_GBM
37242	TP53	17	7577551	GCIMP_high
37243	TP53	17	7577551	IDHmut
37244	TP53	17	7577551	IDHmut_noncodel
37245	TP53	17	7577551	LGG GBM
37246	TP53	17	7577551	OligoAstr
37247	TP53	17	7577551	Proneural
37248	TP53	17	7577556	Classic_like
37249	TP53	17	7577556	Classic_like
37250	TP53	17	7577556	Classic_like
37251	TP53	17	7577556	Gbm
37252	TP53	17	7577556	Gbm
37253	TP53	17	7577556	Gbm
37254	TP53	17	7577556	IDHwt
37255	TP53	17	7577556	IDHwt
37256	TP53	17	7577556	IDHwt
37257	TP53	17	7577556	IDHwt_priGBM
37258	TP53	17	7577556	IDHwt_priGBM
37259	TP53	17	7577556	IDHwt_priGBM
37260	TP53	17	7577556	LGG GBM
37261	TP53	17	7577556	LGG GBM
37262	TP53	17	7577556	LGG GBM
37263	TP53	17	7577556	Mesenchymal
37264	TP53	17	7577556	Mesenchymal
37265	TP53	17	7577556	Mesenchymal
37266	TP53	17	7577559	melanoma
37267	TP53	17	7577559	melanoma
37268	TP53	17	7577559	melanoma
37269	TP53	17	7577559	melanoma
37270	TP53	17	7577559	melanoma
37271	TP53	17	7577559	melanoma
37272	TP53	17	7577559	GCIMP_high
37273	TP53	17	7577559	IDHmut
37274	TP53	17	7577559	IDHmut_noncodel
37275	TP53	17	7577559	LGG GBM
37276	TP53	17	7577559	OligoAstr
37277	TP53	17	7577559	Proneural
37278	TP53	17	7577568	Gbm
37279	TP53	17	7577568	IDHwt
37280	TP53	17	7577568	IDHwt_priGBM
37281	TP53	17	7577568	LGG GBM
37282	TP53	17	7577568	Mesenchymal
37283	TP53	17	7577568	Mesenchymal_like
37284	TP53	17	7577568	Astr
37285	TP53	17	7577568	Astr
37286	TP53	17	7577568	GCIMP_high
37287	TP53	17	7577568	GCIMP_high
37288	TP53	17	7577568	IDHmut
37289	TP53	17	7577568	IDHmut
37290	TP53	17	7577568	IDHmut_noncodel
37291	TP53	17	7577568	IDHmut_noncodel
37292	TP53	17	7577568	LGG GBM
37293	TP53	17	7577568	LGG GBM

37294	TP53	17	7577568	Proneural
37295	TP53	17	7577568	Proneural
37296	TP53	17	7577568	Gbm
37297	TP53	17	7577568	Gbm
37298	TP53	17	7577568	Gbm
37299	TP53	17	7577568	IDHwt
37300	TP53	17	7577568	IDHwt
37301	TP53	17	7577568	IDHwt
37302	TP53	17	7577568	IDHwt_priGBM
37303	TP53	17	7577568	IDHwt_priGBM
37304	TP53	17	7577568	IDHwt_priGBM
37305	TP53	17	7577568	LGG GBM
37306	TP53	17	7577568	LGG GBM
37307	TP53	17	7577568	LGG GBM
37308	TP53	17	7577568	Mesenchymal
37309	TP53	17	7577568	Mesenchymal
37310	TP53	17	7577568	Mesenchymal_like
37311	TP53	17	7577568	Mesenchymal_like
37312	TP53	17	7577568	Proneural
37313	TP53	17	7577568	bladder
37314	TP53	17	7577568	GCIMP_high
37315	TP53	17	7577568	IDHmut
37316	TP53	17	7577568	IDHmut_noncodel
37317	TP53	17	7577568	LGG GBM
37318	TP53	17	7577568	Oligo
37319	TP53	17	7577568	Proneural
37320	TP53	17	7577570	Astr
37321	TP53	17	7577570	GCIMP_high
37322	TP53	17	7577570	IDHmut
37323	TP53	17	7577570	IDHmut_noncodel
37324	TP53	17	7577570	LGG GBM
37325	TP53	17	7577570	Proneural
37326	TP53	17	7578208	GCIMP_high
37327	TP53	17	7578208	IDHmut
37328	TP53	17	7578208	IDHmut_noncodel
37329	TP53	17	7578208	LGG GBM
37330	TP53	17	7578208	OligoAstr
37331	TP53	17	7578226	GCIMP_high
37332	TP53	17	7578226	IDHmut
37333	TP53	17	7578226	IDHmut_noncodel
37334	TP53	17	7578226	LGG GBM
37335	TP53	17	7578226	Neural
37336	TP53	17	7578226	OligoAstr
37337	TP53	17	7578266	GCIMP_high
37338	TP53	17	7578266	IDHmut
37339	TP53	17	7578266	IDHmut_noncodel
37340	TP53	17	7578266	LGG GBM
37341	TP53	17	7578266	OligoAstr
37342	TP53	17	7578268	GCIMP_high
37343	TP53	17	7578268	IDHmut
37344	TP53	17	7578268	IDHmut_noncodel
37345	TP53	17	7578268	LGG GBM
37346	TP53	17	7578268	OligoAstr
37347	TP53	17	7578280	Astr
37348	TP53	17	7578280	Astr
37349	TP53	17	7578280	GCIMP_low
37350	TP53	17	7578280	GCIMP_low
37351	TP53	17	7578280	IDHmut

37352	TP53	17	7578280	IDHmut
37353	TP53	17	7578280	IDHmut_noncodel
37354	TP53	17	7578280	IDHmut_noncodel
37355	TP53	17	7578280	LGG GBM
37356	TP53	17	7578280	LGG GBM
37357	TP53	17	7578280	Astr
37358	TP53	17	7578280	Astr
37359	TP53	17	7578280	GCIMP_high
37360	TP53	17	7578280	GCIMP_high
37361	TP53	17	7578280	IDHmut
37362	TP53	17	7578280	IDHmut
37363	TP53	17	7578280	IDHmut_noncodel
37364	TP53	17	7578280	IDHmut_noncodel
37365	TP53	17	7578280	LGG GBM
37366	TP53	17	7578280	LGG GBM
37367	TP53	17	7578394	Gbm
37368	TP53	17	7578394	GCIMP_high
37369	TP53	17	7578394	GCIMP_high
37370	TP53	17	7578394	IDHmut
37371	TP53	17	7578394	IDHmut
37372	TP53	17	7578394	IDHmut_noncodel
37373	TP53	17	7578394	IDHmut_noncodel
37374	TP53	17	7578394	LGG GBM
37375	TP53	17	7578394	LGG GBM
37376	TP53	17	7578394	OligoAstr
37377	TP53	17	7578394	Proneural
37378	TP53	17	7578394	IDHwt_priGBM2
37379	TP53	17	7578394	Astr
37380	TP53	17	7578394	GCIMP_high
37381	TP53	17	7578394	IDHmut
37382	TP53	17	7578394	IDHmut_noncodel
37383	TP53	17	7578394	LGG GBM
37384	TP53	17	7578403	GCIMP_high
37385	TP53	17	7578403	IDHmut
37386	TP53	17	7578403	IDHmut_noncodel
37387	TP53	17	7578403	LGG GBM
37388	TP53	17	7578403	Oligo
37389	TP53	17	7578403	Proneural
37390	TP53	17	7578455	bladder
37391	TP53	17	7578457	Gbm
37392	TP53	17	7578457	IDHwt
37393	TP53	17	7578457	IDHwt_priGBM
37394	TP53	17	7578457	LGG GBM
37395	TP53	17	7578457	Mesenchymal
37396	TP53	17	7578461	lung
37397	TP53	17	7578463	Astr
37398	TP53	17	7578463	IDHwt
37399	TP53	17	7578463	LGG GBM
37400	TP53	17	7578463	Neural
37401	TP53	17	7578463	PA_like
37402	TP53	17	7578475	bladder
37403	TP53	17	7578475	GCIMP_high
37404	TP53	17	7578475	GCIMP_high
37405	TP53	17	7578475	IDHmut
37406	TP53	17	7578475	IDHmut
37407	TP53	17	7578475	IDHmut_noncodel
37408	TP53	17	7578475	IDHmut_noncodel
37409	TP53	17	7578475	LGG GBM

37410	TP53	17	7578475	LGG GBM
37411	TP53	17	7578475	OligoAstr
37412	TP53	17	7578475	OligoAstr
37413	TP53	17	7578475	Proneural
37414	TP53	17	7578475	Proneural
37415	TP53	17	7578476	Classic_like
37416	TP53	17	7578476	Gbm
37417	TP53	17	7578476	IDHwt
37418	TP53	17	7578476	IDHwt_priGBM
37419	TP53	17	7578476	LGG GBM
37420	TP53	17	7578507	GCIMP_high
37421	TP53	17	7578507	IDHmut
37422	TP53	17	7578507	IDHmut_noncodel
37423	TP53	17	7578507	LGG GBM
37424	TP53	17	7578507	Neural
37425	TP53	17	7578507	OligoAstr
37426	TP53	17	7578508	GCIMP_high
37427	TP53	17	7578508	IDHmut
37428	TP53	17	7578508	IDHmut_noncodel
37429	TP53	17	7578508	LGG GBM
37430	TP53	17	7578524	GCIMP_high
37431	TP53	17	7578524	IDHmut
37432	TP53	17	7578524	IDHmut_noncodel
37433	TP53	17	7578524	LGG GBM
37434	TP53	17	7578524	Oligo
37435	TP53	17	7578534	Gbm
37436	TP53	17	7578534	IDHwt
37437	TP53	17	7578534	IDHwt_priGBM
37438	TP53	17	7578534	LGG GBM
37439	TP53	17	7578534	Mesenchymal
37440	TP53	17	7578534	Mesenchymal_like
37441	TP53	17	7578538	Astr
37442	TP53	17	7578538	GCIMP_high
37443	TP53	17	7578538	IDHmut
37444	TP53	17	7578538	IDHmut_noncodel
37445	TP53	17	7578538	LGG GBM
37446	TP53	17	7578541	Classic
37447	TP53	17	7578541	Classic_like
37448	TP53	17	7578541	Gbm
37449	TP53	17	7578541	IDHwt
37450	TP53	17	7578541	IDHwt_priGBM
37451	TP53	17	7578541	LGG GBM
37452	TP53	17	7578542	Classic_like
37453	TP53	17	7578542	Gbm
37454	TP53	17	7578542	IDHwt
37455	TP53	17	7578542	IDHwt_priGBM
37456	TP53	17	7578542	LGG GBM
37457	TP53	17	7578542	Proneural
37458	TP53	17	7578550	Classic
37459	TP53	17	7578550	Classic
37460	TP53	17	7578550	Classic_like
37461	TP53	17	7578550	Classic_like
37462	TP53	17	7578550	Gbm
37463	TP53	17	7578550	Gbm
37464	TP53	17	7578550	IDHwt
37465	TP53	17	7578550	IDHwt
37466	TP53	17	7578550	IDHwt_priGBM
37467	TP53	17	7578550	IDHwt_priGBM

37468	TP53	17	7578550	LGG GBM
37469	TP53	17	7578550	LGG GBM
37470	TP53	17	7578550	Astr
37471	TP53	17	7578550	Astr
37472	TP53	17	7578550	GCIMP_high
37473	TP53	17	7578550	GCIMP_high
37474	TP53	17	7578550	IDHmut
37475	TP53	17	7578550	IDHmut
37476	TP53	17	7578550	IDHmut_noncodel
37477	TP53	17	7578550	IDHmut_noncodel
37478	TP53	17	7578550	LGG GBM
37479	TP53	17	7578550	LGG GBM
37480	TP53	17	7579329	GCIMP_high
37481	TP53	17	7579329	IDHmut
37482	TP53	17	7579329	IDHmut_noncodel
37483	TP53	17	7579329	LGG GBM
37484	TP53	17	7579329	OligoAstr
37485	TP53	17	7579329	Proneural
37486	TP53	17	7579350	GCIMP_high
37487	TP53	17	7579350	IDHmut
37488	TP53	17	7579350	IDHmut_noncodel
37489	TP53	17	7579350	LGG GBM
37490	TP53	17	7579350	Oligo
37491	TP53	17	7579350	Proneural
37492	TP53	17	7579358	bladder
37493	TP53	17	7579550	melanoma
37494	TP53	17	7579550	melanoma
37495	WRAP53	17	7605749	melanoma
37496	EFNB3	17	7611554	melanoma
37497	DNAH2	17	7646393	IDHwt
37498	DNAH2	17	7646393	LGG GBM
37499	DNAH2	17	7646393	Mesenchymal
37500	DNAH2	17	7646393	Mesenchymal_like
37501	DNAH2	17	7673897	melanoma
37502	DNAH2	17	7683537	melanoma
37503	DNAH2	17	7683537	melanoma
37504	DNAH2	17	7696425	melanoma
37505	DNAH2	17	7696425	melanoma
37506	DNAH2	17	7702526	Gbm
37507	DNAH2	17	7702526	IDHwt
37508	DNAH2	17	7702526	IDHwt_priGBM
37509	DNAH2	17	7702526	LGG GBM
37510	DNAH2	17	7702526	Mesenchymal
37511	DNAH2	17	7702526	Mesenchymal_like
37512	DNAH2	17	7710545	melanoma
37513	DNAH2	17	7710584	Astr
37514	DNAH2	17	7710584	Classic
37515	DNAH2	17	7710584	Classic_like
37516	DNAH2	17	7710584	IDHwt
37517	DNAH2	17	7710584	LGG GBM
37518	DNAH2	17	7721304	melanoma
37519	DNAH2	17	7722376	Classic
37520	DNAH2	17	7722376	Gbm
37521	DNAH2	17	7722376	IDHwt
37522	DNAH2	17	7722376	IDHwt_priGBM
37523	DNAH2	17	7722376	LGG GBM
37524	DNAH2	17	7722376	Mesenchymal_like
37525	DNAH2	17	7727945	melanoma

37526	DNAH2	17	7727981	melanoma
37527	DNAH2	17	7734093	lung
37528	DNAH2	17	7734462	melanoma
37529	DNAH2	17	7734799	melanoma
37530	DNAH2	17	7736712	melanoma
37531	KDM6B	17	7748961	melanoma
37532	KDM6B	17	7751521	lung
37533	KDM6B	17	7752005	melanoma
37534	CHD3	17	7798457	melanoma
37535	CHD3	17	7803251	melanoma
37536	CHD3	17	7804297	melanoma
37537	CHD3	17	7811749	bladder
37538	GUCY2D	17	7906937	melanoma
37539	GUCY2D	17	7918649	melanoma
37540	GUCY2D	17	7918649	melanoma
37541	ALOX15B	17	7942564	melanoma
37542	ALOX15B	17	7948291	melanoma
37543	ALOX15B	17	7948619	melanoma
37544	ALOX15B	17	7948635	bladder
37545	ALOX15B	17	7948635	bladder
37546	ALOX15B	17	7948635	bladder
37547	ALOX15B	17	7948987	lung
37548	ALOX15B	17	7948987	lung
37549	ALOX12B	17	7989402	bladder
37550	ALOXE3	17	8021275	melanoma
37551	CTC1	17	8136310	melanoma
37552	PFAS	17	8169287	melanoma
37553	PFAS	17	8170392	melanoma
37554	PFAS	17	8172290	melanoma
37555	ARHGEF15	17	8216396	melanoma
37556	ARHGEF15	17	8222632	melanoma
37557	NDEL1	17	8349076	melanoma
37558	MYH10	17	8455384	bladder
37559	CCDC42	17	8638499	Gbm
37560	CCDC42	17	8638499	IDHwt
37561	CCDC42	17	8638499	IDHwt_priGBM
37562	CCDC42	17	8638499	LGG GBM
37563	CCDC42	17	8638499	Neural
37564	SPDYE4	17	8656718	melanoma
37565	SPDYE4	17	8656718	melanoma
37566	SPDYE4	17	8656718	melanoma
37567	SPDYE4	17	8658884	Classic_like
37568	SPDYE4	17	8658884	Classic_like
37569	SPDYE4	17	8658884	Gbm
37570	SPDYE4	17	8658884	Gbm
37571	SPDYE4	17	8658884	IDHwt
37572	SPDYE4	17	8658884	IDHwt
37573	SPDYE4	17	8658884	IDHwt_priGBM
37574	SPDYE4	17	8658884	IDHwt_priGBM
37575	SPDYE4	17	8658884	LGG GBM
37576	SPDYE4	17	8658884	LGG GBM
37577	MFSD6L	17	8700952	IDHwt_priGBM2
37578	MFSD6L	17	8701793	melanoma
37579	MFSD6L	17	8702398	Classic
37580	MFSD6L	17	8702398	Gbm
37581	MFSD6L	17	8702398	IDHwt
37582	MFSD6L	17	8702398	IDHwt_priGBM
37583	MFSD6L	17	8702398	LGG GBM

37584	MFSD6L	17	8702398	Mesenchymal_like
37585	PIK3R5	17	8788088	melanoma
37586	PIK3R5	17	8792152	melanoma
37587	CFAP52	17	9503430	Astr
37588	CFAP52	17	9503430	Astr
37589	CFAP52	17	9503430	Astr
37590	CFAP52	17	9503430	GCIMP_high
37591	CFAP52	17	9503430	GCIMP_high
37592	CFAP52	17	9503430	GCIMP_high
37593	CFAP52	17	9503430	IDHmut
37594	CFAP52	17	9503430	IDHmut
37595	CFAP52	17	9503430	IDHmut
37596	CFAP52	17	9503430	IDHmut_noncodel
37597	CFAP52	17	9503430	IDHmut_noncodel
37598	CFAP52	17	9503430	IDHmut_noncodel
37599	CFAP52	17	9503430	LGG GBM
37600	CFAP52	17	9503430	LGG GBM
37601	CFAP52	17	9503430	LGG GBM
37602	DHRS7C	17	9674944	melanoma
37603	GLP2R	17	9729459	melanoma
37604	GLP2R	17	9739739	melanoma
37605	GLP2R	17	9745880	melanoma
37606	GLP2R	17	9764461	melanoma
37607	GLP2R	17	9765400	melanoma
37608	GLP2R	17	9765400	melanoma
37609	GLP2R	17	9792745	melanoma
37610	GLP2R	17	9792745	melanoma
37611	MYH13	17	10206740	melanoma
37612	MYH13	17	10212969	melanoma
37613	MYH13	17	10231379	melanoma
37614	MYH8	17	10298604	GCIMP_high
37615	MYH8	17	10298604	IDHmut
37616	MYH8	17	10298604	IDHmut_noncodel
37617	MYH8	17	10298604	LGG GBM
37618	MYH8	17	10298604	Neural
37619	MYH8	17	10298604	OligoAstr
37620	MYH8	17	10299721	bladder
37621	MYH8	17	10303745	GCIMP_high
37622	MYH8	17	10303745	GCIMP_high
37623	MYH8	17	10303745	IDHmut
37624	MYH8	17	10303745	IDHmut
37625	MYH8	17	10303745	IDHmut_noncodel
37626	MYH8	17	10303745	IDHmut_noncodel
37627	MYH8	17	10303745	LGG GBM
37628	MYH8	17	10303745	LGG GBM
37629	MYH8	17	10303745	Proneural
37630	MYH8	17	10303745	Proneural
37631	MYH8	17	10303856	melanoma
37632	MYH8	17	10303909	melanoma
37633	MYH8	17	10303909	melanoma
37634	MYH8	17	10314225	melanoma
37635	MYH4	17	10351229	melanoma
37636	MYH4	17	10352033	melanoma
37637	MYH4	17	10352347	GCIMP_high
37638	MYH4	17	10352347	IDHmut
37639	MYH4	17	10352347	IDHmut_noncodel
37640	MYH4	17	10352347	LGG GBM
37641	MYH4	17	10352347	Oligo

37642	MYH4	17	10352347	Proneural
37643	MYH4	17	10353807	melanoma
37644	MYH4	17	10353807	melanoma
37645	MYH4	17	10359146	melanoma
37646	MYH4	17	10363527	melanoma
37647	MYH4	17	10364338	melanoma
37648	MYH4	17	10369863	bladder
37649	MYH4	17	10369929	hnsc
37650	MYH1	17	10397924	Codel
37651	MYH1	17	10397924	IDHmut
37652	MYH1	17	10397924	IDHmut_codel
37653	MYH1	17	10397924	LGG GBM
37654	MYH1	17	10397924	Oligo
37655	MYH1	17	10397924	Proneural
37656	MYH1	17	10398588	melanoma
37657	MYH1	17	10399458	melanoma
37658	MYH1	17	10400706	melanoma
37659	MYH1	17	10400706	melanoma
37660	MYH1	17	10406072	melanoma
37661	MYH1	17	10408540	melanoma
37662	MYH1	17	10408540	melanoma
37663	MYH1	17	10408543	melanoma
37664	MYH1	17	10409174	melanoma
37665	MYH1	17	10411733	GCIMP_low
37666	MYH1	17	10411733	IDHmut
37667	MYH1	17	10411733	IDHmut_noncodel
37668	MYH1	17	10411733	LGG GBM
37669	MYH1	17	10411733	Mesenchymal
37670	MYH1	17	10411889	melanoma
37671	MYH1	17	10415180	melanoma
37672	MYH1	17	10416050	melanoma
37673	MYH1	17	10419569	melanoma
37674	MYH1	17	10419917	melanoma
37675	MYH2	17	10429940	Astr
37676	MYH2	17	10429940	Astr
37677	MYH2	17	10429940	GCIMP_high
37678	MYH2	17	10429940	GCIMP_high
37679	MYH2	17	10429940	IDHmut
37680	MYH2	17	10429940	IDHmut
37681	MYH2	17	10429940	IDHmut_noncodel
37682	MYH2	17	10429940	IDHmut_noncodel
37683	MYH2	17	10429940	LGG GBM
37684	MYH2	17	10429940	LGG GBM
37685	MYH2	17	10433017	melanoma
37686	MYH2	17	10435015	melanoma
37687	MYH2	17	10442859	melanoma
37688	MYH2	17	10448720	melanoma
37689	MYH2	17	10448720	melanoma
37690	MYH2	17	10448720	melanoma
37691	MYH2	17	10448720	melanoma
37692	MYH2	17	10448720	melanoma
37693	MYH2	17	10451106	GCIMP_high
37694	MYH2	17	10451106	IDHmut
37695	MYH2	17	10451106	IDHmut_noncodel
37696	MYH2	17	10451106	LGG GBM
37697	MYH2	17	10451106	Oligo
37698	MYH2	17	10451106	Proneural
37699	MYH3	17	10546191	Codel

37700	MYH3	17	10546191	Codel
37701	MYH3	17	10546191	IDHmut
37702	MYH3	17	10546191	IDHmut
37703	MYH3	17	10546191	IDHmut_codel
37704	MYH3	17	10546191	IDHmut_codel
37705	MYH3	17	10546191	LGG GBM
37706	MYH3	17	10546191	LGG GBM
37707	MYH3	17	10546191	Oligo
37708	MYH3	17	10546191	Oligo
37709	MYH3	17	10555801	melanoma
37710	PIRT	17	10728644	Gbm
37711	PIRT	17	10728644	IDHwt
37712	PIRT	17	10728644	IDHwt_priGBM
37713	PIRT	17	10728644	LGG GBM
37714	PIRT	17	10728644	LGM6_GBM
37715	SHISA6	17	11461533	melanoma
37716	SHISA6	17	11461533	melanoma
37717	DNAH9	17	11539999	melanoma
37718	DNAH9	17	11554578	bladder
37719	DNAH9	17	11593517	melanoma
37720	DNAH9	17	11593518	melanoma
37721	DNAH9	17	11593518	melanoma
37722	DNAH9	17	11597675	melanoma
37723	DNAH9	17	11597675	melanoma
37724	DNAH9	17	11645554	melanoma
37725	DNAH9	17	11648135	Classic
37726	DNAH9	17	11648135	Gbm
37727	DNAH9	17	11648135	IDHwt
37728	DNAH9	17	11648135	IDHwt_priGBM
37729	DNAH9	17	11648135	LGG GBM
37730	DNAH9	17	11650961	melanoma
37731	DNAH9	17	11650961	melanoma
37732	DNAH9	17	11666773	melanoma
37733	DNAH9	17	11666773	melanoma
37734	DNAH9	17	11666834	Astr
37735	DNAH9	17	11666834	Classic_like
37736	DNAH9	17	11666834	IDHwt
37737	DNAH9	17	11666834	LGG GBM
37738	DNAH9	17	11666834	melanoma
37739	DNAH9	17	11666863	melanoma
37740	DNAH9	17	11666863	melanoma
37741	DNAH9	17	11672490	melanoma
37742	DNAH9	17	11686991	melanoma
37743	DNAH9	17	11687647	melanoma
37744	DNAH9	17	11687647	melanoma
37745	DNAH9	17	11687735	melanoma
37746	DNAH9	17	11687735	melanoma
37747	DNAH9	17	11687735	melanoma
37748	DNAH9	17	11711084	melanoma
37749	DNAH9	17	11757644	melanoma
37750	DNAH9	17	11786970	melanoma
37751	DNAH9	17	11786970	melanoma
37752	DNAH9	17	11786991	melanoma
37753	DNAH9	17	11835397	IDHwt
37754	DNAH9	17	11835397	LGG GBM
37755	DNAH9	17	11835397	Oligo
37756	DNAH9	17	11835397	PA_like
37757	DNAH9	17	11872620	melanoma

37758	MAP2K4	17	12011144	melanoma
37759	MYOCD	17	12608508	melanoma
37760	MYOCD	17	12647624	melanoma
37761	MYOCD	17	12655912	melanoma
37762	MYOCD	17	12655912	melanoma
37763	MYOCD	17	12655927	lung
37764	MYOCD	17	12655927	lung
37765	MYOCD	17	12656128	melanoma
37766	MYOCD	17	12656266	melanoma
37767	MYOCD	17	12656526	melanoma
37768	MYOCD	17	12663994	melanoma
37769	MYOCD	17	12666500	melanoma
37770	MYOCD	17	12666500	melanoma
37771	MYOCD	17	12666527	melanoma
37772	MYOCD	17	12666759	melanoma
37773	MYOCD	17	12666759	melanoma
37774	COX10	17	13972948	melanoma
37775	COX10	17	13972948	melanoma
37776	COX10	17	13972948	melanoma
37777	COX10	17	13980185	melanoma
37778	COX10	17	13980185	melanoma
37779	COX10	17	14095349	Astr
37780	COX10	17	14095349	IDHwt
37781	COX10	17	14095349	LGG GBM
37782	COX10	17	14095349	Mesenchymal
37783	COX10	17	14095349	Mesenchymal_like
37784	COX10	17	14110443	Classic_like
37785	COX10	17	14110443	Gbm
37786	COX10	17	14110443	IDHwt
37787	COX10	17	14110443	IDHwt_priGBM
37788	COX10	17	14110443	LGG GBM
37789	HS3ST3B1	17	14205325	hnsc
37790	HS3ST3B1	17	14205325	hnsc
37791	PMP22	17	15142916	melanoma
37792	CDRT1	17	15517327	melanoma
37793	ZNF286A	17	15619773	melanoma
37794	TBC1D26	17	15641604	melanoma
37795	ADORA2B	17	15848684	melanoma
37796	ADORA2B	17	15848684	melanoma
37797	ADORA2B	17	15848684	melanoma
37798	ADORA2B	17	15848684	melanoma
37799	NCOR1	17	15968220	melanoma
37800	NCOR1	17	15968268	melanoma
37801	NCOR1	17	15968268	melanoma
37802	NCOR1	17	16004814	melanoma
37803	NCOR1	17	16075182	bladder
37804	ZNF287	17	16456288	melanoma
37805	ZNF287	17	16456690	melanoma
37806	ZNF287	17	16456690	melanoma
37807	ZNF624	17	16526275	lung
37808	ZNF624	17	16526500	Classic_like
37809	ZNF624	17	16526500	Gbm
37810	ZNF624	17	16526500	IDHwt
37811	ZNF624	17	16526500	IDHwt_priGBM
37812	ZNF624	17	16526500	LGG GBM
37813	ZNF624	17	16526500	Mesenchymal
37814	CCDC144A	17	16638347	melanoma
37815	CCDC144A	17	16667394	IDHwt

37816	CCDC144A	17	16667394	LGG GBM
37817	CCDC144A	17	16667394	Mesenchymal
37818	CCDC144A	17	16667394	Mesenchymal_like
37819	CCDC144A	17	16667394	Oligo
37820	TNFRSF13B	17	16843648	melanoma
37821	MPRIIP	17	17075155	melanoma
37822	MPRIIP	17	17078631	lung
37823	PEMT	17	17494919	melanoma
37824	RAI1	17	17696933	melanoma
37825	RAI1	17	17697388	melanoma
37826	RAI1	17	17698028	GCIMP_high
37827	RAI1	17	17698028	IDHmut
37828	RAI1	17	17698028	IDHmut_noncodel
37829	RAI1	17	17698028	LGG GBM
37830	RAI1	17	17698028	OligoAstr
37831	RAI1	17	17698429	melanoma
37832	RAI1	17	17699597	melanoma
37833	RAI1	17	17699597	melanoma
37834	RAI1	17	17699639	melanoma
37835	RAI1	17	17701805	lung
37836	ATPAF2	17	17925082	melanoma
37837	GID4	17	17948505	Codel
37838	GID4	17	17948505	IDHmut
37839	GID4	17	17948505	IDHmut_codel
37840	GID4	17	17948505	LGG GBM
37841	GID4	17	17948505	Neural
37842	GID4	17	17948505	Oligo
37843	DRG2	17	18001630	melanoma
37844	DRG2	17	18003967	lung
37845	MYO15A	17	18023018	melanoma
37846	MYO15A	17	18023087	melanoma
37847	MYO15A	17	18023805	melanoma
37848	MYO15A	17	18025430	Gbm
37849	MYO15A	17	18025430	IDHwt
37850	MYO15A	17	18025430	IDHwt_priGBM
37851	MYO15A	17	18025430	LGG GBM
37852	MYO15A	17	18025430	Mesenchymal
37853	MYO15A	17	18025430	Mesenchymal_like
37854	MYO15A	17	18025715	melanoma
37855	MYO15A	17	18047889	Gbm
37856	MYO15A	17	18047889	IDHwt
37857	MYO15A	17	18047889	IDHwt_priGBM
37858	MYO15A	17	18047889	LGG GBM
37859	MYO15A	17	18047889	Mesenchymal_like
37860	MYO15A	17	18047889	Proneural
37861	MYO15A	17	18054820	lung
37862	MYO15A	17	18054835	melanoma
37863	MYO15A	17	18066610	lung
37864	MYO15A	17	18071031	IDHwt_priGBM2
37865	MYO15A	17	18082167	melanoma
37866	LLGL1	17	18138556	Classic
37867	LLGL1	17	18138556	Classic_like
37868	LLGL1	17	18138556	Gbm
37869	LLGL1	17	18138556	IDHwt
37870	LLGL1	17	18138556	IDHwt_priGBM
37871	LLGL1	17	18138556	LGG GBM
37872	FLII	17	18152181	melanoma
37873	MIEF2	17	18167241	melanoma

37874	TOP3A	17	18178210	melanoma
37875	TOP3A	17	18181444	melanoma
37876	TOP3A	17	18181444	melanoma
37877	TOP3A	17	18193994	melanoma
37878	SMCR8	17	18219188	melanoma
37879	EVPLL	17	18284753	melanoma
37880	EVPLL	17	18284983	melanoma
37881	LGALS9C	17	18380205	melanoma
37882	LGALS9C	17	18380205	melanoma
37883	LGALS9C	17	18380205	melanoma
37884	FBXW10	17	18653068	melanoma
37885	FBXW10	17	18653068	melanoma
37886	PRPSAP2	17	18785975	lung
37887	PRPSAP2	17	18832178	melanoma
37888	SLC5A10	17	18862002	melanoma
37889	SLC5A10	17	18862002	melanoma
37890	SLC5A10	17	18862002	melanoma
37891	EPN2	17	19216425	melanoma
37892	EPN2	17	19216469	melanoma
37893	EPN2	17	19216560	melanoma
37894	EPN2	17	19216560	melanoma
37895	EPN2	17	19235316	melanoma
37896	B9D1	17	19261162	melanoma
37897	MAPK7	17	19283952	GCIMP_high
37898	MAPK7	17	19283952	IDHmut
37899	MAPK7	17	19283952	IDHmut_noncodel
37900	MAPK7	17	19283952	LGG GBM
37901	MAPK7	17	19283952	OligoAstr
37902	MAPK7	17	19283952	Proneural
37903	MAPK7	17	19284604	melanoma
37904	SLC47A1	17	19459334	Gbm
37905	SLC47A1	17	19459334	Gbm
37906	SLC47A1	17	19459334	IDHwt
37907	SLC47A1	17	19459334	IDHwt
37908	SLC47A1	17	19459334	IDHwt_priGBM
37909	SLC47A1	17	19459334	IDHwt_priGBM
37910	SLC47A1	17	19459334	LGG GBM
37911	SLC47A1	17	19459334	LGG GBM
37912	SLC47A1	17	19459334	Mesenchymal
37913	SLC47A1	17	19459334	Mesenchymal
37914	ALDH3A2	17	19568346	melanoma
37915	ALDH3A1	17	19641725	Classic
37916	ALDH3A1	17	19641725	Classic
37917	ALDH3A1	17	19641725	Classic
37918	ALDH3A1	17	19641725	Gbm
37919	ALDH3A1	17	19641725	Gbm
37920	ALDH3A1	17	19641725	Gbm
37921	ALDH3A1	17	19641725	IDHwt
37922	ALDH3A1	17	19641725	IDHwt
37923	ALDH3A1	17	19641725	IDHwt
37924	ALDH3A1	17	19641725	IDHwt_priGBM
37925	ALDH3A1	17	19641725	IDHwt_priGBM
37926	ALDH3A1	17	19641725	IDHwt_priGBM
37927	ALDH3A1	17	19641725	LGG GBM
37928	ALDH3A1	17	19641725	LGG GBM
37929	ALDH3A1	17	19641725	LGG GBM
37930	ALDH3A1	17	19641725	Mesenchymal_like
37931	ALDH3A1	17	19641725	Mesenchymal_like

37932	ALDH3A1	17	19641725	Mesenchymal_like
37933	ALDH3A1	17	19646667	melanoma
37934	ALDH3A1	17	19648378	melanoma
37935	ULK2	17	19729481	melanoma
37936	ULK2	17	19750070	melanoma
37937	ULK2	17	19750070	melanoma
37938	AKAP10	17	19843044	melanoma
37939	SPECC1	17	20108393	melanoma
37940	SPECC1	17	20156842	melanoma
37941	SPECC1	17	20156842	melanoma
37942	SPECC1	17	20156842	melanoma
37943	SPECC1	17	20160847	melanoma
37944	USP22	17	20931977	Classic
37945	USP22	17	20931977	Classic_like
37946	USP22	17	20931977	Gbm
37947	USP22	17	20931977	IDHwt
37948	USP22	17	20931977	IDHwt_priGBM
37949	USP22	17	20931977	LGG GBM
37950	MAP2K3	17	21216841	melanoma
37951	MAP2K3	17	21217480	melanoma
37952	MAP2K3	17	21217480	melanoma
37953	KCNJ12;KCNJ18	17	21319073	Gbm
37954	KCNJ12;KCNJ18	17	21319073	Gbm
37955	KCNJ12;KCNJ18	17	21319073	IDHwt
37956	KCNJ12;KCNJ18	17	21319073	IDHwt
37957	KCNJ12;KCNJ18	17	21319073	IDHwt_priGBM
37958	KCNJ12;KCNJ18	17	21319073	IDHwt_priGBM
37959	KCNJ12;KCNJ18	17	21319073	LGG GBM
37960	KCNJ12;KCNJ18	17	21319073	LGG GBM
37961	KCNJ12;KCNJ18	17	21319073	Mesenchymal_like
37962	KCNJ12;KCNJ18	17	21319073	Mesenchymal_like
37963	KCNJ12;KCNJ18	17	21319073	Proneural
37964	KCNJ12;KCNJ18	17	21319073	Proneural
37965	KCNJ12;KCNJ18	17	21319487	lung
37966	KCNJ12;KCNJ18	17	21319499	lung
37967	KCNJ12;KCNJ18	17	21319762	melanoma
37968	MTRNR2L1	17	22023422	lung
37969	MTRNR2L1	17	22023422	lung
37970	KSR1	17	25910019	melanoma
37971	KSR1	17	25932625	melanoma
37972	KSR1	17	25932815	melanoma
37973	LGALS9	17	25975915	melanoma
37974	LGALS9	17	25975927	melanoma
37975	NOS2	17	26089965	melanoma
37976	NOS2	17	26093545	melanoma
37977	NOS2	17	26093545	melanoma
37978	NOS2	17	26096158	melanoma
37979	NOS2	17	26116634	melanoma
37980	NLK	17	26521610	bladder
37981	NLK	17	26521610	bladder
37982	TMEM97	17	26652646	bladder
37983	TMEM97	17	26652646	bladder
37984	TNFAIP1	17	26666722	Classic
37985	TNFAIP1	17	26666722	Classic_like
37986	TNFAIP1	17	26666722	Gbm
37987	TNFAIP1	17	26666722	IDHwt
37988	TNFAIP1	17	26666722	IDHwt_priGBM
37989	TNFAIP1	17	26666722	LGG GBM

37990	TNFAIP1	17	26671519	lung
37991	VTN	17	26695563	bladder
37992	SLC13A2	17	26800765	melanoma
37993	SLC13A2	17	26818608	melanoma
37994	FOXN1	17	26864216	Gbm
37995	FOXN1	17	26864216	IDHwt
37996	FOXN1	17	26864216	IDHwt_priGBM
37997	FOXN1	17	26864216	LGG GBM
37998	FOXN1	17	26864216	Mesenchymal_like
37999	PIGS	17	26881973	melanoma
38000	PIGS	17	26882029	melanoma
38001	PIGS	17	26890457	melanoma
38002	PIGS	17	26890457	melanoma
38003	PIGS	17	26890457	melanoma
38004	SPAG5	17	26919521	melanoma
38005	SPAG5	17	26919636	Gbm
38006	SPAG5	17	26919636	IDHwt
38007	SPAG5	17	26919636	IDHwt_priGBM
38008	SPAG5	17	26919636	LGG GBM
38009	SPAG5	17	26919636	Mesenchymal_like
38010	SPAG5	17	26919636	Proneural
38011	SPAG5	17	26919778	melanoma
38012	KIAA0100	17	26959159	melanoma
38013	SUPT6H	17	27014188	melanoma
38014	SUPT6H	17	27028017	melanoma
38015	RPL23A	17	27049895	melanoma
38016	TLCD1	17	27051892	melanoma
38017	TLCD1	17	27051892	melanoma
38018	FAM222B	17	27085920	melanoma
38019	FAM222B	17	27086865	bladder
38020	PHF12	17	27240117	melanoma
38021	SEZ6	17	27308674	Gbm
38022	SEZ6	17	27308674	Gbm
38023	SEZ6	17	27308674	IDHwt
38024	SEZ6	17	27308674	IDHwt
38025	SEZ6	17	27308674	IDHwt_priGBM
38026	SEZ6	17	27308674	IDHwt_priGBM
38027	SEZ6	17	27308674	LGG GBM
38028	SEZ6	17	27308674	LGG GBM
38029	SEZ6	17	27308674	Mesenchymal_like
38030	SEZ6	17	27308674	Mesenchymal_like
38031	MYO18A	17	27424842	Gbm
38032	MYO18A	17	27424842	GCIMP_low
38033	MYO18A	17	27424842	IDHmut
38034	MYO18A	17	27424842	IDHmut_noncodel
38035	MYO18A	17	27424842	LGG GBM
38036	MYO18A	17	27424842	Proneural
38037	ABHD15	17	27893210	Codel
38038	ABHD15	17	27893210	IDHmut
38039	ABHD15	17	27893210	IDHmut_codel
38040	ABHD15	17	27893210	LGG GBM
38041	ABHD15	17	27893210	Neural
38042	ABHD15	17	27893210	Oligo
38043	TP53I13	17	27899509	melanoma
38044	TP53I13	17	27899509	melanoma
38045	GIT1	17	27904160	melanoma
38046	SSH2	17	27957879	melanoma
38047	EFCAB5	17	28361318	melanoma

38048	EFCAB5	17	28407895	melanoma
38049	SLC6A4	17	28543150	melanoma
38050	TMIGD1	17	28656337	melanoma
38051	TMIGD1	17	28656536	melanoma
38052	CPD	17	28712020	melanoma
38053	CPD	17	28758895	melanoma
38054	TBC1D29	17	28887684	melanoma
38055	CRLF3	17	29119500	melanoma
38056	ATAD5	17	29161878	melanoma
38057	ATAD5	17	29185279	melanoma
38058	ATAD5	17	29220805	bladder
38059	RNF135	17	29325696	melanoma
38060	NF1	17	29508755	melanoma
38061	NF1	17	29533369	bladder
38062	NF1	17	29552132	Classic
38063	NF1	17	29552132	Classic
38064	NF1	17	29552132	Classic_like
38065	NF1	17	29552132	Classic_like
38066	NF1	17	29552132	Gbm
38067	NF1	17	29552132	Gbm
38068	NF1	17	29552132	IDHwt
38069	NF1	17	29552132	IDHwt
38070	NF1	17	29552132	IDHwt_priGBM
38071	NF1	17	29552132	IDHwt_priGBM
38072	NF1	17	29552132	LGG GBM
38073	NF1	17	29552132	LGG GBM
38074	NF1	17	29559764	bladder
38075	NF1	17	29576045	melanoma
38076	NF1	17	29586111	IDHwt
38077	NF1	17	29586111	IDHwt
38078	NF1	17	29586111	IDHwt
38079	NF1	17	29586111	LGG GBM
38080	NF1	17	29586111	LGG GBM
38081	NF1	17	29586111	LGG GBM
38082	NF1	17	29586111	Mesenchymal_like
38083	NF1	17	29586111	Mesenchymal_like
38084	NF1	17	29586111	Mesenchymal_like
38085	NF1	17	29586111	Neural
38086	NF1	17	29586111	Neural
38087	NF1	17	29586111	Neural
38088	NF1	17	29586114	melanoma
38089	NF1	17	29587446	melanoma
38090	NF1	17	29587446	melanoma
38091	NF1	17	29587446	melanoma
38092	NF1	17	29592254	melanoma
38093	EVI2A	17	29645800	melanoma
38094	EVI2A	17	29645800	melanoma
38095	EVI2A	17	29645958	melanoma
38096	EVI2A	17	29645958	melanoma
38097	NF1	17	29665809	melanoma
38098	NF1	17	29667527	bladder
38099	NF1	17	29667577	lung
38100	NF1	17	29684327	bladder
38101	NF1	17	29701072	lung
38102	RAB11FIP4	17	29857404	melanoma
38103	SUZ12	17	30302514	melanoma
38104	SUZ12	17	30315349	melanoma
38105	SUZ12	17	30315349	melanoma

38106	LRRC37B	17	30349528	melanoma
38107	LRRC37B	17	30349528	melanoma
38108	LRRC37B	17	30354798	melanoma
38109	LRRC37B	17	30354798	melanoma
38110	LRRC37B	17	30354798	melanoma
38111	RHOT1	17	30534025	Codel
38112	RHOT1	17	30534025	IDHmut
38113	RHOT1	17	30534025	IDHmut_codel
38114	RHOT1	17	30534025	LGG GBM
38115	RHOT1	17	30534025	Neural
38116	RHBDL3	17	30625124	melanoma
38117	RHBDL3	17	30625124	melanoma
38118	RHBDL3	17	30625124	melanoma
38119	ZNF207	17	30693763	melanoma
38120	PSMD11	17	30774032	lung
38121	MYO1D	17	30986319	bladder
38122	MYO1D	17	31107759	Astr
38123	MYO1D	17	31107759	Astr
38124	MYO1D	17	31107759	IDHwt
38125	MYO1D	17	31107759	IDHwt
38126	MYO1D	17	31107759	LGG GBM
38127	MYO1D	17	31107759	LGG GBM
38128	MYO1D	17	31107759	Mesenchymal_like
38129	MYO1D	17	31107759	Mesenchymal_like
38130	ASIC2	17	31341024	Classic_like
38131	ASIC2	17	31341024	Gbm
38132	ASIC2	17	31341024	IDHwt
38133	ASIC2	17	31341024	IDHwt_priGBM
38134	ASIC2	17	31341024	LGG GBM
38135	ASIC2	17	31341024	Proneural
38136	ASIC2	17	31352953	melanoma
38137	ASIC2	17	31352953	melanoma
38138	CCL1	17	32687624	lung
38139	TMEM132E	17	32963138	melanoma
38140	TMEM132E	17	32964611	melanoma
38141	UNC45B	17	33479963	melanoma
38142	UNC45B	17	33481660	lung
38143	UNC45B	17	33482349	Classic
38144	UNC45B	17	33482349	Classic_like
38145	UNC45B	17	33482349	Gbm
38146	UNC45B	17	33482349	IDHwt
38147	UNC45B	17	33482349	IDHwt_priGBM
38148	UNC45B	17	33482349	LGG GBM
38149	UNC45B	17	33495180	melanoma
38150	UNC45B	17	33495180	melanoma
38151	UNC45B	17	33495180	melanoma
38152	UNC45B	17	33510561	lung
38153	SLC35G3	17	33520911	melanoma
38154	SLFN11	17	33679811	melanoma
38155	SLFN11	17	33679811	melanoma
38156	SLFN11	17	33680968	melanoma
38157	SLFN11	17	33680971	melanoma
38158	SLFN11	17	33690301	lung
38159	SLFN11	17	33690618	melanoma
38160	SLFN11	17	33690618	melanoma
38161	SLFN12	17	33738466	Codel
38162	SLFN12	17	33738466	IDHmut
38163	SLFN12	17	33738466	IDHmut_codel

38164	SLFN12	17	33738466	LGG GBM
38165	SLFN12	17	33738466	Oligo
38166	SLFN12	17	33738466	Proneural
38167	SLFN12	17	33738937	melanoma
38168	SLFN12	17	33749318	lung
38169	SLFN13	17	33767745	Classic
38170	SLFN13	17	33767745	Classic_like
38171	SLFN13	17	33767745	Gbm
38172	SLFN13	17	33767745	IDHwt
38173	SLFN13	17	33767745	IDHwt_priGBM
38174	SLFN13	17	33767745	LGG GBM
38175	SLFN13	17	33770891	melanoma
38176	SLFN13	17	33770934	melanoma
38177	SLFN12L	17	33806573	melanoma
38178	SLFN12L	17	33806573	melanoma
38179	GAS2L2	17	34072942	melanoma
38180	GAS2L2	17	34074164	melanoma
38181	GAS2L2	17	34074958	Astr
38182	GAS2L2	17	34074958	Astr
38183	GAS2L2	17	34074958	Classic
38184	GAS2L2	17	34074958	Classic
38185	GAS2L2	17	34074958	Classic_like
38186	GAS2L2	17	34074958	Classic_like
38187	GAS2L2	17	34074958	IDHwt
38188	GAS2L2	17	34074958	IDHwt
38189	GAS2L2	17	34074958	LGG GBM
38190	GAS2L2	17	34074958	LGG GBM
38191	C17orf50	17	34091549	melanoma
38192	CCL16	17	34304693	Codel
38193	CCL16	17	34304693	IDHmut
38194	CCL16	17	34304693	IDHmut_codel
38195	CCL16	17	34304693	LGG GBM
38196	CCL16	17	34304693	Neural
38197	CCL16	17	34304693	Oligo
38198	CCL14	17	34311432	Gbm
38199	CCL14	17	34311432	IDHwt
38200	CCL14	17	34311432	IDHwt_priGBM
38201	CCL14	17	34311432	LGG GBM
38202	CCL14	17	34311432	Mesenchymal
38203	CCL14	17	34311432	Mesenchymal_like
38204	MYO19	17	34857058	melanoma
38205	MYO19	17	34862341	melanoma
38206	MYO19	17	34864958	Gbm
38207	MYO19	17	34864958	IDHwt
38208	MYO19	17	34864958	IDHwt_priGBM
38209	MYO19	17	34864958	LGG GBM
38210	MYO19	17	34864958	Proneural
38211	PIGW	17	34893702	melanoma
38212	PIGW	17	34894322	melanoma
38213	GGNBP2	17	34943473	melanoma
38214	GGNBP2	17	34943473	melanoma
38215	LHX1	17	35297786	lung
38216	LHX1	17	35298051	GCIMP_high
38217	LHX1	17	35298051	IDHmut
38218	LHX1	17	35298051	IDHmut_noncodel
38219	LHX1	17	35298051	LGG GBM
38220	LHX1	17	35298051	Mesenchymal
38221	LHX1	17	35298051	OligoAstr

38222	AATF	17	35307646	melanoma
38223	AATF	17	35376338	melanoma
38224	ACACA	17	35444255	Gbm
38225	ACACA	17	35444255	IDHwt
38226	ACACA	17	35444255	IDHwt_priGBM
38227	ACACA	17	35444255	LGG GBM
38228	ACACA	17	35444255	LGm6_GBM
38229	ACACA	17	35454830	melanoma
38230	ACACA	17	35614745	Classic
38231	ACACA	17	35614745	Classic_like
38232	ACACA	17	35614745	Gbm
38233	ACACA	17	35614745	IDHwt
38234	ACACA	17	35614745	IDHwt_priGBM
38235	ACACA	17	35614745	LGG GBM
38236	SYNRG	17	35913483	bladder
38237	DDX52	17	35974371	Astr
38238	DDX52	17	35974371	GCIMP_high
38239	DDX52	17	35974371	IDHmut
38240	DDX52	17	35974371	IDHmut_noncodel
38241	DDX52	17	35974371	LGG GBM
38242	DDX52	17	35974371	Mesenchymal
38243	DDX52	17	35984412	melanoma
38244	HNF1B	17	36065013	Classic_like
38245	HNF1B	17	36065013	Gbm
38246	HNF1B	17	36065013	Gbm
38247	HNF1B	17	36065013	IDHwt
38248	HNF1B	17	36065013	IDHwt
38249	HNF1B	17	36065013	IDHwt_priGBM
38250	HNF1B	17	36065013	IDHwt_priGBM
38251	HNF1B	17	36065013	LGG GBM
38252	HNF1B	17	36065013	LGG GBM
38253	HNF1B	17	36065013	Mesenchymal
38254	HNF1B	17	36065013	Mesenchymal
38255	HNF1B	17	36065013	Mesenchymal_like
38256	MRPL45	17	36476554	melanoma
38257	MRPL45	17	36476613	melanoma
38258	MRPL45	17	36476613	melanoma
38259	GPR179	17	36484987	Gbm
38260	GPR179	17	36484987	Gbm
38261	GPR179	17	36484987	IDHwt
38262	GPR179	17	36484987	IDHwt
38263	GPR179	17	36484987	IDHwt_priGBM
38264	GPR179	17	36484987	IDHwt_priGBM
38265	GPR179	17	36484987	LGG GBM
38266	GPR179	17	36484987	LGG GBM
38267	GPR179	17	36484987	Mesenchymal_like
38268	GPR179	17	36484987	Mesenchymal_like
38269	GPR179	17	36484987	Proneural
38270	GPR179	17	36484987	Proneural
38271	GPR179	17	36487182	melanoma
38272	GPR179	17	36499255	melanoma
38273	GPR179	17	36499255	melanoma
38274	GPR179	17	36499294	melanoma
38275	SOCS7	17	36521233	melanoma
38276	SRCIN1	17	36700164	melanoma
38277	SRCIN1	17	36707604	melanoma
38278	SRCIN1	17	36719116	bladder
38279	SRCIN1	17	36720383	bladder

38280	SRCIN1	17	36720383	bladder
38281	MLLT6	17	36871961	Codel
38282	MLLT6	17	36871961	Codel
38283	MLLT6	17	36871961	IDHmut
38284	MLLT6	17	36871961	IDHmut
38285	MLLT6	17	36871961	IDHmut_codel
38286	MLLT6	17	36871961	IDHmut_codel
38287	MLLT6	17	36871961	LGG GBM
38288	MLLT6	17	36871961	LGG GBM
38289	MLLT6	17	36871961	Neural
38290	MLLT6	17	36871961	Neural
38291	MLLT6	17	36872028	melanoma
38292	CWC25	17	36959088	Classic
38293	CWC25	17	36959088	Classic_like
38294	CWC25	17	36959088	IDHwt
38295	CWC25	17	36959088	LGG GBM
38296	C17orf98	17	36993400	melanoma
38297	FBXO47	17	37107930	Astr
38298	FBXO47	17	37107930	GCIMP_high
38299	FBXO47	17	37107930	IDHmut
38300	FBXO47	17	37107930	IDHmut_noncodel
38301	FBXO47	17	37107930	LGG GBM
38302	FBXO47	17	37107930	Proneural
38303	RPL19	17	37359316	melanoma
38304	STAC2	17	37381707	melanoma
38305	STAC2	17	37381707	melanoma
38306	FBXL20	17	37417771	melanoma
38307	MED1	17	37564459	melanoma
38308	MED1	17	37564459	melanoma
38309	MED1	17	37588243	melanoma
38310	STARD3	17	37809897	melanoma
38311	STARD3	17	37809897	melanoma
38312	PNMT	17	37824874	melanoma
38313	ERBB2	17	37863366	melanoma
38314	ERBB2	17	37868208	melanoma
38315	ERBB2	17	37880208	melanoma
38316	ERBB2	17	37883149	melanoma
38317	GRB7	17	37898923	melanoma
38318	IKZF3	17	37922102	melanoma
38319	IKZF3	17	37922447	melanoma
38320	IKZF3	17	37922447	melanoma
38321	ORMDL3	17	38080398	Gbm
38322	ORMDL3	17	38080398	IDHwt
38323	ORMDL3	17	38080398	IDHwt_priGBM
38324	ORMDL3	17	38080398	LGG GBM
38325	ORMDL3	17	38080398	Mesenchymal
38326	ORMDL3	17	38080398	Mesenchymal_like
38327	GSDMA	17	38130657	melanoma
38328	GSDMA	17	38133253	lung
38329	PSMD3	17	38151457	lung
38330	MED24	17	38182950	bladder
38331	MED24	17	38182950	bladder
38332	MED24	17	38189359	melanoma
38333	THRA	17	38244678	lung
38334	THRA	17	38244678	lung
38335	THRA	17	38244678	lung
38336	CASC3	17	38320267	melanoma
38337	RAPGEFL1	17	38348909	melanoma

38338	WIPF2	17	38420802	melanoma
38339	WIPF2	17	38420802	melanoma
38340	WIPF2	17	38421231	melanoma
38341	WIPF2	17	38421231	melanoma
38342	WIPF2	17	38421369	melanoma
38343	CDC6	17	38450742	bladder
38344	CDC6	17	38453007	melanoma
38345	RARA	17	38504607	melanoma
38346	RARA	17	38504607	melanoma
38347	RARA	17	38510684	melanoma
38348	TOP2A	17	38545887	melanoma
38349	TOP2A	17	38556580	melanoma
38350	TOP2A	17	38562899	melanoma
38351	TNS4	17	38634868	melanoma
38352	TNS4	17	38643683	melanoma
38353	CCR7	17	38715155	GCIMP_high
38354	CCR7	17	38715155	GCIMP_high
38355	CCR7	17	38715155	IDHmut
38356	CCR7	17	38715155	IDHmut
38357	CCR7	17	38715155	IDHmut_noncodel
38358	CCR7	17	38715155	IDHmut_noncodel
38359	CCR7	17	38715155	LGG GBM
38360	CCR7	17	38715155	LGG GBM
38361	CCR7	17	38715155	Neural
38362	CCR7	17	38715155	Neural
38363	CCR7	17	38715155	Oligo
38364	CCR7	17	38715155	Oligo
38365	KRT26	17	38928109	melanoma
38366	KRT27	17	38936042	Classic_like
38367	KRT27	17	38936042	Gbm
38368	KRT27	17	38936042	IDHwt
38369	KRT27	17	38936042	IDHwt_priGBM
38370	KRT27	17	38936042	LGG GBM
38371	KRT28	17	38950271	melanoma
38372	TMEM99	17	38990944	melanoma
38373	TMEM99	17	38991222	melanoma
38374	KRT12	17	39019802	melanoma
38375	KRT12	17	39023228	melanoma
38376	KRT12	17	39023407	bladder
38377	KRT23	17	39081696	melanoma
38378	KRT23	17	39081696	melanoma
38379	KRT39	17	39118676	melanoma
38380	KRT39	17	39118767	melanoma
38381	KRTAP4-6	17	39296282	GCIMP_high
38382	KRTAP4-6	17	39296282	IDHmut
38383	KRTAP4-6	17	39296282	IDHmut_noncodel
38384	KRTAP4-6	17	39296282	LGG GBM
38385	KRTAP4-6	17	39296282	Proneural
38386	KRT33B	17	39521763	Codel
38387	KRT33B	17	39521763	IDHmut
38388	KRT33B	17	39521763	IDHmut_codel
38389	KRT33B	17	39521763	LGG GBM
38390	KRT33B	17	39521763	Oligo
38391	KRT33B	17	39521763	Proneural
38392	KRT34	17	39535263	melanoma
38393	KRT34	17	39535403	Classic_like
38394	KRT34	17	39535403	Gbm
38395	KRT34	17	39535403	IDHwt

38396	KRT34	17	39535403	IDHwt_priGBM
38397	KRT34	17	39535403	LGG GBM
38398	KRT34	17	39535941	Gbm
38399	KRT34	17	39535941	Gbm
38400	KRT34	17	39535941	IDHwt
38401	KRT34	17	39535941	IDHwt
38402	KRT34	17	39535941	IDHwt_priGBM
38403	KRT34	17	39535941	IDHwt_priGBM
38404	KRT34	17	39535941	LGG GBM
38405	KRT34	17	39535941	LGG GBM
38406	KRT34	17	39535941	Mesenchymal
38407	KRT34	17	39535941	Mesenchymal
38408	KRT31	17	39551856	Astr
38409	KRT31	17	39551856	Astr
38410	KRT31	17	39551856	GCIMP_high
38411	KRT31	17	39551856	GCIMP_high
38412	KRT31	17	39551856	IDHmut
38413	KRT31	17	39551856	IDHmut
38414	KRT31	17	39551856	IDHmut_noncodel
38415	KRT31	17	39551856	IDHmut_noncodel
38416	KRT31	17	39551856	LGG GBM
38417	KRT31	17	39551856	LGG GBM
38418	KRT31	17	39551856	Proneural
38419	KRT31	17	39551856	Proneural
38420	KRT37	17	39578407	melanoma
38421	KRT37	17	39578596	melanoma
38422	KRT37	17	39578596	melanoma
38423	KRT38	17	39596993	melanoma
38424	KRT32	17	39619193	Classic
38425	KRT32	17	39619193	Gbm
38426	KRT32	17	39619193	IDHwt
38427	KRT32	17	39619193	IDHwt_priGBM
38428	KRT32	17	39619193	LGG GBM
38429	KRT32	17	39619193	Mesenchymal_like
38430	KRT32	17	39623286	melanoma
38431	KRT32	17	39623286	melanoma
38432	KRT36	17	39642800	Codel
38433	KRT36	17	39642800	IDHmut
38434	KRT36	17	39642800	IDHmut_codel
38435	KRT36	17	39642800	LGG GBM
38436	KRT36	17	39642800	Oligo
38437	KRT36	17	39642800	Proneural
38438	KRT36	17	39643881	Astr
38439	KRT36	17	39643881	GCIMP_low
38440	KRT36	17	39643881	IDHmut
38441	KRT36	17	39643881	IDHmut_noncodel
38442	KRT36	17	39643881	LGG GBM
38443	KRT36	17	39643881	Mesenchymal
38444	KRT36	17	39644595	Gbm
38445	KRT36	17	39644595	IDHwt
38446	KRT36	17	39644595	IDHwt_priGBM
38447	KRT36	17	39644595	LGG GBM
38448	KRT36	17	39644595	Mesenchymal
38449	KRT36	17	39644595	Mesenchymal_like
38450	KRT36	17	39645840	melanoma
38451	KRT13	17	39661780	lung
38452	KRT15	17	39674590	Astr
38453	KRT15	17	39674590	Astr

38454	KRT15	17	39674590	GCIMP_high
38455	KRT15	17	39674590	GCIMP_high
38456	KRT15	17	39674590	IDHmut
38457	KRT15	17	39674590	IDHmut
38458	KRT15	17	39674590	IDHmut_noncodel
38459	KRT15	17	39674590	IDHmut_noncodel
38460	KRT15	17	39674590	LGG GBM
38461	KRT15	17	39674590	LGG GBM
38462	KRT15	17	39674590	Neural
38463	KRT15	17	39674590	Neural
38464	KRT9	17	39724460	melanoma
38465	KRT9	17	39726236	melanoma
38466	KRT14	17	39741254	Gbm
38467	KRT14	17	39741254	IDHwt
38468	KRT14	17	39741254	IDHwt_priGBM
38469	KRT14	17	39741254	LGG GBM
38470	KRT14	17	39741254	Mesenchymal
38471	KRT14	17	39741254	Mesenchymal_like
38472	KRT14	17	39743011	lung
38473	KRT14	17	39743011	lung
38474	KRT16	17	39767347	melanoma
38475	KRT16	17	39767641	Gbm
38476	KRT16	17	39767641	IDHwt
38477	KRT16	17	39767641	IDHwt_priGBM
38478	KRT16	17	39767641	LGG GBM
38479	KRT16	17	39767641	Neural
38480	KRT16	17	39768505	melanoma
38481	HAP1	17	39888589	melanoma
38482	HAP1	17	39890424	bladder
38483	HAP1	17	39890424	bladder
38484	HAP1	17	39890721	melanoma
38485	JUP	17	39927974	melanoma
38486	FKBP10	17	39969368	melanoma
38487	FKBP10	17	39975486	lung
38488	KLHL11	17	40010369	melanoma
38489	KLHL11	17	40010369	melanoma
38490	ACLY	17	40030113	melanoma
38491	ACLY	17	40058032	melanoma
38492	CNP	17	40120425	melanoma
38493	DHX58	17	40260123	melanoma
38494	KAT2A	17	40271345	lung
38495	KCNH4	17	40332948	melanoma
38496	GHDC	17	40343090	melanoma
38497	GHDC	17	40343090	melanoma
38498	STAT5A	17	40460253	melanoma
38499	STAT5A	17	40462619	melanoma
38500	STAT5A	17	40462619	melanoma
38501	CAVIN1	17	40557304	melanoma
38502	CAVIN1	17	40557304	melanoma
38503	ATP6V0A1	17	40646399	melanoma
38504	ATP6V0A1	17	40647717	melanoma
38505	ATP6V0A1	17	40647717	melanoma
38506	NAGLU	17	40690770	melanoma
38507	NAGLU	17	40695189	melanoma
38508	COASY	17	40714936	melanoma
38509	MLX	17	40723595	melanoma
38510	MLX	17	40723595	melanoma
38511	MLX	17	40723595	melanoma

38512	RETREG3	17	40738109	melanoma
38513	RETREG3	17	40744163	melanoma
38514	TUBG1	17	40766566	melanoma
38515	TUBG2	17	40817702	Gbm
38516	TUBG2	17	40817702	IDHwt
38517	TUBG2	17	40817702	IDHwt_priGBM
38518	TUBG2	17	40817702	LGG GBM
38519	TUBG2	17	40817702	LGm6_GBM
38520	PLEKHH3	17	40825667	melanoma
38521	CCR10	17	40832407	melanoma
38522	EZH1	17	40864465	melanoma
38523	EZH1	17	40876421	melanoma
38524	WNK4	17	40932901	melanoma
38525	WNK4	17	40947089	melanoma
38526	CNTD1	17	40951239	melanoma
38527	CNTD1	17	40961439	bladder
38528	AOC2	17	40997349	melanoma
38529	AOC3	17	41004427	melanoma
38530	G6PC	17	41059630	Astr
38531	G6PC	17	41059630	Classic_like
38532	G6PC	17	41059630	IDHwt
38533	G6PC	17	41059630	LGG GBM
38534	G6PC	17	41059630	Neural
38535	G6PC	17	41063274	melanoma
38536	G6PC	17	41063361	Codel
38537	G6PC	17	41063361	IDHmut
38538	G6PC	17	41063361	IDHmut_codel
38539	G6PC	17	41063361	LGG GBM
38540	G6PC	17	41063361	Oligo
38541	G6PC	17	41063361	Proneural
38542	RUNDC1	17	41143387	melanoma
38543	RPL27	17	41154733	melanoma
38544	BRCA1	17	41244603	Gbm
38545	BRCA1	17	41244603	Gbm
38546	BRCA1	17	41244603	IDHwt
38547	BRCA1	17	41244603	IDHwt
38548	BRCA1	17	41244603	IDHwt_priGBM
38549	BRCA1	17	41244603	IDHwt_priGBM
38550	BRCA1	17	41244603	LGG GBM
38551	BRCA1	17	41244603	LGG GBM
38552	BRCA1	17	41244603	Mesenchymal
38553	BRCA1	17	41244603	Mesenchymal
38554	BRCA1	17	41245197	melanoma
38555	NBR1	17	41345543	lung
38556	DHX8	17	41585046	melanoma
38557	DHX8	17	41594674	melanoma
38558	MEOX1	17	41738589	melanoma
38559	MPP3	17	41891643	melanoma
38560	MPP3	17	41898308	melanoma
38561	MPP3	17	41903192	lung
38562	CD300LG	17	41931364	bladder
38563	CD300LG	17	41939175	melanoma
38564	MPP2	17	41975712	melanoma
38565	MPP2	17	41975712	melanoma
38566	MPP2	17	41981836	lung
38567	HDAC5	17	42169193	melanoma
38568	HDAC5	17	42169193	melanoma
38569	HDAC5	17	42169193	melanoma

38570	C17orf53	17	42226277	melanoma
38571	C17orf53	17	42226277	melanoma
38572	C17orf53	17	42226277	melanoma
38573	UBTF	17	42289785	melanoma
38574	SLC4A1	17	42334906	melanoma
38575	SLC4A1	17	42335476	Classic
38576	SLC4A1	17	42335476	Classic
38577	SLC4A1	17	42335476	Gbm
38578	SLC4A1	17	42335476	Gbm
38579	SLC4A1	17	42335476	IDHwt
38580	SLC4A1	17	42335476	IDHwt
38581	SLC4A1	17	42335476	IDHwt_priGBM
38582	SLC4A1	17	42335476	IDHwt_priGBM
38583	SLC4A1	17	42335476	LGG GBM
38584	SLC4A1	17	42335476	LGG GBM
38585	SLC4A1	17	42335476	Mesenchymal_like
38586	SLC4A1	17	42335476	Mesenchymal_like
38587	RUNDC3A	17	42392120	bladder
38588	FAM171A2	17	42431637	IDHwt_priGBM2
38589	ITGA2B	17	42455842	Astr
38590	ITGA2B	17	42455842	IDHwt
38591	ITGA2B	17	42455842	LGG GBM
38592	ITGA2B	17	42455842	Mesenchymal
38593	ITGA2B	17	42455842	PA_like
38594	ITGA2B	17	42458313	melanoma
38595	ITGA2B	17	42458313	melanoma
38596	GPATCH8	17	42478567	melanoma
38597	GPATCH8	17	42478567	melanoma
38598	GPATCH8	17	42483332	lung
38599	FZD2	17	42635568	melanoma
38600	MEIOC	17	42745474	lung
38601	MEIOC	17	42745474	lung
38602	MEIOC	17	42745474	lung
38603	DBF4B	17	42828238	melanoma
38604	ADAM11	17	42849140	lung
38605	GJC1	17	42882926	melanoma
38606	GJC1	17	42882926	melanoma
38607	GJC1	17	42882926	melanoma
38608	GJC1	17	42882926	melanoma
38609	GJC1	17	42882926	melanoma
38610	GJC1	17	42882926	melanoma
38611	EFTUD2	17	42929853	melanoma
38612	EFTUD2	17	42937885	melanoma
38613	EFTUD2	17	42937885	melanoma
38614	EFTUD2	17	42942379	Gbm
38615	EFTUD2	17	42942379	IDHwt
38616	EFTUD2	17	42942379	IDHwt_priGBM
38617	EFTUD2	17	42942379	LGG GBM
38618	EFTUD2	17	42942379	LGm6_GBM
38619	KIF18B	17	43003799	lung
38620	KIF18B	17	43003799	lung
38621	KIF18B	17	43010092	melanoma
38622	KIF18B	17	43013693	melanoma
38623	DCAKD	17	43111705	hnscc
38624	HEXIM2	17	43246703	bladder
38625	FMNL1	17	43309756	melanoma
38626	FMNL1	17	43311067	melanoma
38627	FMNL1	17	43313516	melanoma

38628	FMNL1	17	43313516	melanoma
38629	FMNL1	17	43313516	melanoma
38630	SPATA32	17	43332816	IDHwt_priGBM2
38631	SPATA32	17	43332977	melanoma
38632	SPATA32	17	43333751	melanoma
38633	PLEKHM1	17	43552610	melanoma
38634	PLEKHM1	17	43552610	melanoma
38635	PLEKHM1	17	43555458	melanoma
38636	R1;LINC02210-CF	17	43907815	melanoma
38637	R1;LINC02210-CF	17	43907815	melanoma
38638	R1;LINC02210-CF	17	43912074	melanoma
38639	R1;LINC02210-CF	17	43912074	melanoma
38640	SPPL2C	17	43922756	melanoma
38641	SPPL2C	17	43922772	lung
38642	SPPL2C	17	43922943	melanoma
38643	SPPL2C	17	43923050	lung
38644	SPPL2C	17	43923050	lung
38645	KANSL1	17	44249281	melanoma
38646	LRRC37A	17	44414834	lung
38647	LRRC37A	17	44414834	lung
38648	WNT3	17	44851271	melanoma
38649	WNT9B	17	44949992	Classic
38650	WNT9B	17	44949992	Classic_like
38651	WNT9B	17	44949992	Gbm
38652	WNT9B	17	44949992	IDHwt
38653	WNT9B	17	44949992	IDHwt_priGBM
38654	WNT9B	17	44949992	LGG GBM
38655	WNT9B	17	44952674	melanoma
38656	CDC27	17	45234357	lung
38657	ITGB3	17	45364593	melanoma
38658	ITGB3	17	45367053	melanoma
38659	ITGB3	17	45367054	melanoma
38660	ITGB3	17	45367632	melanoma
38661	EFCAB13	17	45452090	melanoma
38662	EFCAB13	17	45452090	melanoma
38663	EFCAB13	17	45452090	melanoma
38664	EFCAB13	17	45473307	melanoma
38665	NPEPPS	17	45681356	Gbm
38666	NPEPPS	17	45681356	IDHwt
38667	NPEPPS	17	45681356	IDHwt_priGBM
38668	NPEPPS	17	45681356	LGG GBM
38669	NPEPPS	17	45681356	Mesenchymal
38670	KPNB1	17	45741558	bladder
38671	TBKBP1	17	45776724	melanoma
38672	TBX21	17	45822353	melanoma
38673	TBX21	17	45822353	melanoma
38674	TBX21	17	45822353	melanoma
38675	OSBPL7	17	45896435	melanoma
38676	OSBPL7	17	45896435	melanoma
38677	SCRN2	17	45915354	lung
38678	SP6	17	45924949	melanoma
38679	SP6	17	45924949	melanoma
38680	CDK5RAP3	17	46058041	melanoma
38681	NFE2L1	17	46133781	lung
38682	NFE2L1	17	46133781	lung
38683	NFE2L1	17	46134788	melanoma
38684	NFE2L1	17	46134788	melanoma
38685	SNX11	17	46190694	melanoma

38686	SKAP1	17	46423302	melanoma
38687	SKAP1	17	46423302	melanoma
38688	SKAP1	17	46441153	lung
38689	HOXB3	17	46628405	melanoma
38690	HOXB3	17	46629581	melanoma
38691	HOXB4	17	46655661	bladder
38692	HOXB5	17	46670842	Classic
38693	HOXB5	17	46670842	Classic_like
38694	HOXB5	17	46670842	IDHwt
38695	HOXB5	17	46670842	LGG GBM
38696	HOXB5	17	46670842	OligoAstr
38697	HOXB8	17	46691864	Codel
38698	HOXB8	17	46691864	IDHmut
38699	HOXB8	17	46691864	IDHmut_codel
38700	HOXB8	17	46691864	LGG GBM
38701	HOXB8	17	46691864	Oligo
38702	HOXB8	17	46691864	Proneural
38703	PRAC1	17	46799723	lung
38704	HOXB13	17	46804208	melanoma
38705	TLL6	17	46846410	melanoma
38706	TLL6	17	46865221	melanoma
38707	UBE2Z	17	46986038	melanoma
38708	IGF2BP1	17	47121356	melanoma
38709	B4GALNT2	17	47236552	melanoma
38710	GNGT2	17	47284162	Gbm
38711	GNGT2	17	47284162	GCIMP_low
38712	GNGT2	17	47284162	IDHmut
38713	GNGT2	17	47284162	IDHmut_noncodel
38714	GNGT2	17	47284162	LGG GBM
38715	GNGT2	17	47284162	Proneural
38716	GNGT2	17	47284190	melanoma
38717	PHOSPHO1	17	47302215	hnscc
38718	ZNF652	17	47375885	melanoma
38719	ZNF652	17	47375885	melanoma
38720	ZNF652	17	47375980	melanoma
38721	ZNF652	17	47376106	melanoma
38722	ZNF652	17	47390200	melanoma
38723	ZNF652	17	47394907	lung
38724	PHB	17	47486488	bladder
38725	PHB	17	47486767	melanoma
38726	NXPH3	17	47656079	melanoma
38727	NXPH3	17	47656412	melanoma
38728	SPOP	17	47688737	GCIMP_high
38729	SPOP	17	47688737	IDHmut
38730	SPOP	17	47688737	IDHmut_noncodel
38731	SPOP	17	47688737	LGG GBM
38732	SPOP	17	47688737	OligoAstr
38733	SPOP	17	47699332	melanoma
38734	SPOP	17	47699411	lung
38735	KAT7	17	47874228	melanoma
38736	KAT7	17	47874228	melanoma
38737	PDK2	17	48174841	melanoma
38738	PDK2	17	48183269	melanoma
38739	PDK2	17	48183269	melanoma
38740	SAMD14	17	48190280	lung
38741	SGCA	17	48252700	melanoma
38742	TMEM92	17	48356332	bladder
38743	EME1	17	48456005	melanoma

38744	LRRC59	17	48465454	Astr
38745	LRRC59	17	48465454	Astr
38746	LRRC59	17	48465454	Classic
38747	LRRC59	17	48465454	Classic
38748	LRRC59	17	48465454	IDHwt
38749	LRRC59	17	48465454	IDHwt
38750	LRRC59	17	48465454	LGG GBM
38751	LRRC59	17	48465454	LGG GBM
38752	LRRC59	17	48465454	Mesenchymal_like
38753	LRRC59	17	48465454	Mesenchymal_like
38754	ACSF2	17	48538048	melanoma
38755	ACSF2	17	48539798	melanoma
38756	ACSF2	17	48539831	melanoma
38757	RSAD1	17	48562158	melanoma
38758	RSAD1	17	48562158	melanoma
38759	MYCBPAP	17	48601029	melanoma
38760	EPN3	17	48614437	melanoma
38761	EPN3	17	48618184	lung
38762	CACNA1G	17	48653610	melanoma
38763	CACNA1G	17	48669362	melanoma
38764	CACNA1G	17	48680430	melanoma
38765	CACNA1G	17	48696074	melanoma
38766	CACNA1G	17	48697098	lung
38767	ABCC3	17	48734091	melanoma
38768	ABCC3	17	48741051	bladder
38769	ABCC3	17	48741051	bladder
38770	WFIKKN2	17	48917445	melanoma
38771	WFIKKN2	17	48918243	Codel
38772	WFIKKN2	17	48918243	IDHmut
38773	WFIKKN2	17	48918243	IDHmut_codel
38774	WFIKKN2	17	48918243	LGG GBM
38775	WFIKKN2	17	48918243	Neural
38776	WFIKKN2	17	48918243	Oligo
38777	SPAG9	17	49098600	melanoma
38778	IME1-NME2;NME	17	49248854	lung
38779	IME1-NME2;NME	17	49248854	lung
38780	MBTD1	17	49272631	melanoma
38781	UTP18	17	49357410	melanoma
38782	CA10	17	49731031	melanoma
38783	KIF2B	17	51900723	Classic_like
38784	KIF2B	17	51900723	Gbm
38785	KIF2B	17	51900723	IDHwt
38786	KIF2B	17	51900723	IDHwt_priGBM
38787	KIF2B	17	51900723	LGG GBM
38788	KIF2B	17	51900791	melanoma
38789	KIF2B	17	51900791	melanoma
38790	KIF2B	17	51900950	melanoma
38791	KIF2B	17	51901490	melanoma
38792	HLF	17	53345328	melanoma
38793	HLF	17	53345394	melanoma
38794	HLF	17	53345394	melanoma
38795	TMEM100	17	53798350	melanoma
38796	ANKFN1	17	54428198	melanoma
38797	ANKFN1	17	54450054	melanoma
38798	ANKFN1	17	54451977	melanoma
38799	ANKFN1	17	54558102	melanoma
38800	DGKE	17	54912290	melanoma
38801	DGKE	17	54912338	melanoma

38802	DGKE	17	54925329	Gbm
38803	DGKE	17	54925329	Gbm
38804	DGKE	17	54925329	Gbm
38805	DGKE	17	54925329	IDHwt
38806	DGKE	17	54925329	IDHwt
38807	DGKE	17	54925329	IDHwt
38808	DGKE	17	54925329	IDHwt_priGBM
38809	DGKE	17	54925329	IDHwt_priGBM
38810	DGKE	17	54925329	IDHwt_priGBM
38811	DGKE	17	54925329	LGG GBM
38812	DGKE	17	54925329	LGG GBM
38813	DGKE	17	54925329	LGG GBM
38814	DGKE	17	54925329	Mesenchymal
38815	DGKE	17	54925329	Mesenchymal
38816	DGKE	17	54925329	Mesenchymal
38817	DGKE	17	54925329	Mesenchymal_like
38818	DGKE	17	54925329	Mesenchymal_like
38819	DGKE	17	54925329	Mesenchymal_like
38820	COIL	17	55027266	melanoma
38821	SCPEP1	17	55079414	melanoma
38822	SCPEP1	17	55079414	melanoma
38823	AKAP1	17	55184131	lung
38824	AKAP1	17	55194235	melanoma
38825	AKAP1	17	55194235	melanoma
38826	CUEDC1	17	55946527	Astr
38827	CUEDC1	17	55946527	IDHwt
38828	CUEDC1	17	55946527	LGG GBM
38829	CUEDC1	17	55946527	Mesenchymal_like
38830	VEZF1	17	56052042	melanoma
38831	VEZF1	17	56052237	melanoma
38832	VEZF1	17	56059278	lung
38833	VEZF1	17	56060408	melanoma
38834	OR4D1	17	56232716	melanoma
38835	OR4D1	17	56232900	melanoma
38836	OR4D1	17	56233151	melanoma
38837	EPX	17	56280475	melanoma
38838	EPX	17	56280490	melanoma
38839	LPO	17	56342291	melanoma
38840	MPO	17	56350124	melanoma
38841	MPO	17	56358016	melanoma
38842	TSPOAP1	17	56395645	melanoma
38843	RNF43	17	56435389	melanoma
38844	RNF43	17	56435389	melanoma
38845	HSF5	17	56540528	melanoma
38846	HSF5	17	56540528	melanoma
38847	HSF5	17	56557452	melanoma
38848	MTMR4	17	56581451	melanoma
38849	C17orf47	17	56621327	Gbm
38850	C17orf47	17	56621327	IDHwt
38851	C17orf47	17	56621327	IDHwt_priGBM
38852	C17orf47	17	56621327	LGG GBM
38853	C17orf47	17	56621327	Mesenchymal
38854	C17orf47	17	56621327	Mesenchymal_like
38855	TEX14	17	56663354	lung
38856	TEX14	17	56679850	bladder
38857	TEX14	17	56699084	melanoma
38858	PPM1E	17	57033059	melanoma
38859	TRIM37	17	57093119	lung

38860	PRR11	17	57247232	melanoma
38861	YPEL2	17	57465710	melanoma
38862	DHX40	17	57684403	melanoma
38863	CLTC	17	57733383	melanoma
38864	CLTC	17	57733383	melanoma
38865	CLTC	17	57737798	melanoma
38866	CLTC	17	57758816	bladder
38867	CLTC	17	57759778	lung
38868	RPS6KB1	17	57990133	melanoma
38869	RPS6KB1	17	58011570	melanoma
38870	HEATR6	17	58149607	melanoma
38871	HEATR6	17	58150532	IDHwt_priGBM2
38872	USP32	17	58259049	melanoma
38873	USP32	17	58259049	melanoma
38874	USP32	17	58297040	melanoma
38875	APPBP2	17	58577835	melanoma
38876	PPM1D	17	58700950	melanoma
38877	PPM1D	17	58700950	melanoma
38878	PPM1D	17	58700950	melanoma
38879	BCAS3	17	58786621	melanoma
38880	BCAS3	17	59469455	melanoma
38881	TBX2	17	59485500	melanoma
38882	TBX2	17	59485500	melanoma
38883	NACA2	17	59668535	melanoma
38884	BRIP1	17	59820427	melanoma
38885	BRIP1	17	59820469	lung
38886	BRIP1	17	59878651	melanoma
38887	BRIP1	17	59878814	melanoma
38888	BRIP1	17	59885932	hnscc
38889	BRIP1	17	59926509	melanoma
38890	INTS2	17	59975056	lung
38891	INTS2	17	59989332	melanoma
38892	INTS2	17	60003762	melanoma
38893	MED13	17	60028200	melanoma
38894	MED13	17	60028200	melanoma
38895	MED13	17	60030433	melanoma
38896	MED13	17	60032808	melanoma
38897	MED13	17	60032808	melanoma
38898	MED13	17	60043967	melanoma
38899	MED13	17	60043967	melanoma
38900	MED13	17	60088464	melanoma
38901	MED13	17	60140467	lung
38902	EFCAB3	17	60483902	melanoma
38903	TLK2	17	60650632	melanoma
38904	TLK2	17	60650687	bladder
38905	TLK2	17	60689790	lung
38906	TLK2	17	60689790	lung
38907	MRC2	17	60743464	melanoma
38908	MRC2	17	60744139	melanoma
38909	MRC2	17	60754804	melanoma
38910	MRC2	17	60758289	melanoma
38911	MRC2	17	60758289	melanoma
38912	MRC2	17	60758432	melanoma
38913	MRC2	17	60758432	melanoma
38914	TANC2	17	61428697	Gbm
38915	TANC2	17	61428697	IDHwt
38916	TANC2	17	61428697	IDHwt_priGBM
38917	TANC2	17	61428697	LGG GBM

38918	TANC2	17	61428697	Mesenchymal
38919	TANC2	17	61428697	Mesenchymal_like
38920	TANC2	17	61497815	melanoma
38921	TANC2	17	61497815	melanoma
38922	TANC2	17	61497815	melanoma
38923	CYB561	17	61514742	Classic_like
38924	CYB561	17	61514742	Classic_like
38925	CYB561	17	61514742	Classic_like
38926	CYB561	17	61514742	Gbm
38927	CYB561	17	61514742	Gbm
38928	CYB561	17	61514742	Gbm
38929	CYB561	17	61514742	IDHwt
38930	CYB561	17	61514742	IDHwt
38931	CYB561	17	61514742	IDHwt
38932	CYB561	17	61514742	IDHwt_priGBM
38933	CYB561	17	61514742	IDHwt_priGBM
38934	CYB561	17	61514742	IDHwt_priGBM
38935	CYB561	17	61514742	LGG GBM
38936	CYB561	17	61514742	LGG GBM
38937	CYB561	17	61514742	LGG GBM
38938	ACE	17	61557154	Astr
38939	ACE	17	61557154	Astr
38940	ACE	17	61557154	IDHwt
38941	ACE	17	61557154	IDHwt
38942	ACE	17	61557154	LGG GBM
38943	ACE	17	61557154	LGG GBM
38944	ACE	17	61557154	Mesenchymal_like
38945	ACE	17	61557154	Mesenchymal_like
38946	ACE	17	61559916	bladder
38947	ACE	17	61559916	bladder
38948	ACE	17	61559916	bladder
38949	ACE	17	61560507	Classic_like
38950	ACE	17	61560507	Gbm
38951	ACE	17	61560507	IDHwt
38952	ACE	17	61560507	IDHwt_priGBM
38953	ACE	17	61560507	LGG GBM
38954	ACE	17	61562422	lung
38955	ACE	17	61562422	lung
38956	ACE	17	61564407	melanoma
38957	ACE	17	61573813	melanoma
38958	ACE	17	61574262	melanoma
38959	ACE	17	61574262	melanoma
38960	KCNH6	17	61607455	melanoma
38961	KCNH6	17	61607835	melanoma
38962	DDX42	17	61884000	melanoma
38963	DDX42	17	61889388	melanoma
38964	DDX42	17	61889388	melanoma
38965	SMARCD2	17	61911645	Codel
38966	SMARCD2	17	61911645	IDHmut
38967	SMARCD2	17	61911645	IDHmut_codel
38968	SMARCD2	17	61911645	LGG GBM
38969	SMARCD2	17	61911645	Neural
38970	SMARCD2	17	61911645	Oligo
38971	CSH2	17	61950669	melanoma
38972	CSHL1	17	61987091	Astr
38973	CSHL1	17	61987091	GCIMP_low
38974	CSHL1	17	61987091	IDHmut
38975	CSHL1	17	61987091	IDHmut_noncodel

38976	CSHL1	17	61987091	LGG GBM
38977	CSHL1	17	61987793	melanoma
38978	GH1	17	61995779	melanoma
38979	GH1	17	61995779	melanoma
38980	GH1	17	61995779	melanoma
38981	SCN4A	17	62018810	lung
38982	SCN4A	17	62018810	lung
38983	SCN4A	17	62028801	melanoma
38984	SCN4A	17	62028854	melanoma
38985	SCN4A	17	62034670	lung
38986	SCN4A	17	62045598	melanoma
38987	SCN4A	17	62045665	melanoma
38988	SCN4A	17	62048603	melanoma
38989	ERN1	17	62121422	melanoma
38990	ERN1	17	62137906	melanoma
38991	ERN1	17	62137906	melanoma
38992	ERN1	17	62137906	melanoma
38993	ERN1	17	62144274	melanoma
38994	ERN1	17	62149452	melanoma
38995	ERN1	17	62158156	melanoma
38996	TEX2	17	62238232	lung
38997	TEX2	17	62238232	lung
38998	TEX2	17	62290625	melanoma
38999	TEX2	17	62290958	melanoma
39000	LRRC37A3	17	62854992	melanoma
39001	GNA13	17	63010910	bladder
39002	RGS9	17	63221294	Classic
39003	RGS9	17	63221294	Gbm
39004	RGS9	17	63221294	IDHwt
39005	RGS9	17	63221294	IDHwt_priGBM
39006	RGS9	17	63221294	LGG GBM
39007	RGS9	17	63221294	Mesenchymal_like
39008	AXIN2	17	63553948	Classic
39009	AXIN2	17	63553948	Classic
39010	AXIN2	17	63553948	Classic
39011	AXIN2	17	63553948	Gbm
39012	AXIN2	17	63553948	Gbm
39013	AXIN2	17	63553948	Gbm
39014	AXIN2	17	63553948	IDHwt
39015	AXIN2	17	63553948	IDHwt
39016	AXIN2	17	63553948	IDHwt
39017	AXIN2	17	63553948	IDHwt_priGBM
39018	AXIN2	17	63553948	IDHwt_priGBM
39019	AXIN2	17	63553948	IDHwt_priGBM
39020	AXIN2	17	63553948	LGG GBM
39021	AXIN2	17	63553948	LGG GBM
39022	AXIN2	17	63553948	LGG GBM
39023	AXIN2	17	63553948	Mesenchymal_like
39024	AXIN2	17	63553948	Mesenchymal_like
39025	AXIN2	17	63553948	Mesenchymal_like
39026	CEP112	17	64066085	melanoma
39027	PRKCA	17	64684526	melanoma
39028	PRKCA	17	64738778	melanoma
39029	CACNG5	17	64875104	Classic_like
39030	CACNG5	17	64875104	Gbm
39031	CACNG5	17	64875104	IDHwt
39032	CACNG5	17	64875104	IDHwt_priGBM
39033	CACNG5	17	64875104	LGG GBM

39034	CACNG5	17	64876769	melanoma
39035	HELZ	17	65104714	Gbm
39036	HELZ	17	65104714	IDHwt
39037	HELZ	17	65104714	IDHwt_priGBM
39038	HELZ	17	65104714	LGG GBM
39039	HELZ	17	65104714	Mesenchymal
39040	HELZ	17	65104714	Mesenchymal_like
39041	HELZ	17	65119252	Classic
39042	HELZ	17	65119252	Classic_like
39043	HELZ	17	65119252	Gbm
39044	HELZ	17	65119252	IDHwt
39045	HELZ	17	65119252	IDHwt_priGBM
39046	HELZ	17	65119252	LGG GBM
39047	HELZ	17	65124892	melanoma
39048	HELZ	17	65124892	melanoma
39049	HELZ	17	65124892	melanoma
39050	PITPNC1	17	65688790	melanoma
39051	NOL11	17	65732056	bladder
39052	NOL11	17	65732056	bladder
39053	NOL11	17	65739652	melanoma
39054	NOL11	17	65739652	melanoma
39055	BPTF	17	65888068	lung
39056	BPTF	17	65890224	lung
39057	BPTF	17	65890224	lung
39058	BPTF	17	65890224	lung
39059	BPTF	17	65907181	melanoma
39060	BPTF	17	65960503	melanoma
39061	AMZ2	17	66247064	bladder
39062	AMZ2	17	66247064	bladder
39063	ARSG	17	66303668	melanoma
39064	WIPI1	17	66449078	Gbm
39065	WIPI1	17	66449078	IDHwt
39066	WIPI1	17	66449078	IDHwt_priGBM
39067	WIPI1	17	66449078	LGG GBM
39068	WIPI1	17	66449078	Mesenchymal
39069	WIPI1	17	66449078	Mesenchymal_like
39070	PRKAR1A	17	66511667	melanoma
39071	FAM20A	17	66536093	melanoma
39072	ABCA8	17	66890339	melanoma
39073	ABCA8	17	66890339	melanoma
39074	ABCA8	17	66925218	melanoma
39075	ABCA8	17	66925218	melanoma
39076	ABCA8	17	66933164	Astr
39077	ABCA8	17	66933164	GCIMP_high
39078	ABCA8	17	66933164	IDHmut
39079	ABCA8	17	66933164	IDHmut_noncodel
39080	ABCA8	17	66933164	LGG GBM
39081	ABCA8	17	66933164	Mesenchymal
39082	ABCA9	17	66985230	lung
39083	ABCA9	17	66985230	lung
39084	ABCA9	17	67028409	melanoma
39085	ABCA9	17	67029927	lung
39086	ABCA9	17	67029927	lung
39087	ABCA9	17	67039732	melanoma
39088	ABCA9	17	67041451	Gbm
39089	ABCA9	17	67041451	IDHwt
39090	ABCA9	17	67041451	IDHwt_priGBM
39091	ABCA9	17	67041451	LGG GBM

39092	ABCA9	17	67041451	Mesenchymal
39093	ABCA9	17	67041451	Mesenchymal_like
39094	ABCA6	17	67075130	lung
39095	ABCA6	17	67077281	melanoma
39096	ABCA6	17	67119543	melanoma
39097	ABCA6	17	67124825	melanoma
39098	ABCA6	17	67124905	melanoma
39099	ABCA10	17	67170519	melanoma
39100	ABCA10	17	67170525	melanoma
39101	ABCA10	17	67170525	melanoma
39102	ABCA10	17	67181653	Classic_like
39103	ABCA10	17	67181653	Gbm
39104	ABCA10	17	67181653	IDHwt
39105	ABCA10	17	67181653	IDHwt_priGBM
39106	ABCA10	17	67181653	LGG GBM
39107	ABCA10	17	67181653	Neural
39108	ABCA10	17	67187420	lung
39109	ABCA10	17	67187420	lung
39110	ABCA10	17	67189276	GCIMP_high
39111	ABCA10	17	67189276	GCIMP_high
39112	ABCA10	17	67189276	IDHmut
39113	ABCA10	17	67189276	IDHmut
39114	ABCA10	17	67189276	IDHmut_noncodel
39115	ABCA10	17	67189276	IDHmut_noncodel
39116	ABCA10	17	67189276	LGG GBM
39117	ABCA10	17	67189276	LGG GBM
39118	ABCA10	17	67189276	Mesenchymal
39119	ABCA10	17	67189276	Mesenchymal
39120	ABCA10	17	67189276	OligoAstr
39121	ABCA10	17	67189276	OligoAstr
39122	ABCA5	17	67302921	bladder
39123	MAP2K6	17	67515515	melanoma
39124	MAP2K6	17	67515515	melanoma
39125	KCNJ2	17	68171457	Classic
39126	KCNJ2	17	68171457	IDHwt
39127	KCNJ2	17	68171457	LGG GBM
39128	KCNJ2	17	68171457	Mesenchymal_like
39129	KCNJ2	17	68171457	OligoAstr
39130	SOX9	17	70120286	melanoma
39131	SLC39A11	17	71027781	melanoma
39132	COG1	17	71193392	melanoma
39133	COG1	17	71197396	melanoma
39134	COG1	17	71204564	IDHwt_priGBM2
39135	C17orf80	17	71231986	melanoma
39136	C17orf80	17	71232834	melanoma
39137	CDC42EP4	17	71281669	melanoma
39138	CDC42EP4	17	71281693	lung
39139	CDC42EP4	17	71281880	melanoma
39140	SDK2	17	71357913	melanoma
39141	SDK2	17	71386546	IDHwt_priGBM2
39142	SDK2	17	71395315	melanoma
39143	SDK2	17	71415347	melanoma
39144	SDK2	17	71415347	melanoma
39145	TTYH2	17	72246438	melanoma
39146	TTYH2	17	72246438	melanoma
39147	DNAI2	17	72287200	melanoma
39148	DNAI2	17	72297211	bladder
39149	DNAI2	17	72301460	melanoma

39150	DNAI2	17	72306229	melanoma
39151	BTBD17	17	72356333	melanoma
39152	GPR142	17	72368095	Gbm
39153	GPR142	17	72368095	IDHwt
39154	GPR142	17	72368095	IDHwt_priGBM
39155	GPR142	17	72368095	LGG GBM
39156	GPR142	17	72368095	Mesenchymal
39157	GPR142	17	72368095	Mesenchymal_like
39158	GPR142	17	72368116	Classic
39159	GPR142	17	72368116	Classic
39160	GPR142	17	72368116	Classic_like
39161	GPR142	17	72368116	Classic_like
39162	GPR142	17	72368116	Gbm
39163	GPR142	17	72368116	Gbm
39164	GPR142	17	72368116	IDHwt
39165	GPR142	17	72368116	IDHwt
39166	GPR142	17	72368116	IDHwt_priGBM
39167	GPR142	17	72368116	IDHwt_priGBM
39168	GPR142	17	72368116	LGG GBM
39169	GPR142	17	72368116	LGG GBM
39170	GPR142	17	72368425	melanoma
39171	GPR142	17	72368515	melanoma
39172	GPR142	17	72368515	melanoma
39173	CD300LB	17	72518906	GCIMP_high
39174	CD300LB	17	72518906	IDHmut
39175	CD300LB	17	72518906	IDHmut_noncodel
39176	CD300LB	17	72518906	LGG GBM
39177	CD300LB	17	72518906	Neural
39178	CD300LB	17	72518906	OligoAstr
39179	CD300LB	17	72522070	melanoma
39180	CD300C	17	72539019	melanoma
39181	CD300C	17	72541027	Astr
39182	CD300C	17	72541027	Astr
39183	CD300C	17	72541027	IDHwt
39184	CD300C	17	72541027	IDHwt
39185	CD300C	17	72541027	LGG GBM
39186	CD300C	17	72541027	LGG GBM
39187	CD300C	17	72541027	Mesenchymal_like
39188	CD300C	17	72541027	Mesenchymal_like
39189	CD300C	17	72541910	lung
39190	CD300LD	17	72576247	Gbm
39191	CD300LD	17	72576247	Gbm
39192	CD300LD	17	72576247	Gbm
39193	CD300LD	17	72576247	Gbm
39194	CD300LD	17	72576247	IDHwt
39195	CD300LD	17	72576247	IDHwt
39196	CD300LD	17	72576247	IDHwt
39197	CD300LD	17	72576247	IDHwt
39198	CD300LD	17	72576247	IDHwt_priGBM
39199	CD300LD	17	72576247	IDHwt_priGBM
39200	CD300LD	17	72576247	IDHwt_priGBM
39201	CD300LD	17	72576247	IDHwt_priGBM
39202	CD300LD	17	72576247	LGG GBM
39203	CD300LD	17	72576247	LGG GBM
39204	CD300LD	17	72576247	LGG GBM
39205	CD300LD	17	72576247	LGG GBM
39206	CD300LD	17	72576247	Mesenchymal_like
39207	CD300LD	17	72576247	Mesenchymal_like

39208	CD300LD	17	72576247	Mesenchymal_like
39209	CD300LD	17	72576247	Mesenchymal_like
39210	CD300LF	17	72691375	melanoma
39211	CD300LF	17	72691911	melanoma
39212	RAB37	17	72736971	melanoma
39213	TMEM104	17	72832755	Astr
39214	TMEM104	17	72832755	GCIMP_high
39215	TMEM104	17	72832755	IDHmut
39216	TMEM104	17	72832755	IDHmut_noncodel
39217	TMEM104	17	72832755	LGG GBM
39218	TMEM104	17	72832755	Proneural
39219	GRIN2C	17	72839034	lung
39220	GRIN2C	17	72843466	melanoma
39221	GRIN2C	17	72851132	Gbm
39222	GRIN2C	17	72851132	IDHwt
39223	GRIN2C	17	72851132	IDHwt_priGBM
39224	GRIN2C	17	72851132	LGG GBM
39225	GRIN2C	17	72851132	Mesenchymal
39226	GRIN2C	17	72851132	Mesenchymal_like
39227	FADS6	17	72874552	melanoma
39228	FADS6	17	72874552	melanoma
39229	FADS6	17	72875677	bladder
39230	USH1G	17	72916429	melanoma
39231	OTOP2	17	72926464	melanoma
39232	OTOP2	17	72926464	melanoma
39233	OTOP2	17	72929602	lung
39234	OTOP3	17	72937835	melanoma
39235	OTOP3	17	72938055	melanoma
39236	OTOP3	17	72938055	melanoma
39237	OTOP3	17	72942845	melanoma
39238	OTOP3	17	72943529	GCIMP_high
39239	OTOP3	17	72943529	IDHmut
39240	OTOP3	17	72943529	IDHmut_noncodel
39241	OTOP3	17	72943529	LGG GBM
39242	OTOP3	17	72943529	Neural
39243	HID1	17	72950256	hnsc
39244	KCTD2	17	73055609	bladder
39245	SLC16A5	17	73096836	melanoma
39246	NT5C	17	73126675	Codel
39247	NT5C	17	73126675	IDHmut
39248	NT5C	17	73126675	IDHmut_codel
39249	NT5C	17	73126675	LGG GBM
39250	NT5C	17	73126675	Oligo
39251	NT5C	17	73126675	Proneural
39252	SUMO2	17	73177207	melanoma
39253	SLC25A19	17	73273501	melanoma
39254	SLC25A19	17	73273501	melanoma
39255	SLC25A19	17	73279550	melanoma
39256	SLC25A19	17	73279550	melanoma
39257	SLC25A19	17	73279550	melanoma
39258	TMEM94	17	73482451	melanoma
39259	TMEM94	17	73494568	melanoma
39260	CASKIN2	17	73498654	lung
39261	CASKIN2	17	73498655	lung
39262	CASKIN2	17	73498864	Classic
39263	CASKIN2	17	73498864	Gbm
39264	CASKIN2	17	73498864	IDHwt
39265	CASKIN2	17	73498864	IDHwt_priGBM

39266	CASKIN2	17	73498864	LGG GBM
39267	CASKIN2	17	73498864	Mesenchymal_like
39268	CASKIN2	17	73502429	melanoma
39269	CASKIN2	17	73502429	melanoma
39270	LLGL2	17	73560507	melanoma
39271	RECQL5	17	73658633	melanoma
39272	RECQL5	17	73658885	melanoma
39273	RECQL5	17	73661148	bladder
39274	RECQL5	17	73661148	bladder
39275	ITGB4	17	73723736	melanoma
39276	ITGB4	17	73723736	melanoma
39277	ITGB4	17	73723736	melanoma
39278	ITGB4	17	73728265	melanoma
39279	ITGB4	17	73748351	melanoma
39280	GALK1	17	73754163	Classic
39281	GALK1	17	73754163	Classic
39282	GALK1	17	73754163	Gbm
39283	GALK1	17	73754163	Gbm
39284	GALK1	17	73754163	IDHwt
39285	GALK1	17	73754163	IDHwt
39286	GALK1	17	73754163	IDHwt_priGBM
39287	GALK1	17	73754163	IDHwt_priGBM
39288	GALK1	17	73754163	LGG GBM
39289	GALK1	17	73754163	LGG GBM
39290	GALK1	17	73754163	Mesenchymal_like
39291	GALK1	17	73754163	Mesenchymal_like
39292	GALK1	17	73761145	melanoma
39293	UNC13D	17	73829099	bladder
39294	UNC13D	17	73832672	melanoma
39295	UNC13D	17	73836010	melanoma
39296	UNC13D	17	73836172	lung
39297	TRIM65	17	73887344	Classic
39298	TRIM65	17	73887344	Classic_like
39299	TRIM65	17	73887344	Gbm
39300	TRIM65	17	73887344	IDHwt
39301	TRIM65	17	73887344	IDHwt_priGBM
39302	TRIM65	17	73887344	LGG GBM
39303	MRPL38	17	73898143	melanoma
39304	FBF1	17	73908329	melanoma
39305	FBF1	17	73911184	lung
39306	FBF1	17	73914062	melanoma
39307	EVPL	17	74004974	melanoma
39308	EVPL	17	74005549	melanoma
39309	EVPL	17	74019411	melanoma
39310	SRP68	17	74035900	melanoma
39311	ZACN	17	74075385	melanoma
39312	ZACN	17	74075385	melanoma
39313	ZACN	17	74075385	melanoma
39314	EXOC7	17	74084564	Gbm
39315	EXOC7	17	74084564	IDHwt
39316	EXOC7	17	74084564	IDHwt_priGBM
39317	EXOC7	17	74084564	LGG GBM
39318	EXOC7	17	74084564	Mesenchymal_like
39319	EXOC7	17	74097363	melanoma
39320	RNF157	17	74155584	melanoma
39321	RNF157	17	74155584	melanoma
39322	RNF157	17	74155596	melanoma
39323	RNF157	17	74155597	melanoma

39324	QRICH2	17	74273339	melanoma
39325	QRICH2	17	74273339	melanoma
39326	QRICH2	17	74276935	bladder
39327	QRICH2	17	74288593	melanoma
39328	SPHK1	17	74383389	melanoma
39329	UBE2O	17	74392211	melanoma
39330	UBE2O	17	74392211	melanoma
39331	UBE2O	17	74392211	melanoma
39332	UBE2O	17	74392638	melanoma
39333	RHBDF2	17	74470178	melanoma
39334	RHBDF2	17	74477572	melanoma
39335	ST6GALNAC1	17	74622809	melanoma
39336	ST6GALNAC1	17	74622809	melanoma
39337	ST6GALNAC1	17	74623294	melanoma
39338	ST6GALNAC1	17	74625755	melanoma
39339	ST6GALNAC1	17	74639680	bladder
39340	JMJD6	17	74716560	melanoma
39341	MFSD11	17	74740538	melanoma
39342	MGAT5B	17	74921164	melanoma
39343	MGAT5B	17	74936892	melanoma
39344	MGAT5B	17	74944129	lung
39345	9-Sep	17	75493435	lung
39346	TNRC6C	17	76087662	melanoma
39347	TNRC6C	17	76089149	Classic
39348	TNRC6C	17	76089149	Gbm
39349	TNRC6C	17	76089149	IDHwt
39350	TNRC6C	17	76089149	IDHwt_priGBM
39351	TNRC6C	17	76089149	LGG GBM
39352	TNRC6C	17	76098621	melanoma
39353	TNRC6C	17	76098621	melanoma
39354	TMC6	17	76115110	bladder
39355	TMC6	17	76115442	melanoma
39356	TMC6	17	76117169	melanoma
39357	TMC6	17	76120133	melanoma
39358	TMC8	17	76128455	melanoma
39359	TMC8	17	76131056	melanoma
39360	TMC8	17	76131056	melanoma
39361	SYNGR2	17	76167662	melanoma
39362	AFMID	17	76201218	melanoma
39363	SOCS3	17	76354554	melanoma
39364	SOCS3	17	76355133	melanoma
39365	SOCS3	17	76355133	melanoma
39366	PGS1	17	76400045	melanoma
39367	DNAH17	17	76440831	melanoma
39368	DNAH17	17	76455187	melanoma
39369	DNAH17	17	76455187	melanoma
39370	DNAH17	17	76458991	melanoma
39371	DNAH17	17	76464869	melanoma
39372	DNAH17	17	76464869	melanoma
39373	DNAH17	17	76472701	melanoma
39374	DNAH17	17	76475620	melanoma
39375	DNAH17	17	76482353	melanoma
39376	DNAH17	17	76488831	Gbm
39377	DNAH17	17	76488831	IDHwt
39378	DNAH17	17	76488831	IDHwt_priGBM
39379	DNAH17	17	76488831	LGG GBM
39380	DNAH17	17	76488831	Mesenchymal
39381	DNAH17	17	76488831	Mesenchymal_like

39382	DNAH17	17	76490700	melanoma
39383	DNAH17	17	76497320	melanoma
39384	DNAH17	17	76506483	melanoma
39385	DNAH17	17	76506483	melanoma
39386	DNAH17	17	76510921	Astr
39387	DNAH17	17	76510921	GCIMP_high
39388	DNAH17	17	76510921	IDHmut
39389	DNAH17	17	76510921	IDHmut_noncodel
39390	DNAH17	17	76510921	LGG GBM
39391	DNAH17	17	76510921	Proneural
39392	DNAH17	17	76510950	melanoma
39393	DNAH17	17	76528737	melanoma
39394	DNAH17	17	76554237	bladder
39395	DNAH17	17	76556971	melanoma
39396	DNAH17	17	76558007	Astr
39397	DNAH17	17	76558007	IDHwt
39398	DNAH17	17	76558007	LGG GBM
39399	DNAH17	17	76558007	Neural
39400	DNAH17	17	76558007	PA_like
39401	DNAH17	17	76563103	melanoma
39402	DNAH17	17	76563146	melanoma
39403	DNAH17	17	76563146	melanoma
39404	DNAH17	17	76570826	melanoma
39405	USP36	17	76803078	melanoma
39406	USP36	17	76823369	melanoma
39407	USP36	17	76832354	bladder
39408	LGALS3BP	17	76967912	melanoma
39409	LGALS3BP	17	76973266	melanoma
39410	LGALS3BP	17	76973266	melanoma
39411	CANT1	17	76989644	Classic
39412	CANT1	17	76989644	Gbm
39413	CANT1	17	76989644	IDHwt
39414	CANT1	17	76989644	IDHwt_priGBM
39415	CANT1	17	76989644	LGG GBM
39416	CANT1	17	76991127	bladder
39417	ENGASE	17	77082099	melanoma
39418	ENPP7	17	77710991	Gbm
39419	ENPP7	17	77710991	IDHwt
39420	ENPP7	17	77710991	IDHwt_priGBM
39421	ENPP7	17	77710991	LGG GBM
39422	ENPP7	17	77710991	Mesenchymal
39423	ENPP7	17	77710991	Mesenchymal_like
39424	CBX2	17	77757846	melanoma
39425	CBX8	17	77769251	melanoma
39426	CBX8	17	77769251	melanoma
39427	CBX8	17	77769275	Classic
39428	CBX8	17	77769275	Classic_like
39429	CBX8	17	77769275	Gbm
39430	CBX8	17	77769275	IDHwt
39431	CBX8	17	77769275	IDHwt_priGBM
39432	CBX8	17	77769275	LGG GBM
39433	TBC1D16	17	77984031	melanoma
39434	CCDC40	17	78022532	melanoma
39435	CCDC40	17	78063628	melanoma
39436	SLC26A11	17	78197081	melanoma
39437	SLC26A11	17	78211349	melanoma
39438	RNF213	17	78293150	melanoma
39439	RNF213	17	78305896	bladder

39440	RNF213	17	78305896	bladder
39441	RNF213	17	78316998	melanoma
39442	RNF213	17	78338264	melanoma
39443	RNF213	17	78350694	melanoma
39444	NPTX1	17	78444660	Codel
39445	NPTX1	17	78444660	IDHmut
39446	NPTX1	17	78444660	IDHmut_codel
39447	NPTX1	17	78444660	LGG GBM
39448	NPTX1	17	78444660	Oligo
39449	NPTX1	17	78444660	Proneural
39450	NPTX1	17	78449873	melanoma
39451	RPTOR	17	78796963	melanoma
39452	RPTOR	17	78936352	melanoma
39453	RPTOR	17	78938065	melanoma
39454	RPTOR	17	78938065	melanoma
39455	BAIAP2	17	79027528	melanoma
39456	BAIAP2	17	79080621	melanoma
39457	BAIAP2	17	79080621	melanoma
39458	SLC38A10	17	79226331	melanoma
39459	SLC38A10	17	79244783	melanoma
39460	SLC38A10	17	79249788	GCIMP_high
39461	SLC38A10	17	79249788	IDHmut
39462	SLC38A10	17	79249788	IDHmut_noncodel
39463	SLC38A10	17	79249788	LGG GBM
39464	SLC38A10	17	79249788	OligoAstr
39465	SLC38A10	17	79249788	Proneural
39466	SLC38A10	17	79249842	melanoma
39467	TMEM105	17	79288241	IDHwt
39468	TMEM105	17	79288241	LGG GBM
39469	TMEM105	17	79288241	Mesenchymal_like
39470	TMEM105	17	79288241	Neural
39471	ACTG1	17	79477991	melanoma
39472	ACTG1	17	79478095	melanoma
39473	FSCN2	17	79503585	melanoma
39474	FSCN2	17	79503762	Classic_like
39475	FSCN2	17	79503762	IDHwt
39476	FSCN2	17	79503762	LGG GBM
39477	FAAP100	17	79514426	melanoma
39478	HGS	17	79663655	lung
39479	SLC25A10	17	79682089	lung
39480	SLC25A10	17	79682089	lung
39481	SLC25A10	17	79682553	melanoma
39482	SLC25A10	17	79682553	melanoma
39483	SLC25A10	17	79682553	melanoma
39484	NPB	17	79860577	melanoma
39485	NPB	17	79860577	melanoma
39486	PCYT2	17	79865705	melanoma
39487	PYCR1	17	79894036	melanoma
39488	PYCR1	17	79894642	lung
39489	NOTUM	17	79916219	lung
39490	LRRC45	17	79982168	melanoma
39491	LRRC45	17	79982976	melanoma
39492	DCXR	17	79994309	melanoma
39493	GPS1	17	80014244	melanoma
39494	FASN	17	80038667	melanoma
39495	FASN	17	80038667	melanoma
39496	CCDC57	17	80159799	melanoma
39497	SLC16A3	17	80195422	melanoma

39498	CD7	17	80274657	melanoma
39499	CD7	17	80274657	melanoma
39500	CD7	17	80274786	Gbm
39501	CD7	17	80274786	IDHwt
39502	CD7	17	80274786	IDHwt_priGBM
39503	CD7	17	80274786	LGG GBM
39504	CD7	17	80274786	Proneural
39505	CD7	17	80274843	bladder
39506	OGFOD3	17	80361889	melanoma
39507	HEXDC	17	80382303	melanoma
39508	NARF	17	80438982	melanoma
39509	FOXK2	17	80545014	melanoma
39510	FOXK2	17	80545014	melanoma
39511	FOXK2	17	80545014	melanoma
39512	FOXK2	17	80545014	melanoma
39513	WDR45B	17	80588857	melanoma
39514	RAB40B	17	80615851	melanoma
39515	RAB40B	17	80615851	melanoma
39516	TBCD	17	80726422	melanoma
39517	ZNF750	17	80790204	melanoma
39518	THOC1	18	225100	Gbm
39519	THOC1	18	225100	IDHwt
39520	THOC1	18	225100	IDHwt_priGBM
39521	THOC1	18	225100	LGG GBM
39522	THOC1	18	225100	Mesenchymal_like
39523	COLEC12	18	334801	Gbm
39524	COLEC12	18	334801	GCIMP_high
39525	COLEC12	18	334801	IDHmut
39526	COLEC12	18	334801	IDHmut_noncodel
39527	COLEC12	18	334801	LGG GBM
39528	COLEC12	18	357465	melanoma
39529	CLUL1	18	627475	bladder
39530	YES1	18	756634	melanoma
39531	YES1	18	756634	melanoma
39532	NDC80	18	2575037	hnsc
39533	NDC80	18	2575037	hnsc
39534	NDC80	18	2589220	melanoma
39535	NDC80	18	2589220	melanoma
39536	SMCHD1	18	2697877	melanoma
39537	SMCHD1	18	2700798	melanoma
39538	SMCHD1	18	2700844	Gbm
39539	SMCHD1	18	2700844	IDHwt
39540	SMCHD1	18	2700844	IDHwt_priGBM
39541	SMCHD1	18	2700844	LGG GBM
39542	SMCHD1	18	2700844	Mesenchymal
39543	SMCHD1	18	2700844	Mesenchymal_like
39544	SMCHD1	18	2705783	Gbm
39545	SMCHD1	18	2705783	IDHwt
39546	SMCHD1	18	2705783	IDHwt_priGBM
39547	SMCHD1	18	2705783	LGG GBM
39548	SMCHD1	18	2705783	Mesenchymal
39549	SMCHD1	18	2739443	melanoma
39550	LPIN2	18	2931373	melanoma
39551	LPIN2	18	2940655	melanoma
39552	LPIN2	18	2940655	melanoma
39553	MYOM1	18	3079257	melanoma
39554	MYOM1	18	3116487	melanoma
39555	MYOM1	18	3134655	melanoma

39556	MYOM1	18	3134669	Gbm
39557	MYOM1	18	3134669	IDHwt
39558	MYOM1	18	3134669	IDHwt_priGBM
39559	MYOM1	18	3134669	LGG GBM
39560	MYOM1	18	3134669	Mesenchymal
39561	MYOM1	18	3134759	melanoma
39562	MYOM1	18	3164368	melanoma
39563	MYOM1	18	3164368	melanoma
39564	MYOM1	18	3168875	melanoma
39565	MYOM1	18	3168962	melanoma
39566	DLGAP1	18	3581905	melanoma
39567	DLGAP1	18	3729341	melanoma
39568	DLGAP1	18	3879797	melanoma
39569	ZBTB14	18	5291231	Astr
39570	ZBTB14	18	5291231	GCIMP_high
39571	ZBTB14	18	5291231	IDHmut
39572	ZBTB14	18	5291231	IDHmut_noncodel
39573	ZBTB14	18	5291231	LGG GBM
39574	ZBTB14	18	5291231	Neural
39575	EPB41L3	18	5395618	melanoma
39576	EPB41L3	18	5428401	Classic_like
39577	EPB41L3	18	5428401	Gbm
39578	EPB41L3	18	5428401	IDHwt
39579	EPB41L3	18	5428401	IDHwt_priGBM
39580	EPB41L3	18	5428401	LGG GBM
39581	EPB41L3	18	5428401	Mesenchymal
39582	L3MBTL4	18	5969394	melanoma
39583	ARHGAP28	18	6894871	melanoma
39584	ARHGAP28	18	6894871	melanoma
39585	ARHGAP28	18	6896538	melanoma
39586	ARHGAP28	18	6896556	melanoma
39587	ARHGAP28	18	6896589	melanoma
39588	LAMA1	18	6942202	melanoma
39589	LAMA1	18	6943392	melanoma
39590	LAMA1	18	6961975	melanoma
39591	LAMA1	18	6961975	melanoma
39592	LAMA1	18	6961975	melanoma
39593	LAMA1	18	6961975	melanoma
39594	LAMA1	18	6978363	melanoma
39595	LAMA1	18	6985300	Classic
39596	LAMA1	18	6985300	Classic_like
39597	LAMA1	18	6985300	Gbm
39598	LAMA1	18	6985300	IDHwt
39599	LAMA1	18	6985300	IDHwt_priGBM
39600	LAMA1	18	6985300	LGG GBM
39601	LAMA1	18	6985310	Astr
39602	LAMA1	18	6985310	Classic
39603	LAMA1	18	6985310	Classic_like
39604	LAMA1	18	6985310	IDHwt
39605	LAMA1	18	6985310	LGG GBM
39606	LRR30	18	7231386	Classic
39607	LRR30	18	7231386	Classic
39608	LRR30	18	7231386	Classic_like
39609	LRR30	18	7231386	Classic_like
39610	LRR30	18	7231386	Gbm
39611	LRR30	18	7231386	Gbm
39612	LRR30	18	7231386	LGG GBM
39613	LRR30	18	7231386	LGG GBM

39614	LRRC30	18	7231399	melanoma
39615	LRRC30	18	7231759	Classic_like
39616	LRRC30	18	7231759	Gbm
39617	LRRC30	18	7231759	IDHwt
39618	LRRC30	18	7231759	IDHwt_priGBM
39619	LRRC30	18	7231759	LGG GBM
39620	LRRC30	18	7231759	Mesenchymal
39621	LRRC30	18	7231804	melanoma
39622	LRRC30	18	7231804	melanoma
39623	PTPRM	18	7567836	melanoma
39624	MTCL1	18	8784732	melanoma
39625	MTCL1	18	8784783	melanoma
39626	MTCL1	18	8784783	melanoma
39627	MTCL1	18	8784783	melanoma
39628	MTCL1	18	8793006	melanoma
39629	MTCL1	18	8819226	melanoma
39630	ANKRD12	18	9208709	melanoma
39631	ANKRD12	18	9211692	melanoma
39632	ANKRD12	18	9256284	hnscc
39633	ANKRD12	18	9256905	melanoma
39634	ANKRD12	18	9256909	melanoma
39635	TWSG1	18	9337252	melanoma
39636	TWSG1	18	9337252	melanoma
39637	RALBP1	18	9533426	melanoma
39638	PPP4R1	18	9550364	melanoma
39639	PPP4R1	18	9550364	melanoma
39640	PPP4R1	18	9550364	melanoma
39641	PPP4R1	18	9577070	bladder
39642	PPP4R1	18	9593777	melanoma
39643	NAPG	18	10550179	bladder
39644	PIEZO2	18	10689744	melanoma
39645	PIEZO2	18	10696150	melanoma
39646	PIEZO2	18	10696488	melanoma
39647	PIEZO2	18	10696488	melanoma
39648	PIEZO2	18	10696488	melanoma
39649	PIEZO2	18	10696494	lung
39650	PIEZO2	18	10744222	bladder
39651	PIEZO2	18	10750142	lung
39652	PIEZO2	18	10750142	lung
39653	PIEZO2	18	10750142	lung
39654	ANKRD62	18	12126311	melanoma
39655	AFG3L2	18	12329652	melanoma
39656	AFG3L2	18	12356814	Classic
39657	AFG3L2	18	12356814	Gbm
39658	AFG3L2	18	12356814	LGG GBM
39659	AFG3L2	18	12356814	Mesenchymal_like
39660	AFG3L2	18	12367106	melanoma
39661	PSMG2	18	12706553	melanoma
39662	PSMG2	18	12724511	lung
39663	PSMG2	18	12724574	melanoma
39664	CEP192	18	13053001	melanoma
39665	CEP192	18	13056007	bladder
39666	CEP192	18	13059273	melanoma
39667	CEP192	18	13087178	melanoma
39668	CEP192	18	13099507	melanoma
39669	LDLRAD4	18	13645490	melanoma
39670	RNMT	18	13742638	melanoma
39671	MC5R	18	13826447	Classic

39672	MC5R	18	13826447	Classic_like
39673	MC5R	18	13826447	Gbm
39674	MC5R	18	13826447	IDHwt
39675	MC5R	18	13826447	IDHwt_priGBM
39676	MC5R	18	13826447	LGG GBM
39677	MC5R	18	13826480	melanoma
39678	MC2R	18	13884689	IDHwt_priGBM2
39679	POTEC	18	14511935	melanoma
39680	POTEC	18	14511935	melanoma
39681	POTEC	18	14534904	melanoma
39682	POTEC	18	14542627	hnsc
39683	ANKRD30B	18	14840629	lung
39684	ANKRD30B	18	14851571	melanoma
39685	ROCK1	18	18534783	melanoma
39686	ROCK1	18	18534783	melanoma
39687	GREB1L	18	19098188	bladder
39688	ESCO1	18	19112440	Classic
39689	ESCO1	18	19112440	IDHwt
39690	ESCO1	18	19112440	LGG GBM
39691	ESCO1	18	19112440	Mesenchymal_like
39692	ESCO1	18	19112440	OligoAstr
39693	ABHD3	18	19283692	Classic_like
39694	ABHD3	18	19283692	Gbm
39695	ABHD3	18	19283692	IDHwt
39696	ABHD3	18	19283692	IDHwt_priGBM
39697	ABHD3	18	19283692	LGG GBM
39698	MIB1	18	19378145	melanoma
39699	MIB1	18	19378145	melanoma
39700	MIB1	18	19424062	melanoma
39701	CTAGE1	18	19995577	melanoma
39702	CTAGE1	18	19995883	melanoma
39703	CTAGE1	18	19995886	melanoma
39704	CTAGE1	18	19995886	melanoma
39705	CTAGE1	18	19997006	melanoma
39706	TMEM241	18	20889650	Classic
39707	TMEM241	18	20889650	Classic
39708	TMEM241	18	20889650	Gbm
39709	TMEM241	18	20889650	Gbm
39710	TMEM241	18	20889650	IDHwt
39711	TMEM241	18	20889650	IDHwt
39712	TMEM241	18	20889650	IDHwt_priGBM
39713	TMEM241	18	20889650	IDHwt_priGBM
39714	TMEM241	18	20889650	LGG GBM
39715	TMEM241	18	20889650	LGG GBM
39716	TMEM241	18	20889650	Mesenchymal_like
39717	TMEM241	18	20889650	Mesenchymal_like
39718	C18orf8	18	21110020	melanoma
39719	NPC1	18	21118534	lung
39720	NPC1	18	21121352	melanoma
39721	NPC1	18	21148954	melanoma
39722	NPC1	18	21148954	melanoma
39723	LAMA3	18	21404393	melanoma
39724	LAMA3	18	21404393	melanoma
39725	LAMA3	18	21413861	melanoma
39726	LAMA3	18	21453016	melanoma
39727	LAMA3	18	21501525	melanoma
39728	LAMA3	18	21511114	Classic_like
39729	LAMA3	18	21511114	Gbm

39730	LAMA3	18	21511114	IDHwt
39731	LAMA3	18	21511114	IDHwt_priGBM
39732	LAMA3	18	21511114	LGG GBM
39733	LAMA3	18	21511155	melanoma
39734	LAMA3	18	21511155	melanoma
39735	LAMA3	18	21513817	hnscc
39736	LAMA3	18	21513817	hnscc
39737	LAMA3	18	21513817	hnscc
39738	LAMA3	18	21523823	melanoma
39739	LAMA3	18	21523823	melanoma
39740	LAMA3	18	21523849	melanoma
39741	LAMA3	18	21529838	melanoma
39742	TTC39C	18	21662909	bladder
39743	CABYR	18	21735868	melanoma
39744	OSBPL1A	18	21746630	hnscc
39745	IMPACT	18	22008870	melanoma
39746	HRH4	18	22057174	melanoma
39747	HRH4	18	22057174	melanoma
39748	ZNF521	18	22805969	Astr
39749	ZNF521	18	22805969	Classic
39750	ZNF521	18	22805969	IDHwt
39751	ZNF521	18	22805969	LGG GBM
39752	ZNF521	18	22805969	Mesenchymal_like
39753	ZNF521	18	22902011	melanoma
39754	PSMA8	18	23724527	melanoma
39755	TAF4B	18	23854726	melanoma
39756	AQP4	18	24441126	melanoma
39757	CDH2	18	25565543	melanoma
39758	CDH2	18	25565543	melanoma
39759	CDH2	18	25616436	lung
39760	DSC3	18	28584110	melanoma
39761	DSC3	18	28598687	Gbm
39762	DSC3	18	28598687	Gbm
39763	DSC3	18	28598687	IDHwt
39764	DSC3	18	28598687	IDHwt
39765	DSC3	18	28598687	IDHwt_priGBM
39766	DSC3	18	28598687	IDHwt_priGBM
39767	DSC3	18	28598687	LGG GBM
39768	DSC3	18	28598687	LGG GBM
39769	DSC3	18	28598738	melanoma
39770	DSC3	18	28604330	melanoma
39771	DSC3	18	28604330	melanoma
39772	DSC2	18	28659892	Classic_like
39773	DSC2	18	28659892	Gbm
39774	DSC2	18	28659892	IDHwt
39775	DSC2	18	28659892	IDHwt_priGBM
39776	DSC2	18	28659892	LGG GBM
39777	DSC2	18	28659892	Proneural
39778	DSC1	18	28722032	melanoma
39779	DSC1	18	28725576	melanoma
39780	DSC1	18	28725680	melanoma
39781	DSG1	18	28909991	melanoma
39782	DSG1	18	28909991	melanoma
39783	DSG1	18	28911795	melanoma
39784	DSG1	18	28913648	IDHwt
39785	DSG1	18	28913648	LGG GBM
39786	DSG1	18	28913648	Mesenchymal
39787	DSG1	18	28913648	Mesenchymal_like

39788	DSG1	18	28913675	melanoma
39789	DSG1	18	28914104	melanoma
39790	DSG1	18	28916339	melanoma
39791	DSG1	18	28916471	melanoma
39792	DSG1	18	28918288	melanoma
39793	DSG1	18	28919971	melanoma
39794	DSG1	18	28919971	melanoma
39795	DSG1	18	28919986	melanoma
39796	DSG1	18	28934690	melanoma
39797	DSG1	18	28935212	melanoma
39798	DSG1	18	28935212	melanoma
39799	DSG1	18	28935251	melanoma
39800	DSG4	18	28968390	melanoma
39801	DSG4	18	28968937	Gbm
39802	DSG4	18	28968937	Gbm
39803	DSG4	18	28968937	IDHwt
39804	DSG4	18	28968937	IDHwt
39805	DSG4	18	28968937	IDHwt_priGBM
39806	DSG4	18	28968937	IDHwt_priGBM
39807	DSG4	18	28968937	LGG GBM
39808	DSG4	18	28968937	LGG GBM
39809	DSG4	18	28968937	Mesenchymal
39810	DSG4	18	28968937	Mesenchymal
39811	DSG4	18	28968937	Mesenchymal_like
39812	DSG4	18	28968937	Mesenchymal_like
39813	DSG4	18	28970666	melanoma
39814	DSG4	18	28979385	melanoma
39815	DSG4	18	28979419	melanoma
39816	DSG4	18	28979491	melanoma
39817	DSG4	18	28979491	melanoma
39818	DSG4	18	28993214	melanoma
39819	DSG4	18	28993484	Gbm
39820	DSG4	18	28993484	IDHwt
39821	DSG4	18	28993484	IDHwt_priGBM
39822	DSG4	18	28993484	LGG GBM
39823	DSG4	18	28993484	Mesenchymal
39824	DSG4	18	28993484	Mesenchymal_like
39825	DSG3	18	29038448	melanoma
39826	DSG3	18	29038448	melanoma
39827	DSG3	18	29038477	Astr
39828	DSG3	18	29038477	IDHwt
39829	DSG3	18	29038477	LGG GBM
39830	DSG3	18	29038477	Mesenchymal_like
39831	DSG3	18	29044209	melanoma
39832	DSG3	18	29046676	melanoma
39833	DSG3	18	29046676	melanoma
39834	DSG3	18	29046676	melanoma
39835	DSG3	18	29055939	melanoma
39836	DSG3	18	29056077	melanoma
39837	DSG2	18	29104421	lung
39838	DSG2	18	29118734	bladder
39839	DSG2	18	29118887	melanoma
39840	DSG2	18	29126141	Astr
39841	DSG2	18	29126141	GCIMP_high
39842	DSG2	18	29126141	IDHmut
39843	DSG2	18	29126141	IDHmut_noncodel
39844	DSG2	18	29126141	LGG GBM
39845	DSG2	18	29126141	Neural

39846	TTR	18	29172872	melanoma
39847	SLC25A52	18	29339759	melanoma
39848	SLC25A52	18	29339759	melanoma
39849	MEP1B	18	29793280	melanoma
39850	MEP1B	18	29797786	melanoma
39851	GAREM1	18	29867827	bladder
39852	KLHL14	18	30260273	melanoma
39853	CCDC178	18	30804804	melanoma
39854	CCDC178	18	30950088	melanoma
39855	ASXL3	18	31311936	melanoma
39856	ASXL3	18	31314301	melanoma
39857	ASXL3	18	31320399	melanoma
39858	ASXL3	18	31320399	melanoma
39859	ASXL3	18	31323315	melanoma
39860	ASXL3	18	31323474	melanoma
39861	ASXL3	18	31323474	melanoma
39862	ASXL3	18	31323549	melanoma
39863	ASXL3	18	31323549	melanoma
39864	ASXL3	18	31324064	melanoma
39865	ASXL3	18	31324281	melanoma
39866	ASXL3	18	31324281	melanoma
39867	ASXL3	18	31324440	melanoma
39868	ASXL3	18	31324440	melanoma
39869	ASXL3	18	31325321	melanoma
39870	ASXL3	18	31325813	melanoma
39871	NOL4	18	31599388	melanoma
39872	DTNA	18	32391991	melanoma
39873	DTNA	18	32455222	melanoma
39874	MAPRE2	18	32677539	Astr
39875	MAPRE2	18	32677539	Astr
39876	MAPRE2	18	32677539	IDHwt
39877	MAPRE2	18	32677539	IDHwt
39878	MAPRE2	18	32677539	LGG GBM
39879	MAPRE2	18	32677539	LGG GBM
39880	MAPRE2	18	32677539	Mesenchymal
39881	MAPRE2	18	32677539	Mesenchymal
39882	MAPRE2	18	32677539	PA_like
39883	MAPRE2	18	32677539	PA_like
39884	ZNF397;ZSCAN3C	18	32834327	melanoma
39885	ZSCAN30	18	32843595	lung
39886	ZNF396	18	32954010	melanoma
39887	INO80C	18	33077799	melanoma
39888	ELP2	18	33709907	melanoma
39889	ELP2	18	33709907	melanoma
39890	ELP2	18	33747066	melanoma
39891	ELP2	18	33747066	melanoma
39892	ELP2	18	33747066	melanoma
39893	MOCOS	18	33785045	melanoma
39894	MOCOS	18	33785045	melanoma
39895	MOCOS	18	33795561	melanoma
39896	FHOD3	18	33935552	lung
39897	FHOD3	18	34349267	melanoma
39898	TPGS2	18	34380170	lung
39899	TPGS2	18	34398933	melanoma
39900	CELF4	18	34850797	melanoma
39901	PIK3C3	18	39567798	melanoma
39902	RIT2	18	40323568	lung
39903	RIT2	18	40323574	melanoma

39904	RIT2	18	40503621	lung
39905	RIT2	18	40503627	melanoma
39906	RIT2	18	40613799	lung
39907	RIT2	18	40695397	melanoma
39908	RIT2	18	40695397	melanoma
39909	SYT4	18	40850350	melanoma
39910	SYT4	18	40850436	melanoma
39911	SYT4	18	40853601	melanoma
39912	SETBP1	18	42530081	melanoma
39913	SETBP1	18	42530993	melanoma
39914	SETBP1	18	42530993	melanoma
39915	SLC14A2	18	43217004	melanoma
39916	SLC14A2	18	43217136	melanoma
39917	SLC14A2	18	43217136	melanoma
39918	SLC14A1	18	43310353	Classic
39919	SLC14A1	18	43310353	Classic_like
39920	SLC14A1	18	43310353	Gbm
39921	SLC14A1	18	43310353	IDHwt
39922	SLC14A1	18	43310353	IDHwt_priGBM
39923	SLC14A1	18	43310353	LGG GBM
39924	SLC14A1	18	43310353	melanoma
39925	EPG5	18	43440239	melanoma
39926	EPG5	18	43496146	melanoma
39927	EPG5	18	43496146	melanoma
39928	EPG5	18	43496146	melanoma
39929	EPG5	18	43496146	melanoma
39930	EPG5	18	43532531	melanoma
39931	EPG5	18	43534467	Astr
39932	EPG5	18	43534467	GCIMP_high
39933	EPG5	18	43534467	IDHmut
39934	EPG5	18	43534467	IDHmut_noncodel
39935	EPG5	18	43534467	LGG GBM
39936	EPG5	18	43534644	melanoma
39937	EPG5	18	43534644	melanoma
39938	RNF165	18	44013242	melanoma
39939	RNF165	18	44030326	melanoma
39940	RNF165	18	44030326	melanoma
39941	LOXHD1	18	44057738	lung
39942	LOXHD1	18	44089721	lung
39943	LOXHD1	18	44140091	melanoma
39944	ST8SIA5	18	44260450	lung
39945	ST8SIA5	18	44260450	lung
39946	ST8SIA5	18	44262005	hnsc
39947	ST8SIA5	18	44262005	hnsc
39948	ST8SIA5	18	44284563	melanoma
39949	PIAS2	18	44401000	melanoma
39950	PIAS2	18	44401000	melanoma
39951	PIAS2	18	44401004	melanoma
39952	ELOA3B;TCEB3C	18	44555154	melanoma
39953	ELOA3B;TCEB3C	18	44555292	melanoma
39954	ELOA2	18	44560138	melanoma
39955	ELOA2	18	44560959	melanoma
39956	ELOA2	18	44561569	melanoma
39957	KATNAL2	18	44595619	melanoma
39958	KATNAL2	18	44595619	melanoma
39959	ZBTB7C	18	45566797	melanoma
39960	CTIF	18	46284511	Classic
39961	CTIF	18	46284511	Classic_like

39962	CTIF	18	46284511	IDHwt
39963	CTIF	18	46284511	LGG GBM
39964	CTIF	18	46284511	OligoAstr
39965	SMAD7	18	46448090	bladder
39966	LIPG	18	47101837	Classic
39967	LIPG	18	47101837	Gbm
39968	LIPG	18	47101837	IDHwt
39969	LIPG	18	47101837	IDHwt_priGBM
39970	LIPG	18	47101837	LGG GBM
39971	LIPG	18	47101837	Mesenchymal_like
39972	ACAA2	18	47329202	Astr
39973	ACAA2	18	47329202	Classic
39974	ACAA2	18	47329202	Classic_like
39975	ACAA2	18	47329202	IDHwt
39976	ACAA2	18	47329202	LGG GBM
39977	MYO5B	18	47404179	melanoma
39978	MYO5B	18	47527692	melanoma
39979	MYO5B	18	47566657	Codel
39980	MYO5B	18	47566657	IDHmut
39981	MYO5B	18	47566657	IDHmut_codel
39982	MYO5B	18	47566657	LGG GBM
39983	MYO5B	18	47566657	Oligo
39984	MYO5B	18	47566657	Proneural
39985	MYO5B	18	47581646	melanoma
39986	MAPK4	18	48190344	melanoma
39987	MAPK4	18	48190450	melanoma
39988	MAPK4	18	48190450	melanoma
39989	MAPK4	18	48190491	melanoma
39990	MAPK4	18	48252373	melanoma
39991	MAPK4	18	48252373	melanoma
39992	ME2	18	48447117	melanoma
39993	ELAC1	18	48510675	melanoma
39994	ELAC1	18	48513268	melanoma
39995	SMAD4	18	48591825	lung
39996	DCC	18	49867182	melanoma
39997	DCC	18	49867182	melanoma
39998	DCC	18	49867182	melanoma
39999	DCC	18	50589702	melanoma
40000	DCC	18	50589702	melanoma
40001	DCC	18	50734133	melanoma
40002	DCC	18	50831993	melanoma
40003	DCC	18	50918102	melanoma
40004	DCC	18	50929165	melanoma
40005	DCC	18	50929165	melanoma
40006	DCC	18	50929165	melanoma
40007	DCC	18	50929165	melanoma
40008	DCC	18	50936878	melanoma
40009	DCC	18	50994309	melanoma
40010	DCC	18	50994312	melanoma
40011	POLI	18	51809324	Classic
40012	POLI	18	51809324	Gbm
40013	POLI	18	51809324	IDHwt
40014	POLI	18	51809324	IDHwt_priGBM
40015	POLI	18	51809324	LGG GBM
40016	POLI	18	51809324	Mesenchymal_like
40017	STARD6	18	51851145	melanoma
40018	STARD6	18	51851145	melanoma
40019	CCDC68	18	52571623	melanoma

40020	CCDC68	18	52586540	melanoma
40021	CCDC68	18	52586540	melanoma
40022	CCDC68	18	52586558	melanoma
40023	CCDC68	18	52586558	melanoma
40024	CCDC68	18	52602091	Codel
40025	CCDC68	18	52602091	IDHmut
40026	CCDC68	18	52602091	IDHmut_codel
40027	CCDC68	18	52602091	LGG GBM
40028	CCDC68	18	52602091	Neural
40029	CCDC68	18	52602091	Oligo
40030	TCF4	18	52901799	melanoma
40031	TCF4	18	52901907	melanoma
40032	TCF4	18	52901907	melanoma
40033	WDR7	18	54339772	melanoma
40034	WDR7	18	54362331	melanoma
40035	WDR7	18	54606611	melanoma
40036	WDR7	18	54606611	melanoma
40037	ST8SIA3	18	55024492	IDHwt_priGBM2
40038	ST8SIA3	18	55024677	melanoma
40039	ONECUT2	18	55103358	Classic
40040	ONECUT2	18	55103358	Gbm
40041	ONECUT2	18	55103358	IDHwt
40042	ONECUT2	18	55103358	IDHwt_priGBM
40043	ONECUT2	18	55103358	LGG GBM
40044	ONECUT2	18	55103358	Mesenchymal_like
40045	ONECUT2	18	55103576	melanoma
40046	ONECUT2	18	55103576	melanoma
40047	ONECUT2	18	55143819	melanoma
40048	FECH	18	55218039	melanoma
40049	FECH	18	55253789	lung
40050	ALPK2	18	56196378	melanoma
40051	ALPK2	18	56204978	lung
40052	ZNF532	18	56587240	melanoma
40053	ZNF532	18	56587257	Classic
40054	ZNF532	18	56587257	Classic
40055	ZNF532	18	56587257	Classic_like
40056	ZNF532	18	56587257	Classic_like
40057	ZNF532	18	56587257	Gbm
40058	ZNF532	18	56587257	Gbm
40059	ZNF532	18	56587257	IDHwt
40060	ZNF532	18	56587257	IDHwt
40061	ZNF532	18	56587257	IDHwt_priGBM
40062	ZNF532	18	56587257	IDHwt_priGBM
40063	ZNF532	18	56587257	LGG GBM
40064	ZNF532	18	56587257	LGG GBM
40065	SEC11C	18	56824848	melanoma
40066	SEC11C	18	56824848	melanoma
40067	SEC11C	18	56824848	melanoma
40068	LMAN1	18	57026283	melanoma
40069	LMAN1	18	57026283	melanoma
40070	MC4R	18	58039170	bladder
40071	MC4R	18	58039170	bladder
40072	CDH20	18	59221482	melanoma
40073	RNF152	18	59483353	melanoma
40074	PIGN	18	59807678	melanoma
40075	KIAA1468	18	59888716	melanoma
40076	TNFRSF11A	18	60025550	Gbm
40077	TNFRSF11A	18	60025550	Gbm

40078	TNFRSF11A	18	60025550	IDHwt
40079	TNFRSF11A	18	60025550	IDHwt
40080	TNFRSF11A	18	60025550	IDHwt_priGBM
40081	TNFRSF11A	18	60025550	IDHwt_priGBM
40082	TNFRSF11A	18	60025550	LGG GBM
40083	TNFRSF11A	18	60025550	LGG GBM
40084	TNFRSF11A	18	60025550	Mesenchymal_like
40085	TNFRSF11A	18	60025550	Mesenchymal_like
40086	TNFRSF11A	18	60025550	Neural
40087	TNFRSF11A	18	60025550	Neural
40088	ZCCHC2	18	60242058	melanoma
40089	ZCCHC2	18	60242058	melanoma
40090	ZCCHC2	18	60242058	melanoma
40091	ZCCHC2	18	60242418	melanoma
40092	PHLPP1	18	60608971	bladder
40093	PHLPP1	18	60645586	melanoma
40094	BCL2	18	60985607	melanoma
40095	SERPINB5	18	61154255	melanoma
40096	SERPINB12	18	61223418	melanoma
40097	SERPINB12	18	61232706	Classic_like
40098	SERPINB12	18	61232706	Gbm
40099	SERPINB12	18	61232706	IDHwt
40100	SERPINB12	18	61232706	IDHwt_priGBM
40101	SERPINB12	18	61232706	LGG GBM
40102	SERPINB12	18	61232706	Proneural
40103	SERPINB13	18	61255987	melanoma
40104	SERPINB13	18	61256040	bladder
40105	SERPINB13	18	61261657	melanoma
40106	SERPINB13	18	61264593	melanoma
40107	SERPINB13	18	61264593	melanoma
40108	SERPINB4	18	61305105	melanoma
40109	SERPINB4	18	61306511	melanoma
40110	SERPINB4	18	61309061	melanoma
40111	SERPINB4	18	61309110	melanoma
40112	SERPINB4	18	61309110	melanoma
40113	SERPINB3	18	61322974	melanoma
40114	SERPINB3	18	61323094	Codel
40115	SERPINB3	18	61323094	IDHmut
40116	SERPINB3	18	61323094	IDHmut_codel
40117	SERPINB3	18	61323094	LGG GBM
40118	SERPINB3	18	61323094	OligoAstr
40119	SERPINB3	18	61325797	melanoma
40120	SERPINB3	18	61325797	melanoma
40121	SERPINB7	18	61449634	melanoma
40122	SERPINB7	18	61449685	Classic
40123	SERPINB7	18	61449685	Classic_like
40124	SERPINB7	18	61449685	IDHwt
40125	SERPINB7	18	61449685	LGG GBM
40126	SERPINB7	18	61449685	Oligo
40127	SERPINB7	18	61449736	Astr
40128	SERPINB7	18	61449736	Classic
40129	SERPINB7	18	61449736	IDHwt
40130	SERPINB7	18	61449736	LGG GBM
40131	SERPINB7	18	61449736	Mesenchymal_like
40132	SERPINB7	18	61460458	melanoma
40133	SERPINB7	18	61468107	lung
40134	SERPINB10	18	61585311	melanoma
40135	SERPINB10	18	61585331	melanoma

40136	SERPINB10	18	61600336	melanoma
40137	SERPINB10	18	61602138	melanoma
40138	SERPINB8	18	61649013	melanoma
40139	SERPINB8	18	61649048	Astr
40140	SERPINB8	18	61649048	Classic
40141	SERPINB8	18	61649048	IDHwt
40142	SERPINB8	18	61649048	LGG GBM
40143	SERPINB8	18	61649048	Mesenchymal_like
40144	CDH7	18	63481814	lung
40145	CDH19	18	64202229	melanoma
40146	CDH19	18	64211305	melanoma
40147	CDH19	18	64218345	Classic
40148	CDH19	18	64218345	Classic_like
40149	CDH19	18	64218345	Gbm
40150	CDH19	18	64218345	IDHwt
40151	CDH19	18	64218345	IDHwt_priGBM
40152	CDH19	18	64218345	LGG GBM
40153	CDH19	18	64239284	melanoma
40154	CDH19	18	64239284	melanoma
40155	CDH19	18	64239284	melanoma
40156	DSEL	18	65178236	melanoma
40157	DSEL	18	65181103	Gbm
40158	DSEL	18	65181103	IDHwt
40159	DSEL	18	65181103	IDHwt_priGBM
40160	DSEL	18	65181103	LGG GBM
40161	DSEL	18	65181103	Mesenchymal
40162	DSEL	18	65181103	Mesenchymal_like
40163	DSEL	18	65181863	melanoma
40164	CCDC102B	18	66504034	melanoma
40165	CCDC102B	18	66504073	melanoma
40166	DOK6	18	67231792	melanoma
40167	DOK6	18	67231792	melanoma
40168	DOK6	18	67266704	melanoma
40169	CD226	18	67540447	melanoma
40170	CD226	18	67562970	melanoma
40171	CD226	18	67614234	melanoma
40172	RTTN	18	67684835	melanoma
40173	RTTN	18	67687922	melanoma
40174	RTTN	18	67687922	melanoma
40175	RTTN	18	67725057	melanoma
40176	RTTN	18	67801754	melanoma
40177	RTTN	18	67836258	melanoma
40178	RTTN	18	67844045	melanoma
40179	CBLN2	18	70205574	melanoma
40180	CBLN2	18	70205574	melanoma
40181	NETO1	18	70417487	melanoma
40182	NETO1	18	70417789	melanoma
40183	NETO1	18	70451056	melanoma
40184	NETO1	18	70451056	melanoma
40185	NETO1	18	70451123	melanoma
40186	NETO1	18	70461363	melanoma
40187	NETO1	18	70461363	melanoma
40188	NETO1	18	70461399	melanoma
40189	NETO1	18	70461399	melanoma
40190	NETO1	18	70526300	GCIMP_high
40191	NETO1	18	70526300	IDHmut
40192	NETO1	18	70526300	IDHmut_noncodel
40193	NETO1	18	70526300	LGG GBM

40194	NETO1	18	70526300	Mesenchymal
40195	FBXO15	18	71796772	melanoma
40196	FBXO15	18	71796772	melanoma
40197	FBXO15	18	71796772	melanoma
40198	FBXO15	18	71797690	melanoma
40199	FBXO15	18	71797690	melanoma
40200	CNDP2	18	72176113	melanoma
40201	ZNF407	18	72347516	lung
40202	ZADH2	18	72913886	bladder
40203	ZADH2	18	72913886	bladder
40204	ZADH2	18	72913886	bladder
40205	ZADH2	18	72920925	melanoma
40206	TSHZ1	18	72997547	melanoma
40207	TSHZ1	18	72997547	melanoma
40208	TSHZ1	18	72998326	melanoma
40209	TSHZ1	18	72999203	melanoma
40210	ZNF516	18	74091275	Gbm
40211	ZNF516	18	74091275	IDHwt
40212	ZNF516	18	74091275	IDHwt_priGBM
40213	ZNF516	18	74091275	LGG GBM
40214	ZNF516	18	74091275	Mesenchymal
40215	ZNF516	18	74091275	Mesenchymal_like
40216	ZNF516	18	74091615	melanoma
40217	ZNF516	18	74153908	melanoma
40218	ZNF236	18	74580804	melanoma
40219	ZNF236	18	74631842	lung
40220	GALR1	18	74962799	lung
40221	GALR1	18	74962799	lung
40222	GALR1	18	74980634	melanoma
40223	GALR1	18	74980650	melanoma
40224	GALR1	18	74980725	lung
40225	SALL3	18	76753193	Classic_like
40226	SALL3	18	76753193	Gbm
40227	SALL3	18	76753193	IDHwt
40228	SALL3	18	76753193	IDHwt_priGBM
40229	SALL3	18	76753193	LGG GBM
40230	SALL3	18	76753475	melanoma
40231	SALL3	18	76753763	melanoma
40232	SALL3	18	76753763	melanoma
40233	SALL3	18	76753763	melanoma
40234	ATP9B	18	77105813	lung
40235	ATP9B	18	77105813	lung
40236	ATP9B	18	77134009	melanoma
40237	KCNG2	18	77623926	bladder
40238	TXNL4A	18	77737623	melanoma
40239	RBFA	18	77798560	melanoma
40240	RBFA	18	77798560	melanoma
40241	ADNP2	18	77894630	melanoma
40242	ADNP2	18	77894791	melanoma
40243	ADNP2	18	77895757	lung
40244	ADNP2	18	77895766	melanoma
40245	ADNP2	18	77895766	melanoma
40246	ADNP2	18	77895776	melanoma
40247	PARD6G	18	77960721	melanoma
40248	PARD6G	18	77960721	melanoma
40249	PLPP2	19	282141	melanoma
40250	MIER2	19	307462	melanoma
40251	MIER2	19	313632	Gbm

40252	MIER2	19	313632	IDHwt
40253	MIER2	19	313632	IDHwt_priGBM
40254	MIER2	19	313632	LGG GBM
40255	MIER2	19	313632	Mesenchymal_like
40256	C2CD4C	19	407350	lung
40257	SHC2	19	422394	melanoma
40258	CDC34	19	535886	Codel
40259	CDC34	19	535886	IDHmut
40260	CDC34	19	535886	IDHmut_codel
40261	CDC34	19	535886	LGG GBM
40262	CDC34	19	535886	OligoAstr
40263	GZMM	19	547325	melanoma
40264	BSG	19	581456	GCIMP_high
40265	BSG	19	581456	IDHmut
40266	BSG	19	581456	IDHmut_noncodel
40267	BSG	19	581456	LGG GBM
40268	BSG	19	581456	OligoAstr
40269	BSG	19	581456	Proneural
40270	POLRMT	19	621242	Classic
40271	POLRMT	19	621242	IDHwt
40272	POLRMT	19	621242	LGG GBM
40273	POLRMT	19	621242	Mesenchymal_like
40274	POLRMT	19	621242	OligoAstr
40275	FGF22	19	643553	bladder
40276	PTBP1	19	806459	melanoma
40277	PTBP1	19	806459	melanoma
40278	PLPPR3	19	821523	melanoma
40279	AZU1	19	830874	melanoma
40280	MED16	19	875347	bladder
40281	MED16	19	877046	GCIMP_high
40282	MED16	19	877046	IDHmut
40283	MED16	19	877046	IDHmut_noncodel
40284	MED16	19	877046	LGG GBM
40285	MED16	19	877046	Mesenchymal
40286	MED16	19	877046	OligoAstr
40287	MED16	19	880025	melanoma
40288	MED16	19	881645	melanoma
40289	MED16	19	881645	melanoma
40290	R3HDM4	19	899643	melanoma
40291	R3HDM4	19	899643	melanoma
40292	ARID3A	19	929707	melanoma
40293	ARID3A	19	929707	melanoma
40294	ARID3A	19	964861	IDHwt_priGBM2
40295	ARID3A	19	965018	melanoma
40296	ARID3A	19	965018	melanoma
40297	ARID3A	19	965059	melanoma
40298	ARID3A	19	965059	melanoma
40299	GRIN3B	19	1003366	bladder
40300	GRIN3B	19	1005263	Codel
40301	GRIN3B	19	1005263	IDHmut
40302	GRIN3B	19	1005263	IDHmut_codel
40303	GRIN3B	19	1005263	LGG GBM
40304	GRIN3B	19	1005263	OligoAstr
40305	ABCA7	19	1043167	melanoma
40306	ABCA7	19	1046342	melanoma
40307	ABCA7	19	1054338	melanoma
40308	ABCA7	19	1057958	melanoma
40309	ABCA7	19	1057958	melanoma

40310	ARHGAP45	19	1066098	bladder
40311	ARHGAP45	19	1066104	bladder
40312	ARHGAP45	19	1080969	Gbm
40313	ARHGAP45	19	1080969	IDHwt
40314	ARHGAP45	19	1080969	IDHwt_priGBM
40315	ARHGAP45	19	1080969	LGG GBM
40316	ARHGAP45	19	1080969	Mesenchymal
40317	ARHGAP45	19	1080969	Mesenchymal_like
40318	SBNO2	19	1123972	melanoma
40319	STK11	19	1221975	lung
40320	CIRBP	19	1271361	melanoma
40321	MUM1	19	1364561	melanoma
40322	DAZAP1	19	1428854	hnscc
40323	APC2	19	1469855	lung
40324	C19orf25	19	1478786	lung
40325	ADAMTSL5	19	1508096	lung
40326	MBD3	19	1578509	melanoma
40327	ATP8B3	19	1785236	melanoma
40328	ATP8B3	19	1800316	melanoma
40329	REXO1	19	1828426	melanoma
40330	BTBD2	19	1987539	Astr
40331	BTBD2	19	1987539	Classic
40332	BTBD2	19	1987539	IDHwt
40333	BTBD2	19	1987539	LGG GBM
40334	BTBD2	19	1987539	Mesenchymal_like
40335	MOB3A	19	2078294	melanoma
40336	DOT1L	19	2213896	melanoma
40337	DOT1L	19	2222554	melanoma
40338	DOT1L	19	2226566	melanoma
40339	SF3A2	19	2247597	lung
40340	SF3A2	19	2248504	melanoma
40341	JSRP1	19	2252558	Gbm
40342	JSRP1	19	2252558	IDHwt
40343	JSRP1	19	2252558	IDHwt_priGBM
40344	JSRP1	19	2252558	LGG GBM
40345	JSRP1	19	2252558	Mesenchymal_like
40346	LINGO3	19	2290956	melanoma
40347	TMPRSS9	19	2413893	melanoma
40348	TMPRSS9	19	2422093	melanoma
40349	LMNB2	19	2431628	melanoma
40350	LMNB2	19	2432457	bladder
40351	LMNB2	19	2432457	bladder
40352	LMNB2	19	2432457	bladder
40353	LMNB2	19	2433894	Astr
40354	LMNB2	19	2433894	Astr
40355	LMNB2	19	2433894	Classic
40356	LMNB2	19	2433894	Classic
40357	LMNB2	19	2433894	Classic_like
40358	LMNB2	19	2433894	Classic_like
40359	LMNB2	19	2433894	IDHwt
40360	LMNB2	19	2433894	IDHwt
40361	LMNB2	19	2433894	LGG GBM
40362	LMNB2	19	2433894	LGG GBM
40363	LMNB2	19	2444529	Gbm
40364	LMNB2	19	2444529	GCIMP_high
40365	LMNB2	19	2444529	IDHmut
40366	LMNB2	19	2444529	IDHmut_noncodel
40367	LMNB2	19	2444529	LGG GBM

40368	SLC39A3	19	2737179	melanoma
40369	SGTA	19	2761472	bladder
40370	SGTA	19	2769009	melanoma
40371	ZNF554	19	2833912	Classic
40372	ZNF554	19	2833912	Gbm
40373	ZNF554	19	2833912	IDHwt
40374	ZNF554	19	2833912	IDHwt_priGBM
40375	ZNF554	19	2833912	LGG GBM
40376	ZNF554	19	2834236	Classic
40377	ZNF554	19	2834236	Classic_like
40378	ZNF554	19	2834236	Gbm
40379	ZNF554	19	2834236	IDHwt
40380	ZNF554	19	2834236	IDHwt_priGBM
40381	ZNF554	19	2834236	LGG GBM
40382	ZNF57	19	2916243	melanoma
40383	TLE2	19	3009604	melanoma
40384	TLE2	19	3009670	melanoma
40385	TLE2	19	3009670	melanoma
40386	TLE2	19	3013710	Classic_like
40387	TLE2	19	3013710	Gbm
40388	TLE2	19	3013710	IDHwt
40389	TLE2	19	3013710	IDHwt_priGBM
40390	TLE2	19	3013710	LGG GBM
40391	TLE2	19	3013710	Neural
40392	GNA11	19	3118942	melanoma
40393	GNA11	19	3118942	melanoma
40394	GNA11	19	3118942	melanoma
40395	GNA15	19	3157840	melanoma
40396	GNA15	19	3157840	melanoma
40397	GNA15	19	3162977	melanoma
40398	S1PR4	19	3179713	melanoma
40399	S1PR4	19	3179713	melanoma
40400	S1PR4	19	3179713	melanoma
40401	NFIC	19	3381723	hnsc
40402	FZR1	19	3526982	melanoma
40403	FZR1	19	3534464	bladder
40404	MFSD12	19	3557226	Classic_like
40405	MFSD12	19	3557226	Gbm
40406	MFSD12	19	3557226	IDHwt
40407	MFSD12	19	3557226	IDHwt_priGBM
40408	MFSD12	19	3557226	LGG GBM
40409	TBXA2R	19	3600278	melanoma
40410	TBXA2R	19	3600278	melanoma
40411	TBXA2R	19	3600565	bladder
40412	CACTIN	19	3612140	bladder
40413	PIP5K1C	19	3643289	melanoma
40414	TJP3	19	3730061	melanoma
40415	APBA3	19	3759564	Classic
40416	APBA3	19	3759564	Classic
40417	APBA3	19	3759564	Classic_like
40418	APBA3	19	3759564	Classic_like
40419	APBA3	19	3759564	Gbm
40420	APBA3	19	3759564	Gbm
40421	APBA3	19	3759564	IDHwt
40422	APBA3	19	3759564	IDHwt
40423	APBA3	19	3759564	IDHwt_priGBM
40424	APBA3	19	3759564	IDHwt_priGBM
40425	APBA3	19	3759564	LGG GBM

40426	APBA3	19	3759564	LGG GBM
40427	RAX2	19	3770948	lung
40428	RAX2	19	3770948	lung
40429	MATK	19	3779712	melanoma
40430	MATK	19	3779712	melanoma
40431	MATK	19	3779721	GCIMP_high
40432	MATK	19	3779721	IDHmut
40433	MATK	19	3779721	IDHmut_noncodel
40434	MATK	19	3779721	LGG GBM
40435	MATK	19	3779721	OligoAstr
40436	MATK	19	3779721	Proneural
40437	MATK	19	3784173	Astr
40438	MATK	19	3784173	GCIMP_high
40439	MATK	19	3784173	IDHmut
40440	MATK	19	3784173	IDHmut_noncodel
40441	MATK	19	3784173	LGG GBM
40442	MATK	19	3784173	Proneural
40443	ZFR2	19	3821342	lung
40444	ZFR2	19	3821342	lung
40445	ATCAY	19	3907798	melanoma
40446	NMRK2	19	3937239	melanoma
40447	NMRK2	19	3937239	melanoma
40448	DAPK3	19	3960067	melanoma
40449	MAP2K2	19	4110533	melanoma
40450	CREB3L3	19	4157016	lung
40451	CREB3L3	19	4157082	melanoma
40452	SIRT6	19	4180818	lung
40453	SIRT6	19	4180818	lung
40454	SIRT6	19	4180818	lung
40455	EBI3	19	4234751	melanoma
40456	EBI3	19	4234751	melanoma
40457	CCDC94	19	4262082	melanoma
40458	CCDC94	19	4262082	melanoma
40459	SHD	19	4282945	melanoma
40460	SHD	19	4282945	melanoma
40461	TMIGD2	19	4292697	lung
40462	TMIGD2	19	4292753	melanoma
40463	CHAF1A	19	4409595	melanoma
40464	CHAF1A	19	4428724	melanoma
40465	CHAF1A	19	4428724	melanoma
40466	CHAF1A	19	4433347	bladder
40467	UBXN6	19	4445617	melanoma
40468	UBXN6	19	4445617	melanoma
40469	UBXN6	19	4446300	melanoma
40470	HDGFL2	19	4499569	melanoma
40471	PLIN4	19	4504529	IDHwt_priGBM2
40472	PLIN4	19	4511228	melanoma
40473	PLIN4	19	4512074	melanoma
40474	PLIN4	19	4512318	melanoma
40475	PLIN5	19	4529223	melanoma
40476	PLIN5	19	4529223	melanoma
40477	PLIN5	19	4529223	melanoma
40478	SEMA6B	19	4550159	melanoma
40479	SEMA6B	19	4554432	melanoma
40480	SEMA6B	19	4554432	melanoma
40481	MYDGF	19	4668644	Gbm
40482	MYDGF	19	4668644	Gbm
40483	MYDGF	19	4668644	IDHwt

40484	MYDGF	19	4668644	IDHwt
40485	MYDGF	19	4668644	IDHwt_priGBM
40486	MYDGF	19	4668644	IDHwt_priGBM
40487	MYDGF	19	4668644	LGG GBM
40488	MYDGF	19	4668644	LGG GBM
40489	MYDGF	19	4668644	LGm6_GBM
40490	MYDGF	19	4668644	LGm6_GBM
40491	MYDGF	19	4668644	Mesenchymal
40492	MYDGF	19	4668644	Mesenchymal
40493	DPP9	19	4679921	melanoma
40494	DPP9	19	4704060	melanoma
40495	TICAM1	19	4817971	melanoma
40496	TICAM1	19	4818045	melanoma
40497	PTPRS	19	5212450	melanoma
40498	PTPRS	19	5212450	melanoma
40499	PTPRS	19	5212450	melanoma
40500	PTPRS	19	5212450	melanoma
40501	PTPRS	19	5225831	melanoma
40502	PTPRS	19	5225831	melanoma
40503	PTPRS	19	5238986	melanoma
40504	PTPRS	19	5239064	melanoma
40505	PTPRS	19	5244109	Astr
40506	PTPRS	19	5244109	IDHwt
40507	PTPRS	19	5244109	LGG GBM
40508	PTPRS	19	5244109	Neural
40509	PTPRS	19	5244109	PA_like
40510	ZNRF4	19	5456055	bladder
40511	SAFB2	19	5616235	melanoma
40512	CATSPERD	19	5729926	melanoma
40513	CATSPERD	19	5733873	melanoma
40514	CATSPERD	19	5771037	melanoma
40515	CATSPERD	19	5771037	melanoma
40516	CATSPERD	19	5778457	melanoma
40517	CATSPERD	19	5778497	melanoma
40518	DUS3L	19	5789507	melanoma
40519	DUS3L	19	5789507	melanoma
40520	FUT5	19	5867313	melanoma
40521	RANBP3	19	5921272	melanoma
40522	RFX2	19	6013100	melanoma
40523	RFX2	19	6013100	melanoma
40524	RFX2	19	6040047	lung
40525	RFX2	19	6042061	melanoma
40526	RFX2	19	6042061	melanoma
40527	RFX2	19	6044224	melanoma
40528	GTF2F1	19	6389503	melanoma
40529	GTF2F1	19	6389503	melanoma
40530	KHSRP	19	6416541	bladder
40531	DENND1C	19	6475305	bladder
40532	TUBB4A	19	6495656	Classic
40533	TUBB4A	19	6495656	Gbm
40534	TUBB4A	19	6495656	IDHwt
40535	TUBB4A	19	6495656	IDHwt_priGBM
40536	TUBB4A	19	6495656	LGG GBM
40537	TUBB4A	19	6495656	Mesenchymal_like
40538	TNFSF9	19	6535037	melanoma
40539	CD70	19	6590911	Astr
40540	CD70	19	6590911	Classic
40541	CD70	19	6590911	Classic_like

40542	CD70	19	6590911	IDHwt
40543	CD70	19	6590911	LGG GBM
40544	TNFSF14	19	6670037	melanoma
40545	C3	19	6686230	melanoma
40546	C3	19	6693063	lung
40547	C3	19	6713509	lung
40548	C3	19	6713510	lung
40549	GPR108	19	6734304	lung
40550	GPR108	19	6734304	lung
40551	VAV1	19	6772889	Classic
40552	VAV1	19	6772889	Classic_like
40553	VAV1	19	6772889	Gbm
40554	VAV1	19	6772889	IDHwt
40555	VAV1	19	6772889	IDHwt_priGBM
40556	VAV1	19	6772889	LGG GBM
40557	VAV1	19	6772925	melanoma
40558	VAV1	19	6832150	melanoma
40559	VAV1	19	6832150	melanoma
40560	VAV1	19	6832150	melanoma
40561	VAV1	19	6833570	melanoma
40562	VAV1	19	6837017	melanoma
40563	ADGRE1	19	6897262	melanoma
40564	ADGRE1	19	6919583	melanoma
40565	ADGRE1	19	6919583	melanoma
40566	ADGRE1	19	6919583	melanoma
40567	ADGRE1	19	6924789	melanoma
40568	ADGRE1	19	6926465	GCIMP_high
40569	ADGRE1	19	6926465	IDHmut
40570	ADGRE1	19	6926465	IDHmut_noncodel
40571	ADGRE1	19	6926465	LGG GBM
40572	ADGRE1	19	6926465	Neural
40573	ADGRE1	19	6926465	OligoAstr
40574	INSR	19	7117330	melanoma
40575	INSR	19	7117330	melanoma
40576	INSR	19	7142980	melanoma
40577	ARHGEF18	19	7528785	Codel
40578	ARHGEF18	19	7528785	IDHmut
40579	ARHGEF18	19	7528785	IDHmut_codel
40580	ARHGEF18	19	7528785	LGG GBM
40581	ARHGEF18	19	7528785	Oligo
40582	ARHGEF18	19	7531835	bladder
40583	TEX45	19	7569246	melanoma
40584	PNPLA6	19	7615219	melanoma
40585	CAMSAP3	19	7673088	melanoma
40586	CAMSAP3	19	7675386	melanoma
40587	CAMSAP3	19	7675985	melanoma
40588	CAMSAP3	19	7675985	melanoma
40589	CAMSAP3	19	7675985	melanoma
40590	CAMSAP3	19	7675985	melanoma
40591	CAMSAP3	19	7676608	melanoma
40592	CAMSAP3	19	7677012	GCIMP_high
40593	CAMSAP3	19	7677012	IDHmut
40594	CAMSAP3	19	7677012	IDHmut_noncodel
40595	CAMSAP3	19	7677012	LGG GBM
40596	XAB2	19	7686177	Astr
40597	XAB2	19	7686177	GCIMP_high
40598	XAB2	19	7686177	IDHmut
40599	XAB2	19	7686177	IDHmut_noncodel

40600	XAB2	19	7686177	LGG GBM
40601	XAB2	19	7687257	Gbm
40602	XAB2	19	7687257	IDHwt
40603	XAB2	19	7687257	IDHwt_priGBM
40604	XAB2	19	7687257	LGG GBM
40605	XAB2	19	7687257	Mesenchymal_like
40606	XAB2	19	7687289	melanoma
40607	STXBP2	19	7704643	Classic_like
40608	STXBP2	19	7704643	IDHwt
40609	STXBP2	19	7704643	LGG GBM
40610	STXBP2	19	7705819	Astr
40611	STXBP2	19	7705819	Classic
40612	STXBP2	19	7705819	Classic_like
40613	STXBP2	19	7705819	IDHwt
40614	STXBP2	19	7705819	LGG GBM
40615	CLEC4G	19	7796582	melanoma
40616	CD209	19	7810483	Astr
40617	CD209	19	7810483	Classic
40618	CD209	19	7810483	IDHwt
40619	CD209	19	7810483	LGG GBM
40620	CD209	19	7810483	Mesenchymal_like
40621	CD209	19	7811372	IDHwt
40622	CD209	19	7811372	IDHwt
40623	CD209	19	7811372	LGG GBM
40624	CD209	19	7811372	LGG GBM
40625	CD209	19	7811372	Mesenchymal_like
40626	CD209	19	7811372	Mesenchymal_like
40627	CD209	19	7811372	Oligo
40628	CD209	19	7811372	Oligo
40629	CD209	19	7812358	melanoma
40630	CLEC4M	19	7832442	melanoma
40631	EVI5L	19	7912664	IDHwt_priGBM2
40632	EVI5L	19	7928473	melanoma
40633	TIMM44	19	7997604	GCIMP_high
40634	TIMM44	19	7997604	IDHmut
40635	TIMM44	19	7997604	IDHmut_noncodel
40636	TIMM44	19	7997604	LGG GBM
40637	TIMM44	19	7997604	Neural
40638	TIMM44	19	7997604	OligoAstr
40639	ELAVL1	19	8032581	melanoma
40640	ELAVL1	19	8038632	melanoma
40641	FBN3	19	8130913	Classic
40642	FBN3	19	8130913	Gbm
40643	FBN3	19	8130913	IDHwt
40644	FBN3	19	8130913	IDHwt_priGBM
40645	FBN3	19	8130913	LGG GBM
40646	FBN3	19	8130913	Mesenchymal_like
40647	FBN3	19	8131039	melanoma
40648	FBN3	19	8136967	Classic
40649	FBN3	19	8136967	IDHwt
40650	FBN3	19	8136967	LGG GBM
40651	FBN3	19	8136967	Mesenchymal_like
40652	FBN3	19	8136967	OligoAstr
40653	FBN3	19	8137035	melanoma
40654	FBN3	19	8138151	melanoma
40655	FBN3	19	8151119	melanoma
40656	FBN3	19	8152003	melanoma
40657	CERS4	19	8321888	melanoma

40658	CERS4	19	8322862	melanoma
40659	RAB11B	19	8467433	bladder
40660	HNRNPM	19	8530310	melanoma
40661	HNRNPM	19	8530310	melanoma
40662	PRAM1	19	8564150	melanoma
40663	PRAM1	19	8564150	melanoma
40664	MYO1F	19	8587678	melanoma
40665	MYO1F	19	8601207	melanoma
40666	MYO1F	19	8615554	melanoma
40667	ADAMTS10	19	8661023	Classic
40668	ADAMTS10	19	8661023	Gbm
40669	ADAMTS10	19	8661023	IDHwt
40670	ADAMTS10	19	8661023	IDHwt_priGBM
40671	ADAMTS10	19	8661023	LGG GBM
40672	ADAMTS10	19	8661023	Mesenchymal_like
40673	ADAMTS10	19	8665846	melanoma
40674	ADAMTS10	19	8665846	melanoma
40675	ACTL9	19	8808144	melanoma
40676	ACTL9	19	8808516	melanoma
40677	ACTL9	19	8808516	melanoma
40678	ACTL9	19	8808646	melanoma
40679	OR2Z1	19	8841797	Codel
40680	OR2Z1	19	8841797	IDHmut
40681	OR2Z1	19	8841797	IDHmut_codel
40682	OR2Z1	19	8841797	LGG GBM
40683	OR2Z1	19	8841797	Neural
40684	OR2Z1	19	8841797	Oligo
40685	OR2Z1	19	8841830	melanoma
40686	OR2Z1	19	8841830	melanoma
40687	OR2Z1	19	8842045	Classic
40688	OR2Z1	19	8842045	Classic_like
40689	OR2Z1	19	8842045	IDHwt
40690	OR2Z1	19	8842045	LGG GBM
40691	OR2Z1	19	8842045	OligoAstr
40692	MUC16	19	8993477	melanoma
40693	MUC16	19	8997178	melanoma
40694	MUC16	19	8997178	melanoma
40695	MUC16	19	8997178	melanoma
40696	MUC16	19	8997432	melanoma
40697	MUC16	19	8998700	melanoma
40698	MUC16	19	8998703	melanoma
40699	MUC16	19	9012869	melanoma
40700	MUC16	19	9013874	melanoma
40701	MUC16	19	9015351	melanoma
40702	MUC16	19	9024988	melanoma
40703	MUC16	19	9045959	melanoma
40704	MUC16	19	9045986	melanoma
40705	MUC16	19	9046112	melanoma
40706	MUC16	19	9046505	melanoma
40707	MUC16	19	9046505	melanoma
40708	MUC16	19	9046602	melanoma
40709	MUC16	19	9046646	melanoma
40710	MUC16	19	9046853	melanoma
40711	MUC16	19	9046871	Classic
40712	MUC16	19	9046871	Classic_like
40713	MUC16	19	9046871	Gbm
40714	MUC16	19	9046871	IDHwt
40715	MUC16	19	9046871	IDHwt_priGBM

40716	MUC16	19	9046871	LGG GBM
40717	MUC16	19	9047039	melanoma
40718	MUC16	19	9047039	melanoma
40719	MUC16	19	9047280	melanoma
40720	MUC16	19	9047289	hnscc
40721	MUC16	19	9047753	Classic_like
40722	MUC16	19	9047753	Gbm
40723	MUC16	19	9047753	IDHwt
40724	MUC16	19	9047753	IDHwt_priGBM
40725	MUC16	19	9047753	LGG GBM
40726	MUC16	19	9048723	melanoma
40727	MUC16	19	9048782	melanoma
40728	MUC16	19	9048851	melanoma
40729	MUC16	19	9048935	melanoma
40730	MUC16	19	9048935	melanoma
40731	MUC16	19	9049019	melanoma
40732	MUC16	19	9049260	Gbm
40733	MUC16	19	9049260	IDHwt
40734	MUC16	19	9049260	IDHwt_priGBM
40735	MUC16	19	9049260	LGG GBM
40736	MUC16	19	9049260	Mesenchymal
40737	MUC16	19	9049260	Mesenchymal_like
40738	MUC16	19	9049799	melanoma
40739	MUC16	19	9056625	melanoma
40740	MUC16	19	9056625	melanoma
40741	MUC16	19	9056775	melanoma
40742	MUC16	19	9057427	melanoma
40743	MUC16	19	9058027	melanoma
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40745	MUC16	19	9058224	melanoma
40746	MUC16	19	9058224	melanoma
40747	MUC16	19	9058791	melanoma
40748	MUC16	19	9058884	melanoma
40749	MUC16	19	9059236	melanoma
40750	MUC16	19	9059313	melanoma
40751	MUC16	19	9059313	melanoma
40752	MUC16	19	9059710	melanoma
40753	MUC16	19	9059979	melanoma
40754	MUC16	19	9061144	melanoma
40755	MUC16	19	9061144	melanoma
40756	MUC16	19	9061161	melanoma
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40758	MUC16	19	9062265	melanoma
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40760	MUC16	19	9062265	melanoma
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40762	MUC16	19	9062278	melanoma
40763	MUC16	19	9062370	melanoma
40764	MUC16	19	9062460	melanoma
40765	MUC16	19	9063480	Astr
40766	MUC16	19	9063480	Classic
40767	MUC16	19	9063480	Classic_like
40768	MUC16	19	9063480	IDHwt
40769	MUC16	19	9063480	LGG GBM
40770	MUC16	19	9063566	melanoma
40771	MUC16	19	9063747	melanoma
40772	MUC16	19	9063952	melanoma
40773	MUC16	19	9064929	melanoma

40774	MUC16	19	9065032	melanoma
40775	MUC16	19	9065370	melanoma
40776	MUC16	19	9065370	melanoma
40777	MUC16	19	9065721	melanoma
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40779	MUC16	19	9066111	melanoma
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40787	MUC16	19	9066772	melanoma
40788	MUC16	19	9066819	melanoma
40789	MUC16	19	9066862	GCIMP_high
40790	MUC16	19	9066862	IDHmut
40791	MUC16	19	9066862	IDHmut_noncodel
40792	MUC16	19	9066862	LGG GBM
40793	MUC16	19	9067347	melanoma
40794	MUC16	19	9067485	melanoma
40795	MUC16	19	9067716	bladder
40796	MUC16	19	9067818	melanoma
40797	MUC16	19	9068025	Gbm
40798	MUC16	19	9068025	Gbm
40799	MUC16	19	9068025	IDHwt
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40803	MUC16	19	9068025	LGG GBM
40804	MUC16	19	9068025	LGG GBM
40805	MUC16	19	9068025	Mesenchymal
40806	MUC16	19	9068025	Mesenchymal
40807	MUC16	19	9068025	Mesenchymal_like
40808	MUC16	19	9068025	Mesenchymal_like
40809	MUC16	19	9068514	melanoma
40810	MUC16	19	9068514	melanoma
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40812	MUC16	19	9068733	melanoma
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40817	MUC16	19	9069909	Gbm
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40824	MUC16	19	9069909	IDHwt
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40831	MUC16	19	9069909	LGG GBM

40832	MUC16	19	9069909	LGG GBM
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40842	MUC16	19	9071445	melanoma
40843	MUC16	19	9071697	melanoma
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40850	MUC16	19	9072915	melanoma
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40852	MUC16	19	9073155	GCIMP_high
40853	MUC16	19	9073155	IDHmut
40854	MUC16	19	9073155	IDHmut_noncodel
40855	MUC16	19	9073155	LGG GBM
40856	MUC16	19	9073155	Proneural
40857	MUC16	19	9073402	melanoma
40858	MUC16	19	9073653	melanoma
40859	MUC16	19	9075042	GCIMP_high
40860	MUC16	19	9075042	IDHmut
40861	MUC16	19	9075042	IDHmut_noncodel
40862	MUC16	19	9075042	LGG GBM
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40867	MUC16	19	9075252	melanoma
40868	MUC16	19	9075256	melanoma
40869	MUC16	19	9075528	Codel
40870	MUC16	19	9075528	IDHmut
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40872	MUC16	19	9075528	LGG GBM
40873	MUC16	19	9075528	OligoAstr
40874	MUC16	19	9075528	Proneural
40875	MUC16	19	9075993	melanoma
40876	MUC16	19	9076596	melanoma
40877	MUC16	19	9076809	melanoma
40878	MUC16	19	9082447	melanoma
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40880	MUC16	19	9082711	melanoma
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40882	MUC16	19	9082732	Codel
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40885	MUC16	19	9082732	LGG GBM
40886	MUC16	19	9082732	OligoAstr
40887	MUC16	19	9082732	Proneural
40888	MUC16	19	9083554	melanoma
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40890	MUC16	19	9084637	melanoma
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40899	MUC16	19	9085723	melanoma
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40904	MUC16	19	9086617	melanoma
40905	MUC16	19	9086617	melanoma
40906	MUC16	19	9086710	melanoma
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40908	MUC16	19	9087533	melanoma
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40910	MUC16	19	9087901	melanoma
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40913	MUC16	19	9087901	melanoma
40914	MUC16	19	9088222	Classic_like
40915	MUC16	19	9088222	Gbm
40916	MUC16	19	9088222	IDHwt
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40918	MUC16	19	9088222	LGG GBM
40919	MUC16	19	9088222	Mesenchymal
40920	MUC16	19	9089764	melanoma
40921	MUC16	19	9089785	melanoma
40922	MUC16	19	9090697	melanoma
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40924	MUC16	19	9090892	melanoma
40925	MUC16	19	9090892	melanoma
40926	MUC16	19	9090958	melanoma
40927	OR1M1	19	9204546	Codel
40928	OR1M1	19	9204546	Codel
40929	OR1M1	19	9204546	Codel
40930	OR1M1	19	9204546	IDHmut
40931	OR1M1	19	9204546	IDHmut
40932	OR1M1	19	9204546	IDHmut
40933	OR1M1	19	9204546	IDHmut_codel
40934	OR1M1	19	9204546	IDHmut_codel
40935	OR1M1	19	9204546	IDHmut_codel
40936	OR1M1	19	9204546	LGG GBM
40937	OR1M1	19	9204546	LGG GBM
40938	OR1M1	19	9204546	LGG GBM
40939	OR1M1	19	9204546	Neural
40940	OR1M1	19	9204546	Neural
40941	OR1M1	19	9204546	Neural
40942	OR1M1	19	9204546	OligoAstr
40943	OR1M1	19	9204546	OligoAstr
40944	OR1M1	19	9204546	OligoAstr
40945	OR7G1	19	9225670	lung
40946	OR7G1	19	9225670	lung
40947	OR7G1	19	9225670	lung

40948	OR7G3	19	9236693	melanoma
40949	OR7G3	19	9237058	Classic
40950	OR7G3	19	9237058	Classic_like
40951	OR7G3	19	9237058	Gbm
40952	OR7G3	19	9237058	IDHwt
40953	OR7G3	19	9237058	IDHwt_priGBM
40954	OR7G3	19	9237058	LGG GBM
40955	OR7G3	19	9237170	melanoma
40956	OR7G3	19	9237413	melanoma
40957	OR7G3	19	9237506	melanoma
40958	ZNF317	19	9266706	melanoma
40959	ZNF317	19	9267420	Gbm
40960	ZNF317	19	9267420	IDHwt
40961	ZNF317	19	9267420	IDHwt_priGBM
40962	ZNF317	19	9267420	LGG GBM
40963	ZNF317	19	9267420	LGm6 GBM
40964	ZNF317	19	9267420	Mesenchymal
40965	OR7D2	19	9296939	melanoma
40966	OR7D2	19	9296939	melanoma
40967	OR7D2	19	9296939	melanoma
40968	OR7D2	19	9297245	Gbm
40969	OR7D2	19	9297245	IDHwt
40970	OR7D2	19	9297245	IDHwt_priGBM
40971	OR7D2	19	9297245	LGG GBM
40972	OR7D2	19	9297245	Mesenchymal
40973	OR7D4	19	9324633	melanoma
40974	OR7D4	19	9324633	melanoma
40975	OR7D4	19	9324666	melanoma
40976	OR7D4	19	9324666	melanoma
40977	OR7D4	19	9324667	lung
40978	OR7D4	19	9325039	melanoma
40979	OR7D4	19	9325039	melanoma
40980	OR7E24	19	9361834	melanoma
40981	OR7E24	19	9361956	melanoma
40982	OR7E24	19	9362531	melanoma
40983	ZNF560	19	9577554	melanoma
40984	ZNF560	19	9577668	lung
40985	ZNF560	19	9578263	melanoma
40986	ZNF560	19	9578263	melanoma
40987	ZNF560	19	9578508	Astr
40988	ZNF560	19	9578508	GCIMP_low
40989	ZNF560	19	9578508	IDHmut
40990	ZNF560	19	9578508	IDHmut_noncodel
40991	ZNF560	19	9578508	LGG GBM
40992	ZNF560	19	9584914	melanoma
40993	ZNF560	19	9584914	melanoma
40994	ZNF426	19	9639231	melanoma
40995	ZNF561	19	9721540	melanoma
40996	FBXL12	19	9921798	melanoma
40997	FBXL12	19	9922209	melanoma
40998	OLFM2	19	9968435	Astr
40999	OLFM2	19	9968435	Astr
41000	OLFM2	19	9968435	GCIMP_high
41001	OLFM2	19	9968435	GCIMP_high
41002	OLFM2	19	9968435	IDHmut
41003	OLFM2	19	9968435	IDHmut
41004	OLFM2	19	9968435	IDHmut_noncodel
41005	OLFM2	19	9968435	IDHmut_noncodel

41006	OLFM2	19	9968435	LGG GBM
41007	OLFM2	19	9968435	LGG GBM
41008	OLFM2	19	9968435	Neural
41009	OLFM2	19	9968435	Neural
41010	COL5A3	19	10071172	melanoma
41011	RDH8	19	10131432	melanoma
41012	RDH8	19	10131987	Gbm
41013	RDH8	19	10131987	IDHwt
41014	RDH8	19	10131987	IDHwt_priGBM
41015	RDH8	19	10131987	LGG GBM
41016	RDH8	19	10131987	Mesenchymal
41017	RDH8	19	10131987	Mesenchymal_like
41018	RDH8	19	10132043	lung
41019	PPAN-P2RY:	19	10221492	melanoma
41020	PPAN-P2RY:	19	10221657	melanoma
41021	DNMT1	19	10252863	bladder
41022	DNMT1	19	10291089	melanoma
41023	S1PR2	19	10335389	melanoma
41024	S1PR2	19	10335487	melanoma
41025	ICAM1	19	10394379	melanoma
41026	ICAM1	19	10395096	bladder
41027	ICAM5	19	10401888	lung
41028	ICAM5	19	10401990	Astr
41029	ICAM5	19	10401990	IDHwt
41030	ICAM5	19	10401990	LGG GBM
41031	ICAM5	19	10401990	Mesenchymal
41032	ICAM5	19	10401990	Mesenchymal_like
41033	ICAM5	19	10403371	lung
41034	RAVER1	19	10439374	bladder
41035	RAVER1	19	10439374	bladder
41036	TYK2	19	10467283	Classic
41037	TYK2	19	10467283	Classic_like
41038	TYK2	19	10467283	Gbm
41039	TYK2	19	10467283	IDHwt
41040	TYK2	19	10467283	IDHwt_priGBM
41041	TYK2	19	10467283	LGG GBM
41042	TYK2	19	10488908	melanoma
41043	PDE4A	19	10561543	bladder
41044	PDE4A	19	10561543	bladder
41045	PDE4A	19	10578074	melanoma
41046	PDE4A	19	10578100	melanoma
41047	PDE4A	19	10578100	melanoma
41048	PDE4A	19	10578100	melanoma
41049	PDE4A	19	10578278	melanoma
41050	KEAP1	19	10599885	lung
41051	KEAP1	19	10599885	lung
41052	KEAP1	19	10600428	lung
41053	KEAP1	19	10600432	lung
41054	KEAP1	19	10602286	melanoma
41055	KEAP1	19	10602767	lung
41056	KEAP1	19	10602767	lung
41057	KEAP1	19	10602767	lung
41058	KEAP1	19	10610126	lung
41059	ATG4D	19	10657574	melanoma
41060	ATG4D	19	10657574	melanoma
41061	KRI1	19	10672483	melanoma
41062	KRI1	19	10673493	melanoma
41063	AP1M2	19	10692221	melanoma

41064	SLC44A2	19	10741780	melanoma
41065	DNM2	19	10870430	melanoma
41066	DNM2	19	10940997	melanoma
41067	DNM2	19	10941662	melanoma
41068	YIPF2	19	11034044	bladder
41069	SMARCA4	19	11097614	melanoma
41070	SMARCA4	19	11121151	melanoma
41071	SMARCA4	19	11123685	lung
41072	SMARCA4	19	11132542	melanoma
41073	SMARCA4	19	11134267	bladder
41074	SMARCA4	19	11136986	melanoma
41075	LDLR	19	11217259	melanoma
41076	LDLR	19	11222312	Classic
41077	LDLR	19	11222312	Classic_like
41078	LDLR	19	11222312	Gbm
41079	LDLR	19	11222312	IDHwt
41080	LDLR	19	11222312	IDHwt_priGBM
41081	LDLR	19	11222312	LGG GBM
41082	LDLR	19	11224296	melanoma
41083	LDLR	19	11224296	melanoma
41084	LDLR	19	11224366	Classic_like
41085	LDLR	19	11224366	Gbm
41086	LDLR	19	11224366	IDHwt
41087	LDLR	19	11224366	IDHwt_priGBM
41088	LDLR	19	11224366	LGG GBM
41089	LDLR	19	11224366	Mesenchymal
41090	LDLR	19	11231077	lung
41091	LDLR	19	11231077	lung
41092	LDLR	19	11233883	Gbm
41093	LDLR	19	11233883	IDHwt
41094	LDLR	19	11233883	IDHwt_priGBM
41095	LDLR	19	11233883	LGG GBM
41096	LDLR	19	11233883	Proneural
41097	KANK2	19	11304213	melanoma
41098	KANK2	19	11304409	melanoma
41099	KANK2	19	11304409	melanoma
41100	KANK2	19	11304671	lung
41101	DOCK6	19	11312773	melanoma
41102	DOCK6	19	11312773	melanoma
41103	DOCK6	19	11312773	melanoma
41104	DOCK6	19	11313304	melanoma
41105	DOCK6	19	11313304	melanoma
41106	DOCK6	19	11327996	melanoma
41107	DOCK6	19	11332900	melanoma
41108	DOCK6	19	11332900	melanoma
41109	DOCK6	19	11333562	melanoma
41110	DOCK6	19	11364322	melanoma
41111	TSPAN16	19	11417292	Classic_like
41112	TSPAN16	19	11417292	Gbm
41113	TSPAN16	19	11417292	IDHwt
41114	TSPAN16	19	11417292	IDHwt_priGBM
41115	TSPAN16	19	11417292	LGG GBM
41116	RAB3D	19	11447869	bladder
41117	RAB3D	19	11447869	bladder
41118	RAB3D	19	11448018	Gbm
41119	RAB3D	19	11448018	Gbm
41120	RAB3D	19	11448018	IDHwt
41121	RAB3D	19	11448018	IDHwt

41122	RAB3D	19	11448018	IDHwt_priGBM
41123	RAB3D	19	11448018	IDHwt_priGBM
41124	RAB3D	19	11448018	LGG GBM
41125	RAB3D	19	11448018	LGG GBM
41126	RAB3D	19	11448018	Mesenchymal
41127	RAB3D	19	11448018	Mesenchymal
41128	RAB3D	19	11448018	Mesenchymal_like
41129	RAB3D	19	11448018	Mesenchymal_like
41130	TMEM205	19	11453778	Gbm
41131	TMEM205	19	11453778	IDHwt
41132	TMEM205	19	11453778	IDHwt_priGBM
41133	TMEM205	19	11453778	LGG GBM
41134	TMEM205	19	11453778	Mesenchymal_like
41135	TMEM205	19	11453778	Proneural
41136	TMEM205	19	11456068	melanoma
41137	TMEM205	19	11456253	lung
41138	EPOR	19	11488932	melanoma
41139	EPOR	19	11489214	melanoma
41140	CCDC151	19	11533225	bladder
41141	CCDC151	19	11533225	bladder
41142	ZNF653	19	11598652	lung
41143	ZNF823	19	11832637	melanoma
41144	ZNF440	19	11943705	bladder
41145	ZNF440	19	11943705	bladder
41146	ZNF439	19	11978558	melanoma
41147	ZNF700	19	12058095	melanoma
41148	ZNF878	19	12155093	lung
41149	ZNF878	19	12155513	melanoma
41150	ZNF844	19	12187065	melanoma
41151	ZNF844	19	12187398	melanoma
41152	ZNF844	19	12187398	melanoma
41153	ZNF20	19	12244414	hnsc
41154	ZNF20	19	12244606	GCIMP_high
41155	ZNF20	19	12244606	IDHmut
41156	ZNF20	19	12244606	IDHmut_noncodel
41157	ZNF20	19	12244606	LGG GBM
41158	ZNF20	19	12244606	Neural
41159	ZNF20	19	12244606	OligoAstr
41160	ZNF625	19	12256710	melanoma
41161	ZNF136	19	12298662	melanoma
41162	ZNF44	19	12384171	melanoma
41163	ZNF563	19	12430136	bladder
41164	ZNF563	19	12430136	bladder
41165	ZNF442	19	12460735	melanoma
41166	ZNF442	19	12460978	melanoma
41167	ZNF442	19	12460978	melanoma
41168	ZNF442	19	12461647	melanoma
41169	ZNF799	19	12502586	melanoma
41170	ZNF443	19	12541377	melanoma
41171	ZNF564	19	12638066	melanoma
41172	ZNF564	19	12638570	melanoma
41173	ZNF564	19	12639414	bladder
41174	ZNF490	19	12691426	melanoma
41175	ZNF490	19	12691762	melanoma
41176	ZNF490	19	12692159	melanoma
41177	MAN2B1	19	12767449	melanoma
41178	MAN2B1	19	12768940	Gbm
41179	MAN2B1	19	12768940	IDHwt

41180	MAN2B1	19	12768940	IDHwt_priGBM
41181	MAN2B1	19	12768940	LGG GBM
41182	MAN2B1	19	12768940	Mesenchymal
41183	MAN2B1	19	12768940	Mesenchymal_like
41184	MAN2B1	19	12775786	lung
41185	TNPO2	19	12817066	melanoma
41186	TNPO2	19	12829975	melanoma
41187	RNASEH2A	19	12920991	Astr
41188	RNASEH2A	19	12920991	Classic
41189	RNASEH2A	19	12920991	Classic_like
41190	RNASEH2A	19	12920991	IDHwt
41191	RNASEH2A	19	12920991	LGG GBM
41192	MAST1	19	12958260	melanoma
41193	GCDH	19	13004413	melanoma
41194	CALR	19	13049576	melanoma
41195	CALR	19	13051649	melanoma
41196	DAND5	19	13080644	melanoma
41197	TRMT1	19	13218606	hnscc
41198	TRMT1	19	13218606	hnscc
41199	NACC1	19	13248162	Codel
41200	NACC1	19	13248162	IDHmut
41201	NACC1	19	13248162	IDHmut_codel
41202	NACC1	19	13248162	LGG GBM
41203	NACC1	19	13248162	Oligo
41204	CACNA1A	19	13322976	melanoma
41205	CACNA1A	19	13340971	Gbm
41206	CACNA1A	19	13340971	IDHwt
41207	CACNA1A	19	13340971	IDHwt_priGBM
41208	CACNA1A	19	13340971	LGG GBM
41209	CACNA1A	19	13356070	melanoma
41210	CACNA1A	19	13373594	lung
41211	CACNA1A	19	13394167	bladder
41212	CACNA1A	19	13441085	melanoma
41213	CACNA1A	19	13441085	melanoma
41214	CACNA1A	19	13476166	melanoma
41215	MRI1	19	13879536	melanoma
41216	ZSWIM4	19	13934209	melanoma
41217	ZSWIM4	19	13941533	melanoma
41218	ZSWIM4	19	13941533	melanoma
41219	C19orf57	19	14000806	melanoma
41220	CC2D1A	19	14024105	lung
41221	CC2D1A	19	14030004	melanoma
41222	CC2D1A	19	14038950	melanoma
41223	RFX1	19	14104366	melanoma
41224	RFX1	19	14104366	melanoma
41225	RFX1	19	14104366	melanoma
41226	PRKACA	19	14213702	melanoma
41227	PRKACA	19	14217648	melanoma
41228	ADGRE5	19	14515319	lung
41229	ADGRE5	19	14515319	lung
41230	PKN1	19	14561243	Gbm
41231	PKN1	19	14561243	IDHwt
41232	PKN1	19	14561243	IDHwt_priGBM
41233	PKN1	19	14561243	LGG GBM
41234	PKN1	19	14561243	Mesenchymal
41235	PKN1	19	14578718	hnscc
41236	PKN1	19	14578718	hnscc
41237	PKN1	19	14581429	melanoma

41238	PTGER1	19	14584914	bladder
41239	DNAJB1	19	14627585	melanoma
41240	ADGRE3	19	14749131	Classic
41241	ADGRE3	19	14749131	Classic_like
41242	ADGRE3	19	14749131	Gbm
41243	ADGRE3	19	14749131	IDHwt
41244	ADGRE3	19	14749131	IDHwt_priGBM
41245	ADGRE3	19	14749131	LGG GBM
41246	ADGRE2	19	14862287	melanoma
41247	ADGRE2	19	14863148	melanoma
41248	OR7C1	19	14910447	melanoma
41249	OR7C2	19	15053025	melanoma
41250	SLC1A6	19	15063753	Classic
41251	SLC1A6	19	15063753	IDHwt
41252	SLC1A6	19	15063753	LGG GBM
41253	SLC1A6	19	15063753	Mesenchymal_like
41254	SLC1A6	19	15063753	OligoAstr
41255	SLC1A6	19	15065133	Classic_like
41256	SLC1A6	19	15065133	Gbm
41257	SLC1A6	19	15065133	IDHwt
41258	SLC1A6	19	15065133	IDHwt_priGBM
41259	SLC1A6	19	15065133	LGG GBM
41260	CCDC105	19	15121972	lung
41261	CCDC105	19	15132177	Gbm
41262	CCDC105	19	15132177	IDHwt
41263	CCDC105	19	15132177	IDHwt_priGBM
41264	CCDC105	19	15132177	LGG GBM
41265	CCDC105	19	15132177	Mesenchymal
41266	CCDC105	19	15132177	Mesenchymal_like
41267	CCDC105	19	15132185	melanoma
41268	CASP14	19	15164297	melanoma
41269	CASP14	19	15164297	melanoma
41270	CASP14	19	15164297	melanoma
41271	CASP14	19	15164396	Gbm
41272	CASP14	19	15164396	Gbm
41273	CASP14	19	15164396	Gbm
41274	CASP14	19	15164396	IDHwt
41275	CASP14	19	15164396	IDHwt
41276	CASP14	19	15164396	IDHwt
41277	CASP14	19	15164396	IDHwt_priGBM
41278	CASP14	19	15164396	IDHwt_priGBM
41279	CASP14	19	15164396	IDHwt_priGBM
41280	CASP14	19	15164396	LGG GBM
41281	CASP14	19	15164396	LGG GBM
41282	CASP14	19	15164396	LGG GBM
41283	CASP14	19	15164396	Mesenchymal
41284	CASP14	19	15164396	Mesenchymal
41285	CASP14	19	15164396	Mesenchymal
41286	CASP14	19	15164396	Mesenchymal_like
41287	CASP14	19	15164396	Mesenchymal_like
41288	CASP14	19	15164396	Mesenchymal_like
41289	NOTCH3	19	15271561	melanoma
41290	NOTCH3	19	15276747	melanoma
41291	NOTCH3	19	15276747	melanoma
41292	NOTCH3	19	15276747	melanoma
41293	NOTCH3	19	15276747	melanoma
41294	NOTCH3	19	15281193	melanoma
41295	NOTCH3	19	15285035	melanoma

41296	NOTCH3	19	15285035	melanoma
41297	NOTCH3	19	15302809	lung
41298	EPHX3	19	15341793	melanoma
41299	BRD4	19	15349583	IDHwt_priGBM2
41300	WIZ	19	15535054	melanoma
41301	WIZ	19	15535054	melanoma
41302	RASAL3	19	15564214	melanoma
41303	RASAL3	19	15567361	melanoma
41304	PGLYRP2	19	15582890	bladder
41305	PGLYRP2	19	15586733	melanoma
41306	CYP4F22	19	15648180	Astr
41307	CYP4F22	19	15648180	GCIMP_high
41308	CYP4F22	19	15648180	IDHmut
41309	CYP4F22	19	15648180	IDHmut_noncodel
41310	CYP4F22	19	15648180	LGG GBM
41311	CYP4F22	19	15648180	Mesenchymal
41312	CYP4F22	19	15648217	melanoma
41313	CYP4F22	19	15654797	melanoma
41314	CYP4F22	19	15661495	melanoma
41315	CYP4F3	19	15754729	melanoma
41316	CYP4F12	19	15789162	melanoma
41317	CYP4F12	19	15791225	Classic
41318	CYP4F12	19	15791225	Gbm
41319	CYP4F12	19	15791225	IDHwt
41320	CYP4F12	19	15791225	IDHwt_priGBM
41321	CYP4F12	19	15791225	LGG GBM
41322	CYP4F12	19	15791225	Mesenchymal_like
41323	CYP4F12	19	15794344	melanoma
41324	CYP4F12	19	15794344	melanoma
41325	CYP4F12	19	15795890	Classic
41326	CYP4F12	19	15795890	Gbm
41327	CYP4F12	19	15795890	IDHwt
41328	CYP4F12	19	15795890	IDHwt_priGBM
41329	CYP4F12	19	15795890	LGG GBM
41330	CYP4F12	19	15807754	melanoma
41331	CYP4F12	19	15807863	Gbm
41332	CYP4F12	19	15807863	GCIMP_low
41333	CYP4F12	19	15807863	IDHmut
41334	CYP4F12	19	15807863	IDHmut_noncodel
41335	CYP4F12	19	15807863	LGG GBM
41336	OR10H2	19	15838899	lung
41337	OR10H2	19	15838899	lung
41338	OR10H2	19	15839640	melanoma
41339	OR10H3	19	15852470	Classic
41340	OR10H3	19	15852470	Gbm
41341	OR10H3	19	15852470	IDHwt
41342	OR10H3	19	15852470	IDHwt_priGBM
41343	OR10H3	19	15852470	LGG GBM
41344	OR10H3	19	15852470	Mesenchymal_like
41345	OR10H3	19	15852945	melanoma
41346	OR10H3	19	15852945	melanoma
41347	OR10H3	19	15852977	melanoma
41348	OR10H1	19	15917986	melanoma
41349	CYP4F2	19	15989717	Gbm
41350	CYP4F2	19	15989717	IDHwt
41351	CYP4F2	19	15989717	IDHwt_priGBM
41352	CYP4F2	19	15989717	LGG GBM
41353	CYP4F2	19	15989717	Neural

41354	CYP4F2	19	15990159	melanoma
41355	CYP4F2	19	15990159	melanoma
41356	CYP4F2	19	15990424	Gbm
41357	CYP4F2	19	15990424	IDHwt
41358	CYP4F2	19	15990424	IDHwt_priGBM
41359	CYP4F2	19	15990424	LGG GBM
41360	CYP4F2	19	15990424	Neural
41361	CYP4F2	19	16006369	melanoma
41362	CYP4F2	19	16006369	melanoma
41363	CYP4F2	19	16006369	melanoma
41364	OR10H4	19	16060235	melanoma
41365	TPM4	19	16198863	Codel
41366	TPM4	19	16198863	IDHmut
41367	TPM4	19	16198863	IDHmut_codel
41368	TPM4	19	16198863	LGG GBM
41369	TPM4	19	16198863	Oligo
41370	TPM4	19	16198863	Proneural
41371	TPM4	19	16199913	melanoma
41372	HSH2D	19	16263400	melanoma
41373	CIB3	19	16278981	melanoma
41374	AP1M1	19	16339014	melanoma
41375	AP1M1	19	16339014	melanoma
41376	CALR3	19	16593311	bladder
41377	CALR3	19	16596054	melanoma
41378	CALR3	19	16601336	lung
41379	CALR3	19	16601336	lung
41380	C19orf44	19	16625397	melanoma
41381	CHERP	19	16646336	melanoma
41382	NWD1	19	16860196	Gbm
41383	NWD1	19	16860196	IDHwt
41384	NWD1	19	16860196	IDHwt_priGBM
41385	NWD1	19	16860196	LGG GBM
41386	NWD1	19	16860196	Mesenchymal
41387	NWD1	19	16860196	Mesenchymal_like
41388	NWD1	19	16860243	melanoma
41389	NWD1	19	16870149	melanoma
41390	NWD1	19	16874732	melanoma
41391	NWD1	19	16902200	lung
41392	NWD1	19	16902252	melanoma
41393	NWD1	19	16908555	melanoma
41394	NWD1	19	16925983	melanoma
41395	SIN3B	19	16962316	melanoma
41396	SIN3B	19	16974563	melanoma
41397	SIN3B	19	16976440	melanoma
41398	SIN3B	19	16986960	melanoma
41399	F2RL3	19	17000696	Codel
41400	F2RL3	19	17000696	IDHmut
41401	F2RL3	19	17000696	IDHmut_codel
41402	F2RL3	19	17000696	LGG GBM
41403	F2RL3	19	17000696	Oligo
41404	CPAMD8	19	17038926	melanoma
41405	CPAMD8	19	17062838	melanoma
41406	MYO9B	19	17212661	melanoma
41407	MYO9B	19	17270292	lung
41408	ANKLE1	19	17394490	melanoma
41409	GTPBP3	19	17450006	Gbm
41410	GTPBP3	19	17450006	IDHwt
41411	GTPBP3	19	17450006	IDHwt_priGBM

41412	GTPBP3	19	17450006	LGG GBM
41413	GTPBP3	19	17450006	Mesenchymal
41414	GTPBP3	19	17450006	Mesenchymal_like
41415	PLVAP	19	17487967	Astr
41416	PLVAP	19	17487967	Astr
41417	PLVAP	19	17487967	GCIMP_high
41418	PLVAP	19	17487967	GCIMP_high
41419	PLVAP	19	17487967	IDHmut
41420	PLVAP	19	17487967	IDHmut
41421	PLVAP	19	17487967	IDHmut_noncodel
41422	PLVAP	19	17487967	IDHmut_noncodel
41423	PLVAP	19	17487967	LGG GBM
41424	PLVAP	19	17487967	LGG GBM
41425	PLVAP	19	17488043	melanoma
41426	PLVAP	19	17488043	melanoma
41427	SLC27A1	19	17598136	hnscc
41428	SLC27A1	19	17611400	melanoma
41429	FAM129C	19	17643120	lung
41430	COLGALT1	19	17679388	Gbm
41431	COLGALT1	19	17679388	Gbm
41432	COLGALT1	19	17679388	Gbm
41433	COLGALT1	19	17679388	Gbm
41434	COLGALT1	19	17679388	Gbm
41435	COLGALT1	19	17679388	IDHwt
41436	COLGALT1	19	17679388	IDHwt
41437	COLGALT1	19	17679388	IDHwt
41438	COLGALT1	19	17679388	IDHwt
41439	COLGALT1	19	17679388	IDHwt
41440	COLGALT1	19	17679388	IDHwt_priGBM
41441	COLGALT1	19	17679388	IDHwt_priGBM
41442	COLGALT1	19	17679388	IDHwt_priGBM
41443	COLGALT1	19	17679388	IDHwt_priGBM
41444	COLGALT1	19	17679388	IDHwt_priGBM
41445	COLGALT1	19	17679388	LGG GBM
41446	COLGALT1	19	17679388	LGG GBM
41447	COLGALT1	19	17679388	LGG GBM
41448	COLGALT1	19	17679388	LGG GBM
41449	COLGALT1	19	17679388	LGG GBM
41450	COLGALT1	19	17679388	Mesenchymal
41451	COLGALT1	19	17679388	Mesenchymal
41452	COLGALT1	19	17679388	Mesenchymal
41453	COLGALT1	19	17679388	Mesenchymal
41454	COLGALT1	19	17679388	Mesenchymal
41455	UNC13A	19	17722647	melanoma
41456	UNC13A	19	17728553	melanoma
41457	UNC13A	19	17752230	melanoma
41458	UNC13A	19	17752230	melanoma
41459	UNC13A	19	17763473	melanoma
41460	UNC13A	19	17769006	melanoma
41461	UNC13A	19	17769006	melanoma
41462	FCHO1	19	17892565	lung
41463	B3GNT3	19	17918626	hnscc
41464	B3GNT3	19	17922692	IDHwt
41465	B3GNT3	19	17922692	LGG GBM
41466	B3GNT3	19	17922692	Mesenchymal_like
41467	B3GNT3	19	17922692	Oligo
41468	INSL3	19	17927780	melanoma
41469	JAK3	19	17942152	melanoma

41470	JAK3	19	17943330	Classic
41471	JAK3	19	17943330	Classic
41472	JAK3	19	17943330	Gbm
41473	JAK3	19	17943330	Gbm
41474	JAK3	19	17943330	IDHwt
41475	JAK3	19	17943330	IDHwt
41476	JAK3	19	17943330	IDHwt_priGBM
41477	JAK3	19	17943330	IDHwt_priGBM
41478	JAK3	19	17943330	LGG GBM
41479	JAK3	19	17943330	LGG GBM
41480	JAK3	19	17943330	Mesenchymal_like
41481	JAK3	19	17943330	Mesenchymal_like
41482	JAK3	19	17946760	bladder
41483	JAK3	19	17946760	bladder
41484	JAK3	19	17955076	lung
41485	JAK3	19	17955076	lung
41486	CCDC124	19	18054397	Classic
41487	CCDC124	19	18054397	Classic_like
41488	CCDC124	19	18054397	Gbm
41489	CCDC124	19	18054397	IDHwt
41490	CCDC124	19	18054397	IDHwt_priGBM
41491	CCDC124	19	18054397	LGG GBM
41492	KCNN1	19	18092749	melanoma
41493	IL12RB1	19	18174742	melanoma
41494	IL12RB1	19	18179253	melanoma
41495	PIK3R2	19	18266845	bladder
41496	PIK3R2	19	18266845	bladder
41497	PIK3R2	19	18280016	Classic like
41498	PIK3R2	19	18280016	Classic like
41499	PIK3R2	19	18280016	Gbm
41500	PIK3R2	19	18280016	Gbm
41501	PIK3R2	19	18280016	IDHwt
41502	PIK3R2	19	18280016	IDHwt
41503	PIK3R2	19	18280016	IDHwt_priGBM
41504	PIK3R2	19	18280016	IDHwt_priGBM
41505	PIK3R2	19	18280016	LGG GBM
41506	PIK3R2	19	18280016	LGG GBM
41507	PDE4C	19	18321768	melanoma
41508	PDE4C	19	18329146	melanoma
41509	KIAA1683	19	18376837	melanoma
41510	KIAA1683	19	18376837	melanoma
41511	FKBP8	19	18648452	Classic
41512	FKBP8	19	18648452	Classic
41513	FKBP8	19	18648452	Gbm
41514	FKBP8	19	18648452	Gbm
41515	FKBP8	19	18648452	IDHwt
41516	FKBP8	19	18648452	IDHwt
41517	FKBP8	19	18648452	IDHwt_priGBM
41518	FKBP8	19	18648452	IDHwt_priGBM
41519	FKBP8	19	18648452	LGG GBM
41520	FKBP8	19	18648452	LGG GBM
41521	FKBP8	19	18648452	Mesenchymal_like
41522	FKBP8	19	18648452	Mesenchymal_like
41523	KLHL26	19	18775153	Codel
41524	KLHL26	19	18775153	IDHmut
41525	KLHL26	19	18775153	IDHmut_codel
41526	KLHL26	19	18775153	LGG GBM
41527	KLHL26	19	18775153	Oligo

41528	KLHL26	19	18775153	Proneural
41529	KLHL26	19	18779843	melanoma
41530	COMP	19	18895151	melanoma
41531	COMP	19	18895843	melanoma
41532	UPF1	19	18976399	melanoma
41533	COPE	19	19015657	melanoma
41534	COPE	19	19030106	melanoma
41535	SUGP2	19	19120748	melanoma
41536	SUGP2	19	19135863	melanoma
41537	SLC25A42	19	19218750	melanoma
41538	NCAN	19	19329918	melanoma
41539	NCAN	19	19334931	melanoma
41540	NCAN	19	19334931	melanoma
41541	NCAN	19	19334931	melanoma
41542	NCAN	19	19335168	melanoma
41543	NCAN	19	19337810	melanoma
41544	NCAN	19	19338204	bladder
41545	NCAN	19	19338821	melanoma
41546	NCAN	19	19339194	melanoma
41547	NCAN	19	19339263	melanoma
41548	NCAN	19	19339263	melanoma
41549	NCAN	19	19339263	melanoma
41550	TM6SF2	19	19375657	melanoma
41551	TM6SF2	19	19375657	melanoma
41552	MAU2	19	19453621	lung
41553	MAU2	19	19459728	Classic
41554	MAU2	19	19459728	Gbm
41555	MAU2	19	19459728	IDHwt
41556	MAU2	19	19459728	IDHwt_priGBM
41557	MAU2	19	19459728	LGG GBM
41558	MAU2	19	19459728	Mesenchymal_like
41559	CILP2	19	19655659	melanoma
41560	CILP2	19	19656092	melanoma
41561	CILP2	19	19656271	melanoma
41562	CILP2	19	19656436	Classic_like
41563	CILP2	19	19656436	Gbm
41564	CILP2	19	19656436	IDHwt
41565	CILP2	19	19656436	IDHwt_priGBM
41566	CILP2	19	19656436	LGG GBM
41567	CILP2	19	19656436	Mesenchymal
41568	ATP13A1	19	19762555	melanoma
41569	ATP13A1	19	19764939	melanoma
41570	ATP13A1	19	19770501	GCIMP_high
41571	ATP13A1	19	19770501	IDHmut
41572	ATP13A1	19	19770501	IDHmut_noncodel
41573	ATP13A1	19	19770501	LGG GBM
41574	ATP13A1	19	19770501	Mesenchymal
41575	ATP13A1	19	19770501	OligoAstr
41576	ATP13A1	19	19770504	melanoma
41577	ZNF14	19	19822624	lung
41578	ZNF14	19	19822978	melanoma
41579	ZNF253	19	20002613	lung
41580	ZNF253	19	20002883	lung
41581	ZNF253	19	20002888	melanoma
41582	ZNF682	19	20117512	melanoma
41583	ZNF90	19	20229413	bladder
41584	ZNF90	19	20229532	lung
41585	ZNF90	19	20229937	lung

41586	ZNF486	19	20308628	lung
41587	ZNF486	19	20308628	lung
41588	ZNF737	19	20727838	melanoma
41589	ZNF626	19	20808016	melanoma
41590	ZNF85	19	21132321	lung
41591	ZNF430	19	21239956	lung
41592	ZNF430	19	21239967	melanoma
41593	ZNF430	19	21240460	lung
41594	ZNF430	19	21240543	lung
41595	ZNF431	19	21349142	melanoma
41596	ZNF431	19	21366029	lung
41597	ZNF708	19	21476281	lung
41598	ZNF708	19	21476437	lung
41599	ZNF708	19	21477121	lung
41600	ZNF493	19	21606980	Gbm
41601	ZNF493	19	21606980	IDHwt
41602	ZNF493	19	21606980	IDHwt_priGBM
41603	ZNF493	19	21606980	LGG GBM
41604	ZNF493	19	21606980	Proneural
41605	ZNF493	19	21607126	melanoma
41606	ZNF429	19	21720270	lung
41607	ZNF100	19	21948509	lung
41608	ZNF208	19	22154181	melanoma
41609	ZNF208	19	22154862	lung
41610	ZNF208	19	22154862	lung
41611	ZNF208	19	22155698	melanoma
41612	ZNF208	19	22155987	melanoma
41613	ZNF208	19	22156113	melanoma
41614	ZNF208	19	22156307	bladder
41615	ZNF208	19	22156434	melanoma
41616	ZNF208	19	22171609	lung
41617	ZNF257	19	22271217	lung
41618	ZNF257	19	22271820	lung
41619	ZNF257	19	22271904	lung
41620	ZNF257	19	22272072	lung
41621	ZNF676	19	22362784	melanoma
41622	ZNF676	19	22362784	melanoma
41623	ZNF676	19	22364321	melanoma
41624	ZNF676	19	22375896	melanoma
41625	ZNF729	19	22496673	melanoma
41626	ZNF729	19	22497753	IDHwt_priGBM2
41627	ZNF729	19	22498581	lung
41628	ZNF729	19	22498690	lung
41629	ZNF729	19	22499062	lung
41630	ZNF98	19	22574462	Gbm
41631	ZNF98	19	22574462	IDHwt
41632	ZNF98	19	22574462	IDHwt_priGBM
41633	ZNF98	19	22574462	LGG GBM
41634	ZNF98	19	22574462	Mesenchymal
41635	ZNF98	19	22574668	melanoma
41636	ZNF98	19	22586269	melanoma
41637	ZNF98	19	22586269	melanoma
41638	ZNF492	19	22836766	melanoma
41639	ZNF492	19	22847657	melanoma
41640	ZNF99	19	22941288	melanoma
41641	ZNF99	19	22941372	melanoma
41642	ZNF99	19	22941372	melanoma
41643	ZNF99	19	22941372	melanoma

41644	ZNF99	19	22941624	melanoma
41645	ZNF99	19	22941776	melanoma
41646	ZNF99	19	22941776	melanoma
41647	ZNF99	19	22942332	melanoma
41648	ZNF91	19	23542312	bladder
41649	ZNF91	19	23542833	melanoma
41650	ZNF91	19	23543307	Gbm
41651	ZNF91	19	23543307	Gbm
41652	ZNF91	19	23543307	Gbm
41653	ZNF91	19	23543307	IDHwt
41654	ZNF91	19	23543307	IDHwt
41655	ZNF91	19	23543307	IDHwt
41656	ZNF91	19	23543307	IDHwt_priGBM
41657	ZNF91	19	23543307	IDHwt_priGBM
41658	ZNF91	19	23543307	IDHwt_priGBM
41659	ZNF91	19	23543307	LGG GBM
41660	ZNF91	19	23543307	LGG GBM
41661	ZNF91	19	23543307	LGG GBM
41662	ZNF91	19	23543307	Mesenchymal
41663	ZNF91	19	23543307	Mesenchymal
41664	ZNF91	19	23543307	Mesenchymal
41665	ZNF91	19	23543307	Mesenchymal_like
41666	ZNF91	19	23543307	Mesenchymal_like
41667	ZNF91	19	23543307	Mesenchymal_like
41668	ZNF91	19	23543643	lung
41669	ZNF91	19	23544696	bladder
41670	ZNF675	19	23836144	Astr
41671	ZNF675	19	23836144	Classic
41672	ZNF675	19	23836144	IDHwt
41673	ZNF675	19	23836144	LGG GBM
41674	ZNF675	19	23836144	Mesenchymal_like
41675	ZNF675	19	23836147	melanoma
41676	ZNF675	19	23836908	lung
41677	ZNF681	19	23926602	melanoma
41678	ZNF681	19	23926602	melanoma
41679	ZNF681	19	23926775	lung
41680	ZNF681	19	23927177	lung
41681	ZNF681	19	23927512	lung
41682	ZNF681	19	23927954	Classic
41683	ZNF681	19	23927954	Gbm
41684	ZNF681	19	23927954	IDHwt
41685	ZNF681	19	23927954	IDHwt_priGBM
41686	ZNF681	19	23927954	LGG GBM
41687	ZNF681	19	23927954	Mesenchymal_like
41688	ZNF726	19	24102293	lung
41689	ZNF254	19	24289365	melanoma
41690	ZNF254	19	24289365	melanoma
41691	ZNF254	19	24309541	melanoma
41692	ZNF254	19	24309596	lung
41693	ZNF254	19	24310153	lung
41694	ZNF254	19	24310730	Classic
41695	ZNF254	19	24310730	Gbm
41696	ZNF254	19	24310730	IDHwt
41697	ZNF254	19	24310730	IDHwt_priGBM
41698	ZNF254	19	24310730	LGG GBM
41699	POP4	19	30102785	melanoma
41700	POP4	19	30104867	melanoma
41701	POP4	19	30106202	lung

41702	CCNE1	19	30313009	melanoma
41703	URI1	19	30476175	melanoma
41704	URI1	19	30500222	melanoma
41705	URI1	19	30500222	melanoma
41706	URI1	19	30500222	melanoma
41707	URI1	19	30500222	melanoma
41708	URI1	19	30500222	melanoma
41709	ZNF536	19	30934536	lung
41710	ZNF536	19	30935772	lung
41711	ZNF536	19	30935897	melanoma
41712	ZNF536	19	30936301	melanoma
41713	ZNF536	19	30936301	melanoma
41714	ZNF536	19	31025876	melanoma
41715	ZNF536	19	31039584	melanoma
41716	ZNF536	19	31039584	melanoma
41717	ZNF536	19	31039633	lung
41718	ZNF536	19	31039816	melanoma
41719	TSHZ3	19	31768091	IDHwt
41720	TSHZ3	19	31768091	LGG GBM
41721	TSHZ3	19	31768091	Mesenchymal_like
41722	TSHZ3	19	31768091	Neural
41723	TSHZ3	19	31768177	lung
41724	TSHZ3	19	31768177	lung
41725	TSHZ3	19	31768987	bladder
41726	TSHZ3	19	31769362	melanoma
41727	TSHZ3	19	31769362	melanoma
41728	TSHZ3	19	31769362	melanoma
41729	ZNF507	19	32844859	lung
41730	ZNF507	19	32844859	lung
41731	DPY19L3	19	32902208	lung
41732	DPY19L3	19	32902208	lung
41733	SLC7A9	19	33321545	melanoma
41734	SLC7A9	19	33321545	melanoma
41735	SLC7A9	19	33333180	melanoma
41736	SLC7A9	19	33349437	melanoma
41737	SLC7A9	19	33355618	melanoma
41738	SLC7A9	19	33355618	melanoma
41739	SLC7A9	19	33355636	melanoma
41740	SLC7A9	19	33355655	Codel
41741	SLC7A9	19	33355655	IDHmut
41742	SLC7A9	19	33355655	IDHmut_codel
41743	SLC7A9	19	33355655	LGG GBM
41744	SLC7A9	19	33355655	Oligo
41745	SLC7A9	19	33355655	Proneural
41746	FAAP24	19	33467518	melanoma
41747	RHPN2	19	33517456	melanoma
41748	GPATCH1	19	33584386	melanoma
41749	GPATCH1	19	33584386	melanoma
41750	GPATCH1	19	33592470	bladder
41751	GPATCH1	19	33597623	melanoma
41752	GPATCH1	19	33597623	melanoma
41753	GPATCH1	19	33617618	melanoma
41754	LRP3	19	33695747	melanoma
41755	SLC7A10	19	33700322	melanoma
41756	SLC7A10	19	33702339	melanoma
41757	CHST8	19	34263477	melanoma
41758	CHST8	19	34263547	melanoma
41759	KCTD15	19	34292103	Gbm

41760	KCTD15	19	34292103	IDHwt
41761	KCTD15	19	34292103	IDHwt_priGBM
41762	KCTD15	19	34292103	LGG GBM
41763	KCTD15	19	34292103	LGm6_GBM
41764	LSM14A	19	34685436	Astr
41765	LSM14A	19	34685436	IDHwt
41766	LSM14A	19	34685436	LGG GBM
41767	LSM14A	19	34685436	Mesenchymal_like
41768	LSM14A	19	34685496	Astr
41769	LSM14A	19	34685496	IDHwt
41770	LSM14A	19	34685496	LGG GBM
41771	LSM14A	19	34685496	Mesenchymal_like
41772	UBA2	19	34943008	melanoma
41773	WTIP	19	34986636	lung
41774	WTIP	19	34986636	lung
41775	WTIP	19	34986636	lung
41776	WTIP	19	34986636	lung
41777	ZNF302	19	35175433	bladder
41778	ZNF181	19	35231800	hnsc
41779	ZNF599	19	35249976	melanoma
41780	ZNF30	19	35422783	melanoma
41781	ZNF30	19	35434550	melanoma
41782	ZNF792	19	35449165	Astr
41783	ZNF792	19	35449165	GCIMP_high
41784	ZNF792	19	35449165	IDHmut
41785	ZNF792	19	35449165	IDHmut_noncodel
41786	ZNF792	19	35449165	LGG GBM
41787	GRAMD1A	19	35505139	melanoma
41788	GRAMD1A	19	35505139	melanoma
41789	GRAMD1A	19	35512766	melanoma
41790	GRAMD1A	19	35512766	melanoma
41791	GRAMD1A	19	35512876	melanoma
41792	HPN	19	35540275	melanoma
41793	HPN	19	35551649	melanoma
41794	FXYD3	19	35613761	melanoma
41795	LGI4	19	35616267	lung
41796	MAG	19	35791053	melanoma
41797	MAG	19	35791293	melanoma
41798	MAG	19	35793437	melanoma
41799	MAG	19	35801013	Gbm
41800	MAG	19	35801013	IDHwt
41801	MAG	19	35801013	IDHwt_priGBM
41802	MAG	19	35801013	LGG GBM
41803	MAG	19	35801013	Proneural
41804	CD22	19	35832288	melanoma
41805	CD22	19	35832290	Classic
41806	CD22	19	35832290	Classic_like
41807	CD22	19	35832290	Gbm
41808	CD22	19	35832290	IDHwt
41809	CD22	19	35832290	IDHwt_priGBM
41810	CD22	19	35832290	LGG GBM
41811	FFAR3	19	35849929	Classic_like
41812	FFAR3	19	35849929	IDHwt
41813	FFAR3	19	35849929	LGG GBM
41814	FFAR3	19	35849929	Neural
41815	FFAR3	19	35849929	Oligo
41816	FFAR2	19	35940818	bladder
41817	FFAR2	19	35940825	Gbm

41818	FFAR2	19	35940825	GCIMP_high
41819	FFAR2	19	35940825	IDHmut
41820	FFAR2	19	35940825	IDHmut_noncodel
41821	FFAR2	19	35940825	LGG GBM
41822	FFAR2	19	35940825	Proneural
41823	SBSN	19	36017803	melanoma
41824	ATP4A	19	36044635	lung
41825	ATP4A	19	36045948	melanoma
41826	ATP4A	19	36048565	bladder
41827	RBM42	19	36120484	melanoma
41828	RBM42	19	36120484	melanoma
41829	RBM42	19	36120484	melanoma
41830	RBM42	19	36120484	melanoma
41831	ETV2	19	36134257	bladder
41832	ETV2	19	36134257	bladder
41833	ETV2	19	36134421	bladder
41834	COX6B1	19	36149536	melanoma
41835	KMT2B	19	36211946	melanoma
41836	KMT2B	19	36212329	Gbm
41837	KMT2B	19	36212329	IDHwt
41838	KMT2B	19	36212329	IDHwt_priGBM
41839	KMT2B	19	36212329	LGG GBM
41840	KMT2B	19	36212329	Mesenchymal
41841	KMT2B	19	36212329	Mesenchymal_like
41842	KMT2B	19	36222974	melanoma
41843	KMT2B	19	36223344	melanoma
41844	LIN37	19	36245190	melanoma
41845	ARHGAP33	19	36276179	melanoma
41846	ARHGAP33	19	36276179	melanoma
41847	ARHGAP33	19	36278643	melanoma
41848	ARHGAP33	19	36278852	melanoma
41849	PRODH2	19	36290956	melanoma
41850	NPHS1	19	36322656	melanoma
41851	NPHS1	19	36330458	melanoma
41852	NPHS1	19	36330458	melanoma
41853	NPHS1	19	36340484	Gbm
41854	NPHS1	19	36340484	IDHwt
41855	NPHS1	19	36340484	IDHwt_priGBM
41856	NPHS1	19	36340484	LGG GBM
41857	NPHS1	19	36340484	LGm6_GBM
41858	NPHS1	19	36340484	Mesenchymal
41859	KIRREL2	19	36352774	melanoma
41860	KIRREL2	19	36357216	melanoma
41861	APLP1	19	36362906	melanoma
41862	APLP1	19	36362906	melanoma
41863	APLP1	19	36362906	melanoma
41864	APLP1	19	36370311	melanoma
41865	TYROBP	19	36398431	melanoma
41866	TYROBP	19	36398431	melanoma
41867	TYROBP	19	36398431	melanoma
41868	TYROBP	19	36398659	lung
41869	TYROBP	19	36398659	lung
41870	LRFN3	19	36431390	melanoma
41871	LRFN3	19	36435826	melanoma
41872	LRFN3	19	36435826	melanoma
41873	SYNE4	19	36494402	melanoma
41874	WDR62	19	36594488	melanoma
41875	WDR62	19	36594488	melanoma

41876	TBCB	19	36611696	melanoma
41877	CAPNS1	19	36633602	Gbm
41878	CAPNS1	19	36633602	IDHwt
41879	CAPNS1	19	36633602	IDHwt_priGBM
41880	CAPNS1	19	36633602	LGG GBM
41881	CAPNS1	19	36633857	melanoma
41882	COX7A1	19	36641913	melanoma
41883	ZNF565	19	36673412	hnscc
41884	ZNF565	19	36673993	melanoma
41885	ZFP82	19	36884449	Classic
41886	ZFP82	19	36884449	Gbm
41887	ZFP82	19	36884449	IDHwt
41888	ZFP82	19	36884449	IDHwt_priGBM
41889	ZFP82	19	36884449	LGG GBM
41890	ZNF566	19	36940384	hnscc
41891	ZNF566	19	36940878	lung
41892	ZNF529	19	37037983	melanoma
41893	ZNF529	19	37037983	melanoma
41894	ZNF461	19	37130771	melanoma
41895	ZNF829	19	37399355	melanoma
41896	ZNF568	19	37440953	melanoma
41897	ZNF568	19	37441709	melanoma
41898	ZNF420	19	37581972	melanoma
41899	ZNF585A	19	37643087	melanoma
41900	ZNF585A	19	37643197	bladder
41901	ZNF585A	19	37643339	melanoma
41902	ZNF585A	19	37643360	melanoma
41903	ZNF585A	19	37644265	melanoma
41904	ZNF585B	19	37681042	melanoma
41905	ZNF585B	19	37681042	melanoma
41906	ZNF585B	19	37681042	melanoma
41907	ZNF585B	19	37681042	melanoma
41908	ZNF569	19	37904098	melanoma
41909	ZNF569	19	37904938	melanoma
41910	ZNF570	19	37974867	melanoma
41911	ZNF571	19	38056261	melanoma
41912	ZNF571	19	38056453	lung
41913	ZNF540	19	38091956	melanoma
41914	ZNF540	19	38103617	Classic
41915	ZNF540	19	38103617	Classic_like
41916	ZNF540	19	38103617	IDHwt
41917	ZNF540	19	38103617	LGG GBM
41918	ZNF540	19	38103617	OligoAstr
41919	ZNF781	19	38160337	melanoma
41920	ZNF781	19	38160368	melanoma
41921	ZNF781	19	38160564	melanoma
41922	ZNF607	19	38189033	melanoma
41923	WDR87	19	38376581	lung
41924	WDR87	19	38378397	melanoma
41925	WDR87	19	38378397	melanoma
41926	WDR87	19	38383464	melanoma
41927	WDR87	19	38383464	melanoma
41928	WDR87	19	38383848	melanoma
41929	SIPA1L3	19	38572699	melanoma
41930	SIPA1L3	19	38609978	melanoma
41931	SIPA1L3	19	38632018	melanoma
41932	SIPA1L3	19	38655177	Gbm
41933	SIPA1L3	19	38655177	IDHwt

41934	SIPA1L3	19	38655177	IDHwt_priGBM
41935	SIPA1L3	19	38655177	LGG GBM
41936	SIPA1L3	19	38655177	Mesenchymal
41937	SIPA1L3	19	38655177	Mesenchymal_like
41938	SIPA1L3	19	38682838	melanoma
41939	DPF1	19	38704352	melanoma
41940	SPINT2	19	38782600	melanoma
41941	CATSPERG	19	38848932	melanoma
41942	CATSPERG	19	38857808	melanoma
41943	GGN	19	38876355	melanoma
41944	SPRED3	19	38882894	melanoma
41945	SPRED3	19	38882894	melanoma
41946	RASGRP4	19	38901630	melanoma
41947	RYR1	19	38948795	hnscc
41948	RYR1	19	38949872	melanoma
41949	RYR1	19	38949872	melanoma
41950	RYR1	19	38959747	melanoma
41951	RYR1	19	38964171	melanoma
41952	RYR1	19	38976679	lung
41953	RYR1	19	38979836	melanoma
41954	RYR1	19	38979836	melanoma
41955	RYR1	19	38980066	melanoma
41956	RYR1	19	38991562	melanoma
41957	RYR1	19	39001387	melanoma
41958	RYR1	19	39016017	melanoma
41959	RYR1	19	39016017	melanoma
41960	RYR1	19	39023369	melanoma
41961	RYR1	19	39056202	lung
41962	RYR1	19	39070725	Astr
41963	RYR1	19	39070725	GCIMP_high
41964	RYR1	19	39070725	IDHmut
41965	RYR1	19	39070725	IDHmut_noncodel
41966	RYR1	19	39070725	LGG GBM
41967	RYR1	19	39070725	Proneural
41968	MAP4K1	19	39086283	Gbm
41969	MAP4K1	19	39086283	IDHwt
41970	MAP4K1	19	39086283	IDHwt_priGBM
41971	MAP4K1	19	39086283	LGG GBM
41972	MAP4K1	19	39086283	Mesenchymal
41973	MAP4K1	19	39105080	lung
41974	ACTN4	19	39212280	Astr
41975	ACTN4	19	39212280	Classic
41976	ACTN4	19	39212280	Classic_like
41977	ACTN4	19	39212280	IDHwt
41978	ACTN4	19	39212280	LGG GBM
41979	CAPN12	19	39221776	melanoma
41980	CAPN12	19	39221776	melanoma
41981	LGALS7B	19	39281435	melanoma
41982	LGALS7B	19	39281435	melanoma
41983	RINL	19	39361333	melanoma
41984	RINL	19	39361528	melanoma
41985	FBXO27	19	39517550	melanoma
41986	IFNL3	19	39735502	melanoma
41987	LRFN1	19	39798893	melanoma
41988	SAMD4B	19	39860340	melanoma
41989	ZFP36	19	39898711	melanoma
41990	PLEKHG2	19	39908711	melanoma
41991	PLEKHG2	19	39909569	melanoma

41992	PLEKHG2	19	39909569	melanoma
41993	LGALS16	19	40151075	melanoma
41994	LGALS14	19	40196620	melanoma
41995	LGALS14	19	40197279	Classic
41996	LGALS14	19	40197279	Classic
41997	LGALS14	19	40197279	Gbm
41998	LGALS14	19	40197279	Gbm
41999	LGALS14	19	40197279	IDHwt
42000	LGALS14	19	40197279	IDHwt
42001	LGALS14	19	40197279	IDHwt_priGBM
42002	LGALS14	19	40197279	IDHwt_priGBM
42003	LGALS14	19	40197279	LGG GBM
42004	LGALS14	19	40197279	LGG GBM
42005	LGALS14	19	40197279	Mesenchymal_like
42006	LGALS14	19	40197279	Mesenchymal_like
42007	LGALS14	19	40199850	lung
42008	FCGBP	19	40354468	melanoma
42009	FCGBP	19	40354468	melanoma
42010	FCGBP	19	40354468	melanoma
42011	FCGBP	19	40408069	melanoma
42012	PSMC4	19	40480518	Astr
42013	PSMC4	19	40480518	Classic
42014	PSMC4	19	40480518	Classic_like
42015	PSMC4	19	40480518	IDHwt
42016	PSMC4	19	40480518	LGG GBM
42017	ZNF546	19	40519800	melanoma
42018	ZNF546	19	40519800	melanoma
42019	ZNF546	19	40519800	melanoma
42020	ZNF546	19	40519800	melanoma
42021	ZNF546	19	40521371	melanoma
42022	ZNF780B	19	40541725	Classic_like
42023	ZNF780B	19	40541725	Gbm
42024	ZNF780B	19	40541725	IDHwt
42025	ZNF780B	19	40541725	IDHwt_priGBM
42026	ZNF780B	19	40541725	LGG GBM
42027	ZNF780B	19	40541725	Mesenchymal
42028	ZNF780B	19	40541893	lung
42029	MAP3K10	19	40718717	melanoma
42030	MAP3K10	19	40718718	melanoma
42031	MAP3K10	19	40718718	melanoma
42032	MAP3K10	19	40719044	Astr
42033	MAP3K10	19	40719044	GCIMP_high
42034	MAP3K10	19	40719044	IDHmut
42035	MAP3K10	19	40719044	IDHmut_noncodel
42036	MAP3K10	19	40719044	LGG GBM
42037	MAP3K10	19	40719044	Proneural
42038	TTC9B	19	40723991	melanoma
42039	AKT2	19	40740974	bladder
42040	AKT2	19	40740974	bladder
42041	C19orf47	19	40847757	melanoma
42042	PLD3	19	40880508	melanoma
42043	PRX	19	40902215	GCIMP_high
42044	PRX	19	40902215	IDHmut
42045	PRX	19	40902215	IDHmut_noncodel
42046	PRX	19	40902215	LGG GBM
42047	PRX	19	40902215	Oligo
42048	PRX	19	40902215	Proneural
42049	PRX	19	40902650	melanoma

42050	PRX	19	40902902	melanoma
42051	BLVRB	19	40953899	bladder
42052	BLVRB	19	40964419	melanoma
42053	SPTBN4	19	41019397	melanoma
42054	SPTBN4	19	41019397	melanoma
42055	SPTBN4	19	41066345	melanoma
42056	SPTBN4	19	41076379	lung
42057	SPTBN4	19	41077959	melanoma
42058	SHKBP1	19	41082845	bladder
42059	SHKBP1	19	41096902	Gbm
42060	SHKBP1	19	41096902	IDHwt
42061	SHKBP1	19	41096902	IDHwt_priGBM
42062	SHKBP1	19	41096902	LGG GBM
42063	SHKBP1	19	41096902	Mesenchymal
42064	SHKBP1	19	41096902	Mesenchymal_like
42065	SHKBP1	19	41097070	melanoma
42066	COQ8B	19	41216006	lung
42067	COQ8B	19	41216006	lung
42068	ITPKC	19	41223497	melanoma
42069	ITPKC	19	41223499	melanoma
42070	SNRPA	19	41263375	melanoma
42071	SNRPA	19	41263375	melanoma
42072	SNRPA	19	41263375	melanoma
42073	SNRPA	19	41263375	melanoma
42074	SNRPA	19	41268890	melanoma
42075	EGLN2	19	41306569	Codel
42076	EGLN2	19	41306569	Codel
42077	EGLN2	19	41306569	IDHmut
42078	EGLN2	19	41306569	IDHmut
42079	EGLN2	19	41306569	IDHmut_codel
42080	EGLN2	19	41306569	IDHmut_codel
42081	EGLN2	19	41306569	LGG GBM
42082	EGLN2	19	41306569	LGG GBM
42083	EGLN2	19	41306569	Oligo
42084	EGLN2	19	41306569	Oligo
42085	EGLN2	19	41306569	Proneural
42086	EGLN2	19	41306569	Proneural
42087	CYP2A7	19	41385996	Gbm
42088	CYP2A7	19	41385996	IDHwt
42089	CYP2A7	19	41385996	IDHwt_priGBM
42090	CYP2A7	19	41385996	LGG GBM
42091	CYP2A7	19	41385996	Mesenchymal_like
42092	CYP2B6	19	41512899	melanoma
42093	CYP2B6	19	41515937	lung
42094	CYP2B6	19	41518235	melanoma
42095	CYP2B6	19	41518235	melanoma
42096	CYP2B6	19	41522698	melanoma
42097	CYP2A13	19	41597811	melanoma
42098	CYP2A13	19	41600876	bladder
42099	CYP2A13	19	41601712	melanoma
42100	CYP2A13	19	41601712	melanoma
42101	CYP2A13	19	41601785	melanoma
42102	CYP2A13	19	41601812	Astr
42103	CYP2A13	19	41601812	GCIMP_low
42104	CYP2A13	19	41601812	IDHmut
42105	CYP2A13	19	41601812	IDHmut_noncodel
42106	CYP2A13	19	41601812	LGG GBM
42107	CYP2F1	19	41628857	bladder

42108	AXL	19	41725331	melanoma
42109	AXL	19	41725331	melanoma
42110	AXL	19	41726556	melanoma
42111	AXL	19	41726646	melanoma
42112	AXL	19	41726646	melanoma
42113	AXL	19	41748854	melanoma
42114	HNRNPUL1	19	41798174	melanoma
42115	EXOSC5	19	41898852	melanoma
42116	EXOSC5	19	41898852	melanoma
42117	BCKDHA	19	41916548	melanoma
42118	BCKDHA	19	41930377	melanoma
42119	CEACAM21	19	42083663	melanoma
42120	CEACAM21	19	42085672	melanoma
42121	CEACAM21	19	42091821	melanoma
42122	CEACAM7	19	42191149	melanoma
42123	CEACAM5	19	42212691	melanoma
42124	CEACAM5	19	42213610	melanoma
42125	CEACAM5	19	42213610	melanoma
42126	CEACAM5	19	42218937	melanoma
42127	CEACAM5	19	42221445	bladder
42128	CEACAM6	19	42259554	GCIMP_high
42129	CEACAM6	19	42259554	IDHmut
42130	CEACAM6	19	42259554	IDHmut_noncodel
42131	CEACAM6	19	42259554	LGG GBM
42132	CEACAM6	19	42259554	Neural
42133	CEACAM6	19	42259554	OligoAstr
42134	CEACAM6	19	42260760	melanoma
42135	CEACAM6	19	42265213	melanoma
42136	CEACAM6	19	42265901	melanoma
42137	CEACAM6	19	42265901	melanoma
42138	CEACAM6	19	42265964	melanoma
42139	LYPD4	19	42341414	melanoma
42140	LYPD4	19	42342041	Classic
42141	LYPD4	19	42342041	Classic_like
42142	LYPD4	19	42342041	Gbm
42143	LYPD4	19	42342041	IDHwt
42144	LYPD4	19	42342041	IDHwt_priGBM
42145	LYPD4	19	42342041	LGG GBM
42146	LYPD4	19	42342222	Gbm
42147	LYPD4	19	42342222	IDHwt
42148	LYPD4	19	42342222	IDHwt_priGBM
42149	LYPD4	19	42342222	LGG GBM
42150	LYPD4	19	42342222	Mesenchymal_like
42151	LYPD4	19	42343039	melanoma
42152	LYPD4	19	42343039	melanoma
42153	RPS19	19	42373112	melanoma
42154	ATP1A3	19	42471897	lung
42155	ATP1A3	19	42482110	melanoma
42156	ATP1A3	19	42482211	melanoma
42157	GRIK5	19	42510094	melanoma
42158	GRIK5	19	42510094	melanoma
42159	GRIK5	19	42546847	melanoma
42160	GRIK5	19	42569447	melanoma
42161	ZNF574	19	42584944	melanoma
42162	ZNF526	19	42730234	Classic_like
42163	ZNF526	19	42730234	Classic_like
42164	ZNF526	19	42730234	Classic_like
42165	ZNF526	19	42730234	Gbm

42166	ZNF526	19	42730234	Gbm
42167	ZNF526	19	42730234	Gbm
42168	ZNF526	19	42730234	IDHwt
42169	ZNF526	19	42730234	IDHwt
42170	ZNF526	19	42730234	IDHwt
42171	ZNF526	19	42730234	IDHwt_priGBM
42172	ZNF526	19	42730234	IDHwt_priGBM
42173	ZNF526	19	42730234	IDHwt_priGBM
42174	ZNF526	19	42730234	LGG GBM
42175	ZNF526	19	42730234	LGG GBM
42176	ZNF526	19	42730234	LGG GBM
42177	ZNF526	19	42730234	Mesenchymal
42178	ZNF526	19	42730234	Mesenchymal
42179	ZNF526	19	42730234	Mesenchymal
42180	GSK3A	19	42740769	melanoma
42181	ERF	19	42752667	melanoma
42182	CIC	19	42791715	Codel
42183	CIC	19	42791715	Codel
42184	CIC	19	42791715	IDHmut
42185	CIC	19	42791715	IDHmut
42186	CIC	19	42791715	IDHmut_codel
42187	CIC	19	42791715	IDHmut_codel
42188	CIC	19	42791715	LGG GBM
42189	CIC	19	42791715	LGG GBM
42190	CIC	19	42791715	Proneural
42191	CIC	19	42791715	Proneural
42192	CIC	19	42791718	Codel
42193	CIC	19	42791718	IDHmut
42194	CIC	19	42791718	IDHmut_codel
42195	CIC	19	42791718	LGG GBM
42196	CIC	19	42791718	Oligo
42197	CIC	19	42791718	Proneural
42198	CIC	19	42791721	Codel
42199	CIC	19	42791721	IDHmut
42200	CIC	19	42791721	IDHmut_codel
42201	CIC	19	42791721	LGG GBM
42202	CIC	19	42791721	Oligo
42203	CIC	19	42791721	Proneural
42204	CIC	19	42791721	Codel
42205	CIC	19	42791721	IDHmut
42206	CIC	19	42791721	IDHmut_codel
42207	CIC	19	42791721	LGG GBM
42208	CIC	19	42791721	Neural
42209	CIC	19	42791721	Oligo
42210	CIC	19	42791722	Codel
42211	CIC	19	42791722	Codel
42212	CIC	19	42791722	Codel
42213	CIC	19	42791722	IDHmut
42214	CIC	19	42791722	IDHmut
42215	CIC	19	42791722	IDHmut
42216	CIC	19	42791722	IDHmut_codel
42217	CIC	19	42791722	IDHmut_codel
42218	CIC	19	42791722	IDHmut_codel
42219	CIC	19	42791722	LGG GBM
42220	CIC	19	42791722	LGG GBM
42221	CIC	19	42791722	LGG GBM
42222	CIC	19	42791722	Oligo
42223	CIC	19	42791722	Oligo

42224	CIC	19	42791722	Oligo
42225	CIC	19	42791722	Proneural
42226	CIC	19	42791722	Proneural
42227	CIC	19	42791722	Proneural
42228	CIC	19	42791728	Codel
42229	CIC	19	42791728	IDHmut
42230	CIC	19	42791728	IDHmut_codel
42231	CIC	19	42791728	LGG GBM
42232	CIC	19	42791728	Neural
42233	CIC	19	42791728	Oligo
42234	CIC	19	42791752	Codel
42235	CIC	19	42791752	IDHmut
42236	CIC	19	42791752	IDHmut_codel
42237	CIC	19	42791752	LGG GBM
42238	CIC	19	42791752	Oligo
42239	CIC	19	42791757	Codel
42240	CIC	19	42791757	IDHmut
42241	CIC	19	42791757	IDHmut_codel
42242	CIC	19	42791757	LGG GBM
42243	CIC	19	42791757	Oligo
42244	CIC	19	42791757	Proneural
42245	CIC	19	42791757	Codel
42246	CIC	19	42791757	IDHmut
42247	CIC	19	42791757	IDHmut_codel
42248	CIC	19	42791757	LGG GBM
42249	CIC	19	42791757	Proneural
42250	CIC	19	42791757	Codel
42251	CIC	19	42791757	Codel
42252	CIC	19	42791757	IDHmut
42253	CIC	19	42791757	IDHmut
42254	CIC	19	42791757	IDHmut_codel
42255	CIC	19	42791757	IDHmut_codel
42256	CIC	19	42791757	LGG GBM
42257	CIC	19	42791757	LGG GBM
42258	CIC	19	42791757	Oligo
42259	CIC	19	42791757	Oligo
42260	CIC	19	42791758	Codel
42261	CIC	19	42791758	IDHmut
42262	CIC	19	42791758	IDHmut_codel
42263	CIC	19	42791758	LGG GBM
42264	CIC	19	42791758	OligoAstr
42265	CIC	19	42791758	Proneural
42266	CIC	19	42791808	Codel
42267	CIC	19	42791808	IDHmut
42268	CIC	19	42791808	IDHmut_codel
42269	CIC	19	42791808	LGG GBM
42270	CIC	19	42791808	Oligo
42271	CIC	19	42793418	melanoma
42272	CIC	19	42796889	melanoma
42273	PRR19	19	42813860	melanoma
42274	TMEM145	19	42819369	melanoma
42275	TMEM145	19	42821045	melanoma
42276	MEGF8	19	42840979	melanoma
42277	MEGF8	19	42880491	melanoma
42278	MEGF8	19	42880556	melanoma
42279	MEGF8	19	42880556	melanoma
42280	LIPE	19	42930686	Astr
42281	LIPE	19	42930686	GCIMP_high

42282	LIPE	19	42930686	IDHmut
42283	LIPE	19	42930686	IDHmut_noncode1
42284	LIPE	19	42930686	LGG GBM
42285	CEACAM8	19	43097848	melanoma
42286	CEACAM8	19	43097848	melanoma
42287	PSG3	19	43234008	melanoma
42288	PSG3	19	43234008	melanoma
42289	PSG3	19	43234008	melanoma
42290	PSG8	19	43259218	melanoma
42291	PSG8	19	43259226	Gbm
42292	PSG8	19	43259226	IDHwt
42293	PSG8	19	43259226	IDHwt_priGBM
42294	PSG8	19	43259226	LGG GBM
42295	PSG8	19	43259226	LGm6_GBM
42296	PSG8	19	43259226	Mesenchymal
42297	PSG8	19	43262184	melanoma
42298	PSG8	19	43262204	melanoma
42299	PSG8	19	43262430	melanoma
42300	PSG8	19	43268152	melanoma
42301	PSG8	19	43269684	melanoma
42302	PSG1	19	43376039	melanoma
42303	PSG1	19	43376039	melanoma
42304	PSG1	19	43383684	melanoma
42305	PSG6	19	43411094	lung
42306	PSG6	19	43420390	melanoma
42307	PSG11	19	43523042	melanoma
42308	PSG11	19	43523042	melanoma
42309	PSG11	19	43523198	Gbm
42310	PSG11	19	43523198	IDHwt
42311	PSG11	19	43523198	IDHwt_priGBM
42312	PSG11	19	43523198	LGG GBM
42313	PSG11	19	43523198	Mesenchymal_like
42314	PSG11	19	43523198	Proneural
42315	PSG11	19	43528867	melanoma
42316	PSG2	19	43575885	melanoma
42317	PSG5	19	43679606	Gbm
42318	PSG5	19	43679606	Gbm
42319	PSG5	19	43679606	Gbm
42320	PSG5	19	43679606	IDHwt
42321	PSG5	19	43679606	IDHwt
42322	PSG5	19	43679606	IDHwt
42323	PSG5	19	43679606	IDHwt_priGBM
42324	PSG5	19	43679606	IDHwt_priGBM
42325	PSG5	19	43679606	IDHwt_priGBM
42326	PSG5	19	43679606	LGG GBM
42327	PSG5	19	43679606	LGG GBM
42328	PSG5	19	43679606	LGG GBM
42329	PSG5	19	43679606	Mesenchymal
42330	PSG5	19	43679606	Mesenchymal
42331	PSG5	19	43679606	Mesenchymal
42332	PSG5	19	43679606	Mesenchymal_like
42333	PSG5	19	43679606	Mesenchymal_like
42334	PSG5	19	43679606	Mesenchymal_like
42335	PSG5	19	43680253	melanoma
42336	PSG5	19	43689122	Gbm
42337	PSG5	19	43689122	IDHwt
42338	PSG5	19	43689122	IDHwt_priGBM
42339	PSG5	19	43689122	LGG GBM

42340	PSG9	19	43763240	melanoma
42341	PSG9	19	43772013	melanoma
42342	PSG9	19	43772155	melanoma
42343	TEX101	19	43922478	melanoma
42344	PHLDB3	19	43998868	melanoma
42345	XRCC1	19	44050830	melanoma
42346	XRCC1	19	44050830	melanoma
42347	XRCC1	19	44058922	melanoma
42348	XRCC1	19	44058922	melanoma
42349	XRCC1	19	44058922	melanoma
42350	XRCC1	19	44058922	melanoma
42351	ZNF576	19	44103081	GCIMP_high
42352	ZNF576	19	44103081	GCIMP_high
42353	ZNF576	19	44103081	IDHmut
42354	ZNF576	19	44103081	IDHmut
42355	ZNF576	19	44103081	IDHmut_noncodel
42356	ZNF576	19	44103081	IDHmut_noncodel
42357	ZNF576	19	44103081	LGG GBM
42358	ZNF576	19	44103081	LGG GBM
42359	CADM4	19	44130129	melanoma
42360	CADM4	19	44130130	melanoma
42361	IRGC	19	44223423	melanoma
42362	IRGC	19	44223423	melanoma
42363	IRGC	19	44223423	melanoma
42364	SMG9	19	44235785	melanoma
42365	SMG9	19	44238644	lung
42366	SMG9	19	44252161	melanoma
42367	ZNF283	19	44351690	melanoma
42368	ZNF283	19	44352583	melanoma
42369	ZNF283	19	44352583	melanoma
42370	ZNF404	19	44377371	melanoma
42371	ZNF404	19	44377825	melanoma
42372	ZNF404	19	44384213	melanoma
42373	ZNF230	19	44513253	melanoma
42374	ZNF230	19	44514993	bladder
42375	ZNF222	19	44536246	melanoma
42376	ZNF224	19	44611115	melanoma
42377	ZNF234	19	44660620	melanoma
42378	ZNF226	19	44680542	melanoma
42379	ZNF226	19	44680542	melanoma
42380	ZNF112	19	44831705	melanoma
42381	ZNF229	19	44936454	melanoma
42382	ZNF180	19	44980987	melanoma
42383	PVR	19	45150735	melanoma
42384	PVR	19	45153128	melanoma
42385	CEACAM19	19	45176219	Codel
42386	CEACAM19	19	45176219	IDHmut
42387	CEACAM19	19	45176219	IDHmut_codel
42388	CEACAM19	19	45176219	LGG GBM
42389	CEACAM19	19	45176219	Oligo
42390	CEACAM19	19	45176219	Proneural
42391	CEACAM16	19	45206699	melanoma
42392	CEACAM16	19	45208902	Classic_like
42393	CEACAM16	19	45208902	Classic_like
42394	CEACAM16	19	45208902	Classic_like
42395	CEACAM16	19	45208902	Gbm
42396	CEACAM16	19	45208902	Gbm
42397	CEACAM16	19	45208902	Gbm

42398	CEACAM16	19	45208902	IDHwt
42399	CEACAM16	19	45208902	IDHwt
42400	CEACAM16	19	45208902	IDHwt
42401	CEACAM16	19	45208902	IDHwt_priGBM
42402	CEACAM16	19	45208902	IDHwt_priGBM
42403	CEACAM16	19	45208902	IDHwt_priGBM
42404	CEACAM16	19	45208902	LGG GBM
42405	CEACAM16	19	45208902	LGG GBM
42406	CEACAM16	19	45208902	LGG GBM
42407	CEACAM16	19	45208902	Mesenchymal
42408	CEACAM16	19	45208902	Mesenchymal
42409	CEACAM16	19	45208902	Mesenchymal
42410	BCL3	19	45261561	melanoma
42411	BCL3	19	45261561	melanoma
42412	BCL3	19	45261561	melanoma
42413	BCL3	19	45262750	melanoma
42414	BCL3	19	45262750	melanoma
42415	CBLC	19	45284576	melanoma
42416	BCAM	19	45317981	melanoma
42417	NECTIN2	19	45377194	melanoma
42418	TOMM40	19	45406337	melanoma
42419	TOMM40	19	45406338	melanoma
42420	CLPTM1	19	45493697	lung
42421	CLPTM1	19	45493697	lung
42422	NKPD1	19	45655785	lung
42423	TRAPPC6A	19	45681443	lung
42424	MARK4	19	45801415	melanoma
42425	KLC3	19	45852714	melanoma
42426	ERCC2	19	45855472	melanoma
42427	ERCC2	19	45858101	Astr
42428	ERCC2	19	45858101	Classic
42429	ERCC2	19	45858101	Classic_like
42430	ERCC2	19	45858101	IDHwt
42431	ERCC2	19	45858101	LGG GBM
42432	ERCC2	19	45864865	lung
42433	ERCC2	19	45867154	melanoma
42434	PPP1R13L	19	45889133	melanoma
42435	PPP1R13L	19	45889133	melanoma
42436	PPP1R13L	19	45889133	melanoma
42437	PPP1R13L	19	45898942	melanoma
42438	RTN2	19	45992159	melanoma
42439	QPCTL	19	46198891	melanoma
42440	FBXO46	19	46215949	melanoma
42441	SIX5	19	46269111	melanoma
42442	DMPK	19	46280587	Gbm
42443	DMPK	19	46280587	IDHwt
42444	DMPK	19	46280587	IDHwt_priGBM
42445	DMPK	19	46280587	LGG GBM
42446	DMPK	19	46280587	Mesenchymal_like
42447	RSPH6A	19	46303755	melanoma
42448	RSPH6A	19	46308114	melanoma
42449	SYMPK	19	46338456	Classic
42450	SYMPK	19	46338456	Classic
42451	SYMPK	19	46338456	Classic_like
42452	SYMPK	19	46338456	Classic_like
42453	SYMPK	19	46338456	Gbm
42454	SYMPK	19	46338456	Gbm
42455	SYMPK	19	46338456	IDHwt

42456	SYMPK	19	46338456	IDHwt
42457	SYMPK	19	46338456	IDHwt_priGBM
42458	SYMPK	19	46338456	IDHwt_priGBM
42459	SYMPK	19	46338456	LGG GBM
42460	SYMPK	19	46338456	LGG GBM
42461	SYMPK	19	46338461	melanoma
42462	SYMPK	19	46338461	melanoma
42463	SYMPK	19	46338461	melanoma
42464	NANOS2	19	46417780	melanoma
42465	IGFL2	19	46663710	melanoma
42466	IGFL2	19	46663716	melanoma
42467	HIF3A	19	46815828	melanoma
42468	HIF3A	19	46832630	Classic_like
42469	HIF3A	19	46832630	Gbm
42470	HIF3A	19	46832630	IDHwt
42471	HIF3A	19	46832630	IDHwt_priGBM
42472	HIF3A	19	46832630	LGG GBM
42473	CCDC8	19	46915511	melanoma
42474	CCDC8	19	46915568	Gbm
42475	CCDC8	19	46915568	LGG GBM
42476	CCDC8	19	46915568	Mesenchymal_like
42477	CCDC8	19	46915568	Neural
42478	CCDC8	19	46915987	bladder
42479	PNMA8A	19	46973386	lung
42480	DACT3	19	47151806	melanoma
42481	DACT3	19	47151806	melanoma
42482	PRKD2	19	47181874	melanoma
42483	STRN4	19	47236410	hnscc
42484	FKRP	19	47258733	melanoma
42485	FKRP	19	47259392	melanoma
42486	SLC1A5	19	47287779	bladder
42487	NPAS1	19	47524392	lung
42488	NPAS1	19	47543769	lung
42489	NPAS1	19	47543769	lung
42490	ZC3H4	19	47570166	melanoma
42491	ZC3H4	19	47570166	melanoma
42492	CCDC9	19	47774919	Astr
42493	CCDC9	19	47774919	Astr
42494	CCDC9	19	47774919	GCIMP_high
42495	CCDC9	19	47774919	GCIMP_high
42496	CCDC9	19	47774919	IDHmut
42497	CCDC9	19	47774919	IDHmut
42498	CCDC9	19	47774919	IDHmut_noncodel
42499	CCDC9	19	47774919	IDHmut_noncodel
42500	CCDC9	19	47774919	LGG GBM
42501	CCDC9	19	47774919	LGG GBM
42502	CCDC9	19	47774919	Neural
42503	CCDC9	19	47774919	Neural
42504	C5AR1	19	47823297	Classic
42505	C5AR1	19	47823297	Classic_like
42506	C5AR1	19	47823297	Gbm
42507	C5AR1	19	47823297	IDHwt
42508	C5AR1	19	47823297	IDHwt_priGBM
42509	C5AR1	19	47823297	LGG GBM
42510	C5AR1	19	47823567	Classic
42511	C5AR1	19	47823567	Classic_like
42512	C5AR1	19	47823567	Gbm
42513	C5AR1	19	47823567	IDHwt

42514	C5AR1	19	47823567	IDHwt_priGBM
42515	C5AR1	19	47823567	LGG GBM
42516	C5AR2	19	47844286	melanoma
42517	C5AR2	19	47844957	lung
42518	DHX34	19	47861304	melanoma
42519	SLC8A2	19	47969248	melanoma
42520	SLC8A2	19	47969248	melanoma
42521	BICRA	19	48183875	melanoma
42522	BICRA	19	48184028	bladder
42523	BICRA	19	48184028	bladder
42524	BICRA	19	48184267	lung
42525	BICRA	19	48204915	melanoma
42526	EHD2	19	48239749	melanoma
42527	EHD2	19	48244574	melanoma
42528	EHD2	19	48244597	melanoma
42529	TPRX1	19	48305133	melanoma
42530	TPRX1	19	48305295	melanoma
42531	CRX	19	48337791	lung
42532	CRX	19	48339610	melanoma
42533	CRX	19	48342833	melanoma
42534	SULT2A1	19	48377964	melanoma
42535	SULT2A1	19	48377964	melanoma
42536	SULT2A1	19	48386844	melanoma
42537	CABP5	19	48542505	melanoma
42538	CABP5	19	48543904	melanoma
42539	CABP5	19	48543904	melanoma
42540	LIG1	19	48619153	lung
42541	LIG1	19	48619153	lung
42542	LIG1	19	48643336	melanoma
42543	LIG1	19	48660276	melanoma
42544	CCDC114	19	48800678	melanoma
42545	GRIN2D	19	48908477	melanoma
42546	GRWD1	19	48950081	melanoma
42547	LMTK3	19	49002971	melanoma
42548	SULT2B1	19	49090540	melanoma
42549	SULT2B1	19	49090642	melanoma
42550	SULT2B1	19	49090642	melanoma
42551	SULT2B1	19	49090642	melanoma
42552	SULT2B1	19	49090651	Classic like
42553	SULT2B1	19	49090651	Classic like
42554	SULT2B1	19	49090651	IDHwt
42555	SULT2B1	19	49090651	IDHwt
42556	SULT2B1	19	49090651	LGG GBM
42557	SULT2B1	19	49090651	LGG GBM
42558	FAM83E	19	49107127	melanoma
42559	FAM83E	19	49107127	melanoma
42560	FAM83E	19	49107127	melanoma
42561	SPACA4	19	49110389	melanoma
42562	SPACA4	19	49110490	lung
42563	RPL18	19	49120586	melanoma
42564	RPL18	19	49120586	melanoma
42565	CA11	19	49142814	melanoma
42566	CA11	19	49142814	melanoma
42567	CA11	19	49142814	melanoma
42568	CA11	19	49143398	melanoma
42569	CA11	19	49143405	melanoma
42570	NTN5	19	49165035	melanoma
42571	FUT2	19	49206337	melanoma

42572	RASIP1	19	49227649	GCIMP_high
42573	RASIP1	19	49227649	IDHmut
42574	RASIP1	19	49227649	IDHmut_noncodel
42575	RASIP1	19	49227649	LGG GBM
42576	RASIP1	19	49227649	Oligo
42577	RASIP1	19	49227649	Proneural
42578	RASIP1	19	49242652	lung
42579	IZUMO1	19	49247794	melanoma
42580	FUT1	19	49254336	melanoma
42581	PPP1R15A	19	49377623	melanoma
42582	PPP1R15A	19	49377623	melanoma
42583	CGB2	19	49536399	melanoma
42584	CGB7	19	49557610	melanoma
42585	CGB7	19	49557610	melanoma
42586	NTF4	19	49565092	hnscc
42587	KCNA7	19	49573531	melanoma
42588	KCNA7	19	49573531	melanoma
42589	PPFIA3	19	49646157	lung
42590	PPFIA3	19	49646157	lung
42591	HRC	19	49656537	melanoma
42592	TRPM4	19	49685866	melanoma
42593	SLC6A16	19	49797655	melanoma
42594	SLC6A16	19	49814504	melanoma
42595	TEAD2	19	49854561	melanoma
42596	TEAD2	19	49858591	bladder
42597	TEAD2	19	49858609	melanoma
42598	DKKL1	19	49869086	melanoma
42599	CCDC155	19	49912520	melanoma
42600	CCDC155	19	49920480	melanoma
42601	SLC17A7	19	49934369	Classic
42602	SLC17A7	19	49934369	Classic_like
42603	SLC17A7	19	49934369	Gbm
42604	SLC17A7	19	49934369	IDHwt
42605	SLC17A7	19	49934369	IDHwt_priGBM
42606	SLC17A7	19	49934369	LGG GBM
42607	SLC17A7	19	49944600	melanoma
42608	PIH1D1	19	49951086	melanoma
42609	PIH1D1	19	49954795	lung
42610	RPL13A	19	49993774	melanoma
42611	NOSIP	19	50059052	melanoma
42612	PRR12	19	50097727	melanoma
42613	PRR12	19	50098019	melanoma
42614	PRR12	19	50098020	melanoma
42615	PRR12	19	50098020	melanoma
42616	PRR12	19	50098329	Astr
42617	PRR12	19	50098329	IDHwt
42618	PRR12	19	50098329	LGG GBM
42619	PRR12	19	50098329	Mesenchymal
42620	PRR12	19	50098329	Mesenchymal_like
42621	RRAS	19	50140129	IDHwt
42622	RRAS	19	50140129	LGG GBM
42623	RRAS	19	50140129	Mesenchymal_like
42624	RRAS	19	50140129	Neural
42625	RRAS	19	50140129	OligoAstr
42626	SCAF1	19	50158045	melanoma
42627	SCAF1	19	50158045	melanoma
42628	SCAF1	19	50161586	melanoma
42629	BCL2L12	19	50172163	hnscc

42630	BCL2L12	19	50173486	melanoma
42631	ADM5	19	50193128	melanoma
42632	CPT1C	19	50195610	melanoma
42633	CPT1C	19	50210867	melanoma
42634	TSKS	19	50247621	melanoma
42635	TSKS	19	50247621	melanoma
42636	TSKS	19	50247621	melanoma
42637	TSKS	19	50266391	lung
42638	AP2A1	19	50302610	melanoma
42639	AP2A1	19	50302610	melanoma
42640	AP2A1	19	50302712	melanoma
42641	AP2A1	19	50304684	bladder
42642	AP2A1	19	50304684	bladder
42643	MED25	19	50333405	melanoma
42644	PTOV1	19	50358248	melanoma
42645	TBC1D17	19	50387600	melanoma
42646	TBC1D17	19	50391760	lung
42647	TBC1D17	19	50391760	lung
42648	IL4I1	19	50394723	melanoma
42649	IL4I1	19	50397668	melanoma
42650	IL4I1	19	50397668	melanoma
42651	IL4I1	19	50399086	bladder
42652	NUP62	19	50412988	melanoma
42653	NUP62	19	50412988	melanoma
42654	NUP62	19	50413025	melanoma
42655	ATF5	19	50436096	melanoma
42656	SIGLEC11	19	50461750	lung
42657	SIGLEC11	19	50462044	melanoma
42658	SIGLEC11	19	50464015	melanoma
42659	ZNF473	19	50549702	melanoma
42660	ZNF473	19	50550309	melanoma
42661	IZUMO2	19	50657899	melanoma
42662	MYH14	19	50735315	melanoma
42663	MYH14	19	50735315	melanoma
42664	MYH14	19	50766673	melanoma
42665	MYH14	19	50784983	melanoma
42666	KCNC3	19	50826391	melanoma
42667	KCNC3	19	50826391	melanoma
42668	KCNC3	19	50826391	melanoma
42669	NR1H2	19	50881460	melanoma
42670	NR1H2	19	50881460	melanoma
42671	SPIB	19	50926125	melanoma
42672	MYBPC2	19	50958437	melanoma
42673	MYBPC2	19	50962002	melanoma
42674	MYBPC2	19	50967721	melanoma
42675	JOSD2	19	51010942	melanoma
42676	JOSD2	19	51010942	melanoma
42677	LRRC4B	19	51021087	hnsc
42678	LRRC4B	19	51022537	Codel
42679	LRRC4B	19	51022537	IDHmut
42680	LRRC4B	19	51022537	IDHmut_codel
42681	LRRC4B	19	51022537	LGG GBM
42682	LRRC4B	19	51022537	Oligo
42683	LRRC4B	19	51022537	Proneural
42684	SYT3	19	51133165	melanoma
42685	SYT3	19	51133165	melanoma
42686	SHANK1	19	51175283	melanoma
42687	SHANK1	19	51205802	Gbm

42688	SHANK1	19	51205802	IDHwt
42689	SHANK1	19	51205802	IDHwt_priGBM
42690	SHANK1	19	51205802	LGG GBM
42691	SHANK1	19	51205802	Neural
42692	GPR32	19	51274077	Gbm
42693	GPR32	19	51274077	IDHwt
42694	GPR32	19	51274077	IDHwt_priGBM
42695	GPR32	19	51274077	LGG GBM
42696	GPR32	19	51274077	Mesenchymal
42697	GPR32	19	51274894	melanoma
42698	C19orf48	19	51301380	Classic
42699	C19orf48	19	51301380	Gbm
42700	C19orf48	19	51301380	IDHwt
42701	C19orf48	19	51301380	IDHwt_priGBM
42702	C19orf48	19	51301380	LGG GBM
42703	C19orf48	19	51301380	Mesenchymal_like
42704	C19orf48	19	51301536	Astr
42705	C19orf48	19	51301536	Astr
42706	C19orf48	19	51301536	GCIMP_low
42707	C19orf48	19	51301536	GCIMP_low
42708	C19orf48	19	51301536	IDHmut
42709	C19orf48	19	51301536	IDHmut
42710	C19orf48	19	51301536	IDHmut_noncodel
42711	C19orf48	19	51301536	IDHmut_noncodel
42712	C19orf48	19	51301536	LGG GBM
42713	C19orf48	19	51301536	LGG GBM
42714	C19orf48	19	51301536	Proneural
42715	C19orf48	19	51301536	Proneural
42716	KLK1	19	51323463	lung
42717	KLK15	19	51330266	melanoma
42718	KLK15	19	51330305	Gbm
42719	KLK15	19	51330305	Gbm
42720	KLK15	19	51330305	IDHwt
42721	KLK15	19	51330305	IDHwt
42722	KLK15	19	51330305	IDHwt_priGBM
42723	KLK15	19	51330305	IDHwt_priGBM
42724	KLK15	19	51330305	LGG GBM
42725	KLK15	19	51330305	LGG GBM
42726	KLK15	19	51330305	Mesenchymal
42727	KLK15	19	51330305	Mesenchymal
42728	KLK15	19	51330305	Mesenchymal_like
42729	KLK15	19	51330305	Mesenchymal_like
42730	KLK5	19	51452018	Classic
42731	KLK5	19	51452018	Gbm
42732	KLK5	19	51452018	IDHwt
42733	KLK5	19	51452018	IDHwt_priGBM
42734	KLK5	19	51452018	LGG GBM
42735	KLK5	19	51452018	Mesenchymal_like
42736	KLK5	19	51452325	melanoma
42737	KLK7	19	51483553	melanoma
42738	KLK9	19	51509764	Classic_like
42739	KLK9	19	51509764	IDHwt
42740	KLK9	19	51509764	LGG GBM
42741	KLK9	19	51509896	melanoma
42742	KLK9	19	51509927	melanoma
42743	KLK14	19	51582136	melanoma
42744	SIGLEC9	19	51628886	melanoma
42745	SIGLEC9	19	51628910	lung

42746	SIGLEC9	19	51630344	Gbm
42747	SIGLEC9	19	51630344	IDHwt
42748	SIGLEC9	19	51630344	IDHwt_priGBM
42749	SIGLEC9	19	51630344	LGG GBM
42750	SIGLEC9	19	51630344	Mesenchymal
42751	SIGLEC9	19	51630344	Mesenchymal_like
42752	SIGLEC7	19	51645799	melanoma
42753	SIGLEC7	19	51645832	melanoma
42754	CD33	19	51728575	Gbm
42755	CD33	19	51728575	IDHwt
42756	CD33	19	51728575	IDHwt_priGBM
42757	CD33	19	51728575	LGG GBM
42758	CD33	19	51728575	Mesenchymal_like
42759	CD33	19	51729570	melanoma
42760	IGLON5	19	51825348	melanoma
42761	SIGLEC10	19	51919277	melanoma
42762	CEACAM18	19	51983697	melanoma
42763	CEACAM18	19	51984686	melanoma
42764	CEACAM18	19	51984686	melanoma
42765	CEACAM18	19	51986373	melanoma
42766	CEACAM18	19	51986373	melanoma
42767	SIGLEC12	19	51995064	Codel
42768	SIGLEC12	19	51995064	IDHmut
42769	SIGLEC12	19	51995064	IDHmut_codel
42770	SIGLEC12	19	51995064	LGG GBM
42771	SIGLEC12	19	51995064	Oligo
42772	SIGLEC12	19	52001296	melanoma
42773	SIGLEC12	19	52001296	melanoma
42774	SIGLEC12	19	52001304	melanoma
42775	SIGLEC12	19	52001458	melanoma
42776	SIGLEC12	19	52001458	melanoma
42777	SIGLEC12	19	52002898	melanoma
42778	SIGLEC6	19	52033702	melanoma
42779	SIGLEC6	19	52034114	Classic
42780	SIGLEC6	19	52034114	Classic_like
42781	SIGLEC6	19	52034114	Gbm
42782	SIGLEC6	19	52034114	IDHwt
42783	SIGLEC6	19	52034114	IDHwt_priGBM
42784	SIGLEC6	19	52034114	LGG GBM
42785	SIGLEC6	19	52034681	Astr
42786	SIGLEC6	19	52034681	GCIMP_high
42787	SIGLEC6	19	52034681	IDHmut
42788	SIGLEC6	19	52034681	IDHmut_noncodel
42789	SIGLEC6	19	52034681	LGG GBM
42790	SIGLEC6	19	52034681	Proneural
42791	ZNF175	19	52091536	melanoma
42792	SIGLEC5	19	52129289	GCIMP_high
42793	SIGLEC5	19	52129289	IDHmut
42794	SIGLEC5	19	52129289	IDHmut_noncodel
42795	SIGLEC5	19	52129289	LGG GBM
42796	SIGLEC5	19	52132769	lung
42797	FPR1	19	52249299	melanoma
42798	FPR1	19	52249299	melanoma
42799	FPR1	19	52249299	melanoma
42800	FPR1	19	52250091	melanoma
42801	FPR1	19	52250202	melanoma
42802	FPR2	19	52271967	melanoma
42803	FPR2	19	52271967	melanoma

42804	FPR2	19	52271967	melanoma
42805	FPR2	19	52271967	melanoma
42806	FPR2	19	52271967	melanoma
42807	FPR2	19	52272068	melanoma
42808	FPR2	19	52272129	melanoma
42809	FPR2	19	52272353	melanoma
42810	FPR2	19	52272353	melanoma
42811	FPR2	19	52272357	melanoma
42812	FPR2	19	52272357	melanoma
42813	FPR2	19	52272357	melanoma
42814	FPR2	19	52272362	melanoma
42815	FPR3	19	52327243	melanoma
42816	FPR3	19	52327276	melanoma
42817	FPR3	19	52327867	melanoma
42818	FPR3	19	52327867	melanoma
42819	ZNF613	19	52448148	melanoma
42820	ZNF615	19	52497461	melanoma
42821	ZNF432	19	52538366	hnscc
42822	ZNF841	19	52568811	Classic
42823	ZNF841	19	52568811	Gbm
42824	ZNF841	19	52568811	IDHwt
42825	ZNF841	19	52568811	IDHwt_priGBM
42826	ZNF841	19	52568811	LGG GBM
42827	ZNF841	19	52568811	Mesenchymal_like
42828	ZNF616	19	52618795	Astr
42829	ZNF616	19	52618795	Astr
42830	ZNF616	19	52618795	GCIMP_high
42831	ZNF616	19	52618795	GCIMP_high
42832	ZNF616	19	52618795	IDHmut
42833	ZNF616	19	52618795	IDHmut
42834	ZNF616	19	52618795	IDHmut_noncodel
42835	ZNF616	19	52618795	IDHmut_noncodel
42836	ZNF616	19	52618795	LGG GBM
42837	ZNF616	19	52618795	LGG GBM
42838	ZNF616	19	52618795	Proneural
42839	ZNF616	19	52618795	Proneural
42840	ZNF616	19	52618874	melanoma
42841	ZNF836	19	52658275	lung
42842	ZNF836	19	52659488	melanoma
42843	ZNF836	19	52660412	melanoma
42844	ZNF836	19	52660412	melanoma
42845	ZNF766	19	52793643	melanoma
42846	ZNF766	19	52793643	melanoma
42847	ZNF480	19	52826068	lung
42848	ZNF528	19	52918518	melanoma
42849	ZNF528	19	52918580	melanoma
42850	ZNF528	19	52919568	melanoma
42851	ZNF534	19	52937245	melanoma
42852	ZNF534	19	52941209	lung
42853	ZNF534	19	52941209	lung
42854	ZNF534	19	52941587	melanoma
42855	ZNF534	19	52941587	melanoma
42856	ZNF534	19	52941923	melanoma
42857	ZNF534	19	52941923	melanoma
42858	ZNF534	19	52942511	melanoma
42859	ZNF578	19	53014323	melanoma
42860	ZNF578	19	53014743	melanoma
42861	ZNF578	19	53015063	melanoma

42862	ZNF808	19	53056858	melanoma
42863	ZNF808	19	53057124	bladder
42864	ZNF808	19	53058522	melanoma
42865	ZNF808	19	53058522	melanoma
42866	ZNF701	19	53085986	Classic
42867	ZNF701	19	53085986	Classic_like
42868	ZNF701	19	53085986	Gbm
42869	ZNF701	19	53085986	LGG GBM
42870	ZNF701	19	53086622	lung
42871	ZNF611	19	53208206	melanoma
42872	ZNF611	19	53208476	bladder
42873	ZNF611	19	53208716	lung
42874	ZNF611	19	53209052	melanoma
42875	ZNF611	19	53209718	melanoma
42876	ZNF611	19	53209718	melanoma
42877	ZNF611	19	53209718	melanoma
42878	ZNF600	19	53270719	melanoma
42879	ZNF600	19	53270719	melanoma
42880	ZNF28	19	53304464	bladder
42881	ZNF28	19	53304574	melanoma
42882	ZNF468	19	53344409	lung
42883	ZNF320	19	53383934	melanoma
42884	ZNF320	19	53383934	melanoma
42885	ZNF320	19	53384160	melanoma
42886	ZNF816-ZNF321F	19	53432206	melanoma
42887	ZNF415	19	53612780	melanoma
42888	ZNF347	19	53644219	bladder
42889	ZNF347	19	53644667	melanoma
42890	ZNF347	19	53644667	melanoma
42891	ZNF347	19	53652614	melanoma
42892	ZNF665	19	53668641	bladder
42893	ZNF677	19	53747064	lung
42894	VN1R4	19	53770848	melanoma
42895	BIRC8	19	53792952	lung
42896	BIRC8	19	53792952	lung
42897	BIRC8	19	53793471	melanoma
42898	ZNF845	19	53856007	Codel
42899	ZNF845	19	53856007	IDHmut
42900	ZNF845	19	53856007	IDHmut_codel
42901	ZNF845	19	53856007	LGG GBM
42902	ZNF845	19	53856007	Oligo
42903	ZNF845	19	53856695	lung
42904	ZNF765	19	53905439	melanoma
42905	ZNF765	19	53912309	melanoma
42906	ZNF813	19	53993803	bladder
42907	ZNF813	19	53993919	melanoma
42908	ZNF813	19	53993919	melanoma
42909	ZNF813	19	53994085	melanoma
42910	ZNF331	19	54074909	lung
42911	ZNF331	19	54080355	melanoma
42912	ZNF331	19	54080439	melanoma
42913	ZNF331	19	54080607	melanoma
42914	ZNF331	19	54081027	melanoma
42915	DPRX	19	54137815	melanoma
42916	DPRX	19	54137815	melanoma
42917	DPRX	19	54140150	lung
42918	NLRP12	19	54301591	melanoma
42919	NLRP12	19	54301591	melanoma

42920	NLRP12	19	54308571	melanoma
42921	NLRP12	19	54312898	Classic
42922	NLRP12	19	54312898	Classic
42923	NLRP12	19	54312898	Gbm
42924	NLRP12	19	54312898	Gbm
42925	NLRP12	19	54312898	IDHwt
42926	NLRP12	19	54312898	IDHwt
42927	NLRP12	19	54312898	IDHwt_priGBM
42928	NLRP12	19	54312898	IDHwt_priGBM
42929	NLRP12	19	54312898	LGG GBM
42930	NLRP12	19	54312898	LGG GBM
42931	NLRP12	19	54312898	Mesenchymal_like
42932	NLRP12	19	54312898	Mesenchymal_like
42933	NLRP12	19	54312977	melanoma
42934	NLRP12	19	54312985	melanoma
42935	NLRP12	19	54313058	IDHwt_priGBM2
42936	NLRP12	19	54314064	melanoma
42937	NLRP12	19	54314447	lung
42938	NLRP12	19	54314482	Astr
42939	NLRP12	19	54314482	GCIMP_high
42940	NLRP12	19	54314482	IDHmut
42941	NLRP12	19	54314482	IDHmut_noncodel
42942	NLRP12	19	54314482	LGG GBM
42943	NLRP12	19	54314482	Proneural
42944	NLRP12	19	54327194	Gbm
42945	NLRP12	19	54327194	IDHwt
42946	NLRP12	19	54327194	IDHwt_priGBM
42947	NLRP12	19	54327194	LGG GBM
42948	NLRP12	19	54327194	Mesenchymal
42949	NLRP12	19	54327194	Mesenchymal_like
42950	MYADM	19	54377015	melanoma
42951	MYADM	19	54377015	melanoma
42952	MYADM	19	54377015	melanoma
42953	MYADM	19	54377015	melanoma
42954	PRKCG	19	54403873	lung
42955	PRKCG	19	54407979	lung
42956	PRKCG	19	54407979	lung
42957	CACNG7	19	54416251	melanoma
42958	CACNG7	19	54417763	melanoma
42959	CACNG7	19	54444730	melanoma
42960	CACNG8	19	54466539	lung
42961	CACNG6	19	54501531	melanoma
42962	TARM1	19	54573384	melanoma
42963	PRPF31	19	54621804	lung
42964	PRPF31	19	54621804	lung
42965	PRPF31	19	54629912	Astr
42966	PRPF31	19	54629912	GCIMP_low
42967	PRPF31	19	54629912	IDHmut
42968	PRPF31	19	54629912	IDHmut_noncodel
42969	PRPF31	19	54629912	LGG GBM
42970	PRPF31	19	54629912	Proneural
42971	CNOT3	19	54656615	melanoma
42972	CNOT3	19	54656734	melanoma
42973	TMC4	19	54667515	Gbm
42974	TMC4	19	54667515	IDHwt
42975	TMC4	19	54667515	IDHwt_priGBM
42976	TMC4	19	54667515	LGG GBM
42977	TMC4	19	54667515	Mesenchymal

42978	MBOAT7	19	54687463	lung
42979	MBOAT7	19	54687463	lung
42980	LILRA6	19	54742893	lung
42981	LILRA6	19	54742893	lung
42982	LILRA6;LILRB3	19	54744185	melanoma
42983	LILRA6;LILRB3	19	54744185	melanoma
42984	LILRA6;LILRB3	19	54744185	melanoma
42985	LILRA6;LILRB3	19	54745499	melanoma
42986	LILRA6;LILRB3	19	54745499	melanoma
42987	LILRB5	19	54760618	melanoma
42988	LILRB2	19	54782170	melanoma
42989	LILRB2	19	54783304	melanoma
42990	LILRB2	19	54783314	melanoma
42991	LILRB2	19	54783786	melanoma
42992	LILRB2	19	54783786	melanoma
42993	LILRA3	19	54802563	melanoma
42994	LILRA4	19	54848328	lung
42995	LILRA4	19	54848399	melanoma
42996	LILRA4	19	54848923	Classic_like
42997	LILRA4	19	54848923	Gbm
42998	LILRA4	19	54848923	IDHwt
42999	LILRA4	19	54848923	IDHwt_priGBM
43000	LILRA4	19	54848923	LGG GBM
43001	LILRA4	19	54849804	IDHwt
43002	LILRA4	19	54849804	LGG GBM
43003	LILRA4	19	54849804	Mesenchymal_like
43004	LILRA4	19	54849804	Oligo
43005	LILRA4	19	54849891	melanoma
43006	LAIR1	19	54872759	lung
43007	TTYH1	19	54930375	Classic
43008	TTYH1	19	54930375	Classic_like
43009	TTYH1	19	54930375	Gbm
43010	TTYH1	19	54930375	IDHwt
43011	TTYH1	19	54930375	IDHwt_priGBM
43012	TTYH1	19	54930375	LGG GBM
43013	TTYH1	19	54941079	melanoma
43014	LAIR2	19	55014939	melanoma
43015	KIR3DX1	19	55047096	Classic
43016	KIR3DX1	19	55047096	Classic
43017	KIR3DX1	19	55047096	Classic
43018	KIR3DX1	19	55047096	Gbm
43019	KIR3DX1	19	55047096	Gbm
43020	KIR3DX1	19	55047096	Gbm
43021	KIR3DX1	19	55047096	IDHwt
43022	KIR3DX1	19	55047096	IDHwt
43023	KIR3DX1	19	55047096	IDHwt
43024	KIR3DX1	19	55047096	IDHwt_priGBM
43025	KIR3DX1	19	55047096	IDHwt_priGBM
43026	KIR3DX1	19	55047096	IDHwt_priGBM
43027	KIR3DX1	19	55047096	LGG GBM
43028	KIR3DX1	19	55047096	LGG GBM
43029	KIR3DX1	19	55047096	LGG GBM
43030	LILRA2	19	55086016	melanoma
43031	LILRA2	19	55086354	melanoma
43032	LILRA2	19	55086354	melanoma
43033	LILRA2	19	55086389	Codel
43034	LILRA2	19	55086389	IDHmut
43035	LILRA2	19	55086389	IDHmut_codel

43036	LILRA2	19	55086389	LGG GBM
43037	LILRA2	19	55086389	Oligo
43038	LILRA2	19	55086389	Proneural
43039	LILRA1	19	55106771	melanoma
43040	LILRA1	19	55107662	melanoma
43041	LILRA1	19	55107882	Astr
43042	LILRA1	19	55107882	IDHwt
43043	LILRA1	19	55107882	LGG GBM
43044	LILRA1	19	55107882	Mesenchymal
43045	LILRA1	19	55107882	PA_like
43046	LILRB1	19	55144671	melanoma
43047	LILRB4	19	55179409	melanoma
43048	KIR2DL1	19	55285055	melanoma
43049	KIR3DL1	19	55329988	lung
43050	KIR3DL1	19	55331302	melanoma
43051	FCAR	19	55399496	melanoma
43052	NCR1	19	55420775	melanoma
43053	NCR1	19	55420775	melanoma
43054	NLRP7	19	55439003	melanoma
43055	NLRP7	19	55439003	melanoma
43056	NLRP7	19	55450542	melanoma
43057	NLRP7	19	55450542	melanoma
43058	NLRP7	19	55451170	lung
43059	NLRP7	19	55451211	melanoma
43060	NLRP7	19	55452356	melanoma
43061	NLRP2	19	55481406	melanoma
43062	NLRP2	19	55481406	melanoma
43063	NLRP2	19	55493635	Astr
43064	NLRP2	19	55493635	Astr
43065	NLRP2	19	55493635	Astr
43066	NLRP2	19	55493635	Astr
43067	NLRP2	19	55493635	IDHwt
43068	NLRP2	19	55493635	IDHwt
43069	NLRP2	19	55493635	IDHwt
43070	NLRP2	19	55493635	IDHwt
43071	NLRP2	19	55493635	LGG GBM
43072	NLRP2	19	55493635	LGG GBM
43073	NLRP2	19	55493635	LGG GBM
43074	NLRP2	19	55493635	LGG GBM
43075	NLRP2	19	55493635	Neural
43076	NLRP2	19	55493635	Neural
43077	NLRP2	19	55493635	Neural
43078	NLRP2	19	55493635	Neural
43079	NLRP2	19	55493635	PA_like
43080	NLRP2	19	55493635	PA_like
43081	NLRP2	19	55493635	PA_like
43082	NLRP2	19	55493635	PA_like
43083	NLRP2	19	55494379	Classic_like
43084	NLRP2	19	55494379	IDHwt
43085	NLRP2	19	55494379	LGG GBM
43086	NLRP2	19	55494882	Astr
43087	NLRP2	19	55494882	IDHwt
43088	NLRP2	19	55494882	LGG GBM
43089	NLRP2	19	55494882	Neural
43090	NLRP2	19	55494882	PA_like
43091	NLRP2	19	55494912	melanoma
43092	NLRP2	19	55494945	melanoma
43093	NLRP2	19	55494945	melanoma

43094	NLRP2	19	55494952	melanoma
43095	NLRP2	19	55494952	melanoma
43096	NLRP2	19	55501467	lung
43097	NLRP2	19	55501467	lung
43098	NLRP2	19	55508845	Classic
43099	NLRP2	19	55508845	Classic
43100	NLRP2	19	55508845	Classic
43101	NLRP2	19	55508845	IDHwt
43102	NLRP2	19	55508845	IDHwt
43103	NLRP2	19	55508845	IDHwt
43104	NLRP2	19	55508845	LGG GBM
43105	NLRP2	19	55508845	LGG GBM
43106	NLRP2	19	55508845	LGG GBM
43107	NLRP2	19	55508845	Mesenchymal_like
43108	NLRP2	19	55508845	Mesenchymal_like
43109	NLRP2	19	55508845	Mesenchymal_like
43110	NLRP2	19	55508845	OligoAstr
43111	NLRP2	19	55508845	OligoAstr
43112	NLRP2	19	55508845	OligoAstr
43113	NLRP2	19	55512153	melanoma
43114	GP6	19	55543746	melanoma
43115	EPS8L1	19	55591907	melanoma
43116	EPS8L1	19	55593501	bladder
43117	EPS8L1	19	55593671	Classic_like
43118	EPS8L1	19	55593671	Gbm
43119	EPS8L1	19	55593671	IDHwt
43120	EPS8L1	19	55593671	IDHwt_priGBM
43121	EPS8L1	19	55593671	LGG GBM
43122	PPP1R12C	19	55606699	melanoma
43123	DNAAF3	19	55677991	melanoma
43124	SYT5	19	55687183	melanoma
43125	PTPRH	19	55696984	melanoma
43126	PTPRH	19	55697687	melanoma
43127	PTPRH	19	55713483	melanoma
43128	PTPRH	19	55713499	lung
43129	PTPRH	19	55715368	melanoma
43130	TMEM86B	19	55739801	melanoma
43131	PPP6R1	19	55743025	melanoma
43132	BRSK1	19	55814187	IDHwt_priGBM2
43133	BRSK1	19	55817693	melanoma
43134	BRSK1	19	55817693	melanoma
43135	TMEM150B	19	55828201	Gbm
43136	TMEM150B	19	55828201	IDHwt
43137	TMEM150B	19	55828201	IDHwt_priGBM
43138	TMEM150B	19	55828201	LGG GBM
43139	TMEM150B	19	55828201	Mesenchymal
43140	TMEM150B	19	55828201	Mesenchymal_like
43141	FAM71E2	19	55870999	melanoma
43142	FAM71E2	19	55870999	melanoma
43143	UBE2S	19	55913034	melanoma
43144	SHISA7	19	55953618	lung
43145	ZNF628	19	55993960	melanoma
43146	ZNF628	19	55993960	melanoma
43147	SSC5D	19	56028702	bladder
43148	FIZ1	19	56109002	Astr
43149	FIZ1	19	56109002	GCIMP_high
43150	FIZ1	19	56109002	IDHmut
43151	FIZ1	19	56109002	IDHmut_noncodel

43152	FIZ1	19	56109002	LGG GBM
43153	FIZ1	19	56109002	Mesenchymal
43154	FIZ1	19	56109168	melanoma
43155	CCDC106	19	56160855	melanoma
43156	NLRP9	19	56226509	melanoma
43157	NLRP9	19	56243531	melanoma
43158	NLRP9	19	56244106	melanoma
43159	NLRP9	19	56244106	melanoma
43160	NLRP9	19	56244187	melanoma
43161	NLRP9	19	56244623	melanoma
43162	NLRP9	19	56244772	Astr
43163	NLRP9	19	56244772	Astr
43164	NLRP9	19	56244772	Classic
43165	NLRP9	19	56244772	Classic
43166	NLRP9	19	56244772	Classic like
43167	NLRP9	19	56244772	Classic like
43168	NLRP9	19	56244772	IDHwt
43169	NLRP9	19	56244772	IDHwt
43170	NLRP9	19	56244772	LGG GBM
43171	NLRP9	19	56244772	LGG GBM
43172	NLRP9	19	56249613	melanoma
43173	RFPL4A	19	56274404	lung
43174	NLRP11	19	56297182	melanoma
43175	NLRP11	19	56303739	lung
43176	NLRP11	19	56303739	lung
43177	NLRP11	19	56320247	melanoma
43178	NLRP11	19	56320562	melanoma
43179	NLRP11	19	56320562	melanoma
43180	NLRP11	19	56321408	melanoma
43181	NLRP11	19	56321635	melanoma
43182	NLRP11	19	56321651	melanoma
43183	NLRP11	19	56329306	melanoma
43184	NLRP11	19	56329414	melanoma
43185	NLRP4	19	56363457	melanoma
43186	NLRP4	19	56363661	melanoma
43187	NLRP4	19	56369355	Gbm
43188	NLRP4	19	56369355	IDHwt
43189	NLRP4	19	56369355	IDHwt_priGBM
43190	NLRP4	19	56369355	LGG GBM
43191	NLRP4	19	56369355	Mesenchymal_like
43192	NLRP4	19	56369444	lung
43193	NLRP4	19	56373395	melanoma
43194	NLRP13	19	56416441	melanoma
43195	NLRP13	19	56419173	melanoma
43196	NLRP13	19	56423159	melanoma
43197	NLRP13	19	56424015	lung
43198	NLRP13	19	56424015	lung
43199	NLRP13	19	56424317	melanoma
43200	NLRP13	19	56424368	melanoma
43201	NLRP13	19	56443629	Codel
43202	NLRP13	19	56443629	IDHmut
43203	NLRP13	19	56443629	IDHmut_codel
43204	NLRP13	19	56443629	LGG GBM
43205	NLRP13	19	56443629	Oligo
43206	NLRP13	19	56443629	Proneural
43207	NLRP8	19	56466355	melanoma
43208	NLRP8	19	56466994	melanoma
43209	NLRP8	19	56467312	melanoma

43210	NLRP8	19	56477731	hnscc
43211	NLRP8	19	56485065	melanoma
43212	NLRP8	19	56490764	melanoma
43213	NLRP8	19	56490872	melanoma
43214	NLRP8	19	56490872	melanoma
43215	NLRP5	19	56515141	melanoma
43216	NLRP5	19	56515141	melanoma
43217	NLRP5	19	56515242	melanoma
43218	NLRP5	19	56515291	melanoma
43219	NLRP5	19	56515393	lung
43220	NLRP5	19	56515393	lung
43221	NLRP5	19	56515410	melanoma
43222	NLRP5	19	56538818	lung
43223	NLRP5	19	56538818	lung
43224	NLRP5	19	56538863	Classic
43225	NLRP5	19	56538863	Classic like
43226	NLRP5	19	56538863	Gbm
43227	NLRP5	19	56538863	LGG GBM
43228	NLRP5	19	56539488	melanoma
43229	NLRP5	19	56539799	Classic
43230	NLRP5	19	56539799	Gbm
43231	NLRP5	19	56539799	IDHwt
43232	NLRP5	19	56539799	IDHwt_priGBM
43233	NLRP5	19	56539799	LGG GBM
43234	NLRP5	19	56539808	Classic
43235	NLRP5	19	56539808	Gbm
43236	NLRP5	19	56539808	IDHwt
43237	NLRP5	19	56539808	IDHwt_priGBM
43238	NLRP5	19	56539808	LGG GBM
43239	NLRP5	19	56549503	melanoma
43240	NLRP5	19	56549503	melanoma
43241	NLRP5	19	56549503	melanoma
43242	NLRP5	19	56552352	Gbm
43243	NLRP5	19	56552352	IDHwt
43244	NLRP5	19	56552352	IDHwt_priGBM
43245	NLRP5	19	56552352	LGG GBM
43246	NLRP5	19	56552352	Mesenchymal_like
43247	NLRP5	19	56552352	Proneural
43248	NLRP5	19	56561882	melanoma
43249	GALP	19	56693576	melanoma
43250	ZSCAN5A	19	56734050	melanoma
43251	ZNF583	19	56935685	melanoma
43252	ZNF583	19	56935685	melanoma
43253	ZNF667	19	56952712	lung
43254	ZNF667	19	56953990	melanoma
43255	ZNF667	19	56953990	melanoma
43256	ZNF667	19	56972109	melanoma
43257	ZNF471	19	57027743	melanoma
43258	ZNF471	19	57035747	melanoma
43259	ZFP28	19	57062068	melanoma
43260	ZFP28	19	57066694	lung
43261	ZFP28	19	57066694	lung
43262	ZNF470	19	57089808	melanoma
43263	ZNF835	19	57175356	melanoma
43264	ZNF835	19	57175356	melanoma
43265	ZNF835	19	57175969	melanoma
43266	PEG3	19	57326257	melanoma
43267	PEG3	19	57326257	melanoma

43268	PEG3	19	57327019	bladder
43269	PEG3	19	57327120	melanoma
43270	PEG3	19	57327393	melanoma
43271	PEG3	19	57327691	melanoma
43272	PEG3	19	57328102	Classic
43273	PEG3	19	57328102	Classic_like
43274	PEG3	19	57328102	Gbm
43275	PEG3	19	57328102	IDHwt
43276	PEG3	19	57328102	IDHwt_priGBM
43277	PEG3	19	57328102	LGG GBM
43278	PEG3	19	57328785	melanoma
43279	PEG3	19	57328786	melanoma
43280	PEG3;ZIM2	19	57333108	melanoma
43281	USP29	19	57640146	melanoma
43282	USP29	19	57640780	lung
43283	USP29	19	57640813	melanoma
43284	USP29	19	57641014	melanoma
43285	USP29	19	57641119	melanoma
43286	USP29	19	57641754	Gbm
43287	USP29	19	57641754	IDHwt
43288	USP29	19	57641754	IDHwt_priGBM
43289	USP29	19	57641754	LGG GBM
43290	USP29	19	57641754	Mesenchymal_like
43291	USP29	19	57641754	Neural
43292	USP29	19	57642390	melanoma
43293	USP29	19	57642556	melanoma
43294	USP29	19	57642556	melanoma
43295	USP29	19	57642556	melanoma
43296	ZIM3	19	57646545	lung
43297	ZIM3	19	57646593	melanoma
43298	ZIM3	19	57648255	lung
43299	ZIM3	19	57649867	melanoma
43300	ZNF805	19	57765337	bladder
43301	ZNF460	19	57802897	melanoma
43302	ZNF543	19	57839293	lung
43303	ZNF543	19	57839653	Classic
43304	ZNF543	19	57839653	Classic_like
43305	ZNF543	19	57839653	Gbm
43306	ZNF543	19	57839653	IDHwt
43307	ZNF543	19	57839653	IDHwt_priGBM
43308	ZNF543	19	57839653	LGG GBM
43309	ZNF548	19	57910478	melanoma
43310	ZNF548	19	57910478	melanoma
43311	ZNF548	19	57910704	melanoma
43312	ZNF17	19	57931798	melanoma
43313	ZNF17	19	57932571	melanoma
43314	VN1R1	19	57967401	melanoma
43315	ZNF419	19	58004382	melanoma
43316	ZNF530	19	58117933	lung
43317	ZNF530	19	58118248	hnsc
43318	ZNF530	19	58118473	melanoma
43319	ZNF134	19	58132247	bladder
43320	ZNF211	19	58152366	melanoma
43321	ZSCAN4	19	58189570	melanoma
43322	ZNF551	19	58198755	melanoma
43323	ZNF551	19	58198755	melanoma
43324	ZNF551	19	58198755	melanoma
43325	ZNF671	19	58232253	melanoma

43326	ZNF671	19	58234699	melanoma
43327	ZNF587	19	58371320	melanoma
43328	ZNF814	19	58385050	Gbm
43329	ZNF814	19	58385050	Gbm
43330	ZNF814	19	58385050	IDHwt
43331	ZNF814	19	58385050	IDHwt
43332	ZNF814	19	58385050	IDHwt_priGBM
43333	ZNF814	19	58385050	IDHwt_priGBM
43334	ZNF814	19	58385050	LGG GBM
43335	ZNF814	19	58385050	LGG GBM
43336	ZNF814	19	58385050	LGm6_GBM
43337	ZNF814	19	58385050	LGm6_GBM
43338	ZNF417	19	58420106	melanoma
43339	ZNF418	19	58438859	melanoma
43340	ZNF256	19	58452818	lung
43341	C19orf18	19	58477955	melanoma
43342	C19orf18	19	58477955	melanoma
43343	C19orf18	19	58485782	melanoma
43344	C19orf18	19	58485782	melanoma
43345	ZNF606	19	58499583	melanoma
43346	ZSCAN1	19	58564824	Classic_like
43347	ZSCAN1	19	58564824	Classic_like
43348	ZSCAN1	19	58564824	Classic_like
43349	ZSCAN1	19	58564824	Classic_like
43350	ZSCAN1	19	58564824	Gbm
43351	ZSCAN1	19	58564824	Gbm
43352	ZSCAN1	19	58564824	Gbm
43353	ZSCAN1	19	58564824	Gbm
43354	ZSCAN1	19	58564824	IDHwt
43355	ZSCAN1	19	58564824	IDHwt
43356	ZSCAN1	19	58564824	IDHwt
43357	ZSCAN1	19	58564824	IDHwt
43358	ZSCAN1	19	58564824	IDHwt_priGBM
43359	ZSCAN1	19	58564824	IDHwt_priGBM
43360	ZSCAN1	19	58564824	IDHwt_priGBM
43361	ZSCAN1	19	58564824	IDHwt_priGBM
43362	ZSCAN1	19	58564824	LGG GBM
43363	ZSCAN1	19	58564824	LGG GBM
43364	ZSCAN1	19	58564824	LGG GBM
43365	ZSCAN1	19	58564824	LGG GBM
43366	ZSCAN1	19	58564838	melanoma
43367	ZSCAN1	19	58564838	melanoma
43368	ZSCAN1	19	58564871	melanoma
43369	ZSCAN1	19	58564871	melanoma
43370	ZSCAN1	19	58564899	melanoma
43371	ZSCAN1	19	58564899	melanoma
43372	ZSCAN1	19	58565154	melanoma
43373	ZSCAN18	19	58601367	melanoma
43374	ZSCAN18	19	58601694	melanoma
43375	ZNF329	19	58640785	melanoma
43376	ZNF544	19	58773353	melanoma
43377	ZNF8	19	58805490	Classic_like
43378	ZNF8	19	58805490	Gbm
43379	ZNF8	19	58805490	IDHwt
43380	ZNF8	19	58805490	IDHwt_priGBM
43381	ZNF8	19	58805490	LGG GBM
43382	A1BG	19	58862970	melanoma
43383	A1BG	19	58864350	bladder

43384	A1BG	19	58864428	GCIMP_high
43385	A1BG	19	58864428	IDHmut
43386	A1BG	19	58864428	IDHmut_noncodel
43387	A1BG	19	58864428	LGG GBM
43388	A1BG	19	58864428	Neural
43389	A1BG	19	58864428	Oligo
43390	ZNF497	19	58868362	lung
43391	ZNF324B	19	58966807	melanoma
43392	SLC27A5	19	59012741	melanoma
43393	SLC27A5	19	59012741	melanoma
43394	SLC27A5	19	59022778	melanoma
43395	SLC27A5	19	59022778	melanoma
43396	ZBTB45	19	59028730	Classic
43397	ZBTB45	19	59028730	Gbm
43398	ZBTB45	19	59028730	IDHwt
43399	ZBTB45	19	59028730	IDHwt_priGBM
43400	ZBTB45	19	59028730	LGG GBM
43401	ZBTB45	19	59028730	Mesenchymal_like
43402	ZBTB45	19	59028945	lung
43403	TRIM28	19	59061355	melanoma
43404	DEFB125	20	76807	melanoma
43405	DEFB129	20	210201	melanoma
43406	DEFB129	20	210201	melanoma
43407	C20orf96	20	257916	melanoma
43408	TRIB3	20	371946	melanoma
43409	TRIB3	20	371946	melanoma
43410	TRIB3	20	371946	melanoma
43411	RBCK1	20	390566	Gbm
43412	RBCK1	20	390566	IDHwt
43413	RBCK1	20	390566	IDHwt_priGBM
43414	RBCK1	20	390566	LGG GBM
43415	RBCK1	20	390566	Mesenchymal_like
43416	RBCK1	20	400029	melanoma
43417	TBC1D20	20	419457	hnsc
43418	TBC1D20	20	422248	melanoma
43419	TBC1D20	20	428640	melanoma
43420	CSNK2A1	20	485821	IDHwt_priGBM2
43421	SLC52A3	20	742452	melanoma
43422	SLC52A3	20	745994	melanoma
43423	FAM110A	20	826100	melanoma
43424	FAM110A	20	826145	melanoma
43425	ANGPT4	20	860425	Classic
43426	ANGPT4	20	860425	Gbm
43427	ANGPT4	20	860425	IDHwt
43428	ANGPT4	20	860425	IDHwt_priGBM
43429	ANGPT4	20	860425	LGG GBM
43430	ANGPT4	20	860425	Mesenchymal_like
43431	ANGPT4	20	865871	Astr
43432	ANGPT4	20	865871	GCIMP_high
43433	ANGPT4	20	865871	IDHmut
43434	ANGPT4	20	865871	IDHmut_noncodel
43435	ANGPT4	20	865871	LGG GBM
43436	ANGPT4	20	865871	Neural
43437	RSPO4	20	947867	melanoma
43438	RSPO4	20	947867	melanoma
43439	RSPO4	20	947867	melanoma
43440	RAD21L1	20	1223319	melanoma
43441	RAD21L1	20	1223319	melanoma

43442	SNPH	20	1276972	melanoma
43443	SNPH	20	1277836	melanoma
43444	SIRPB2	20	1456900	melanoma
43445	SIRPB2	20	1460374	melanoma
43446	SIRPB2	20	1460374	melanoma
43447	SIRPB1	20	1552452	melanoma
43448	SIRPB1	20	1592320	lung
43449	SIRPB1	20	1592320	lung
43450	SIRPG	20	1638297	melanoma
43451	SIRPA	20	1902125	lung
43452	SIRPA	20	1902241	melanoma
43453	STK35	20	2097405	melanoma
43454	STK35	20	2097774	melanoma
43455	STK35	20	2097842	melanoma
43456	STK35	20	2097909	melanoma
43457	TGM3	20	2293582	melanoma
43458	TGM3	20	2293582	melanoma
43459	TGM3	20	2308790	melanoma
43460	TGM3	20	2312743	melanoma
43461	TGM6	20	2378646	melanoma
43462	TGM6	20	2411133	melanoma
43463	TGM6	20	2411579	melanoma
43464	TGM6	20	2411579	melanoma
43465	TGM6	20	2411579	melanoma
43466	SNRPB	20	2443312	melanoma
43467	TMC2	20	2573002	melanoma
43468	TMC2	20	2582804	melanoma
43469	C20orf141	20	2795975	melanoma
43470	PCED1A	20	2816855	melanoma
43471	VPS16	20	2841620	melanoma
43472	VPS16	20	2842340	bladder
43473	VPS16	20	2843489	melanoma
43474	VPS16	20	2843526	melanoma
43475	PTPRA	20	2969091	Classic_like
43476	PTPRA	20	2969091	Classic_like
43477	PTPRA	20	2969091	Gbm
43478	PTPRA	20	2969091	Gbm
43479	PTPRA	20	2969091	IDHwt
43480	PTPRA	20	2969091	IDHwt
43481	PTPRA	20	2969091	IDHwt_priGBM
43482	PTPRA	20	2969091	IDHwt_priGBM
43483	PTPRA	20	2969091	LGG GBM
43484	PTPRA	20	2969091	LGG GBM
43485	PTPRA	20	2969091	Mesenchymal
43486	PTPRA	20	2969091	Mesenchymal
43487	LZTS3	20	3145359	lung
43488	LZTS3	20	3145359	lung
43489	LZTS3	20	3145359	lung
43490	LZTS3	20	3146165	Classic_like
43491	LZTS3	20	3146165	Gbm
43492	LZTS3	20	3146165	IDHwt
43493	LZTS3	20	3146165	IDHwt_priGBM
43494	LZTS3	20	3146165	LGG GBM
43495	LZTS3	20	3146165	Proneural
43496	LZTS3	20	3147651	lung
43497	LZTS3	20	3147651	lung
43498	SLC4A11	20	3209828	melanoma
43499	SLC4A11	20	3210904	melanoma

43500	C20orf194	20	3278704	melanoma
43501	C20orf194	20	3278704	melanoma
43502	C20orf194	20	3298962	melanoma
43503	C20orf194	20	3298962	melanoma
43504	C20orf194	20	3298962	melanoma
43505	C20orf194	20	3354717	lung
43506	C20orf194	20	3356902	melanoma
43507	GFRA4	20	3640584	melanoma
43508	GFRA4	20	3640584	melanoma
43509	GFRA4	20	3640584	melanoma
43510	GFRA4	20	3640584	melanoma
43511	SIGLEC1	20	3670305	melanoma
43512	SIGLEC1	20	3672556	melanoma
43513	SIGLEC1	20	3675552	bladder
43514	SIGLEC1	20	3677494	melanoma
43515	SIGLEC1	20	3687125	melanoma
43516	SIGLEC1	20	3687751	melanoma
43517	SIGLEC1	20	3687751	melanoma
43518	SIGLEC1	20	3687751	melanoma
43519	HSPA12B	20	3725628	melanoma
43520	MAVS	20	3846463	melanoma
43521	PANK2	20	3869971	bladder
43522	PRNP	20	4680333	hnsc
43523	PRNT	20	4713258	Astr
43524	PRNT	20	4713258	Astr
43525	PRNT	20	4713258	GCIMP_high
43526	PRNT	20	4713258	GCIMP_high
43527	PRNT	20	4713258	IDHmut
43528	PRNT	20	4713258	IDHmut
43529	PRNT	20	4713258	IDHmut_noncode
43530	PRNT	20	4713258	IDHmut_noncode
43531	PRNT	20	4713258	LGG GBM
43532	PRNT	20	4713258	LGG GBM
43533	RASSF2	20	4764977	melanoma
43534	SLC23A2	20	4842705	melanoma
43535	SLC23A2	20	4850616	melanoma
43536	SLC23A2	20	4850621	melanoma
43537	SLC23A2	20	4850621	melanoma
43538	SLC23A2	20	4850643	Classic
43539	SLC23A2	20	4850643	Classic
43540	SLC23A2	20	4850643	Classic_like
43541	SLC23A2	20	4850643	Classic_like
43542	SLC23A2	20	4850643	IDHwt
43543	SLC23A2	20	4850643	IDHwt
43544	SLC23A2	20	4850643	LGG GBM
43545	SLC23A2	20	4850643	LGG GBM
43546	SLC23A2	20	4850643	OligoAstr
43547	SLC23A2	20	4850643	OligoAstr
43548	PROKR2	20	5282777	melanoma
43549	PROKR2	20	5282777	melanoma
43550	PROKR2	20	5283335	Classic
43551	PROKR2	20	5283335	Classic
43552	PROKR2	20	5283335	Classic_like
43553	PROKR2	20	5283335	Classic_like
43554	PROKR2	20	5283335	Gbm
43555	PROKR2	20	5283335	Gbm
43556	PROKR2	20	5283335	IDHwt
43557	PROKR2	20	5283335	IDHwt

43558	PROKR2	20	5283335	IDHwt_priGBM
43559	PROKR2	20	5283335	IDHwt_priGBM
43560	PROKR2	20	5283335	LGG GBM
43561	PROKR2	20	5283335	LGG GBM
43562	GPCPD1	20	5540599	melanoma
43563	CHGB	20	5897003	melanoma
43564	CHGB	20	5903799	melanoma
43565	CHGB	20	5904594	lung
43566	CHGB	20	5904594	lung
43567	MCM8	20	5958613	melanoma
43568	MCM8	20	5963729	melanoma
43569	MCM8	20	5974969	melanoma
43570	MCM8	20	5974969	melanoma
43571	CRLS1	20	5990464	melanoma
43572	CRLS1	20	5990464	melanoma
43573	CRLS1	20	5996124	Classic_like
43574	CRLS1	20	5996124	Gbm
43575	CRLS1	20	5996124	IDHwt
43576	CRLS1	20	5996124	IDHwt_priGBM
43577	CRLS1	20	5996124	LGG GBM
43578	CRLS1	20	5996124	Proneural
43579	CRLS1	20	6012683	melanoma
43580	CRLS1	20	6012683	melanoma
43581	FERMT1	20	6064765	melanoma
43582	FERMT1	20	6064765	melanoma
43583	FERMT1	20	6077595	melanoma
43584	TMX4	20	7980394	melanoma
43585	PLCB1	20	8609038	melanoma
43586	PLCB1	20	8639252	melanoma
43587	PLCB1	20	8665588	melanoma
43588	PLCB1	20	8708000	melanoma
43589	PLCB4	20	9288531	lung
43590	PLCB4	20	9288531	lung
43591	LAMP5	20	9498857	melanoma
43592	LAMP5	20	9510315	melanoma
43593	LAMP5	20	9510315	melanoma
43594	PAK5	20	9538263	lung
43595	PAK5	20	9543605	Classic_like
43596	PAK5	20	9543605	Gbm
43597	PAK5	20	9543605	IDHwt
43598	PAK5	20	9543605	IDHwt_priGBM
43599	PAK5	20	9543605	LGG GBM
43600	PAK5	20	9543656	melanoma
43601	PAK5	20	9561103	melanoma
43602	PAK5	20	9561211	IDHwt_priGBM2
43603	PAK5	20	9561322	melanoma
43604	PAK5	20	9561322	melanoma
43605	PAK5	20	9561502	Codel
43606	PAK5	20	9561502	IDHmut
43607	PAK5	20	9561502	IDHmut_codel
43608	PAK5	20	9561502	LGG GBM
43609	PAK5	20	9561502	Neural
43610	PAK5	20	9561502	OligoAstr
43611	ANKEF1	20	10030272	bladder
43612	ANKEF1	20	10030397	melanoma
43613	ANKEF1	20	10030397	melanoma
43614	MKKS	20	10393750	lung
43615	JAG1	20	10622122	melanoma

43616	JAG1	20	10622217	Astr
43617	JAG1	20	10622217	Astr
43618	JAG1	20	10622217	IDHwt
43619	JAG1	20	10622217	IDHwt
43620	JAG1	20	10622217	LGG GBM
43621	JAG1	20	10622217	LGG GBM
43622	JAG1	20	10622217	PA_like
43623	JAG1	20	10622217	PA_like
43624	BTBD3	20	11900412	melanoma
43625	SPTLC3	20	13052931	Classic
43626	SPTLC3	20	13052931	Classic
43627	SPTLC3	20	13052931	Classic
43628	SPTLC3	20	13052931	Classic
43629	SPTLC3	20	13052931	Gbm
43630	SPTLC3	20	13052931	Gbm
43631	SPTLC3	20	13052931	Gbm
43632	SPTLC3	20	13052931	Gbm
43633	SPTLC3	20	13052931	IDHwt
43634	SPTLC3	20	13052931	IDHwt
43635	SPTLC3	20	13052931	IDHwt
43636	SPTLC3	20	13052931	IDHwt
43637	SPTLC3	20	13052931	IDHwt_priGBM
43638	SPTLC3	20	13052931	IDHwt_priGBM
43639	SPTLC3	20	13052931	IDHwt_priGBM
43640	SPTLC3	20	13052931	IDHwt_priGBM
43641	SPTLC3	20	13052931	LGG GBM
43642	SPTLC3	20	13052931	LGG GBM
43643	SPTLC3	20	13052931	LGG GBM
43644	SPTLC3	20	13052931	LGG GBM
43645	SPTLC3	20	13052931	Mesenchymal_like
43646	SPTLC3	20	13052931	Mesenchymal_like
43647	SPTLC3	20	13052931	Mesenchymal_like
43648	SPTLC3	20	13052931	Mesenchymal_like
43649	SPTLC3	20	13098164	melanoma
43650	ISM1	20	13279712	Classic_like
43651	ISM1	20	13279712	Gbm
43652	ISM1	20	13279712	IDHwt
43653	ISM1	20	13279712	IDHwt_priGBM
43654	ISM1	20	13279712	LGG GBM
43655	ISM1	20	13279712	Mesenchymal
43656	ISM1	20	13279927	lung
43657	ESF1	20	13714427	melanoma
43658	ESF1	20	13752091	melanoma
43659	ESF1	20	13755862	bladder
43660	SEL1L2	20	13830181	melanoma
43661	SEL1L2	20	13830181	melanoma
43662	SEL1L2	20	13850803	melanoma
43663	SEL1L2	20	13869151	melanoma
43664	MACROD2	20	15412056	melanoma
43665	MACROD2	20	15967420	melanoma
43666	KIF16B	20	16254013	Classic_like
43667	KIF16B	20	16254013	Gbm
43668	KIF16B	20	16254013	IDHwt
43669	KIF16B	20	16254013	IDHwt_priGBM
43670	KIF16B	20	16254013	LGG GBM
43671	KIF16B	20	16254013	Proneural
43672	KIF16B	20	16486702	melanoma
43673	KIF16B	20	16486702	melanoma

43674	SNRPB2	20	16712360	melanoma
43675	OTOR	20	16729149	melanoma
43676	PCSK2	20	17349899	melanoma
43677	PCSK2	20	17410117	Classic
43678	PCSK2	20	17410117	IDHwt
43679	PCSK2	20	17410117	LGG GBM
43680	PCSK2	20	17410117	Mesenchymal_like
43681	PCSK2	20	17410117	Oligo
43682	PCSK2	20	17434573	melanoma
43683	PCSK2	20	17446158	hnscc
43684	BFSP1	20	17489628	Astr
43685	BFSP1	20	17489628	IDHwt
43686	BFSP1	20	17489628	LGG GBM
43687	BFSP1	20	17489628	Neural
43688	BFSP1	20	17489628	PA_like
43689	DSTN	20	17585207	melanoma
43690	DSTN	20	17585207	melanoma
43691	MGME1	20	17950861	melanoma
43692	OVOL2	20	18005480	melanoma
43693	KAT14	20	18139768	melanoma
43694	KAT14	20	18143375	melanoma
43695	KAT14	20	18165284	Gbm
43696	KAT14	20	18165284	IDHwt
43697	KAT14	20	18165284	IDHwt_priGBM
43698	KAT14	20	18165284	LGG GBM
43699	KAT14	20	18165284	LGM6_GBM
43700	DZANK1	20	18393435	lung
43701	DZANK1	20	18435898	melanoma
43702	POLR3F	20	18464162	melanoma
43703	SEC23B	20	18531811	melanoma
43704	SEC23B	20	18535015	IDHwt_priGBM2
43705	SCP2D1	20	18794772	Codel
43706	SCP2D1	20	18794772	IDHmut
43707	SCP2D1	20	18794772	IDHmut_codel
43708	SCP2D1	20	18794772	LGG GBM
43709	SCP2D1	20	18794772	Oligo
43710	SCP2D1	20	18794772	Proneural
43711	SLC24A3	20	19654247	melanoma
43712	SLC24A3	20	19673932	melanoma
43713	SLC24A3	20	19673932	melanoma
43714	SLC24A3	20	19674023	melanoma
43715	SLC24A3	20	19677516	hnscc
43716	SLC24A3	20	19679284	melanoma
43717	CRNKL1	20	20018076	melanoma
43718	CRNKL1	20	20033087	melanoma
43719	CFAP61	20	20051541	melanoma
43720	CFAP61	20	20055879	melanoma
43721	CFAP61	20	20071504	melanoma
43722	CFAP61	20	20208990	melanoma
43723	CFAP61	20	20208990	melanoma
43724	CFAP61	20	20232357	melanoma
43725	CFAP61	20	20232357	melanoma
43726	CFAP61	20	20271009	Astr
43727	CFAP61	20	20271009	IDHwt
43728	CFAP61	20	20271009	LGG GBM
43729	CFAP61	20	20271009	Neural
43730	CFAP61	20	20271009	PA_like
43731	RALGAPA2	20	20392770	melanoma

43732	RALGAPA2	20	20493785	Gbm
43733	RALGAPA2	20	20493785	Gbm
43734	RALGAPA2	20	20493785	IDHwt
43735	RALGAPA2	20	20493785	IDHwt
43736	RALGAPA2	20	20493785	IDHwt_priGBM
43737	RALGAPA2	20	20493785	IDHwt_priGBM
43738	RALGAPA2	20	20493785	LGG GBM
43739	RALGAPA2	20	20493785	LGG GBM
43740	RALGAPA2	20	20493785	Mesenchymal_like
43741	RALGAPA2	20	20493785	Mesenchymal_like
43742	RALGAPA2	20	20565563	melanoma
43743	FOXA2	20	22563281	melanoma
43744	SSTR4	20	23016341	Classic_like
43745	SSTR4	20	23016341	Gbm
43746	SSTR4	20	23016341	IDHwt
43747	SSTR4	20	23016341	IDHwt_priGBM
43748	SSTR4	20	23016341	LGG GBM
43749	SSTR4	20	23016341	Mesenchymal
43750	SSTR4	20	23016513	GCIMP_high
43751	SSTR4	20	23016513	IDHmut
43752	SSTR4	20	23016513	IDHmut_noncodel
43753	SSTR4	20	23016513	LGG GBM
43754	SSTR4	20	23016513	Neural
43755	SSTR4	20	23016513	OligoAstr
43756	SSTR4	20	23016581	Gbm
43757	SSTR4	20	23016581	IDHwt
43758	SSTR4	20	23016581	IDHwt_priGBM
43759	SSTR4	20	23016581	LGG GBM
43760	SSTR4	20	23016581	Mesenchymal_like
43761	SSTR4	20	23016581	Neural
43762	SSTR4	20	23016685	lung
43763	SSTR4	20	23016685	lung
43764	SSTR4	20	23016775	lung
43765	SSTR4	20	23016775	lung
43766	THBD	20	23028598	bladder
43767	CD93	20	23065253	melanoma
43768	CD93	20	23065253	melanoma
43769	CD93	20	23065253	melanoma
43770	CD93	20	23065985	melanoma
43771	GZF1	20	23346152	melanoma
43772	CST11	20	23432524	melanoma
43773	CST8	20	23473643	hnscc
43774	GGTLC1	20	23966561	Classic
43775	GGTLC1	20	23966561	Classic_like
43776	GGTLC1	20	23966561	Gbm
43777	GGTLC1	20	23966561	LGG GBM
43778	APMAP	20	24952158	melanoma
43779	APMAP	20	24952158	melanoma
43780	ACSS1	20	24994626	melanoma
43781	ACSS1	20	25011509	melanoma
43782	ENTPD6	20	25193953	melanoma
43783	ENTPD6	20	25193953	melanoma
43784	ENTPD6	20	25205891	melanoma
43785	PYGB	20	25271124	melanoma
43786	PYGB	20	25271124	melanoma
43787	NINL	20	25456859	melanoma
43788	NINL	20	25457243	melanoma
43789	NINL	20	25493626	lung

43790	NINL	20	25507191	melanoma
43791	ZNF337	20	25666647	melanoma
43792	ZNF337	20	25666647	melanoma
43793	DEFB118	20	29960797	melanoma
43794	DEFB118	20	29960875	melanoma
43795	COX4I2	20	30232592	melanoma
43796	BCL2L1	20	30309778	melanoma
43797	TPX2	20	30359434	melanoma
43798	TPX2	20	30366736	melanoma
43799	TPX2	20	30371683	melanoma
43800	MYLK2	20	30419523	melanoma
43801	FOXS1	20	30432495	melanoma
43802	FOXS1	20	30432970	melanoma
43803	DUSP15	20	30437631	bladder
43804	TTL9	20	30486328	melanoma
43805	XKR7	20	30584863	melanoma
43806	XKR7	20	30585186	IDHwt
43807	XKR7	20	30585186	LGG GBM
43808	XKR7	20	30585186	Mesenchymal
43809	XKR7	20	30585186	Mesenchymal_like
43810	HCK	20	30659559	melanoma
43811	HCK	20	30689234	Gbm
43812	HCK	20	30689234	IDHwt
43813	HCK	20	30689234	IDHwt_priGBM
43814	HCK	20	30689234	LGG GBM
43815	HCK	20	30689234	Mesenchymal
43816	PLAGL2	20	30784912	melanoma
43817	POFUT1	20	30797910	bladder
43818	KIF3B	20	30898694	bladder
43819	ASXL1	20	31017746	melanoma
43820	ASXL1	20	31024380	melanoma
43821	NOL4L	20	31035488	melanoma
43822	NOL4L	20	31035551	bladder
43823	DNMT3B	20	31388702	melanoma
43824	SUN5	20	31577456	melanoma
43825	BPIFB2	20	31601679	melanoma
43826	BPIFB2	20	31601734	melanoma
43827	BPIFB6	20	31622045	melanoma
43828	BPIFB6	20	31626764	melanoma
43829	BPIFB3	20	31643261	melanoma
43830	BPIFB3	20	31647780	melanoma
43831	BPIFB3	20	31656654	Gbm
43832	BPIFB3	20	31656654	IDHwt
43833	BPIFB3	20	31656654	IDHwt_priGBM
43834	BPIFB3	20	31656654	LGG GBM
43835	BPIFB3	20	31656654	Mesenchymal
43836	BPIFB4	20	31671187	melanoma
43837	BPIFB4	20	31671335	melanoma
43838	BPIFA3	20	31812229	melanoma
43839	BPIFA1	20	31825615	melanoma
43840	BPIFB1	20	31889070	melanoma
43841	CDK5RAP1	20	31958367	melanoma
43842	SNTA1	20	32005609	melanoma
43843	CBFA2T2	20	32212626	bladder
43844	C20orf144	20	32251356	bladder
43845	NECAB3	20	32257249	hnscc
43846	E2F1	20	32264941	melanoma
43847	ZNF341	20	32344991	melanoma

43848	ITCH	20	32981637	Gbm
43849	ITCH	20	32981637	IDHwt
43850	ITCH	20	32981637	IDHwt_priGBM
43851	ITCH	20	32981637	LGG GBM
43852	ITCH	20	32981637	Mesenchymal
43853	ITCH	20	32981637	Mesenchymal_like
43854	ITCH	20	33005012	hnscc
43855	ITCH	20	33068506	melanoma
43856	NCOA6	20	33328923	melanoma
43857	NCOA6	20	33330284	melanoma
43858	ACSS2	20	33513959	melanoma
43859	GSS	20	33533886	melanoma
43860	GSS	20	33533886	melanoma
43861	MYH7B	20	33581234	Astr
43862	MYH7B	20	33581234	GCIMP_high
43863	MYH7B	20	33581234	IDHmut
43864	MYH7B	20	33581234	IDHmut_noncodel
43865	MYH7B	20	33581234	LGG GBM
43866	MYH7B	20	33581234	Proneural
43867	MYH7B	20	33584209	melanoma
43868	MYH7B	20	33585405	melanoma
43869	MYH7B	20	33586337	melanoma
43870	TRPC4AP	20	33591031	melanoma
43871	TRPC4AP	20	33623022	melanoma
43872	EDEM2	20	33722668	Codel
43873	EDEM2	20	33722668	Codel
43874	EDEM2	20	33722668	IDHmut
43875	EDEM2	20	33722668	IDHmut
43876	EDEM2	20	33722668	IDHmut_codel
43877	EDEM2	20	33722668	IDHmut_codel
43878	EDEM2	20	33722668	LGG GBM
43879	EDEM2	20	33722668	LGG GBM
43880	EDEM2	20	33722668	Oligo
43881	EDEM2	20	33722668	Oligo
43882	EDEM2	20	33722668	Proneural
43883	EDEM2	20	33722668	Proneural
43884	EIF6	20	33868554	melanoma
43885	FAM83C	20	33880014	Classic
43886	FAM83C	20	33880014	Classic
43887	FAM83C	20	33880014	Classic
43888	FAM83C	20	33880014	Classic_like
43889	FAM83C	20	33880014	Classic_like
43890	FAM83C	20	33880014	Classic_like
43891	FAM83C	20	33880014	Gbm
43892	FAM83C	20	33880014	Gbm
43893	FAM83C	20	33880014	Gbm
43894	FAM83C	20	33880014	IDHwt
43895	FAM83C	20	33880014	IDHwt
43896	FAM83C	20	33880014	IDHwt
43897	FAM83C	20	33880014	IDHwt_priGBM
43898	FAM83C	20	33880014	IDHwt_priGBM
43899	FAM83C	20	33880014	IDHwt_priGBM
43900	FAM83C	20	33880014	LGG GBM
43901	FAM83C	20	33880014	LGG GBM
43902	FAM83C	20	33880014	LGG GBM
43903	CEP250	20	34086532	melanoma
43904	RBM12	20	34240696	melanoma
43905	RBM12	20	34242379	melanoma

43906	NFS1	20	34261548	bladder
43907	NFS1	20	34261577	melanoma
43908	NFS1	20	34286440	melanoma
43909	ROMO1	20	34287670	melanoma
43910	PHF20	20	34446269	melanoma
43911	PHF20	20	34446269	melanoma
43912	PHF20	20	34487354	Gbm
43913	PHF20	20	34487354	Gbm
43914	PHF20	20	34487354	IDHwt
43915	PHF20	20	34487354	IDHwt
43916	PHF20	20	34487354	IDHwt_priGBM
43917	PHF20	20	34487354	IDHwt_priGBM
43918	PHF20	20	34487354	LGG GBM
43919	PHF20	20	34487354	LGG GBM
43920	PHF20	20	34487354	Mesenchymal
43921	PHF20	20	34487354	Mesenchymal
43922	PHF20	20	34505565	melanoma
43923	CNBD2	20	34560589	hnscc
43924	CNBD2	20	34560589	hnscc
43925	CNBD2	20	34568441	melanoma
43926	CNBD2	20	34611629	melanoma
43927	EPB41L1	20	34763552	melanoma
43928	EPB41L1	20	34763612	melanoma
43929	EPB41L1	20	34765967	melanoma
43930	EPB41L1	20	34776386	Codel
43931	EPB41L1	20	34776386	Codel
43932	EPB41L1	20	34776386	IDHmut
43933	EPB41L1	20	34776386	IDHmut
43934	EPB41L1	20	34776386	IDHmut_codel
43935	EPB41L1	20	34776386	IDHmut_codel
43936	EPB41L1	20	34776386	LGG GBM
43937	EPB41L1	20	34776386	LGG GBM
43938	EPB41L1	20	34776386	OligoAstr
43939	EPB41L1	20	34776386	OligoAstr
43940	EPB41L1	20	34776386	Proneural
43941	EPB41L1	20	34776386	Proneural
43942	AAR2	20	34828278	lung
43943	DLGAP4	20	35071146	melanoma
43944	DLGAP4	20	35071146	melanoma
43945	DLGAP4	20	35071146	melanoma
43946	DLGAP4	20	35071146	melanoma
43947	TGIF2	20	35219601	melanoma
43948	TLDC2	20	35509077	melanoma
43949	SAMHD1	20	35521435	melanoma
43950	SAMHD1	20	35563445	lung
43951	SAMHD1	20	35579911	melanoma
43952	RBL1	20	35632254	melanoma
43953	RBL1	20	35675503	melanoma
43954	RBL1	20	35696462	melanoma
43955	RPN2	20	35812730	melanoma
43956	RPN2	20	35862465	melanoma
43957	RPN2	20	35864992	melanoma
43958	RPN2	20	35864992	melanoma
43959	NNAT	20	36149777	melanoma
43960	CTNNB1	20	36406082	lung
43961	CTNNB1	20	36431405	melanoma
43962	VSTM2L	20	36572561	melanoma
43963	VSTM2L	20	36572561	melanoma

43964	TTI1	20	36640664	melanoma
43965	RPRD1B	20	36694537	melanoma
43966	RPRD1B	20	36694642	GCIMP_high
43967	RPRD1B	20	36694642	IDHmut
43968	RPRD1B	20	36694642	IDHmut_noncodel
43969	RPRD1B	20	36694642	LGG GBM
43970	RPRD1B	20	36694642	OligoAstr
43971	RPRD1B	20	36694642	Proneural
43972	TGM2	20	36759618	IDHwt_priGBM2
43973	KIAA1755	20	36868064	lung
43974	KIAA1755	20	36869016	melanoma
43975	KIAA1755	20	36874473	melanoma
43976	KIAA1755	20	36874473	melanoma
43977	BPI	20	36964027	Classic_like
43978	BPI	20	36964027	Gbm
43979	BPI	20	36964027	IDHwt
43980	BPI	20	36964027	IDHwt_priGBM
43981	BPI	20	36964027	LGG GBM
43982	LBP	20	36993276	GCIMP_high
43983	LBP	20	36993276	GCIMP_high
43984	LBP	20	36993276	IDHmut
43985	LBP	20	36993276	IDHmut
43986	LBP	20	36993276	IDHmut_noncodel
43987	LBP	20	36993276	IDHmut_noncodel
43988	LBP	20	36993276	LGG GBM
43989	LBP	20	36993276	LGG GBM
43990	LBP	20	36993276	Proneural
43991	LBP	20	36993276	Proneural
43992	LBP	20	37002604	melanoma
43993	RALGAPB	20	37161406	melanoma
43994	RALGAPB	20	37168527	lung
43995	RALGAPB	20	37177368	melanoma
43996	RALGAPB	20	37177368	melanoma
43997	RALGAPB	20	37179798	melanoma
43998	RALGAPB	20	37187041	melanoma
43999	RALGAPB	20	37187041	melanoma
44000	RALGAPB	20	37187041	melanoma
44001	RALGAPB	20	37194116	lung
44002	RALGAPB	20	37202930	melanoma
44003	RALGAPB	20	37203587	melanoma
44004	ARHGAP40	20	37275638	lung
44005	SLC32A1	20	37353536	melanoma
44006	SLC32A1	20	37356524	melanoma
44007	ACTR5	20	37396175	melanoma
44008	FAM83D	20	37580195	hnscc
44009	DHX35	20	37632530	melanoma
44010	DHX35	20	37638985	melanoma
44011	PLCG1	20	39794397	bladder
44012	PLCG1	20	39802384	Astr
44013	PLCG1	20	39802384	Classic
44014	PLCG1	20	39802384	IDHwt
44015	PLCG1	20	39802384	LGG GBM
44016	PLCG1	20	39802384	Mesenchymal_like
44017	PLCG1	20	39802390	bladder
44018	ZHX3	20	39831018	hnscc
44019	ZHX3	20	39831398	melanoma
44020	ZHX3	20	39831923	lung
44021	ZHX3	20	39832286	melanoma

44022	LPIN3	20	39977295	melanoma
44023	CHD6	20	40033762	lung
44024	CHD6	20	40049322	melanoma
44025	CHD6	20	40049322	melanoma
44026	CHD6	20	40049627	Codel
44027	CHD6	20	40049627	IDHmut
44028	CHD6	20	40049627	IDHmut_codel
44029	CHD6	20	40049627	LGG GBM
44030	CHD6	20	40049627	Proneural
44031	CHD6	20	40049780	Gbm
44032	CHD6	20	40049780	Gbm
44033	CHD6	20	40049780	GCIMP_high
44034	CHD6	20	40049780	GCIMP_high
44035	CHD6	20	40049780	IDHmut
44036	CHD6	20	40049780	IDHmut
44037	CHD6	20	40049780	IDHmut_noncodel
44038	CHD6	20	40049780	IDHmut_noncodel
44039	CHD6	20	40049780	LGG GBM
44040	CHD6	20	40049780	LGG GBM
44041	CHD6	20	40049780	Proneural
44042	CHD6	20	40049780	Proneural
44043	CHD6	20	40118620	melanoma
44044	CHD6	20	40162023	melanoma
44045	PTPRT	20	40714372	melanoma
44046	PTPRT	20	40714409	melanoma
44047	PTPRT	20	40714409	melanoma
44048	PTPRT	20	40733218	lung
44049	PTPRT	20	40827958	melanoma
44050	PTPRT	20	40944481	melanoma
44051	PTPRT	20	40979329	melanoma
44052	PTPRT	20	41100947	melanoma
44053	PTPRT	20	41101086	Classic_like
44054	PTPRT	20	41101086	Classic_like
44055	PTPRT	20	41101086	Gbm
44056	PTPRT	20	41101086	Gbm
44057	PTPRT	20	41101086	IDHwt
44058	PTPRT	20	41101086	IDHwt
44059	PTPRT	20	41101086	IDHwt_priGBM
44060	PTPRT	20	41101086	IDHwt_priGBM
44061	PTPRT	20	41101086	LGG GBM
44062	PTPRT	20	41101086	LGG GBM
44063	PTPRT	20	41101086	Mesenchymal
44064	PTPRT	20	41101086	Mesenchymal
44065	PTPRT	20	41306674	Gbm
44066	PTPRT	20	41306674	IDHwt
44067	PTPRT	20	41306674	IDHwt_priGBM
44068	PTPRT	20	41306674	LGG GBM
44069	PTPRT	20	41306674	Mesenchymal
44070	PTPRT	20	41306689	melanoma
44071	PTPRT	20	41385120	Gbm
44072	PTPRT	20	41385120	IDHwt
44073	PTPRT	20	41385120	IDHwt_priGBM
44074	PTPRT	20	41385120	LGG GBM
44075	PTPRT	20	41385120	Mesenchymal
44076	PTPRT	20	41385120	Mesenchymal_like
44077	PTPRT	20	41514453	melanoma
44078	L3MBTL1	20	42164825	bladder
44079	L3MBTL1	20	42168800	melanoma

44080	L3MBTL1	20	42168800	melanoma
44081	SGK2	20	42196316	lung
44082	SGK2	20	42198047	melanoma
44083	SGK2	20	42213553	melanoma
44084	SGK2	20	42213553	melanoma
44085	SGK2	20	42213553	melanoma
44086	SGK2	20	42213553	melanoma
44087	MYBL2	20	42331388	melanoma
44088	MYBL2	20	42331527	melanoma
44089	MYBL2	20	42338658	melanoma
44090	GTSF1L	20	42355148	lung
44091	TOX2	20	42635400	melanoma
44092	TOX2	20	42683079	bladder
44093	TOX2	20	42694356	melanoma
44094	TOX2	20	42694617	melanoma
44095	TOX2	20	42697297	melanoma
44096	TOX2	20	42697297	melanoma
44097	JPH2	20	42788298	lung
44098	JPH2	20	42788438	IDHwt_priGBM2
44099	JPH2	20	42788438	IDHwt_priGBM2
44100	JPH2	20	42788558	Gbm
44101	JPH2	20	42788558	IDHwt
44102	JPH2	20	42788558	IDHwt_priGBM
44103	JPH2	20	42788558	LGG GBM
44104	JPH2	20	42788558	Mesenchymal_like
44105	JPH2	20	42788558	Proneural
44106	JPH2	20	42815224	melanoma
44107	OSER1	20	42826177	Classic
44108	OSER1	20	42826177	Gbm
44109	OSER1	20	42826177	IDHwt
44110	OSER1	20	42826177	IDHwt_priGBM
44111	OSER1	20	42826177	LGG GBM
44112	GDAP1L1	20	42885841	IDHwt
44113	GDAP1L1	20	42885841	LGG GBM
44114	GDAP1L1	20	42885841	Mesenchymal_like
44115	GDAP1L1	20	42885841	Neural
44116	GDAP1L1	20	42885919	melanoma
44117	GDAP1L1	20	42887136	lung
44118	R3HDML	20	42969923	IDHwt_priGBM2
44119	R3HDML	20	42979302	Gbm
44120	R3HDML	20	42979302	IDHwt
44121	R3HDML	20	42979302	IDHwt_priGBM
44122	R3HDML	20	42979302	LGG GBM
44123	R3HDML	20	42979302	Mesenchymal
44124	R3HDML	20	42979302	Mesenchymal_like
44125	HNF4A	20	43057004	Gbm
44126	HNF4A	20	43057004	Gbm
44127	HNF4A	20	43057004	IDHwt
44128	HNF4A	20	43057004	IDHwt
44129	HNF4A	20	43057004	IDHwt_priGBM
44130	HNF4A	20	43057004	IDHwt_priGBM
44131	HNF4A	20	43057004	LGG GBM
44132	HNF4A	20	43057004	LGG GBM
44133	HNF4A	20	43057004	Mesenchymal
44134	HNF4A	20	43057004	Mesenchymal
44135	HNF4A	20	43057004	Mesenchymal_like
44136	HNF4A	20	43057004	Mesenchymal_like
44137	HNF4A	20	43057008	melanoma

44138	HNF4A	20	43057055	Gbm
44139	HNF4A	20	43057055	IDHwt
44140	HNF4A	20	43057055	IDHwt_priGBM
44141	HNF4A	20	43057055	LGG GBM
44142	HNF4A	20	43057055	Mesenchymal_like
44143	HNF4A	20	43058249	Classic_like
44144	HNF4A	20	43058249	IDHwt
44145	HNF4A	20	43058249	LGG GBM
44146	SERINC3	20	43135512	melanoma
44147	WISP2	20	43355755	melanoma
44148	YWHAB	20	43532676	melanoma
44149	YWHAB	20	43532703	Codel
44150	YWHAB	20	43532703	IDHmut
44151	YWHAB	20	43532703	IDHmut_codel
44152	YWHAB	20	43532703	LGG GBM
44153	YWHAB	20	43532703	Proneural
44154	PABPC1L	20	43547671	melanoma
44155	PABPC1L	20	43559150	melanoma
44156	PABPC1L	20	43559150	melanoma
44157	PABPC1L	20	43559150	melanoma
44158	TOMM34	20	43580545	melanoma
44159	TOMM34	20	43580581	melanoma
44160	TOMM34	20	43580581	melanoma
44161	PI3	20	43804559	melanoma
44162	SEMG1	20	43837230	melanoma
44163	SEMG2	20	43850725	melanoma
44164	SEMG2	20	43851343	lung
44165	SEMG2	20	43851397	melanoma
44166	RBPJL;MATN4	20	43936814	Classic_like
44167	RBPJL;MATN4	20	43936814	Gbm
44168	RBPJL;MATN4	20	43936814	IDHwt
44169	RBPJL;MATN4	20	43936814	IDHwt_priGBM
44170	RBPJL;MATN4	20	43936814	LGG GBM
44171	RBPJL;MATN4	20	43936814	Mesenchymal
44172	SYS1	20	43995717	melanoma
44173	PIGT	20	44049017	melanoma
44174	PIGT	20	44049017	melanoma
44175	PIGT	20	44049017	melanoma
44176	PIGT	20	44050133	melanoma
44177	PIGT	20	44050133	melanoma
44178	PIGT	20	44053005	melanoma
44179	WFDC13	20	44330789	melanoma
44180	VFDC10B;WFDC1	20	44333167	melanoma
44181	TNNC2	20	44452656	melanoma
44182	ACOT8	20	44472974	melanoma
44183	ACOT8	20	44477248	Gbm
44184	ACOT8	20	44477248	GCIMP_high
44185	ACOT8	20	44477248	IDHmut
44186	ACOT8	20	44477248	IDHmut_noncodel
44187	ACOT8	20	44477248	LGG GBM
44188	ZSWIM3	20	44506053	melanoma
44189	ZSWIM3	20	44506053	melanoma
44190	ZSWIM3	20	44506102	Gbm
44191	ZSWIM3	20	44506102	IDHwt
44192	ZSWIM3	20	44506102	IDHwt_priGBM
44193	ZSWIM3	20	44506102	LGG GBM
44194	ZSWIM3	20	44506102	Proneural
44195	PLTP	20	44538197	melanoma

44196	PLTP	20	44538197	melanoma
44197	PLTP	20	44538197	melanoma
44198	PCIF1	20	44574849	melanoma
44199	ZNF335	20	44578171	Astr
44200	ZNF335	20	44578171	GCIMP_high
44201	ZNF335	20	44578171	IDHmut
44202	ZNF335	20	44578171	IDHmut_noncode1
44203	ZNF335	20	44578171	LGG GBM
44204	ZNF335	20	44578171	Proneural
44205	ZNF335	20	44579203	melanoma
44206	ZNF335	20	44579203	melanoma
44207	ZNF335	20	44580928	melanoma
44208	ZNF335	20	44582343	melanoma
44209	MMP9	20	44639899	melanoma
44210	MMP9	20	44639899	melanoma
44211	SLC12A5	20	44665935	melanoma
44212	SLC12A5	20	44666013	melanoma
44213	SLC12A5	20	44669999	melanoma
44214	SLC12A5	20	44678397	melanoma
44215	SLC12A5	20	44680411	melanoma
44216	SLC12A5	20	44680441	melanoma
44217	SLC12A5	20	44681607	melanoma
44218	SLC12A5	20	44681607	melanoma
44219	NCOA5	20	44693706	Gbm
44220	NCOA5	20	44693706	IDHwt
44221	NCOA5	20	44693706	IDHwt_priGBM
44222	NCOA5	20	44693706	LGG GBM
44223	NCOA5	20	44693706	Mesenchymal like
44224	NCOA5	20	44693706	Proneural
44225	CDH22	20	44869812	melanoma
44226	SLC35C2	20	44983575	melanoma
44227	ELMO2	20	44996094	lung
44228	ELMO2	20	44996094	lung
44229	ELMO2	20	45002115	melanoma
44230	ELMO2	20	45021736	melanoma
44231	ELMO2	20	45023078	Gbm
44232	ELMO2	20	45023078	Gbm
44233	ELMO2	20	45023078	IDHwt
44234	ELMO2	20	45023078	IDHwt
44235	ELMO2	20	45023078	IDHwt_priGBM
44236	ELMO2	20	45023078	IDHwt_priGBM
44237	ELMO2	20	45023078	LGG GBM
44238	ELMO2	20	45023078	LGG GBM
44239	ELMO2	20	45023078	Mesenchymal
44240	ELMO2	20	45023078	Mesenchymal
44241	ZNF334	20	45130699	melanoma
44242	ZNF334	20	45131035	melanoma
44243	ZNF334	20	45131035	melanoma
44244	ZNF334	20	45131598	melanoma
44245	ZNF334	20	45133316	melanoma
44246	OCSTAMP	20	45174351	lung
44247	SLC13A3	20	45188821	lung
44248	EYA2	20	45700848	melanoma
44249	ZMYND8	20	45978611	melanoma
44250	SULF2	20	46294678	melanoma
44251	SULF2	20	46311906	melanoma
44252	PREX1	20	47309268	bladder
44253	PREX1	20	47317391	melanoma

44254	ARFGEF2	20	47601336	melanoma
44255	ARFGEF2	20	47607697	melanoma
44256	ARFGEF2	20	47626800	Codel
44257	ARFGEF2	20	47626800	IDHmut
44258	ARFGEF2	20	47626800	IDHmut_codel
44259	ARFGEF2	20	47626800	LGG GBM
44260	ARFGEF2	20	47626800	Oligo
44261	ARFGEF2	20	47626800	Proneural
44262	ARFGEF2	20	47630173	melanoma
44263	ARFGEF2	20	47648638	melanoma
44264	CSE1L	20	47686745	melanoma
44265	DDX27	20	47849911	melanoma
44266	DDX27	20	47858631	melanoma
44267	DDX27	20	47858631	melanoma
44268	ZNFX1	20	47865839	melanoma
44269	ZNFX1	20	47865839	melanoma
44270	ZNFX1	20	47870232	Astr
44271	ZNFX1	20	47870232	IDHwt
44272	ZNFX1	20	47870232	LGG GBM
44273	ZNFX1	20	47870232	Mesenchymal_like
44274	KCNB1	20	47991403	bladder
44275	PTGIS	20	48130856	melanoma
44276	SLC9A8	20	48456089	melanoma
44277	SLC9A8	20	48456089	melanoma
44278	SLC9A8	20	48503305	melanoma
44279	SPATA2	20	48522793	Astr
44280	SPATA2	20	48522793	Astr
44281	SPATA2	20	48522793	Astr
44282	SPATA2	20	48522793	IDHwt
44283	SPATA2	20	48522793	IDHwt
44284	SPATA2	20	48522793	IDHwt
44285	SPATA2	20	48522793	LGG GBM
44286	SPATA2	20	48522793	LGG GBM
44287	SPATA2	20	48522793	LGG GBM
44288	SPATA2	20	48522793	Mesenchymal
44289	SPATA2	20	48522793	Mesenchymal
44290	SPATA2	20	48522793	Mesenchymal
44291	SPATA2	20	48522793	Mesenchymal_like
44292	SPATA2	20	48522793	Mesenchymal_like
44293	SPATA2	20	48522793	Mesenchymal_like
44294	SPATA2	20	48523042	Astr
44295	SPATA2	20	48523042	GCIMP_high
44296	SPATA2	20	48523042	IDHmut
44297	SPATA2	20	48523042	IDHmut_noncodel
44298	SPATA2	20	48523042	LGG GBM
44299	SPATA2	20	48523042	Proneural
44300	PTPN1	20	49177921	melanoma
44301	PTPN1	20	49191084	melanoma
44302	PTPN1	20	49197936	melanoma
44303	PTPN1	20	49197936	melanoma
44304	PARD6B	20	49366360	melanoma
44305	PARD6B	20	49366649	Gbm
44306	PARD6B	20	49366649	IDHwt
44307	PARD6B	20	49366649	IDHwt_priGBM
44308	PARD6B	20	49366649	LGG GBM
44309	PARD6B	20	49366916	bladder
44310	ADNP	20	49508373	melanoma
44311	ADNP	20	49509095	melanoma

44312	ADNP	20	49509929	melanoma
44313	MOCS3	20	49576598	melanoma
44314	KCNG1	20	49626764	lung
44315	KCNG1	20	49626764	lung
44316	KCNG1	20	49626764	lung
44317	NFATC2	20	50090573	melanoma
44318	NFATC2	20	50092113	melanoma
44319	NFATC2	20	50179137	hnscc
44320	ATP9A	20	50221365	melanoma
44321	ATP9A	20	50241861	melanoma
44322	ATP9A	20	50273590	melanoma
44323	ATP9A	20	50290749	hnscc
44324	SALL4	20	50401201	Classic_like
44325	SALL4	20	50401201	Gbm
44326	SALL4	20	50401201	IDHwt
44327	SALL4	20	50401201	IDHwt_priGBM
44328	SALL4	20	50401201	LGG GBM
44329	SALL4	20	50401201	Proneural
44330	SALL4	20	50406636	melanoma
44331	ZFP64	20	50776664	Astr
44332	ZFP64	20	50776664	Astr
44333	ZFP64	20	50776664	IDHwt
44334	ZFP64	20	50776664	IDHwt
44335	ZFP64	20	50776664	LGG GBM
44336	ZFP64	20	50776664	LGG GBM
44337	ZFP64	20	50776664	PA_like
44338	ZFP64	20	50776664	PA_like
44339	TSHZ2	20	51870661	Gbm
44340	TSHZ2	20	51870661	IDHwt
44341	TSHZ2	20	51870661	IDHwt_priGBM
44342	TSHZ2	20	51870661	LGG GBM
44343	TSHZ2	20	51870661	Proneural
44344	TSHZ2	20	51871891	melanoma
44345	TSHZ2	20	51872185	melanoma
44346	TSHZ2	20	51872185	melanoma
44347	TSHZ2	20	51872246	melanoma
44348	TSHZ2	20	51872260	Gbm
44349	TSHZ2	20	51872260	IDHwt
44350	TSHZ2	20	51872260	IDHwt_priGBM
44351	TSHZ2	20	51872260	LGG GBM
44352	TSHZ2	20	51872260	Mesenchymal_like
44353	TSHZ2	20	51872260	Proneural
44354	TSHZ2	20	51872726	Astr
44355	TSHZ2	20	51872726	IDHwt
44356	TSHZ2	20	51872726	LGG GBM
44357	TSHZ2	20	51872726	Mesenchymal_like
44358	ZNF217	20	52198989	melanoma
44359	BCAS1	20	52601888	melanoma
44360	BCAS1	20	52601900	melanoma
44361	BCAS1	20	52601900	melanoma
44362	BCAS1	20	52612462	melanoma
44363	CYP24A1	20	52775590	melanoma
44364	CYP24A1	20	52775590	melanoma
44365	CYP24A1	20	52775590	melanoma
44366	CYP24A1	20	52779339	Codel
44367	CYP24A1	20	52779339	IDHmut
44368	CYP24A1	20	52779339	IDHmut_codel
44369	CYP24A1	20	52779339	LGG GBM

44370	CYP24A1	20	52779339	Neural
44371	CYP24A1	20	52779339	Oligo
44372	PFDN4	20	52830966	Gbm
44373	PFDN4	20	52830966	IDHwt
44374	PFDN4	20	52830966	IDHwt_priGBM
44375	PFDN4	20	52830966	LGG GBM
44376	PFDN4	20	52830966	Mesenchymal_like
44377	DOK5	20	53227058	melanoma
44378	DOK5	20	53227058	melanoma
44379	DOK5	20	53227058	melanoma
44380	CBLN4	20	54573702	melanoma
44381	CBLN4	20	54578977	melanoma
44382	MC3R	20	54823903	lung
44383	MC3R	20	54823943	melanoma
44384	FAM210B	20	54934110	lung
44385	FAM210B	20	54934110	lung
44386	AURKA	20	54945690	melanoma
44387	AURKA	20	54945690	melanoma
44388	AURKA	20	54945690	melanoma
44389	CSTF1	20	54978578	melanoma
44390	CASS4	20	55027196	melanoma
44391	CASS4	20	55027226	melanoma
44392	CASS4	20	55027835	melanoma
44393	CASS4	20	55033503	lung
44394	FAM209A	20	55100033	lung
44395	FAM209A	20	55100033	lung
44396	FAM209A	20	55101109	melanoma
44397	TFAP2C	20	55208535	lung
44398	TFAP2C	20	55209214	melanoma
44399	BMP7	20	55746083	melanoma
44400	BMP7	20	55841032	lung
44401	SPO11	20	55915179	melanoma
44402	SPO11	20	55915179	melanoma
44403	RAE1	20	55949787	melanoma
44404	RBM38	20	55982700	melanoma
44405	RBM38	20	55982700	melanoma
44406	CTCFL	20	56083831	melanoma
44407	CTCFL	20	56098286	melanoma
44408	CTCFL	20	56098286	melanoma
44409	PCK1	20	56138712	melanoma
44410	PCK1	20	56140691	Gbm
44411	PCK1	20	56140691	IDHwt
44412	PCK1	20	56140691	IDHwt_priGBM
44413	PCK1	20	56140691	LGG GBM
44414	PCK1	20	56140691	Mesenchymal_like
44415	C20orf85	20	56728671	melanoma
44416	NPEPL1	20	57273798	lung
44417	GNAS	20	57415216	melanoma
44418	GNAS	20	57428501	Astr
44419	GNAS	20	57428501	IDHwt
44420	GNAS	20	57428501	LGG GBM
44421	GNAS	20	57428501	Mesenchymal_like
44422	GNAS	20	57429282	melanoma
44423	GNAS	20	57430009	hnscc
44424	GNAS	20	57430122	melanoma
44425	GNAS	20	57430122	melanoma
44426	GNAS	20	57430122	melanoma
44427	CTSZ	20	57576660	melanoma

44428	ZNF831	20	57766174	melanoma
44429	ZNF831	20	57766352	lung
44430	ZNF831	20	57766658	GCIMP_high
44431	ZNF831	20	57766658	IDHmut
44432	ZNF831	20	57766658	IDHmut_noncodel
44433	ZNF831	20	57766658	LGG GBM
44434	ZNF831	20	57766658	OligoAstr
44435	ZNF831	20	57767335	melanoma
44436	ZNF831	20	57767405	Classic_like
44437	ZNF831	20	57767405	Gbm
44438	ZNF831	20	57767405	IDHwt
44439	ZNF831	20	57767405	IDHwt_priGBM
44440	ZNF831	20	57767405	LGG GBM
44441	ZNF831	20	57768889	melanoma
44442	ZNF831	20	57828126	melanoma
44443	ZNF831	20	57829268	melanoma
44444	ZNF831	20	57829268	melanoma
44445	EDN3	20	57896128	melanoma
44446	EDN3	20	57899455	melanoma
44447	PHACTR3	20	58420289	melanoma
44448	PHACTR3	20	58420289	melanoma
44449	SYCP2	20	58461873	melanoma
44450	SYCP2	20	58461873	melanoma
44451	CDH26	20	58571079	melanoma
44452	CDH26	20	58571079	melanoma
44453	CDH26	20	58587615	melanoma
44454	CDH4	20	60427823	melanoma
44455	CDH4	20	60427833	melanoma
44456	CDH4	20	60504690	Astr
44457	CDH4	20	60504690	IDHwt
44458	CDH4	20	60504690	LGG GBM
44459	CDH4	20	60504690	Neural
44460	CDH4	20	60504690	PA_like
44461	CDH4	20	60504712	melanoma
44462	CDH4	20	60504712	melanoma
44463	MTG2	20	60776033	melanoma
44464	HRH3	20	60791729	melanoma
44465	HRH3	20	60791774	Classic_like
44466	HRH3	20	60791774	Gbm
44467	HRH3	20	60791774	IDHwt
44468	HRH3	20	60791774	IDHwt_priGBM
44469	HRH3	20	60791774	LGG GBM
44470	HRH3	20	60791855	melanoma
44471	HRH3	20	60791855	melanoma
44472	HRH3	20	60791855	melanoma
44473	LAMA5	20	60886311	melanoma
44474	LAMA5	20	60887308	melanoma
44475	LAMA5	20	60887326	Classic
44476	LAMA5	20	60887326	Classic_like
44477	LAMA5	20	60887326	Gbm
44478	LAMA5	20	60887326	IDHwt
44479	LAMA5	20	60887326	IDHwt_priGBM
44480	LAMA5	20	60887326	LGG GBM
44481	LAMA5	20	60888719	melanoma
44482	LAMA5	20	60904880	melanoma
44483	LAMA5	20	60908277	melanoma
44484	RBBP8NL	20	60992299	Codel
44485	RBBP8NL	20	60992299	IDHmut

44486	RBBP8NL	20	60992299	IDHmut_codel
44487	RBBP8NL	20	60992299	LGG GBM
44488	RBBP8NL	20	60992299	Oligo
44489	RBBP8NL	20	60992299	Proneural
44490	NTSR1	20	61340968	lung
44491	NTSR1	20	61340986	Gbm
44492	NTSR1	20	61340986	IDHwt
44493	NTSR1	20	61340986	IDHwt_priGBM
44494	NTSR1	20	61340986	LGG GBM
44495	NTSR1	20	61340986	Mesenchymal_like
44496	NTSR1	20	61341151	Classic_like
44497	NTSR1	20	61341151	Gbm
44498	NTSR1	20	61341151	IDHwt
44499	NTSR1	20	61341151	IDHwt_priGBM
44500	NTSR1	20	61341151	LGG GBM
44501	COL9A3	20	61461754	lung
44502	TCFL5	20	61488943	Codel
44503	TCFL5	20	61488943	IDHmut
44504	TCFL5	20	61488943	IDHmut_codel
44505	TCFL5	20	61488943	LGG GBM
44506	TCFL5	20	61488943	Oligo
44507	TCFL5	20	61488943	Proneural
44508	DIDO1	20	61510920	lung
44509	DIDO1	20	61510920	lung
44510	DIDO1	20	61511591	melanoma
44511	DIDO1	20	61528063	melanoma
44512	DIDO1	20	61541320	melanoma
44513	GID8	20	61574483	melanoma
44514	GID8	20	61575004	bladder
44515	GID8	20	61575004	bladder
44516	SLC17A9	20	61596499	IDHwt_priGBM2
44517	SLC17A9	20	61598782	melanoma
44518	SLC17A9	20	61598782	melanoma
44519	COL20A1	20	61936864	lung
44520	COL20A1	20	61942767	Classic_like
44521	COL20A1	20	61942767	Gbm
44522	COL20A1	20	61942767	IDHwt
44523	COL20A1	20	61942767	IDHwt_priGBM
44524	COL20A1	20	61942767	LGG GBM
44525	COL20A1	20	61942767	Neural
44526	COL20A1	20	61951542	melanoma
44527	COL20A1	20	61952411	melanoma
44528	CHRNA4	20	61981337	melanoma
44529	KCNQ2	20	62073797	melanoma
44530	PTK6	20	62161449	melanoma
44531	SRMS	20	62172684	Codel
44532	SRMS	20	62172684	IDHmut
44533	SRMS	20	62172684	IDHmut_codel
44534	SRMS	20	62172684	LGG GBM
44535	SRMS	20	62172684	Oligo
44536	SRMS	20	62172684	Proneural
44537	HELZ2	20	62194651	lung
44538	HELZ2	20	62195616	lung
44539	HELZ2	20	62196387	lung
44540	GMEB2	20	62221989	melanoma
44541	GMEB2	20	62221989	melanoma
44542	RTEL1	20	62316919	melanoma
44543	RTEL1	20	62320481	lung

44544	RTEL1	20	62323158	melanoma
44545	UCKL1	20	62571796	Classic
44546	UCKL1	20	62571796	Gbm
44547	UCKL1	20	62571796	IDHwt
44548	UCKL1	20	62571796	IDHwt_priGBM
44549	UCKL1	20	62571796	LGG GBM
44550	UCKL1	20	62571796	Mesenchymal_like
44551	ZNF512B	20	62597572	bladder
44552	ZNF512B	20	62597572	bladder
44553	SAMD10	20	62606882	melanoma
44554	PRPF6	20	62624800	lung
44555	PRPF6	20	62626344	lung
44556	OPRL1	20	62724143	melanoma
44557	OPRL1	20	62729363	melanoma
44558	OPRL1	20	62729363	melanoma
44559	OPRL1	20	62729363	melanoma
44560	OPRL1	20	62729760	lung
44561	NPBWR2	20	62737760	melanoma
44562	NPBWR2	20	62737760	melanoma
44563	NPBWR2	20	62737760	melanoma
44564	MYT1	20	62838965	melanoma
44565	TPTE	21	10906973	melanoma
44566	TPTE	21	10906975	melanoma
44567	TPTE	21	10908835	melanoma
44568	TPTE	21	10908838	melanoma
44569	TPTE	21	10908838	melanoma
44570	TPTE	21	10914379	melanoma
44571	TPTE	21	10914379	melanoma
44572	TPTE	21	10933891	melanoma
44573	TPTE	21	10933918	melanoma
44574	TPTE	21	10942968	melanoma
44575	TPTE	21	10942968	melanoma
44576	TPTE	21	10942968	melanoma
44577	TPTE	21	10942968	melanoma
44578	TPTE	21	10944672	melanoma
44579	TPTE	21	10944672	melanoma
44580	TPTE	21	10944729	melanoma
44581	TPTE	21	10951332	Classic
44582	TPTE	21	10951332	Classic_like
44583	TPTE	21	10951332	Gbm
44584	TPTE	21	10951332	IDHwt
44585	TPTE	21	10951332	IDHwt_priGBM
44586	TPTE	21	10951332	LGG GBM
44587	TPTE	21	10969099	melanoma
44588	LIPI	21	15516975	melanoma
44589	LIPI	21	15535788	melanoma
44590	LIPI	21	15535788	melanoma
44591	LIPI	21	15535809	melanoma
44592	LIPI	21	15535809	melanoma
44593	LIPI	21	15538709	melanoma
44594	LIPI	21	15561431	Astr
44595	LIPI	21	15561431	GCIMP_high
44596	LIPI	21	15561431	IDHmut
44597	LIPI	21	15561431	IDHmut_noncodel
44598	LIPI	21	15561431	LGG GBM
44599	LIPI	21	15561431	Proneural
44600	LIPI	21	15561519	melanoma
44601	RBM11	21	15599294	melanoma

44602	HSPA13	21	15750526	melanoma
44603	HSPA13	21	15750526	melanoma
44604	HSPA13	21	15750526	melanoma
44605	HSPA13	21	15753861	melanoma
44606	SAMSN1	21	15893515	melanoma
44607	LOC388813	21	15985227	lung
44608	NRIP1	21	16339283	Classic_like
44609	NRIP1	21	16339283	Gbm
44610	NRIP1	21	16339283	IDHwt
44611	NRIP1	21	16339283	IDHwt_priGBM
44612	NRIP1	21	16339283	LGG GBM
44613	NRIP1	21	16339283	Neural
44614	NRIP1	21	16339454	melanoma
44615	NRIP1	21	16340303	Gbm
44616	NRIP1	21	16340303	IDHwt
44617	NRIP1	21	16340303	IDHwt_priGBM
44618	NRIP1	21	16340303	LGG GBM
44619	NRIP1	21	16340303	Mesenchymal_like
44620	NRIP1	21	16340303	Neural
44621	USP25	21	17163933	bladder
44622	USP25	21	17199367	melanoma
44623	USP25	21	17246733	melanoma
44624	USP25	21	17246819	GCIMP_high
44625	USP25	21	17246819	IDHmut
44626	USP25	21	17246819	IDHmut_noncodel
44627	USP25	21	17246819	LGG GBM
44628	USP25	21	17246819	Oligo
44629	USP25	21	17246819	Proneural
44630	CXADR	21	18924169	melanoma
44631	CXADR	21	18933059	melanoma
44632	BTG3	21	18970964	melanoma
44633	C21orf91	21	19169228	melanoma
44634	C21orf91	21	19169228	melanoma
44635	TMPRSS15	21	19647560	Gbm
44636	TMPRSS15	21	19647560	IDHwt
44637	TMPRSS15	21	19647560	IDHwt_priGBM
44638	TMPRSS15	21	19647560	LGG GBM
44639	TMPRSS15	21	19647560	Mesenchymal
44640	TMPRSS15	21	19670076	melanoma
44641	TMPRSS15	21	19726139	melanoma
44642	TMPRSS15	21	19732119	melanoma
44643	TMPRSS15	21	19737523	melanoma
44644	TMPRSS15	21	19737523	melanoma
44645	TMPRSS15	21	19770581	Codel
44646	TMPRSS15	21	19770581	Codel
44647	TMPRSS15	21	19770581	IDHmut
44648	TMPRSS15	21	19770581	IDHmut
44649	TMPRSS15	21	19770581	IDHmut_codel
44650	TMPRSS15	21	19770581	IDHmut_codel
44651	TMPRSS15	21	19770581	LGG GBM
44652	TMPRSS15	21	19770581	LGG GBM
44653	TMPRSS15	21	19770581	Oligo
44654	TMPRSS15	21	19770581	Oligo
44655	TMPRSS15	21	19770581	Proneural
44656	TMPRSS15	21	19770581	Proneural
44657	NCAM2	21	22838953	melanoma
44658	MRPL39	21	26960097	melanoma
44659	JAM2	21	27062228	melanoma

44660	JAM2	21	27070994	lung
44661	APP	21	27326968	melanoma
44662	APP	21	27372471	lung
44663	CYR1	21	27852599	lung
44664	ADAMTS1	21	28210518	Codel
44665	ADAMTS1	21	28210518	IDHmut
44666	ADAMTS1	21	28210518	IDHmut_codel
44667	ADAMTS1	21	28210518	LGG GBM
44668	ADAMTS1	21	28210518	Oligo
44669	ADAMTS1	21	28210518	Proneural
44670	ADAMTS5	21	28296911	melanoma
44671	ADAMTS5	21	28315809	melanoma
44672	ADAMTS5	21	28327064	melanoma
44673	ADAMTS5	21	28337878	melanoma
44674	ADAMTS5	21	28338125	bladder
44675	ADAMTS5	21	28338125	bladder
44676	LTN1	21	30316166	lung
44677	LTN1	21	30316167	bladder
44678	LTN1	21	30318211	melanoma
44679	LTN1	21	30329697	melanoma
44680	LTN1	21	30342919	melanoma
44681	LTN1	21	30343636	melanoma
44682	LTN1	21	30343636	melanoma
44683	USP16	21	30409731	Gbm
44684	USP16	21	30409731	IDHwt
44685	USP16	21	30409731	IDHwt_priGBM
44686	USP16	21	30409731	LGG GBM
44687	USP16	21	30409731	Mesenchymal like
44688	USP16	21	30409731	Proneural
44689	USP16	21	30421094	bladder
44690	USP16	21	30426437	melanoma
44691	USP16	21	30426437	melanoma
44692	GRIK1	21	30961245	melanoma
44693	GRIK1	21	31015171	melanoma
44694	GRIK1	21	31045398	Astr
44695	GRIK1	21	31045398	Astr
44696	GRIK1	21	31045398	IDHwt
44697	GRIK1	21	31045398	IDHwt
44698	GRIK1	21	31045398	LGG GBM
44699	GRIK1	21	31045398	LGG GBM
44700	GRIK1	21	31045398	PA like
44701	GRIK1	21	31045398	PA like
44702	CLDN8	21	31587682	melanoma
44703	CLDN8	21	31587735	melanoma
44704	KRTAP24-1	21	31655144	melanoma
44705	KRTAP13-1	21	31768816	melanoma
44706	KRTAP13-1	21	31768816	melanoma
44707	KRTAP13-3	21	31797821	lung
44708	KRTAP13-4	21	31802870	lung
44709	KRTAP19-2	21	31859635	Classic
44710	KRTAP19-2	21	31859635	Classic like
44711	KRTAP19-2	21	31859635	Gbm
44712	KRTAP19-2	21	31859635	IDHwt
44713	KRTAP19-2	21	31859635	IDHwt_priGBM
44714	KRTAP19-2	21	31859635	LGG GBM
44715	KRTAP19-4	21	31869280	lung
44716	KRTAP19-4	21	31869382	bladder
44717	KRTAP19-7	21	31933430	melanoma

44718	KRTAP22-1	21	31973557	melanoma
44719	KRTAP6-1	21	31986055	Classic
44720	KRTAP6-1	21	31986055	Gbm
44721	KRTAP6-1	21	31986055	IDHwt
44722	KRTAP6-1	21	31986055	IDHwt_priGBM
44723	KRTAP6-1	21	31986055	LGG GBM
44724	KRTAP6-1	21	31986055	Mesenchymal_like
44725	KRTAP19-8	21	32410590	melanoma
44726	TIAM1	21	32502564	bladder
44727	TIAM1	21	32513732	melanoma
44728	TIAM1	21	32513732	melanoma
44729	TIAM1	21	32513794	melanoma
44730	TIAM1	21	32585770	hnscc
44731	TIAM1	21	32595859	melanoma
44732	TIAM1	21	32639018	melanoma
44733	TIAM1	21	32639018	melanoma
44734	SCAF4	21	33043789	bladder
44735	HUNK	21	33331183	melanoma
44736	HUNK	21	33340579	melanoma
44737	HUNK	21	33368178	bladder
44738	MRAP	21	33684099	melanoma
44739	SYNJ1	21	34018792	melanoma
44740	SYNJ1	21	34072265	melanoma
44741	IFNAR2	21	34617337	melanoma
44742	IL10RB	21	34652146	melanoma
44743	IL10RB	21	34652146	melanoma
44744	IFNAR1	21	34726058	melanoma
44745	DNAJC28	21	34860851	melanoma
44746	DNAJC28	21	34860851	melanoma
44747	DNAJC28	21	34860851	melanoma
44748	DNAJC28	21	34861310	Classic_like
44749	DNAJC28	21	34861310	Gbm
44750	DNAJC28	21	34861310	IDHwt
44751	DNAJC28	21	34861310	IDHwt_priGBM
44752	DNAJC28	21	34861310	LGG GBM
44753	DNAJC28	21	34861579	melanoma
44754	DNAJC28	21	34861579	melanoma
44755	GART	21	34889719	bladder
44756	GART	21	34901171	melanoma
44757	SON	21	34923149	melanoma
44758	SON	21	34924118	Codel
44759	SON	21	34924118	Codel
44760	SON	21	34924118	IDHmut
44761	SON	21	34924118	IDHmut
44762	SON	21	34924118	IDHmut_codel
44763	SON	21	34924118	IDHmut_codel
44764	SON	21	34924118	LGG GBM
44765	SON	21	34924118	LGG GBM
44766	SON	21	34924118	Oligo
44767	SON	21	34924118	Oligo
44768	SON	21	34924118	Proneural
44769	SON	21	34924118	Proneural
44770	SON	21	34925244	Gbm
44771	SON	21	34925244	IDHwt
44772	SON	21	34925244	IDHwt_priGBM
44773	SON	21	34925244	LGG GBM
44774	SON	21	34925244	Mesenchymal
44775	SON	21	34925244	Mesenchymal_like

44776	SON	21	34926006	hnscc
44777	SON	21	34926006	hnscc
44778	SON	21	34927337	melanoma
44779	SON	21	34929498	melanoma
44780	SON	21	34931918	melanoma
44781	CRYZL1	21	34968106	melanoma
44782	CRYZL1	21	34969597	hnscc
44783	CRYZL1	21	34974566	melanoma
44784	ATP5O	21	35284600	melanoma
44785	SLC5A3	21	35468984	melanoma
44786	SLC5A3	21	35469247	melanoma
44787	RUNX1	21	36206764	melanoma
44788	CBR1	21	37442646	Classic
44789	CBR1	21	37442646	Classic_like
44790	CBR1	21	37442646	Gbm
44791	CBR1	21	37442646	IDHwt
44792	CBR1	21	37442646	IDHwt_priGBM
44793	CBR1	21	37442646	LGG GBM
44794	CBR1	21	37444929	melanoma
44795	DOPEY2	21	37537123	melanoma
44796	DOPEY2	21	37537123	melanoma
44797	DOPEY2	21	37612149	melanoma
44798	DOPEY2	21	37612149	melanoma
44799	DOPEY2	21	37617841	Classic_like
44800	DOPEY2	21	37617841	IDHwt
44801	DOPEY2	21	37617841	LGG GBM
44802	DOPEY2	21	37617841	Neural
44803	DOPEY2	21	37617841	Oligo
44804	DOPEY2	21	37620742	melanoma
44805	DOPEY2	21	37620742	melanoma
44806	MORC3	21	37741593	bladder
44807	H LCS	21	38309140	melanoma
44808	TTC3	21	38525475	melanoma
44809	KCNJ6	21	39086597	melanoma
44810	KCNJ6	21	39086787	melanoma
44811	KCNJ15	21	39671244	melanoma
44812	KCNJ15	21	39671791	melanoma
44813	KCNJ15	21	39671917	melanoma
44814	ERG	21	39774508	melanoma
44815	ERG	21	39795376	Classic
44816	ERG	21	39795376	Classic
44817	ERG	21	39795376	Classic
44818	ERG	21	39795376	Gbm
44819	ERG	21	39795376	Gbm
44820	ERG	21	39795376	Gbm
44821	ERG	21	39795376	IDHwt
44822	ERG	21	39795376	IDHwt
44823	ERG	21	39795376	IDHwt
44824	ERG	21	39795376	IDHwt_priGBM
44825	ERG	21	39795376	IDHwt_priGBM
44826	ERG	21	39795376	IDHwt_priGBM
44827	ERG	21	39795376	LGG GBM
44828	ERG	21	39795376	LGG GBM
44829	ERG	21	39795376	LGG GBM
44830	ERG	21	39795376	Mesenchymal_like
44831	ERG	21	39795376	Mesenchymal_like
44832	ERG	21	39795376	Mesenchymal_like
44833	ERG	21	39817400	melanoma

44834	LCA5L	21	40795057	melanoma
44835	LCA5L	21	40795057	melanoma
44836	SH3BGR	21	40824031	bladder
44837	B3GALT5	21	41033203	Classic_like
44838	B3GALT5	21	41033203	Gbm
44839	B3GALT5	21	41033203	IDHwt
44840	B3GALT5	21	41033203	IDHwt_priGBM
44841	B3GALT5	21	41033203	LGG GBM
44842	B3GALT5	21	41033203	Mesenchymal
44843	B3GALT5	21	41033345	melanoma
44844	IGSF5	21	41173235	melanoma
44845	PCP4	21	41300929	melanoma
44846	PCP4	21	41300974	melanoma
44847	DSCAM	21	41385170	melanoma
44848	DSCAM	21	41414514	melanoma
44849	DSCAM	21	41447128	melanoma
44850	DSCAM	21	41450631	melanoma
44851	DSCAM	21	41450781	melanoma
44852	DSCAM	21	41452121	melanoma
44853	DSCAM	21	41452121	melanoma
44854	DSCAM	21	41465753	melanoma
44855	DSCAM	21	41465764	melanoma
44856	DSCAM	21	41505880	melanoma
44857	DSCAM	21	41514535	melanoma
44858	DSCAM	21	41514535	melanoma
44859	DSCAM	21	41561132	melanoma
44860	DSCAM	21	41668096	melanoma
44861	DSCAM	21	41684076	melanoma
44862	DSCAM	21	41711165	melanoma
44863	DSCAM	21	41719699	melanoma
44864	DSCAM	21	42064795	melanoma
44865	DSCAM	21	42064850	lung
44866	BACE2	21	42647526	melanoma
44867	MX2	21	42770828	melanoma
44868	MX1	21	42823124	melanoma
44869	MX1	21	42823124	melanoma
44870	RIPK4	21	43161932	IDHwt_priGBM2
44871	RIPK4	21	43161932	IDHwt_priGBM2
44872	RIPK4	21	43162031	Classic_like
44873	RIPK4	21	43162031	Gbm
44874	RIPK4	21	43162031	IDHwt
44875	RIPK4	21	43162031	IDHwt_priGBM
44876	RIPK4	21	43162031	LGG GBM
44877	RIPK4	21	43164086	lung
44878	RIPK4	21	43164086	lung
44879	RIPK4	21	43164200	melanoma
44880	PRDM15	21	43221528	melanoma
44881	PRDM15	21	43221566	melanoma
44882	PRDM15	21	43221566	melanoma
44883	C2CD2	21	43339030	lung
44884	ZBTB21	21	43411960	Gbm
44885	ZBTB21	21	43411960	IDHwt
44886	ZBTB21	21	43411960	IDHwt_priGBM
44887	ZBTB21	21	43411960	LGG GBM
44888	ZBTB21	21	43411960	Mesenchymal
44889	ZBTB21	21	43412127	lung
44890	ZBTB21	21	43412456	bladder
44891	ZBTB21	21	43413889	melanoma

44892	UMODL1	21	43496188	Classic
44893	UMODL1	21	43496188	Classic_like
44894	UMODL1	21	43496188	Gbm
44895	UMODL1	21	43496188	IDHwt
44896	UMODL1	21	43496188	IDHwt_priGBM
44897	UMODL1	21	43496188	LGG GBM
44898	UMODL1	21	43496233	melanoma
44899	UMODL1	21	43508435	melanoma
44900	UMODL1	21	43508435	melanoma
44901	UMODL1	21	43539392	melanoma
44902	ABCG1	21	43714725	melanoma
44903	TFF2	21	43767649	melanoma
44904	TMPRSS3	21	43809136	melanoma
44905	UBASH3A	21	43852239	lung
44906	UBASH3A	21	43857670	Gbm
44907	UBASH3A	21	43857670	Gbm
44908	UBASH3A	21	43857670	IDHwt
44909	UBASH3A	21	43857670	IDHwt
44910	UBASH3A	21	43857670	IDHwt_priGBM
44911	UBASH3A	21	43857670	IDHwt_priGBM
44912	UBASH3A	21	43857670	LGG GBM
44913	UBASH3A	21	43857670	LGG GBM
44914	UBASH3A	21	43857670	Mesenchymal_like
44915	UBASH3A	21	43857670	Mesenchymal_like
44916	UBASH3A	21	43862649	melanoma
44917	NDUFV3	21	44323996	melanoma
44918	NDUFV3	21	44323996	melanoma
44919	NDUFV3	21	44329094	melanoma
44920	PKNOX1	21	44438261	melanoma
44921	PKNOX1	21	44438261	melanoma
44922	U2AF1;U2AF1L5	21	44524456	lung
44923	U2AF1;U2AF1L5	21	44524456	melanoma
44924	YAA;LOC1027246	21	44589265	melanoma
44925	YAA;LOC1027246	21	44589300	melanoma
44926	YAA;LOC1027246	21	44589300	melanoma
44927	OC102724428;Slk	21	44838937	bladder
44928	HSF2BP	21	44949704	Astr
44929	HSF2BP	21	44949704	IDHwt
44930	HSF2BP	21	44949704	LGG GBM
44931	HSF2BP	21	44949704	Mesenchymal_like
44932	HSF2BP	21	44949704	Neural
44933	AGPAT3	21	45389039	melanoma
44934	AGPAT3	21	45390615	melanoma
44935	TRAPPC10	21	45483620	melanoma
44936	TRAPPC10	21	45507661	melanoma
44937	TRAPPC10	21	45507661	melanoma
44938	TRAPPC10	21	45514008	melanoma
44939	PWP2	21	45537765	melanoma
44940	PWP2	21	45540335	melanoma
44941	PWP2	21	45540335	melanoma
44942	PWP2	21	45540355	Codel
44943	PWP2	21	45540355	Codel
44944	PWP2	21	45540355	IDHmut
44945	PWP2	21	45540355	IDHmut
44946	PWP2	21	45540355	IDHmut_codel
44947	PWP2	21	45540355	IDHmut_codel
44948	PWP2	21	45540355	LGG GBM
44949	PWP2	21	45540355	LGG GBM

44950	PWP2	21	45540355	Oligo
44951	PWP2	21	45540355	Oligo
44952	PWP2	21	45540355	Proneural
44953	PWP2	21	45540355	Proneural
44954	DNMT3L	21	45678501	melanoma
44955	AIRE	21	45713730	melanoma
44956	PFKL	21	45726635	Astr
44957	PFKL	21	45726635	Codel
44958	PFKL	21	45726635	IDHmut
44959	PFKL	21	45726635	IDHmut_codel
44960	PFKL	21	45726635	LGG GBM
44961	PFKL	21	45726635	Proneural
44962	PFKL	21	45732882	melanoma
44963	PFKL	21	45744509	melanoma
44964	C21orf2	21	45750795	GCIMP_high
44965	C21orf2	21	45750795	IDHmut
44966	C21orf2	21	45750795	IDHmut_noncodel
44967	C21orf2	21	45750795	LGG GBM
44968	C21orf2	21	45750795	Neural
44969	C21orf2	21	45750795	OligoAstr
44970	TRPM2	21	45795873	melanoma
44971	TRPM2	21	45811344	melanoma
44972	TRPM2	21	45815349	melanoma
44973	TRPM2	21	45815349	melanoma
44974	TRPM2	21	45815349	melanoma
44975	TRPM2	21	45821664	Gbm
44976	TRPM2	21	45821664	IDHwt
44977	TRPM2	21	45821664	IDHwt_priGBM
44978	TRPM2	21	45821664	LGG GBM
44979	TRPM2	21	45821664	Mesenchymal_like
44980	TRPM2	21	45825064	melanoma
44981	TRPM2	21	45846577	Astr
44982	TRPM2	21	45846577	Classic
44983	TRPM2	21	45846577	Classic_like
44984	TRPM2	21	45846577	IDHwt
44985	TRPM2	21	45846577	LGG GBM
44986	TRPM2	21	45861657	melanoma
44987	TSPEAR	21	45924705	melanoma
44988	TSPEAR	21	45947315	lung
44989	KRTAP10-5	21	45999743	melanoma
44990	KRTAP10-8	21	46032640	melanoma
44991	KRTAP10-8	21	46032640	melanoma
44992	KRTAP10-8	21	46032640	melanoma
44993	KRTAP10-9	21	46047894	melanoma
44994	KRTAP10-10	21	46057345	melanoma
44995	KRTAP10-10	21	46057345	melanoma
44996	KRTAP10-10	21	46057894	melanoma
44997	KRTAP10-10	21	46057894	melanoma
44998	KRTAP10-11	21	46066409	Classic
44999	KRTAP10-11	21	46066409	Gbm
45000	KRTAP10-11	21	46066409	IDHwt
45001	KRTAP10-11	21	46066409	IDHwt_priGBM
45002	KRTAP10-11	21	46066409	LGG GBM
45003	ITGB2	21	46311847	Gbm
45004	ITGB2	21	46311847	IDHwt
45005	ITGB2	21	46311847	IDHwt_priGBM
45006	ITGB2	21	46311847	LGG GBM
45007	ITGB2	21	46311847	Mesenchymal

45008	ITGB2	21	46311847	Mesenchymal_like
45009	ITGB2	21	46323448	melanoma
45010	ADARB1	21	46596052	melanoma
45011	ADARB1	21	46600317	bladder
45012	POFUT2	21	46685527	melanoma
45013	POFUT2	21	46685527	melanoma
45014	POFUT2	21	46705679	melanoma
45015	COL18A1	21	46876130	melanoma
45016	COL18A1	21	46888315	melanoma
45017	COL18A1	21	46888315	melanoma
45018	COL18A1	21	46900051	melanoma
45019	COL18A1	21	46929424	lung
45020	SLC19A1	21	46951822	Astr
45021	SLC19A1	21	46951822	IDHwt
45022	SLC19A1	21	46951822	LGG GBM
45023	SLC19A1	21	46951822	Neural
45024	SLC19A1	21	46951822	PA_like
45025	COL6A1	21	47423838	bladder
45026	COL6A2	21	47531938	melanoma
45027	FTCD	21	47556376	melanoma
45028	MCM3AP	21	47660773	Astr
45029	MCM3AP	21	47660773	GCIMP_high
45030	MCM3AP	21	47660773	IDHmut
45031	MCM3AP	21	47660773	IDHmut_noncodel
45032	MCM3AP	21	47660773	LGG GBM
45033	MCM3AP	21	47660773	Proneural
45034	MCM3AP	21	47660791	melanoma
45035	MCM3AP	21	47660791	melanoma
45036	MCM3AP	21	47692691	melanoma
45037	MCM3AP	21	47692691	melanoma
45038	MCM3AP	21	47697629	melanoma
45039	MCM3AP	21	47697629	melanoma
45040	C21orf58	21	47731400	melanoma
45041	PCNT	21	47836559	melanoma
45042	PCNT	21	47845769	melanoma
45043	DIP2A	21	47954567	Classic
45044	DIP2A	21	47954567	Classic_like
45045	DIP2A	21	47954567	Gbm
45046	DIP2A	21	47954567	IDHwt
45047	DIP2A	21	47954567	IDHwt_priGBM
45048	DIP2A	21	47954567	LGG GBM
45049	CCT8L2	22	17071894	melanoma
45050	CCT8L2	22	17071934	melanoma
45051	CCT8L2	22	17072431	Classic_like
45052	CCT8L2	22	17072431	Gbm
45053	CCT8L2	22	17072431	IDHwt
45054	CCT8L2	22	17072431	IDHwt_priGBM
45055	CCT8L2	22	17072431	LGG GBM
45056	CCT8L2	22	17072693	melanoma
45057	CCT8L2	22	17073274	Classic
45058	CCT8L2	22	17073274	Gbm
45059	CCT8L2	22	17073274	IDHwt
45060	CCT8L2	22	17073274	IDHwt_priGBM
45061	CCT8L2	22	17073274	LGG GBM
45062	CCT8L2	22	17073284	Astr
45063	CCT8L2	22	17073284	GCIMP_high
45064	CCT8L2	22	17073284	IDHmut
45065	CCT8L2	22	17073284	IDHmut_noncodel

45066	CCT8L2	22	17073284	LGG GBM
45067	XKR3	22	17265146	melanoma
45068	XKR3	22	17280787	melanoma
45069	XKR3	22	17288788	melanoma
45070	XKR3	22	17288788	melanoma
45071	XKR3	22	17288936	melanoma
45072	GAB4	22	17447211	melanoma
45073	IL17RA	22	17589733	melanoma
45074	IL17RA	22	17589733	melanoma
45075	ADA2	22	17684551	melanoma
45076	ADA2	22	17684551	melanoma
45077	ADA2	22	17684592	GCIMP_high
45078	ADA2	22	17684592	IDHmut
45079	ADA2	22	17684592	IDHmut_noncodel
45080	ADA2	22	17684592	LGG GBM
45081	ADA2	22	17684592	Neural
45082	ADA2	22	17684592	OligoAstr
45083	CECR2	22	18022254	IDHwt_priGBM2
45084	ATP6V1E1	22	18075484	hnscc
45085	BCL2L13	22	18138530	melanoma
45086	BCL2L13	22	18138530	melanoma
45087	BCL2L13	22	18209552	melanoma
45088	BCL2L13	22	18209552	melanoma
45089	MICAL3	22	18300784	melanoma
45090	MICAL3	22	18376631	melanoma
45091	MICAL3	22	18389436	melanoma
45092	PEX26	22	18566318	melanoma
45093	PRODH	22	18905901	melanoma
45094	TSSK2	22	19119468	melanoma
45095	TSSK2	22	19119690	melanoma
45096	DGCR14	22	19130397	melanoma
45097	CLTCL1	22	19203720	melanoma
45098	CLTCL1	22	19207486	lung
45099	CLTCL1	22	19207486	lung
45100	CLTCL1	22	19220817	melanoma
45101	CLTCL1	22	19263172	melanoma
45102	CLTCL1	22	19263172	melanoma
45103	CLTCL1	22	19263172	melanoma
45104	CLTCL1	22	19263172	melanoma
45105	CLTCL1	22	19263173	melanoma
45106	CLTCL1	22	19263173	melanoma
45107	HIRA	22	19373192	melanoma
45108	HIRA	22	19376073	bladder
45109	HIRA	22	19393318	melanoma
45110	MRPL40	22	19423198	bladder
45111	MRPL40	22	19423213	melanoma
45112	MRPL40	22	19423456	melanoma
45113	5-Sep	22	19707350	melanoma
45114	TBX1	22	19751742	melanoma
45115	GNB1L	22	19808125	melanoma
45116	TXNRD2	22	19905695	melanoma
45117	ARVCF	22	19969035	melanoma
45118	DGCR8	22	20074187	melanoma
45119	DGCR8	22	20077222	melanoma
45120	DGCR8	22	20077222	melanoma
45121	RIMBP3	22	20458093	melanoma
45122	RIMBP3	22	20458094	melanoma
45123	RIMBP3	22	20458094	melanoma

45124	ZNF74	22	20759854	melanoma
45125	PI4KA	22	21082106	Astr
45126	PI4KA	22	21082106	Astr
45127	PI4KA	22	21082106	IDHwt
45128	PI4KA	22	21082106	IDHwt
45129	PI4KA	22	21082106	LGG GBM
45130	PI4KA	22	21082106	LGG GBM
45131	PI4KA	22	21082106	Neural
45132	PI4KA	22	21082106	Neural
45133	PI4KA	22	21082106	PA_like
45134	PI4KA	22	21082106	PA_like
45135	PI4KA	22	21083629	melanoma
45136	PI4KA	22	21083629	melanoma
45137	PI4KA	22	21084218	melanoma
45138	PI4KA	22	21115654	melanoma
45139	PI4KA	22	21119455	melanoma
45140	SERPIND1	22	21138263	melanoma
45141	SERPIND1	22	21138263	melanoma
45142	PI4KA	22	21157580	melanoma
45143	PI4KA	22	21157581	melanoma
45144	PI4KA	22	21167677	melanoma
45145	PI4KA	22	21167743	melanoma
45146	AIFM3	22	21330993	melanoma
45147	AIFM3	22	21332217	Gbm
45148	AIFM3	22	21332217	IDHwt
45149	AIFM3	22	21332217	IDHwt_priGBM
45150	AIFM3	22	21332217	LGG GBM
45151	AIFM3	22	21332217	Mesenchymal_like
45152	LZTR1	22	21344765	Classic_like
45153	LZTR1	22	21344765	Gbm
45154	LZTR1	22	21344765	IDHwt
45155	LZTR1	22	21344765	IDHwt_priGBM
45156	LZTR1	22	21344765	LGG GBM
45157	LZTR1	22	21344765	Mesenchymal
45158	LZTR1	22	21349003	Classic
45159	LZTR1	22	21349003	Classic_like
45160	LZTR1	22	21349003	Gbm
45161	LZTR1	22	21349003	IDHwt
45162	LZTR1	22	21349003	IDHwt_priGBM
45163	LZTR1	22	21349003	LGG GBM
45164	LZTR1	22	21351542	Gbm
45165	LZTR1	22	21351542	Gbm
45166	LZTR1	22	21351542	IDHwt
45167	LZTR1	22	21351542	IDHwt
45168	LZTR1	22	21351542	IDHwt_priGBM
45169	LZTR1	22	21351542	IDHwt_priGBM
45170	LZTR1	22	21351542	LGG GBM
45171	LZTR1	22	21351542	LGG GBM
45172	LZTR1	22	21351542	Proneural
45173	LZTR1	22	21351542	Proneural
45174	THAP7	22	21355044	melanoma
45175	SLC7A4	22	21383457	melanoma
45176	SLC7A4	22	21384271	melanoma
45177	GGT2	22	21563134	melanoma
45178	RIMBP3B;RIMBP3C	22	21742771	melanoma
45179	RIMBP3B;RIMBP3C	22	21742771	melanoma
45180	RIMBP3B;RIMBP3C	22	21742771	melanoma
45181	HIC2	22	21799472	melanoma

45182	HIC2	22	21800853	melanoma
45183	UBE2L3	22	21965168	bladder
45184	CCDC116	22	21989451	melanoma
45185	PPIL2	22	22025324	melanoma
45186	MAPK1	22	22142632	Gbm
45187	MAPK1	22	22142632	Gbm
45188	MAPK1	22	22142632	IDHwt
45189	MAPK1	22	22142632	IDHwt
45190	MAPK1	22	22142632	IDHwt_priGBM
45191	MAPK1	22	22142632	IDHwt_priGBM
45192	MAPK1	22	22142632	LGG GBM
45193	MAPK1	22	22142632	LGG GBM
45194	MAPK1	22	22142632	Mesenchymal
45195	MAPK1	22	22142632	Mesenchymal
45196	MAPK1	22	22142632	Mesenchymal_like
45197	MAPK1	22	22142632	Mesenchymal_like
45198	PPM1F	22	22287804	melanoma
45199	TOP3B	22	22328828	melanoma
45200	ZNF280A	22	22869695	GCIMP_high
45201	ZNF280A	22	22869695	IDHmut
45202	ZNF280A	22	22869695	IDHmut_noncodel
45203	ZNF280A	22	22869695	LGG GBM
45204	ZNF280A	22	22869695	Oligo
45205	ZNF280A	22	22869695	Proneural
45206	PRAME	22	22890833	melanoma
45207	PRAME	22	22890895	melanoma
45208	PRAME	22	22891015	Classic_like
45209	PRAME	22	22891015	Classic_like
45210	PRAME	22	22891015	Gbm
45211	PRAME	22	22891015	Gbm
45212	PRAME	22	22891015	IDHwt
45213	PRAME	22	22891015	IDHwt
45214	PRAME	22	22891015	IDHwt_priGBM
45215	PRAME	22	22891015	IDHwt_priGBM
45216	PRAME	22	22891015	LGG GBM
45217	PRAME	22	22891015	LGG GBM
45218	PRAME	22	22891015	Mesenchymal
45219	PRAME	22	22891015	Mesenchymal
45220	PRAME	22	22892341	melanoma
45221	PRAME	22	22892341	melanoma
45222	GGTLC2	22	22989309	melanoma
45223	IGLL5	22	23237729	melanoma
45224	RSPH14	22	23404005	Astr
45225	RSPH14	22	23404005	GCIMP_high
45226	RSPH14	22	23404005	IDHmut
45227	RSPH14	22	23404005	IDHmut_noncodel
45228	RSPH14	22	23404005	LGG GBM
45229	RSPH14	22	23404005	Proneural
45230	RSPH14	22	23404065	melanoma
45231	RSPH14	22	23404065	melanoma
45232	GNAZ	22	23438112	melanoma
45233	RAB36	22	23501146	melanoma
45234	BCR	22	23634755	melanoma
45235	RGL4	22	24038828	melanoma
45236	RGL4	22	24038828	melanoma
45237	ZNF70	22	24086261	melanoma
45238	VPREB3	22	24095200	melanoma
45239	C22orf15	22	24106506	melanoma

45240	MMP11	22	24124484	melanoma
45241	MMP11	22	24124484	melanoma
45242	SLC2A11	22	24224989	melanoma
45243	SLC2A11	22	24226888	melanoma
45244	CABIN1	22	24451404	melanoma
45245	CABIN1	22	24452820	melanoma
45246	CABIN1	22	24452820	melanoma
45247	CABIN1	22	24463110	melanoma
45248	CABIN1	22	24463110	melanoma
45249	CABIN1	22	24463110	melanoma
45250	CABIN1	22	24463110	melanoma
45251	CABIN1	22	24472193	melanoma
45252	CABIN1	22	24483563	melanoma
45253	CABIN1	22	24483563	melanoma
45254	SUSD2	22	24581777	melanoma
45255	SUSD2	22	24583389	melanoma
45256	SUSD2	22	24583389	melanoma
45257	SUSD2	22	24583574	melanoma
45258	GGT5	22	24622165	GCIMP_high
45259	GGT5	22	24622165	IDHmut
45260	GGT5	22	24622165	IDHmut_noncodel
45261	GGT5	22	24622165	LGG GBM
45262	GGT5	22	24622165	Neural
45263	GGT5	22	24622165	OligoAstr
45264	LRRC75B	22	24982140	melanoma
45265	LRRC75B	22	24982233	melanoma
45266	GGT1	22	25019131	melanoma
45267	GGT1	22	25019131	melanoma
45268	PIWIL3	22	25150135	melanoma
45269	PIWIL3	22	25150135	melanoma
45270	PIWIL3	22	25150829	Classic_like
45271	PIWIL3	22	25150829	Gbm
45272	PIWIL3	22	25150829	IDHwt
45273	PIWIL3	22	25150829	IDHwt_priGBM
45274	PIWIL3	22	25150829	LGG GBM
45275	PIWIL3	22	25150829	Mesenchymal
45276	PIWIL3	22	25152460	IDHwt_priGBM2
45277	PIWIL3	22	25152460	IDHwt_priGBM2
45278	PIWIL3	22	25155854	Classic
45279	PIWIL3	22	25155854	Gbm
45280	PIWIL3	22	25155854	IDHwt
45281	PIWIL3	22	25155854	IDHwt_priGBM
45282	PIWIL3	22	25155854	LGG GBM
45283	PIWIL3	22	25155854	Mesenchymal_like
45284	SGSM1	22	25251565	lung
45285	SGSM1	22	25294063	melanoma
45286	TMEM211	22	25334134	melanoma
45287	TMEM211	22	25334134	melanoma
45288	CRYBB2	22	25620943	lung
45289	GRK3	22	26083561	melanoma
45290	GRK3	22	26083561	melanoma
45291	GRK3	22	26083561	melanoma
45292	GRK3	22	26083561	melanoma
45293	GRK3	22	26118335	Astr
45294	GRK3	22	26118335	IDHwt
45295	GRK3	22	26118335	LGG GBM
45296	GRK3	22	26118335	Neural
45297	GRK3	22	26118335	PA_like

45298	MYO18B	22	26159232	Gbm
45299	MYO18B	22	26159232	IDHwt
45300	MYO18B	22	26159232	IDHwt_priGBM
45301	MYO18B	22	26159232	LGG GBM
45302	MYO18B	22	26159232	Mesenchymal_like
45303	MYO18B	22	26159232	Proneural
45304	MYO18B	22	26166128	melanoma
45305	MYO18B	22	26168454	melanoma
45306	MYO18B	22	26291213	Gbm
45307	MYO18B	22	26291213	GCIMP_low
45308	MYO18B	22	26291213	IDHmut
45309	MYO18B	22	26291213	IDHmut_noncodel
45310	MYO18B	22	26291213	LGG GBM
45311	MYO18B	22	26291213	Proneural
45312	MYO18B	22	26299688	melanoma
45313	MYO18B	22	26299688	melanoma
45314	MYO18B	22	26299718	melanoma
45315	MYO18B	22	26422476	melanoma
45316	MYO18B	22	26422476	melanoma
45317	SEZ6L	22	26688888	melanoma
45318	SEZ6L	22	26706707	melanoma
45319	SEZ6L	22	26709754	melanoma
45320	CRYBB1	22	27003867	melanoma
45321	CRYBA4	22	27021477	melanoma
45322	MN1	22	28193474	lung
45323	MN1	22	28194027	melanoma
45324	KREMEN1	22	29490381	melanoma
45325	KREMEN1	22	29533350	melanoma
45326	KREMEN1	22	29534809	melanoma
45327	AP1B1	22	29727796	melanoma
45328	AP1B1	22	29730291	melanoma
45329	RFPL1	22	29834853	lung
45330	RFPL1	22	29834902	melanoma
45331	RFPL1	22	29837549	melanoma
45332	RFPL1	22	29837549	melanoma
45333	RFPL1	22	29837623	melanoma
45334	THOC5	22	29907171	melanoma
45335	NIPSNAP1	22	29966409	melanoma
45336	NF2	22	30032752	melanoma
45337	HORMAD2	22	30518117	melanoma
45338	LIF	22	30640883	melanoma
45339	OSM	22	30659918	melanoma
45340	CASTOR1	22	30683246	melanoma
45341	SF3A1	22	30738308	melanoma
45342	SF3A1	22	30738308	melanoma
45343	SF3A1	22	30738308	melanoma
45344	SF3A1	22	30740963	melanoma
45345	SF3A1	22	30741091	melanoma
45346	SEC14L2	22	30811946	melanoma
45347	SEC14L2	22	30811946	melanoma
45348	MTFP1	22	30824588	melanoma
45349	SEC14L3	22	30858119	Classic
45350	SEC14L3	22	30858119	Classic_like
45351	SEC14L3	22	30858119	IDHwt
45352	SEC14L3	22	30858119	LGG GBM
45353	SEC14L3	22	30858119	OligoAstr
45354	SEC14L4	22	30890933	melanoma
45355	SEC14L6	22	30921061	bladder

45356	GAL3ST1	22	30951134	melanoma
45357	GAL3ST1	22	30951178	Classic
45358	GAL3ST1	22	30951178	Gbm
45359	GAL3ST1	22	30951178	IDHwt
45360	GAL3ST1	22	30951178	IDHwt_priGBM
45361	GAL3ST1	22	30951178	LGG GBM
45362	GAL3ST1	22	30951178	Mesenchymal_like
45363	GAL3ST1	22	30951694	melanoma
45364	GAL3ST1	22	30951830	lung
45365	GAL3ST1	22	30951830	lung
45366	GAL3ST1	22	30951830	lung
45367	GAL3ST1	22	30952040	melanoma
45368	DUSP18	22	31059485	melanoma
45369	SMTN	22	31486956	melanoma
45370	SMTN	22	31492853	Classic
45371	SMTN	22	31492853	Gbm
45372	SMTN	22	31492853	IDHwt
45373	SMTN	22	31492853	IDHwt_priGBM
45374	SMTN	22	31492853	LGG GBM
45375	SMTN	22	31492853	Mesenchymal_like
45376	INPP5J	22	31521812	melanoma
45377	INPP5J	22	31521812	melanoma
45378	INPP5J	22	31522916	Gbm
45379	INPP5J	22	31522916	IDHwt
45380	INPP5J	22	31522916	IDHwt_priGBM
45381	INPP5J	22	31522916	LGG GBM
45382	INPP5J	22	31522916	Mesenchymal
45383	INPP5J	22	31522916	Mesenchymal_like
45384	INPP5J	22	31523358	Classic
45385	INPP5J	22	31523358	Classic
45386	INPP5J	22	31523358	Classic_like
45387	INPP5J	22	31523358	Classic_like
45388	INPP5J	22	31523358	Gbm
45389	INPP5J	22	31523358	Gbm
45390	INPP5J	22	31523358	IDHwt
45391	INPP5J	22	31523358	IDHwt
45392	INPP5J	22	31523358	IDHwt_priGBM
45393	INPP5J	22	31523358	IDHwt_priGBM
45394	INPP5J	22	31523358	LGG GBM
45395	INPP5J	22	31523358	LGG GBM
45396	PLA2G3	22	31532913	melanoma
45397	PLA2G3	22	31533831	melanoma
45398	PLA2G3	22	31534350	Gbm
45399	PLA2G3	22	31534350	IDHwt
45400	PLA2G3	22	31534350	IDHwt_priGBM
45401	PLA2G3	22	31534350	LGG GBM
45402	PLA2G3	22	31534350	Mesenchymal_like
45403	PLA2G3	22	31534350	Neural
45404	PLA2G3	22	31534350	IDHwt_priGBM2
45405	LIMK2	22	31658601	lung
45406	LIMK2	22	31658687	melanoma
45407	LIMK2	22	31671228	melanoma
45408	LIMK2	22	31671228	melanoma
45409	LIMK2	22	31671228	melanoma
45410	PATZ1	22	31740738	GCIMP_high
45411	PATZ1	22	31740738	IDHmut
45412	PATZ1	22	31740738	IDHmut_noncodel
45413	PATZ1	22	31740738	LGG GBM

45414	PATZ1	22	31740738	OligoAstr
45415	PATZ1	22	31740738	Proneural
45416	EIF4ENIF1	22	31845381	lung
45417	SFI1	22	31957290	Classic
45418	SFI1	22	31957290	Classic_like
45419	SFI1	22	31957290	Gbm
45420	SFI1	22	31957290	IDHwt
45421	SFI1	22	31957290	IDHwt_priGBM
45422	SFI1	22	31957290	LGG GBM
45423	SFI1	22	31974395	melanoma
45424	PRR14L	22	32108177	bladder
45425	DEPDC5	22	32217514	melanoma
45426	C22orf24	22	32334001	Classic
45427	C22orf24	22	32334001	Classic_like
45428	C22orf24	22	32334001	Gbm
45429	C22orf24	22	32334001	IDHwt
45430	C22orf24	22	32334001	IDHwt_priGBM
45431	C22orf24	22	32334001	LGG GBM
45432	SLC5A1	22	32479121	melanoma
45433	SLC5A1	22	32480644	bladder
45434	RFPL2	22	32587332	melanoma
45435	RFPL2	22	32590337	bladder
45436	SLC5A4	22	32625311	melanoma
45437	SLC5A4	22	32625322	melanoma
45438	SLC5A4	22	32625323	melanoma
45439	SLC5A4	22	32625323	melanoma
45440	SLC5A4	22	32625323	melanoma
45441	SLC5A4	22	32625323	melanoma
45442	SLC5A4	22	32625323	melanoma
45443	SLC5A4	22	32625323	melanoma
45444	SLC5A4	22	32630900	melanoma
45445	SLC5A4	22	32651246	melanoma
45446	RFPL3	22	32756499	melanoma
45447	BPIFC	22	32838697	melanoma
45448	BPIFC	22	32838697	melanoma
45449	BPIFC	22	32841967	melanoma
45450	FBXO7	22	32887145	melanoma
45451	FBXO7	22	32887145	melanoma
45452	FBXO7	22	32894165	melanoma
45453	FBXO7	22	32894465	melanoma
45454	TIMP3	22	33245484	melanoma
45455	TIMP3	22	33254052	melanoma
45456	TIMP3	22	33255261	Classic_like
45457	TIMP3	22	33255261	Gbm
45458	TIMP3	22	33255261	IDHwt
45459	TIMP3	22	33255261	IDHwt_priGBM
45460	TIMP3	22	33255261	LGG GBM
45461	TIMP3	22	33255261	Mesenchymal
45462	LARGE1	22	34157420	melanoma
45463	ISX	22	35463175	melanoma
45464	ISX	22	35481539	melanoma
45465	ISX	22	35481540	melanoma
45466	HMGXB4	22	35684234	melanoma
45467	HMGXB4	22	35684234	melanoma
45468	MCM5	22	35804528	lung
45469	MCM5	22	35812710	lung
45470	APOL6	22	36054940	bladder
45471	APOL5	22	36116635	melanoma

45472	APOL5	22	36122546	bladder
45473	RBFOX2	22	36157258	melanoma
45474	APOL3	22	36537729	bladder
45475	MYH9	22	36702639	lung
45476	MYH9	22	36714329	Classic
45477	MYH9	22	36714329	Gbm
45478	MYH9	22	36714329	IDHwt
45479	MYH9	22	36714329	IDHwt_priGBM
45480	MYH9	22	36714329	LGG GBM
45481	MYH9	22	36714329	Mesenchymal_like
45482	TXN2	22	36876721	Gbm
45483	TXN2	22	36876721	IDHwt
45484	TXN2	22	36876721	IDHwt_priGBM
45485	TXN2	22	36876721	LGG GBM
45486	TXN2	22	36876721	Mesenchymal_like
45487	CACNG2	22	36960544	melanoma
45488	CACNG2	22	37098446	melanoma
45489	CACNG2	22	37098446	melanoma
45490	NCF4	22	37260995	melanoma
45491	NCF4	22	37271758	melanoma
45492	CSF2RB	22	37326752	Gbm
45493	CSF2RB	22	37326752	Gbm
45494	CSF2RB	22	37326752	IDHwt
45495	CSF2RB	22	37326752	IDHwt
45496	CSF2RB	22	37326752	IDHwt_priGBM
45497	CSF2RB	22	37326752	IDHwt_priGBM
45498	CSF2RB	22	37326752	LGG GBM
45499	CSF2RB	22	37326752	LGG GBM
45500	CSF2RB	22	37326752	Mesenchymal
45501	CSF2RB	22	37326752	Mesenchymal
45502	CSF2RB	22	37334045	melanoma
45503	CSF2RB	22	37334045	melanoma
45504	TMPRSS6	22	37480780	melanoma
45505	TMPRSS6	22	37480780	melanoma
45506	TMPRSS6	22	37491997	Classic
45507	TMPRSS6	22	37491997	Classic_like
45508	TMPRSS6	22	37491997	Gbm
45509	TMPRSS6	22	37491997	IDHwt
45510	TMPRSS6	22	37491997	IDHwt_priGBM
45511	TMPRSS6	22	37491997	LGG GBM
45512	IL2RB	22	37531461	melanoma
45513	IL2RB	22	37531461	melanoma
45514	SSTR3	22	37603328	melanoma
45515	SSTR3	22	37603328	melanoma
45516	SSTR3	22	37603328	melanoma
45517	RAC2	22	37637649	melanoma
45518	CYTH4	22	37695334	melanoma
45519	CYTH4	22	37697006	melanoma
45520	CYTH4	22	37699352	melanoma
45521	CYTH4	22	37707507	Gbm
45522	CYTH4	22	37707507	GCIMP_low
45523	CYTH4	22	37707507	IDHmut
45524	CYTH4	22	37707507	IDHmut_noncodel
45525	CYTH4	22	37707507	LGG GBM
45526	ELFN2	22	37769260	Gbm
45527	ELFN2	22	37769260	IDHwt
45528	ELFN2	22	37769260	IDHwt_priGBM
45529	ELFN2	22	37769260	LGG GBM

45530	ELFN2	22	37769260	Mesenchymal
45531	ELFN2	22	37770143	lung
45532	MFNG	22	37870657	melanoma
45533	CARD10	22	37906263	Classic_like
45534	CARD10	22	37906263	Classic_like
45535	CARD10	22	37906263	Classic_like
45536	CARD10	22	37906263	Classic_like
45537	CARD10	22	37906263	Gbm
45538	CARD10	22	37906263	Gbm
45539	CARD10	22	37906263	Gbm
45540	CARD10	22	37906263	Gbm
45541	CARD10	22	37906263	IDHwt
45542	CARD10	22	37906263	IDHwt
45543	CARD10	22	37906263	IDHwt
45544	CARD10	22	37906263	IDHwt
45545	CARD10	22	37906263	IDHwt_priGBM
45546	CARD10	22	37906263	IDHwt_priGBM
45547	CARD10	22	37906263	IDHwt_priGBM
45548	CARD10	22	37906263	IDHwt_priGBM
45549	CARD10	22	37906263	LGG GBM
45550	CARD10	22	37906263	LGG GBM
45551	CARD10	22	37906263	LGG GBM
45552	CARD10	22	37906263	LGG GBM
45553	CDC42EP1	22	37964577	melanoma
45554	LGALS2	22	37966292	melanoma
45555	LGALS2	22	37966636	melanoma
45556	LGALS2	22	37967869	bladder
45557	GGA1	22	38016865	melanoma
45558	GGA1	22	38016865	melanoma
45559	GGA1	22	38016865	melanoma
45560	SH3BP1	22	38046668	bladder
45561	LGALS1	22	38075664	GCIMP_low
45562	LGALS1	22	38075664	IDHmut
45563	LGALS1	22	38075664	IDHmut_noncodel
45564	LGALS1	22	38075664	LGG GBM
45565	TRIOBP	22	38120807	lung
45566	TRIOBP	22	38121544	melanoma
45567	TRIOBP	22	38121678	melanoma
45568	TRIOBP	22	38121775	melanoma
45569	TRIOBP	22	38121877	melanoma
45570	TRIOBP	22	38121877	melanoma
45571	TRIOBP	22	38122117	melanoma
45572	TRIOBP	22	38122117	melanoma
45573	TRIOBP	22	38131394	bladder
45574	TRIOBP	22	38167698	lung
45575	TRIOBP	22	38167698	lung
45576	MICALL1	22	38323471	Astr
45577	MICALL1	22	38323471	GCIMP_high
45578	MICALL1	22	38323471	IDHmut
45579	MICALL1	22	38323471	IDHmut_noncodel
45580	MICALL1	22	38323471	LGG GBM
45581	MICALL1	22	38323471	Proneural
45582	POLR2F	22	38355384	melanoma
45583	POLR2F	22	38355423	melanoma
45584	SOX10	22	38379382	melanoma
45585	SOX10	22	38379382	melanoma
45586	BAIAP2L2	22	38482326	melanoma
45587	BAIAP2L2	22	38482326	melanoma

45588	BAIAP2L2	22	38483258	melanoma
45589	BAIAP2L2	22	38483258	melanoma
45590	PLA2G6	22	38512148	melanoma
45591	KDELR3	22	38877428	hnscc
45592	DDX17	22	38883964	Classic
45593	DDX17	22	38883964	Gbm
45594	DDX17	22	38883964	IDHwt
45595	DDX17	22	38883964	IDHwt_priGBM
45596	DDX17	22	38883964	LGG GBM
45597	DDX17	22	38883964	Mesenchymal_like
45598	JOSD1	22	39085344	melanoma
45599	SUN2	22	39146298	bladder
45600	SUN2	22	39146298	bladder
45601	NPTXR	22	39224507	melanoma
45602	APOBEC3A;APOBEC3	22	39357617	melanoma
45603	APOBEC3B	22	39382073	Gbm
45604	APOBEC3B	22	39382073	GCIMP_high
45605	APOBEC3B	22	39382073	IDHmut
45606	APOBEC3B	22	39382073	IDHmut_noncodel
45607	APOBEC3B	22	39382073	LGG GBM
45608	APOBEC3B	22	39382073	Proneural
45609	APOBEC3B	22	39385577	lung
45610	APOBEC3B	22	39385577	lung
45611	APOBEC3G	22	39479797	Gbm
45612	APOBEC3G	22	39479797	GCIMP_high
45613	APOBEC3G	22	39479797	IDHmut
45614	APOBEC3G	22	39479797	IDHmut_noncodel
45615	APOBEC3G	22	39479797	LGG GBM
45616	APOBEC3H	22	39497965	Classic_like
45617	APOBEC3H	22	39497965	Gbm
45618	APOBEC3H	22	39497965	IDHwt
45619	APOBEC3H	22	39497965	IDHwt_priGBM
45620	APOBEC3H	22	39497965	LGG GBM
45621	APOBEC3H	22	39497965	Mesenchymal
45622	APOBEC3H	22	39497965	Astr
45623	APOBEC3H	22	39497965	Astr
45624	APOBEC3H	22	39497965	GCIMP_high
45625	APOBEC3H	22	39497965	GCIMP_high
45626	APOBEC3H	22	39497965	IDHmut
45627	APOBEC3H	22	39497965	IDHmut
45628	APOBEC3H	22	39497965	IDHmut_noncodel
45629	APOBEC3H	22	39497965	IDHmut_noncodel
45630	APOBEC3H	22	39497965	LGG GBM
45631	APOBEC3H	22	39497965	LGG GBM
45632	APOBEC3H	22	39497965	Mesenchymal
45633	APOBEC3H	22	39497965	Mesenchymal
45634	MGAT3	22	39884040	melanoma
45635	MGAT3	22	39884655	Astr
45636	MGAT3	22	39884655	GCIMP_high
45637	MGAT3	22	39884655	IDHmut
45638	MGAT3	22	39884655	IDHmut_noncodel
45639	MGAT3	22	39884655	LGG GBM
45640	MGAT3	22	39884655	Proneural
45641	ATF4	22	39917871	melanoma
45642	ATF4	22	39917871	melanoma
45643	ATF4	22	39918164	melanoma
45644	RPS19BP1	22	39925842	bladder
45645	CACNA1I	22	39966921	Gbm

45646	CACNA1I	22	39966921	IDHwt
45647	CACNA1I	22	39966921	IDHwt_priGBM
45648	CACNA1I	22	39966921	LGG GBM
45649	CACNA1I	22	39966921	Mesenchymal
45650	CACNA1I	22	39996589	melanoma
45651	CACNA1I	22	40037026	melanoma
45652	CACNA1I	22	40043868	Astr
45653	CACNA1I	22	40043868	IDHwt
45654	CACNA1I	22	40043868	LGG GBM
45655	CACNA1I	22	40043868	Neural
45656	CACNA1I	22	40043868	PA_like
45657	CACNA1I	22	40045925	melanoma
45658	CACNA1I	22	40060885	melanoma
45659	CACNA1I	22	40078621	melanoma
45660	CACNA1I	22	40078621	melanoma
45661	ENTHD1	22	40140261	melanoma
45662	FAM83F	22	40417655	melanoma
45663	ADSL	22	40755297	melanoma
45664	MCHR1	22	41077138	melanoma
45665	MCHR1	22	41077397	melanoma
45666	MCHR1	22	41077397	melanoma
45667	MCHR1	22	41077591	melanoma
45668	MCHR1	22	41077591	melanoma
45669	MCHR1	22	41077591	melanoma
45670	MCHR1	22	41077591	melanoma
45671	MCHR1	22	41077603	melanoma
45672	MCHR1	22	41077603	melanoma
45673	DNAJB7	22	41257785	melanoma
45674	XPNPEP3	22	41277786	melanoma
45675	XPNPEP3	22	41277786	melanoma
45676	EP300	22	41513217	melanoma
45677	EP300	22	41531880	melanoma
45678	EP300	22	41545969	melanoma
45679	EP300	22	41572260	melanoma
45680	L3MBTL2	22	41622679	hnsc
45681	L3MBTL2	22	41625556	melanoma
45682	ZC3H7B	22	41723244	GCIMP_high
45683	ZC3H7B	22	41723244	IDHmut
45684	ZC3H7B	22	41723244	IDHmut_noncodel
45685	ZC3H7B	22	41723244	LGG GBM
45686	ZC3H7B	22	41723244	Neural
45687	ZC3H7B	22	41723244	Oligo
45688	ZC3H7B	22	41735151	melanoma
45689	ZC3H7B	22	41739503	melanoma
45690	SNU13	22	42071190	melanoma
45691	MEI1	22	42114206	GCIMP_low
45692	MEI1	22	42114206	IDHmut
45693	MEI1	22	42114206	IDHmut_noncodel
45694	MEI1	22	42114206	LGG GBM
45695	MEI1	22	42114206	OligoAstr
45696	MEI1	22	42114206	Proneural
45697	MEI1	22	42166858	Astr
45698	MEI1	22	42166858	Classic
45699	MEI1	22	42166858	Classic_like
45700	MEI1	22	42166858	IDHwt
45701	MEI1	22	42166858	LGG GBM
45702	MEI1	22	42191782	melanoma
45703	MEI1	22	42191782	melanoma

45704	SREBF2	22	42271709	melanoma
45705	SREBF2	22	42294746	melanoma
45706	CENPM	22	42342485	melanoma
45707	NAGA	22	42458862	melanoma
45708	NAGA	22	42463204	melanoma
45709	NAGA	22	42464510	melanoma
45710	FAM109B	22	42473395	melanoma
45711	FAM109B	22	42473395	melanoma
45712	FAM109B	22	42473952	melanoma
45713	FAM109B	22	42473952	melanoma
45714	SMDT1	22	42475945	melanoma
45715	CYP2D6	22	42525136	melanoma
45716	TCF20	22	42608544	melanoma
45717	TCF20	22	42608827	melanoma
45718	TCF20	22	42609168	melanoma
45719	SERHL2	22	42967157	melanoma
45720	A4GALT	22	43089312	melanoma
45721	ARFGAP3	22	43213832	melanoma
45722	ARFGAP3	22	43237020	melanoma
45723	TSPO	22	43557164	melanoma
45724	TTLL12	22	43570225	Gbm
45725	TTLL12	22	43570225	IDHwt
45726	TTLL12	22	43570225	IDHwt_priGBM
45727	TTLL12	22	43570225	LGG GBM
45728	TTLL12	22	43570225	Mesenchymal
45729	SCUBE1	22	43603565	bladder
45730	SCUBE1	22	43614303	melanoma
45731	SCUBE1	22	43614303	melanoma
45732	SCUBE1	22	43617215	melanoma
45733	MPPED1	22	43821049	melanoma
45734	MPPED1	22	43870673	GCIMP_high
45735	MPPED1	22	43870673	IDHmut
45736	MPPED1	22	43870673	IDHmut_noncode1
45737	MPPED1	22	43870673	LGG GBM
45738	MPPED1	22	43870673	Oligo
45739	MPPED1	22	43870673	Proneural
45740	MPPED1	22	43870690	Classic_like
45741	MPPED1	22	43870690	IDHwt
45742	MPPED1	22	43870690	LGG GBM
45743	MPPED1	22	43870690	OligoAstr
45744	MPPED1	22	43870690	Proneural
45745	EFCAB6	22	43926786	melanoma
45746	EFCAB6	22	43926786	melanoma
45747	EFCAB6	22	43933388	Gbm
45748	EFCAB6	22	43933388	IDHwt
45749	EFCAB6	22	43933388	IDHwt_priGBM
45750	EFCAB6	22	43933388	LGG GBM
45751	EFCAB6	22	43933388	Mesenchymal
45752	EFCAB6	22	43933388	Mesenchymal_like
45753	EFCAB6	22	43972179	melanoma
45754	EFCAB6	22	44168953	melanoma
45755	EFCAB6	22	44168953	melanoma
45756	SULT4A1	22	44234846	melanoma
45757	SULT4A1	22	44234846	melanoma
45758	PNPLA5	22	44277535	lung
45759	PNPLA3	22	44340623	melanoma
45760	PNPLA3	22	44342225	melanoma
45761	SAMM50	22	44368865	melanoma

45762	SAMM50	22	44368865	melanoma
45763	PARVB	22	44528813	hnscc
45764	PARVB	22	44528813	hnscc
45765	PRR5	22	45132730	GCIMP_high
45766	PRR5	22	45132730	GCIMP_high
45767	PRR5	22	45132730	IDHmut
45768	PRR5	22	45132730	IDHmut
45769	PRR5	22	45132730	IDHmut_noncodel
45770	PRR5	22	45132730	IDHmut_noncodel
45771	PRR5	22	45132730	LGG GBM
45772	PRR5	22	45132730	LGG GBM
45773	PRR5	22	45132730	Neural
45774	PRR5	22	45132730	Neural
45775	PRR5	22	45132730	Oligo
45776	PRR5	22	45132730	Oligo
45777	GAP8;PRR5-ARH(22	45218303	melanoma
45778	GAP8;PRR5-ARH(22	45258441	melanoma
45779	GAP8;PRR5-ARH(22	45258447	melanoma
45780	PHF21B	22	45309869	melanoma
45781	KIAA0930	22	45593793	melanoma
45782	SMC1B	22	45782862	melanoma
45783	WNT7B	22	46319005	melanoma
45784	PPARA	22	46594404	Classic
45785	PPARA	22	46594404	Classic_like
45786	PPARA	22	46594404	Gbm
45787	PPARA	22	46594404	IDHwt
45788	PPARA	22	46594404	IDHwt_priGBM
45789	PPARA	22	46594404	LGG GBM
45790	PKDREJ	22	46654218	melanoma
45791	PKDREJ	22	46654395	melanoma
45792	PKDREJ	22	46655453	melanoma
45793	TTC38	22	46688740	lung
45794	GTSE1	22	46722530	melanoma
45795	CELSR1	22	46786311	melanoma
45796	CELSR1	22	46794504	melanoma
45797	CELSR1	22	46794504	melanoma
45798	CELSR1	22	46795744	melanoma
45799	CELSR1	22	46835092	melanoma
45800	CELSR1	22	46835126	melanoma
45801	CELSR1	22	46929726	GCIMP_high
45802	CELSR1	22	46929726	IDHmut
45803	CELSR1	22	46929726	IDHmut_noncodel
45804	CELSR1	22	46929726	LGG GBM
45805	CELSR1	22	46929726	Oligo
45806	CELSR1	22	46929726	Proneural
45807	GRAMD4	22	47059938	lung
45808	GRAMD4	22	47062766	melanoma
45809	GRAMD4	22	47070605	melanoma
45810	CERK	22	47095312	melanoma
45811	TBC1D22A	22	47432996	melanoma
45812	ZBED4	22	50279084	melanoma
45813	ZBED4	22	50280779	melanoma
45814	CRELD2	22	50316269	melanoma
45815	TTLL8	22	50470279	melanoma
45816	TTLL8	22	50470279	melanoma
45817	MLC1	22	50515853	melanoma
45818	MLC1	22	50523198	melanoma
45819	MOV10L1	22	50591507	melanoma

45820	MOV10L1	22	50596540	Gbm
45821	MOV10L1	22	50596540	IDHwt
45822	MOV10L1	22	50596540	IDHwt_priGBM
45823	MOV10L1	22	50596540	LGG GBM
45824	MOV10L1	22	50596540	LGm6_GBM
45825	MOV10L1	22	50596540	Mesenchymal
45826	MOV10L1	22	50596603	melanoma
45827	MOV10L1	22	50596603	melanoma
45828	MOV10L1	22	50599232	melanoma
45829	PANX2	22	50615986	melanoma
45830	PANX2	22	50615986	melanoma
45831	TUBGCP6	22	50657589	Gbm
45832	TUBGCP6	22	50657589	IDHwt
45833	TUBGCP6	22	50657589	IDHwt_priGBM
45834	TUBGCP6	22	50657589	LGG GBM
45835	TUBGCP6	22	50657589	Mesenchymal_like
45836	TUBGCP6	22	50657589	Proneural
45837	TUBGCP6	22	50682825	lung
45838	PLXNB2	22	50720620	melanoma
45839	PLXNB2	22	50722037	melanoma
45840	PLXNB2	22	50722037	melanoma
45841	PLXNB2	22	50722037	melanoma
45842	PLXNB2	22	50722043	melanoma
45843	PLXNB2	22	50722043	melanoma
45844	PLXNB2	22	50728458	lung
45845	DENND6B	22	50765318	lung
45846	PPP6R2	22	50860715	bladder
45847	PPP6R2	22	50878175	melanoma
45848	PPP6R2	22	50882450	hnscc
45849	SBF1	22	50886701	melanoma
45850	SBF1	22	50899689	melanoma
45851	SBF1	22	50899704	melanoma
45852	SBF1	22	50900706	GCIMP_high
45853	SBF1	22	50900706	IDHmut
45854	SBF1	22	50900706	IDHmut_noncodel
45855	SBF1	22	50900706	LGG GBM
45856	SBF1	22	50900706	OligoAstr
45857	MIOX	22	50926098	melanoma
45858	MIOX	22	50927568	melanoma
45859	LMF2	22	50943403	melanoma
45860	LMF2	22	50943889	Astr
45861	LMF2	22	50943889	IDHwt
45862	LMF2	22	50943889	LGG GBM
45863	LMF2	22	50943889	Mesenchymal
45864	LMF2	22	50943889	PA_like
45865	LMF2	22	50944111	GCIMP_high
45866	LMF2	22	50944111	IDHmut
45867	LMF2	22	50944111	IDHmut_noncodel
45868	LMF2	22	50944111	LGG GBM
45869	LMF2	22	50944111	Oligo
45870	LMF2	22	50944111	Proneural
45871	LMF2	22	50945092	melanoma
45872	NCAPH2	22	50957116	Gbm
45873	NCAPH2	22	50957116	IDHwt
45874	NCAPH2	22	50957116	IDHwt_priGBM
45875	NCAPH2	22	50957116	LGG GBM
45876	NCAPH2	22	50957116	LGm6_GBM
45877	NCAPH2	22	50957116	Mesenchymal

45878	KLHDC7B	22	50987623	melanoma
45879	CPT1B	22	51010484	melanoma
45880	CPT1B	22	51011469	melanoma
45881	CPT1B	22	51012779	melanoma
45882	MAPK8IP2	22	51044141	Astr
45883	MAPK8IP2	22	51044141	GCIMP_high
45884	MAPK8IP2	22	51044141	IDHmut
45885	MAPK8IP2	22	51044141	IDHmut_noncodel
45886	MAPK8IP2	22	51044141	LGG GBM
45887	MAPK8IP2	22	51044141	Proneural
45888	SHANK3	22	51115075	melanoma
45889	SHANK3	22	51115075	melanoma
45890	SHANK3	22	51133214	melanoma
45891	SHANK3	22	51159242	bladder
45892	SHANK3	22	51159242	bladder
45893	RNR2;NONE	M	6762	Astr
45894	RNR2;NONE	M	6762	GCIMP_high
45895	RNR2;NONE	M	6762	IDHmut
45896	RNR2;NONE	M	6762	IDHmut_noncodel
45897	RNR2;NONE	M	6762	LGG GBM
45898	RNR2;NONE	M	6762	Proneural
45899	GTPBP6	X	224055	Classic_like
45900	GTPBP6	X	224055	Gbm
45901	GTPBP6	X	224055	IDHwt
45902	GTPBP6	X	224055	IDHwt_priGBM
45903	GTPBP6	X	224055	LGG GBM
45904	CRLF2	X	1321372	melanoma
45905	CRLF2	X	1321390	Astr
45906	CRLF2	X	1321390	GCIMP_low
45907	CRLF2	X	1321390	IDHmut
45908	CRLF2	X	1321390	IDHmut_noncodel
45909	CRLF2	X	1321390	LGG GBM
45910	CRLF2	X	1321390	Proneural
45911	CSF2RA	X	1409322	Codel
45912	CSF2RA	X	1409322	IDHmut
45913	CSF2RA	X	1409322	IDHmut_codel
45914	CSF2RA	X	1409322	LGG GBM
45915	CSF2RA	X	1409322	Oligo
45916	CSF2RA	X	1409322	Proneural
45917	CSF2RA	X	1413266	Gbm
45918	CSF2RA	X	1413266	GCIMP_high
45919	CSF2RA	X	1413266	IDHmut
45920	CSF2RA	X	1413266	IDHmut_noncodel
45921	CSF2RA	X	1413266	LGG GBM
45922	CSF2RA	X	1413343	hnsc
45923	IL3RA	X	1475158	melanoma
45924	ASMTL	X	1561122	melanoma
45925	AKAP17A	X	1712530	melanoma
45926	AKAP17A	X	1712530	melanoma
45927	ASMT	X	1746630	Gbm
45928	ASMT	X	1746630	IDHwt
45929	ASMT	X	1746630	IDHwt_priGBM
45930	ASMT	X	1746630	LGG GBM
45931	ASMT	X	1746630	Mesenchymal
45932	ASMT	X	1746630	Mesenchymal_like
45933	ASMT	X	1755439	melanoma
45934	ZBED1	X	2408228	melanoma
45935	ZBED1	X	2408229	lung

45936	ARSD	X	2825440	melanoma
45937	ARSD	X	2836028	Astr
45938	ARSD	X	2836028	Classic
45939	ARSD	X	2836028	Classic_like
45940	ARSD	X	2836028	IDHwt
45941	ARSD	X	2836028	LGG GBM
45942	ARSE	X	2871238	melanoma
45943	ARSE	X	2871238	melanoma
45944	ARSH	X	2951217	melanoma
45945	ARSF	X	2994636	Gbm
45946	ARSF	X	2994636	IDHwt
45947	ARSF	X	2994636	IDHwt_priGBM
45948	ARSF	X	2994636	LGG GBM
45949	ARSF	X	2994636	Mesenchymal
45950	ARSF	X	2994636	Mesenchymal_like
45951	ARSF	X	2999033	Gbm
45952	ARSF	X	2999033	Gbm
45953	ARSF	X	2999033	IDHwt
45954	ARSF	X	2999033	IDHwt
45955	ARSF	X	2999033	IDHwt_priGBM
45956	ARSF	X	2999033	IDHwt_priGBM
45957	ARSF	X	2999033	LGG GBM
45958	ARSF	X	2999033	LGG GBM
45959	ARSF	X	2999033	Mesenchymal_like
45960	ARSF	X	2999033	Mesenchymal_like
45961	MXRA5	X	3228178	melanoma
45962	MXRA5	X	3228178	melanoma
45963	MXRA5	X	3228178	melanoma
45964	MXRA5	X	3229301	melanoma
45965	MXRA5	X	3229438	melanoma
45966	MXRA5	X	3235706	melanoma
45967	MXRA5	X	3235774	melanoma
45968	MXRA5	X	3235774	melanoma
45969	MXRA5	X	3238376	melanoma
45970	MXRA5	X	3238376	melanoma
45971	MXRA5	X	3241681	Codel
45972	MXRA5	X	3241681	IDHmut
45973	MXRA5	X	3241681	IDHmut_codel
45974	MXRA5	X	3241681	LGG GBM
45975	MXRA5	X	3241681	Mesenchymal
45976	MXRA5	X	3241681	Oligo
45977	MXRA5	X	3248774	melanoma
45978	MXRA5	X	3248774	melanoma
45979	NLGN4X	X	5810947	melanoma
45980	NLGN4X	X	5810947	melanoma
45981	NLGN4X	X	5821239	melanoma
45982	NLGN4X	X	5821328	melanoma
45983	NLGN4X	X	5821665	melanoma
45984	NLGN4X	X	6069221	melanoma
45985	PUDP	X	6968386	melanoma
45986	STS	X	7171281	melanoma
45987	STS	X	7175393	melanoma
45988	PNPLA4	X	7868778	melanoma
45989	VCX2	X	8138089	melanoma
45990	ANOS1	X	8555923	Astr
45991	ANOS1	X	8555923	GCIMP_high
45992	ANOS1	X	8555923	IDHmut
45993	ANOS1	X	8555923	IDHmut_noncodel

45994	ANOS1	X	8555923	LGG GBM
45995	ANOS1	X	8555923	Proneural
45996	TBL1X	X	9622314	melanoma
45997	TBL1X	X	9622314	melanoma
45998	SHROOM2	X	9841741	lung
45999	SHROOM2	X	9912801	melanoma
46000	WWC3	X	10058852	melanoma
46001	WWC3	X	10058852	melanoma
46002	WWC3	X	10058926	Classic_like
46003	WWC3	X	10058926	IDHwt
46004	WWC3	X	10058926	LGG GBM
46005	WWC3	X	10085416	GCIMP_high
46006	WWC3	X	10085416	IDHmut
46007	WWC3	X	10085416	IDHmut_noncodel
46008	WWC3	X	10085416	LGG GBM
46009	WWC3	X	10085416	Oligo
46010	WWC3	X	10085416	Proneural
46011	WWC3	X	10106879	Astr
46012	WWC3	X	10106879	GCIMP_high
46013	WWC3	X	10106879	IDHmut
46014	WWC3	X	10106879	IDHmut_noncodel
46015	WWC3	X	10106879	LGG GBM
46016	WWC3	X	10107558	lung
46017	CLCN4	X	10162963	lung
46018	CLCN4	X	10176291	lung
46019	CLCN4	X	10181805	GCIMP_high
46020	CLCN4	X	10181805	IDHmut
46021	CLCN4	X	10181805	IDHmut_noncodel
46022	CLCN4	X	10181805	LGG GBM
46023	MID1	X	10534972	Astr
46024	MID1	X	10534972	Classic
46025	MID1	X	10534972	Classic_like
46026	MID1	X	10534972	IDHwt
46027	MID1	X	10534972	LGG GBM
46028	MID1	X	10535253	melanoma
46029	MID1	X	10535253	melanoma
46030	MID1	X	10535448	melanoma
46031	HCCS	X	11139866	GCIMP_high
46032	HCCS	X	11139866	IDHmut
46033	HCCS	X	11139866	IDHmut_noncodel
46034	HCCS	X	11139866	LGG GBM
46035	HCCS	X	11139866	OligoAstr
46036	AMELX	X	11316830	lung
46037	ARHGAP6	X	11682473	Gbm
46038	ARHGAP6	X	11682473	IDHwt
46039	ARHGAP6	X	11682473	IDHwt_priGBM
46040	ARHGAP6	X	11682473	LGG GBM
46041	ARHGAP6	X	11682473	Mesenchymal_like
46042	FRMPD4	X	12725750	melanoma
46043	FRMPD4	X	12735199	melanoma
46044	FRMPD4	X	12735884	Classic_like
46045	FRMPD4	X	12735884	Classic_like
46046	FRMPD4	X	12735884	Gbm
46047	FRMPD4	X	12735884	Gbm
46048	FRMPD4	X	12735884	IDHwt
46049	FRMPD4	X	12735884	IDHwt
46050	FRMPD4	X	12735884	IDHwt_priGBM
46051	FRMPD4	X	12735884	IDHwt_priGBM

46052	FRMPD4	X	12735884	LGG GBM
46053	FRMPD4	X	12735884	LGG GBM
46054	FRMPD4	X	12735884	Mesenchymal
46055	FRMPD4	X	12735884	Mesenchymal
46056	FRMPD4	X	12736052	melanoma
46057	TLR7	X	12906160	melanoma
46058	TLR8	X	12939345	lung
46059	TLR8	X	12939345	lung
46060	TLR8	X	12939660	melanoma
46061	FAM9C	X	13058899	lung
46062	FAM9C	X	13058899	lung
46063	ATXN3L	X	13337806	melanoma
46064	EGFL6	X	13636028	melanoma
46065	EGFL6	X	13645216	melanoma
46066	EGFL6	X	13645216	melanoma
46067	EGFL6	X	13645216	melanoma
46068	EGFL6	X	13645216	melanoma
46069	OFD1	X	13753380	melanoma
46070	OFD1	X	13754682	melanoma
46071	OFD1	X	13774805	lung
46072	OFD1	X	13774805	lung
46073	GPM6B	X	13825879	bladder
46074	GEMIN8	X	14038613	melanoma
46075	GLRA2	X	14627180	Codel
46076	GLRA2	X	14627180	IDHmut
46077	GLRA2	X	14627180	IDHmut_codel
46078	GLRA2	X	14627180	LGG GBM
46079	GLRA2	X	14627180	Oligo
46080	GLRA2	X	14627180	Proneural
46081	FANCB	X	14863149	GCIMP_high
46082	FANCB	X	14863149	IDHmut
46083	FANCB	X	14863149	IDHmut_noncodel
46084	FANCB	X	14863149	LGG GBM
46085	FANCB	X	14863149	Oligo
46086	FANCB	X	14863149	Proneural
46087	FANCB	X	14871241	melanoma
46088	FANCB	X	14871247	melanoma
46089	FANCB	X	14871247	melanoma
46090	MOSPD2	X	14927087	melanoma
46091	ASB9	X	15272921	melanoma
46092	PIGA	X	15349343	melanoma
46093	PIGA	X	15349343	melanoma
46094	PIGA	X	15349343	melanoma
46095	CA5B	X	15800641	IDHwt_priGBM2
46096	ZRSR2	X	15836720	melanoma
46097	NHS	X	17742491	melanoma
46098	NHS	X	17745612	Classic
46099	NHS	X	17745612	Classic
46100	NHS	X	17745612	Gbm
46101	NHS	X	17745612	Gbm
46102	NHS	X	17745612	IDHwt
46103	NHS	X	17745612	IDHwt
46104	NHS	X	17745612	IDHwt_priGBM
46105	NHS	X	17745612	IDHwt_priGBM
46106	NHS	X	17745612	LGG GBM
46107	NHS	X	17745612	LGG GBM
46108	NHS	X	17745612	Mesenchymal_like
46109	NHS	X	17745612	Mesenchymal_like

46110	NHS	X	17749980	melanoma
46111	NHS	X	17749980	melanoma
46112	NHS	X	17750037	melanoma
46113	NHS	X	17750478	Astr
46114	NHS	X	17750478	GCIMP_high
46115	NHS	X	17750478	IDHmut
46116	NHS	X	17750478	IDHmut_noncodel
46117	NHS	X	17750478	LGG GBM
46118	NHS	X	17750478	Neural
46119	RAI2	X	17819322	melanoma
46120	BEND2	X	18194192	melanoma
46121	SCML2	X	18260650	Classic
46122	SCML2	X	18260650	Classic_like
46123	SCML2	X	18260650	Gbm
46124	SCML2	X	18260650	IDHwt
46125	SCML2	X	18260650	IDHwt_priGBM
46126	SCML2	X	18260650	LGG GBM
46127	SCML2	X	18264771	melanoma
46128	SCML2	X	18264771	melanoma
46129	SCML2	X	18275064	Gbm
46130	SCML2	X	18275064	IDHwt
46131	SCML2	X	18275064	IDHwt_priGBM
46132	SCML2	X	18275064	LGG GBM
46133	SCML2	X	18275064	Mesenchymal
46134	SCML2	X	18275064	Mesenchymal_like
46135	SCML2	X	18275130	melanoma
46136	CDKL5	X	18622150	melanoma
46137	CDKL5	X	18622176	Gbm
46138	CDKL5	X	18622176	IDHwt
46139	CDKL5	X	18622176	IDHwt_priGBM
46140	CDKL5	X	18622176	LGG GBM
46141	CDKL5	X	18622176	LGm6_GBM
46142	CDKL5	X	18622176	Proneural
46143	RS1	X	18660192	melanoma
46144	CDKL5	X	18671584	melanoma
46145	PHKA2	X	18923941	melanoma
46146	PHKA2	X	18923941	melanoma
46147	PHKA2	X	18923941	melanoma
46148	PHKA2	X	18963221	melanoma
46149	ADGRG2	X	19031906	Astr
46150	ADGRG2	X	19031906	Astr
46151	ADGRG2	X	19031906	Astr
46152	ADGRG2	X	19031906	Classic
46153	ADGRG2	X	19031906	Classic
46154	ADGRG2	X	19031906	Classic
46155	ADGRG2	X	19031906	Classic_like
46156	ADGRG2	X	19031906	Classic_like
46157	ADGRG2	X	19031906	Classic_like
46158	ADGRG2	X	19031906	IDHwt
46159	ADGRG2	X	19031906	IDHwt
46160	ADGRG2	X	19031906	IDHwt
46161	ADGRG2	X	19031906	LGG GBM
46162	ADGRG2	X	19031906	LGG GBM
46163	ADGRG2	X	19031906	LGG GBM
46164	MAP3K15	X	19392700	IDHwt_priGBM2
46165	MAP3K15	X	19410570	melanoma
46166	MAP3K15	X	19428057	melanoma
46167	MAP3K15	X	19431545	melanoma

46168	RPS6KA3	X	20179871	melanoma
46169	RPS6KA3	X	20179871	melanoma
46170	RPS6KA3	X	20205954	Codel
46171	RPS6KA3	X	20205954	IDHmut
46172	RPS6KA3	X	20205954	IDHmut_codel
46173	RPS6KA3	X	20205954	LGG GBM
46174	RPS6KA3	X	20205954	Neural
46175	RPS6KA3	X	20205954	Oligo
46176	CNKSR2	X	21450868	bladder
46177	CNKSR2	X	21450868	melanoma
46178	CNKSR2	X	21450868	melanoma
46179	CNKSR2	X	21608703	melanoma
46180	CNKSR2	X	21667039	melanoma
46181	KLHL34	X	21675201	Gbm
46182	KLHL34	X	21675201	IDHwt
46183	KLHL34	X	21675201	IDHwt_priGBM
46184	KLHL34	X	21675201	LGG GBM
46185	KLHL34	X	21675201	Mesenchymal_like
46186	KLHL34	X	21675201	Proneural
46187	MBTPS2	X	21863476	melanoma
46188	MBTPS2	X	21863476	melanoma
46189	MBTPS2	X	21863476	melanoma
46190	YY2	X	21875587	melanoma
46191	ZNF645	X	22291403	melanoma
46192	DDX53	X	23018979	bladder
46193	DDX53	X	23018979	bladder
46194	DDX53	X	23019452	Gbm
46195	DDX53	X	23019452	IDHwt
46196	DDX53	X	23019452	IDHwt_priGBM
46197	DDX53	X	23019452	LGG GBM
46198	DDX53	X	23019452	Mesenchymal
46199	PTCHD1	X	23411685	melanoma
46200	PTCHD1	X	23411787	melanoma
46201	ACOT9	X	23731303	Gbm
46202	ACOT9	X	23731303	Gbm
46203	ACOT9	X	23731303	Gbm
46204	ACOT9	X	23731303	IDHwt
46205	ACOT9	X	23731303	IDHwt
46206	ACOT9	X	23731303	IDHwt
46207	ACOT9	X	23731303	IDHwt_priGBM
46208	ACOT9	X	23731303	IDHwt_priGBM
46209	ACOT9	X	23731303	IDHwt_priGBM
46210	ACOT9	X	23731303	LGG GBM
46211	ACOT9	X	23731303	LGG GBM
46212	ACOT9	X	23731303	LGG GBM
46213	ACOT9	X	23731303	Mesenchymal_like
46214	ACOT9	X	23731303	Mesenchymal_like
46215	ACOT9	X	23731303	Mesenchymal_like
46216	APOO	X	23899048	Classic_like
46217	APOO	X	23899048	Classic_like
46218	APOO	X	23899048	Gbm
46219	APOO	X	23899048	Gbm
46220	APOO	X	23899048	IDHwt
46221	APOO	X	23899048	IDHwt
46222	APOO	X	23899048	IDHwt_priGBM
46223	APOO	X	23899048	IDHwt_priGBM
46224	APOO	X	23899048	LGG GBM
46225	APOO	X	23899048	LGG GBM

46226	APOO	X	23899048	Mesenchymal
46227	APOO	X	23899048	Mesenchymal
46228	CXorf58	X	23953398	melanoma
46229	KLHL15	X	24006075	lung
46230	EIF2S3	X	24075576	melanoma
46231	ZFX	X	24229156	Classic
46232	ZFX	X	24229156	Classic_like
46233	ZFX	X	24229156	Gbm
46234	ZFX	X	24229156	IDHwt
46235	ZFX	X	24229156	IDHwt_priGBM
46236	ZFX	X	24229156	LGG GBM
46237	ZFX	X	24229378	melanoma
46238	PCYT1B	X	24580532	melanoma
46239	PCYT1B	X	24608226	melanoma
46240	PCYT1B	X	24625931	melanoma
46241	POLA1	X	24753561	Astr
46242	POLA1	X	24753561	GCIMP_high
46243	POLA1	X	24753561	IDHmut
46244	POLA1	X	24753561	IDHmut_noncodel
46245	POLA1	X	24753561	LGG GBM
46246	POLA1	X	24767089	melanoma
46247	POLA1	X	24906190	lung
46248	ARX	X	25031095	lung
46249	ARX	X	25033703	melanoma
46250	MAGEB18	X	26157215	melanoma
46251	MAGEB6	X	26212085	melanoma
46252	MAGEB6	X	26212226	IDHwt_priGBM2
46253	MAGEB5	X	26236007	melanoma
46254	DCAF8L2	X	27765811	melanoma
46255	DCAF8L2	X	27766309	melanoma
46256	DCAF8L2	X	27766418	melanoma
46257	DCAF8L2	X	27766418	melanoma
46258	DCAF8L1	X	27998163	Classic_like
46259	DCAF8L1	X	27998163	IDHwt
46260	DCAF8L1	X	27998163	LGG GBM
46261	DCAF8L1	X	27998163	Mesenchymal
46262	DCAF8L1	X	27998600	Codel
46263	DCAF8L1	X	27998600	IDHmut
46264	DCAF8L1	X	27998600	IDHmut_codel
46265	DCAF8L1	X	27998600	LGG GBM
46266	DCAF8L1	X	27998600	Oligo
46267	DCAF8L1	X	27998600	Proneural
46268	MAGEB3	X	30254384	Classic_like
46269	MAGEB3	X	30254384	Classic_like
46270	MAGEB3	X	30254384	Gbm
46271	MAGEB3	X	30254384	Gbm
46272	MAGEB3	X	30254384	IDHwt
46273	MAGEB3	X	30254384	IDHwt
46274	MAGEB3	X	30254384	IDHwt_priGBM
46275	MAGEB3	X	30254384	IDHwt_priGBM
46276	MAGEB3	X	30254384	LGG GBM
46277	MAGEB3	X	30254384	LGG GBM
46278	MAGEB3	X	30254384	Mesenchymal
46279	MAGEB3	X	30254384	Mesenchymal
46280	MAGEB3	X	30254946	lung
46281	MAGEB3	X	30254946	lung
46282	MAGEB4	X	30260580	melanoma
46283	MAGEB4	X	30261006	melanoma

46284	MAGEB1	X	30268617	melanoma
46285	MAGEB1	X	30269583	Codel
46286	MAGEB1	X	30269583	IDHmut
46287	MAGEB1	X	30269583	IDHmut_codel
46288	MAGEB1	X	30269583	LGG GBM
46289	MAGEB1	X	30269583	Mesenchymal
46290	MAGEB1	X	30269583	Oligo
46291	CXorf21	X	30577944	melanoma
46292	CXorf21	X	30578342	melanoma
46293	CXorf21	X	30578342	melanoma
46294	CXorf21	X	30578342	melanoma
46295	GK	X	30709248	lung
46296	TAB3	X	30849620	melanoma
46297	FTHL17	X	31089644	melanoma
46298	FTHL17	X	31089935	melanoma
46299	FTHL17	X	31089935	melanoma
46300	FTHL17	X	31089935	melanoma
46301	DMD	X	31191690	bladder
46302	DMD	X	31241172	melanoma
46303	DMD	X	31747756	Astr
46304	DMD	X	31747756	IDHwt
46305	DMD	X	31747756	LGG GBM
46306	DMD	X	31747756	Mesenchymal_like
46307	DMD	X	31747756	Neural
46308	DMD	X	31792151	lung
46309	DMD	X	31792301	lung
46310	DMD	X	31986588	Classic
46311	DMD	X	31986588	Classic like
46312	DMD	X	31986588	Gbm
46313	DMD	X	31986588	IDHwt
46314	DMD	X	31986588	IDHwt_priGBM
46315	DMD	X	31986588	LGG GBM
46316	DMD	X	32328342	melanoma
46317	DMD	X	32328347	melanoma
46318	DMD	X	32328347	melanoma
46319	DMD	X	32328347	melanoma
46320	DMD	X	32429969	melanoma
46321	DMD	X	32466655	melanoma
46322	DMD	X	32472889	lung
46323	DMD	X	32536226	melanoma
46324	DMD	X	32591921	lung
46325	DMD	X	32632527	melanoma
46326	DMD	X	32862955	lung
46327	FAM47A	X	34148687	melanoma
46328	FAM47A	X	34149195	melanoma
46329	FAM47A	X	34149822	melanoma
46330	FAM47A	X	34150208	melanoma
46331	TMEM47	X	34648526	Astr
46332	TMEM47	X	34648526	IDHwt
46333	TMEM47	X	34648526	LGG GBM
46334	TMEM47	X	34648526	Mesenchymal_like
46335	FAM47B	X	34962165	melanoma
46336	FAM47B	X	34962239	melanoma
46337	FAM47B	X	34962381	lung
46338	FAM47B	X	34962775	Codel
46339	FAM47B	X	34962775	IDHmut
46340	FAM47B	X	34962775	IDHmut_codel
46341	FAM47B	X	34962775	LGG GBM

46342	FAM47B	X	34962775	Oligo
46343	MAGEB16	X	35820627	IDHwt
46344	MAGEB16	X	35820627	LGG GBM
46345	MAGEB16	X	35820627	Mesenchymal_like
46346	MAGEB16	X	35820627	Oligo
46347	MAGEB16	X	35820735	melanoma
46348	MAGEB16	X	35821053	Classic_like
46349	MAGEB16	X	35821053	Gbm
46350	MAGEB16	X	35821053	IDHwt
46351	MAGEB16	X	35821053	IDHwt_priGBM
46352	MAGEB16	X	35821053	LGG GBM
46353	MAGEB16	X	35821118	melanoma
46354	MAGEB16	X	35821217	lung
46355	CFAP47	X	35944249	melanoma
46356	CFAP47	X	35966469	melanoma
46357	CFAP47	X	35966469	melanoma
46358	CFAP47	X	35966469	melanoma
46359	CFAP47	X	35969294	melanoma
46360	CFAP47	X	35974224	IDHwt_priGBM2
46361	CFAP47	X	36007535	melanoma
46362	CFAP47	X	36103466	Classic_like
46363	CFAP47	X	36103466	Classic_like
46364	CFAP47	X	36103466	Gbm
46365	CFAP47	X	36103466	Gbm
46366	CFAP47	X	36103466	LGG GBM
46367	CFAP47	X	36103466	LGG GBM
46368	CFAP47	X	36103466	Proneural
46369	CFAP47	X	36103466	Proneural
46370	CFAP47	X	36103484	Gbm
46371	CFAP47	X	36103484	IDHwt
46372	CFAP47	X	36103484	IDHwt_priGBM
46373	CFAP47	X	36103484	LGG GBM
46374	CFAP47	X	36103525	melanoma
46375	FAM47C	X	37028281	melanoma
46376	FAM47C	X	37029196	melanoma
46377	FAM47C	X	37029196	melanoma
46378	FAM47C	X	37029496	melanoma
46379	FAM47C	X	37029496	melanoma
46380	FAM47C	X	37029496	melanoma
46381	XK	X	37545243	melanoma
46382	XK	X	37545243	melanoma
46383	CYBB	X	37642767	melanoma
46384	CYBB	X	37658332	melanoma
46385	HYPM	X	37850145	Gbm
46386	HYPM	X	37850145	IDHwt
46387	HYPM	X	37850145	IDHwt_priGBM
46388	HYPM	X	37850145	LGG GBM
46389	HYPM	X	37850145	Mesenchymal_like
46390	HYPM	X	37850145	Proneural
46391	SYTL5	X	37893197	melanoma
46392	SYTL5	X	37893197	melanoma
46393	SYTL5	X	37935911	melanoma
46394	SYTL5	X	37955473	IDHwt_priGBM2
46395	SRPX	X	38016159	melanoma
46396	SRPX	X	38016159	melanoma
46397	SRPX	X	38016159	melanoma
46398	MID1IP1	X	38664486	melanoma
46399	MID1IP1	X	38664486	melanoma

46400	BCOR	X	39931690	GCIMP_high
46401	BCOR	X	39931690	IDHmut
46402	BCOR	X	39931690	IDHmut_noncodel
46403	BCOR	X	39931690	LGG GBM
46404	BCOR	X	39931690	Neural
46405	BCOR	X	39931690	OligoAstr
46406	ATP6AP2	X	40458878	melanoma
46407	MED14	X	40513786	melanoma
46408	MED14	X	40513786	melanoma
46409	MED14	X	40540143	melanoma
46410	MED14	X	40541993	melanoma
46411	MED14	X	40547778	melanoma
46412	MED14	X	40573821	melanoma
46413	MED14OS	X	40594846	IDHwt_priGBM2
46414	USP9X	X	41007728	melanoma
46415	USP9X	X	41043815	melanoma
46416	USP9X	X	41075260	Codel
46417	USP9X	X	41075260	Codel
46418	USP9X	X	41075260	Codel
46419	USP9X	X	41075260	IDHmut
46420	USP9X	X	41075260	IDHmut
46421	USP9X	X	41075260	IDHmut
46422	USP9X	X	41075260	IDHmut_codel
46423	USP9X	X	41075260	IDHmut_codel
46424	USP9X	X	41075260	IDHmut_codel
46425	USP9X	X	41075260	LGG GBM
46426	USP9X	X	41075260	LGG GBM
46427	USP9X	X	41075260	LGG GBM
46428	USP9X	X	41075260	Neural
46429	USP9X	X	41075260	Neural
46430	USP9X	X	41075260	Neural
46431	USP9X	X	41075260	Oligo
46432	USP9X	X	41075260	Oligo
46433	USP9X	X	41075260	Oligo
46434	USP9X	X	41077795	melanoma
46435	USP9X	X	41084333	melanoma
46436	DDX3X	X	41203316	melanoma
46437	DDX3X	X	41205857	melanoma
46438	DDX3X	X	41205866	melanoma
46439	DDX3X	X	41206241	lung
46440	DDX3X	X	41206241	lung
46441	CASK	X	41390370	lung
46442	GPR34	X	41555890	Classic
46443	GPR34	X	41555890	Gbm
46444	GPR34	X	41555890	IDHwt
46445	GPR34	X	41555890	IDHwt_priGBM
46446	GPR34	X	41555890	LGG GBM
46447	GPR34	X	41555890	Mesenchymal_like
46448	GPR82	X	41586772	melanoma
46449	CASK	X	41712385	lung
46450	MAOB	X	43652798	melanoma
46451	MAOB	X	43652798	melanoma
46452	DUSP21	X	44703755	melanoma
46453	DUSP21	X	44703755	melanoma
46454	DUSP21	X	44703755	melanoma
46455	DUSP21	X	44703755	melanoma
46456	KDM6A	X	44936055	melanoma
46457	KDM6A	X	44936055	melanoma

46458	KDM6A	X	44942724	bladder
46459	CXorf36	X	45013361	melanoma
46460	CXorf36	X	45059984	bladder
46461	KRBOX4	X	46332242	melanoma
46462	ZNF674	X	46359909	melanoma
46463	ZNF674	X	46360242	melanoma
46464	SLC9A7	X	46510652	IDHwt
46465	SLC9A7	X	46510652	LGG GBM
46466	SLC9A7	X	46510652	Mesenchymal_like
46467	SLC9A7	X	46510652	Neural
46468	SLC9A7	X	46510652	OligoAstr
46469	SLC9A7	X	46510764	melanoma
46470	SLC9A7	X	46531996	GCIMP_high
46471	SLC9A7	X	46531996	IDHmut
46472	SLC9A7	X	46531996	IDHmut_noncodel
46473	SLC9A7	X	46531996	LGG GBM
46474	SLC9A7	X	46531996	Proneural
46475	RGN	X	46949379	melanoma
46476	RBM10	X	47038529	lung
46477	UBA1	X	47058942	hnscc
46478	ZNF157	X	47271980	melanoma
46479	ZNF157	X	47272439	melanoma
46480	ARAF	X	47424293	lung
46481	ARAF	X	47429040	melanoma
46482	ARAF	X	47429040	melanoma
46483	ELK1	X	47496471	melanoma
46484	ELK1	X	47496471	melanoma
46485	ELK1	X	47496471	melanoma
46486	ZNF630	X	47918931	Gbm
46487	ZNF630	X	47918931	IDHwt
46488	ZNF630	X	47918931	IDHwt_priGBM
46489	ZNF630	X	47918931	LGG GBM
46490	ZNF630	X	47918931	Mesenchymal_like
46491	ZNF630	X	47918931	Proneural
46492	SLC38A5	X	48319395	Classic
46493	SLC38A5	X	48319395	Gbm
46494	SLC38A5	X	48319395	IDHwt
46495	SLC38A5	X	48319395	IDHwt_priGBM
46496	SLC38A5	X	48319395	LGG GBM
46497	SLC38A5	X	48319395	Mesenchymal_like
46498	FTSJ1	X	48337016	Astr
46499	FTSJ1	X	48337016	Codel
46500	FTSJ1	X	48337016	IDHmut
46501	FTSJ1	X	48337016	IDHmut_codel
46502	FTSJ1	X	48337016	LGG GBM
46503	FTSJ1	X	48337016	Mesenchymal
46504	FTSJ1	X	48339829	Codel
46505	FTSJ1	X	48339829	IDHmut
46506	FTSJ1	X	48339829	IDHmut_codel
46507	FTSJ1	X	48339829	LGG GBM
46508	FTSJ1	X	48339829	Neural
46509	FTSJ1	X	48339829	OligoAstr
46510	PORCN	X	48369688	melanoma
46511	PORCN	X	48369767	GCIMP_high
46512	PORCN	X	48369767	IDHmut
46513	PORCN	X	48369767	IDHmut_noncodel
46514	PORCN	X	48369767	LGG GBM
46515	PORCN	X	48369767	Oligo

46516	PORCN	X	48371009	lung
46517	PORCN	X	48374470	Classic_like
46518	PORCN	X	48374470	Gbm
46519	PORCN	X	48374470	IDHwt
46520	PORCN	X	48374470	IDHwt_priGBM
46521	PORCN	X	48374470	LGG GBM
46522	PORCN	X	48374470	Mesenchymal
46523	EBP	X	48382277	melanoma
46524	TBC1D25	X	48418056	GCIMP_high
46525	TBC1D25	X	48418056	GCIMP_high
46526	TBC1D25	X	48418056	IDHmut
46527	TBC1D25	X	48418056	IDHmut
46528	TBC1D25	X	48418056	IDHmut_noncodel
46529	TBC1D25	X	48418056	IDHmut_noncodel
46530	TBC1D25	X	48418056	LGG GBM
46531	TBC1D25	X	48418056	LGG GBM
46532	TBC1D25	X	48418056	OligoAstr
46533	TBC1D25	X	48418056	OligoAstr
46534	TBC1D25	X	48418056	Proneural
46535	TBC1D25	X	48418056	Proneural
46536	WAS	X	48546764	melanoma
46537	HDAC6	X	48681559	melanoma
46538	PIM2	X	48771532	Gbm
46539	PIM2	X	48771532	IDHwt
46540	PIM2	X	48771532	IDHwt_priGBM
46541	PIM2	X	48771532	LGG GBM
46542	PIM2	X	48771532	Mesenchymal
46543	PIM2	X	48771532	Mesenchymal_like
46544	PIM2	X	48772530	melanoma
46545	OTUD5	X	48781182	melanoma
46546	OTUD5	X	48781182	melanoma
46547	OTUD5	X	48781182	melanoma
46548	KCND1	X	48826090	Astr
46549	KCND1	X	48826090	GCIMP_high
46550	KCND1	X	48826090	IDHmut
46551	KCND1	X	48826090	IDHmut_noncodel
46552	KCND1	X	48826090	LGG GBM
46553	GRIPAP1	X	48838097	bladder
46554	CCDC120	X	48924861	melanoma
46555	GPKOW	X	48974091	melanoma
46556	MAGIX	X	49022629	bladder
46557	PRICKLE3	X	49033501	lung
46558	CACNA1F	X	49067135	melanoma
46559	CACNA1F	X	49088176	Classic
46560	CACNA1F	X	49088176	Classic
46561	CACNA1F	X	49088176	IDHwt
46562	CACNA1F	X	49088176	IDHwt
46563	CACNA1F	X	49088176	LGG GBM
46564	CACNA1F	X	49088176	LGG GBM
46565	CACNA1F	X	49088176	Mesenchymal_like
46566	CACNA1F	X	49088176	Mesenchymal_like
46567	CACNA1F	X	49088176	OligoAstr
46568	CACNA1F	X	49088176	OligoAstr
46569	CCDC22	X	49093692	Codel
46570	CCDC22	X	49093692	IDHmut
46571	CCDC22	X	49093692	IDHmut_codel
46572	CCDC22	X	49093692	LGG GBM
46573	CCDC22	X	49093692	Oligo

46574	CCDC22	X	49093692	Proneural
46575	FOXP3	X	49112252	Classic_like
46576	FOXP3	X	49112252	Gbm
46577	FOXP3	X	49112252	IDHwt
46578	FOXP3	X	49112252	IDHwt_priGBM
46579	FOXP3	X	49112252	LGG GBM
46580	PPP1R3F	X	49142743	lung
46581	PAGE1	X	49454137	melanoma
46582	USP27X	X	49645490	melanoma
46583	CLCN5	X	49855383	melanoma
46584	CLCN5	X	49855414	lung
46585	AKAP4	X	49955662	melanoma
46586	AKAP4	X	49955662	melanoma
46587	AKAP4	X	49955725	melanoma
46588	AKAP4	X	49955725	melanoma
46589	AKAP4	X	49957103	melanoma
46590	AKAP4	X	49958081	Astr
46591	AKAP4	X	49958081	GCIMP_low
46592	AKAP4	X	49958081	IDHmut
46593	AKAP4	X	49958081	IDHmut_noncodel
46594	AKAP4	X	49958081	LGG GBM
46595	AKAP4	X	49958081	Proneural
46596	AKAP4	X	49958837	GCIMP_high
46597	AKAP4	X	49958837	IDHmut
46598	AKAP4	X	49958837	IDHmut_noncodel
46599	AKAP4	X	49958837	LGG GBM
46600	AKAP4	X	49958837	Neural
46601	AKAP4	X	49958837	Oligo
46602	AKAP4	X	49961593	melanoma
46603	SHROOM4	X	50377938	Classic
46604	SHROOM4	X	50377938	Classic_like
46605	SHROOM4	X	50377938	Gbm
46606	SHROOM4	X	50377938	IDHwt
46607	SHROOM4	X	50377938	IDHwt_priGBM
46608	SHROOM4	X	50377938	LGG GBM
46609	CXorf67	X	51150293	melanoma
46610	NUDT11	X	51239200	melanoma
46611	MAGED1	X	51640684	melanoma
46612	KDM5C	X	53253926	melanoma
46613	KDM5C	X	53253926	melanoma
46614	IQSEC2	X	53277942	GCIMP_high
46615	IQSEC2	X	53277942	IDHmut
46616	IQSEC2	X	53277942	IDHmut_noncodel
46617	IQSEC2	X	53277942	LGG GBM
46618	IQSEC2	X	53280142	melanoma
46619	IQSEC2	X	53280229	melanoma
46620	IQSEC2	X	53284034	bladder
46621	IQSEC2	X	53284034	bladder
46622	SMC1A	X	53432432	Codel
46623	SMC1A	X	53432432	IDHmut
46624	SMC1A	X	53432432	IDHmut_codel
46625	SMC1A	X	53432432	LGG GBM
46626	SMC1A	X	53432432	Oligo
46627	SMC1A	X	53432432	Proneural
46628	RIBC1	X	53457896	melanoma
46629	HUWE1	X	53563518	melanoma
46630	HUWE1	X	53563518	melanoma
46631	HUWE1	X	53578035	bladder

46632	HUWE1	X	53591548	melanoma
46633	HUWE1	X	53631743	melanoma
46634	HUWE1	X	53674514	melanoma
46635	PHF8	X	53966789	melanoma
46636	PHF8	X	53966789	melanoma
46637	PHF8	X	53966790	melanoma
46638	WNK3	X	54224807	melanoma
46639	WNK3	X	54259414	melanoma
46640	FGD1	X	54475673	Astr
46641	FGD1	X	54475673	GCIMP_high
46642	FGD1	X	54475673	IDHmut
46643	FGD1	X	54475673	IDHmut_noncodel
46644	FGD1	X	54475673	LGG GBM
46645	FGD1	X	54475673	Neural
46646	FGD1	X	54492211	melanoma
46647	GNL3L	X	54570718	GCIMP_high
46648	GNL3L	X	54570718	IDHmut
46649	GNL3L	X	54570718	IDHmut_noncodel
46650	GNL3L	X	54570718	LGG GBM
46651	ITIH6	X	54777561	lung
46652	ITIH6	X	54777561	lung
46653	ITIH6	X	54777673	Codel
46654	ITIH6	X	54777673	IDHmut
46655	ITIH6	X	54777673	IDHmut_codel
46656	ITIH6	X	54777673	LGG GBM
46657	ITIH6	X	54777673	OligoAstr
46658	ITIH6	X	54777673	Proneural
46659	ITIH6	X	54783460	Codel
46660	ITIH6	X	54783460	Codel
46661	ITIH6	X	54783460	IDHmut
46662	ITIH6	X	54783460	IDHmut
46663	ITIH6	X	54783460	IDHmut_codel
46664	ITIH6	X	54783460	IDHmut_codel
46665	ITIH6	X	54783460	LGG GBM
46666	ITIH6	X	54783460	LGG GBM
46667	ITIH6	X	54783460	Proneural
46668	ITIH6	X	54783460	Proneural
46669	ITIH6	X	54783767	melanoma
46670	ITIH6	X	54783767	melanoma
46671	ITIH6	X	54784174	Astr
46672	ITIH6	X	54784174	GCIMP_high
46673	ITIH6	X	54784174	IDHmut
46674	ITIH6	X	54784174	IDHmut_noncodel
46675	ITIH6	X	54784174	LGG GBM
46676	ITIH6	X	54784174	Mesenchymal
46677	ITIH6	X	54784964	melanoma
46678	ITIH6	X	54785300	Astr
46679	ITIH6	X	54785300	IDHwt
46680	ITIH6	X	54785300	LGG GBM
46681	ITIH6	X	54785300	Mesenchymal_like
46682	ITIH6	X	54817276	melanoma
46683	MAGED2	X	54841736	lung
46684	TRO	X	54953498	melanoma
46685	TRO	X	54953498	melanoma
46686	TRO	X	54956263	lung
46687	TRO	X	54956867	melanoma
46688	TRO	X	54957055	lung
46689	PFKFB1	X	54989722	melanoma

46690	APEX2	X	55030251	lung
46691	APEX2	X	55030251	lung
46692	APEX2	X	55033273	melanoma
46693	PAGE5	X	55247853	melanoma
46694	MAGEH1	X	55479064	melanoma
46695	MAGEH1	X	55479222	bladder
46696	MAGEH1	X	55479222	bladder
46697	USP51	X	55514268	lung
46698	USP51	X	55514658	Astr
46699	USP51	X	55514658	GCIMP_high
46700	USP51	X	55514658	IDHmut
46701	USP51	X	55514658	IDHmut_noncodel
46702	USP51	X	55514658	LGG GBM
46703	USP51	X	55514658	Proneural
46704	FOXR2	X	55650388	lung
46705	FOXR2	X	55651021	melanoma
46706	KLF8	X	56295850	melanoma
46707	UBQLN2	X	56591058	melanoma
46708	SPIN3	X	57021256	melanoma
46709	FAAH2	X	57405110	melanoma
46710	FAAH2	X	57405110	melanoma
46711	FAAH2	X	57405110	melanoma
46712	FAAH2	X	57405110	melanoma
46713	FAAH2	X	57405110	melanoma
46714	FAAH2	X	57405110	melanoma
46715	FAAH2	X	57458357	melanoma
46716	ZXDB	X	57619722	melanoma
46717	ZXDA	X	57935618	melanoma
46718	ZXDA	X	57935618	melanoma
46719	ZXDA	X	57936067	melanoma
46720	SPIN4	X	62570254	melanoma
46721	SPIN4	X	62570670	lung
46722	SPIN4	X	62570671	lung
46723	ASB12	X	63445392	melanoma
46724	ASB12	X	63445392	melanoma
46725	ASB12	X	63445392	melanoma
46726	MTMR8	X	63555993	melanoma
46727	MTMR8	X	63574772	melanoma
46728	MTMR8	X	63579299	GCIMP_high
46729	MTMR8	X	63579299	IDHmut
46730	MTMR8	X	63579299	IDHmut_noncodel
46731	MTMR8	X	63579299	LGG GBM
46732	ZC3H12B	X	64709190	melanoma
46733	ZC3H12B	X	64717082	melanoma
46734	ZC3H12B	X	64722740	GCIMP_high
46735	ZC3H12B	X	64722740	IDHmut
46736	ZC3H12B	X	64722740	IDHmut_noncodel
46737	ZC3H12B	X	64722740	LGG GBM
46738	ZC3H12B	X	64722740	Proneural
46739	LAS1L	X	64737941	Gbm
46740	LAS1L	X	64737941	LGG GBM
46741	LAS1L	X	64744052	Classic
46742	LAS1L	X	64744052	Gbm
46743	LAS1L	X	64744052	IDHwt
46744	LAS1L	X	64744052	IDHwt_priGBM
46745	LAS1L	X	64744052	LGG GBM
46746	LAS1L	X	64744052	Mesenchymal_like
46747	MSN	X	64949405	melanoma

46748	MSN	X	64949405	melanoma
46749	MSN	X	64949405	melanoma
46750	MSN	X	64949405	melanoma
46751	VSIG4	X	65242232	melanoma
46752	VSIG4	X	65242302	Classic_like
46753	VSIG4	X	65242302	Gbm
46754	VSIG4	X	65242302	IDHwt
46755	VSIG4	X	65242302	IDHwt_priGBM
46756	VSIG4	X	65242302	LGG GBM
46757	HEPH	X	65392327	melanoma
46758	HEPH	X	65417555	melanoma
46759	HEPH	X	65417555	melanoma
46760	HEPH	X	65420555	melanoma
46761	HEPH	X	65420555	melanoma
46762	HEPH	X	65480096	melanoma
46763	HEPH	X	65480096	melanoma
46764	HEPH	X	65480096	melanoma
46765	HEPH	X	65480096	melanoma
46766	AR	X	66766039	lung
46767	AR	X	66766039	lung
46768	AR	X	66863246	hnscc
46769	AR	X	66931475	Astr
46770	AR	X	66931475	GCIMP_high
46771	AR	X	66931475	IDHmut
46772	AR	X	66931475	IDHmut_noncodel
46773	AR	X	66931475	LGG GBM
46774	AR	X	66931475	Neural
46775	STARD8	X	67935147	melanoma
46776	STARD8	X	67937903	melanoma
46777	FAM155B	X	68725601	IDHwt_priGBM2
46778	EDA	X	69253319	Classic_like
46779	EDA	X	69253319	Gbm
46780	EDA	X	69253319	IDHwt
46781	EDA	X	69253319	IDHwt_priGBM
46782	EDA	X	69253319	LGG GBM
46783	EDA	X	69253319	Mesenchymal
46784	IGBP1	X	69370145	lung
46785	DGAT2L6	X	69419713	melanoma
46786	DGAT2L6	X	69419713	melanoma
46787	DGAT2L6	X	69421805	IDHwt
46788	DGAT2L6	X	69421805	LGG GBM
46789	DGAT2L6	X	69421805	Mesenchymal_like
46790	DGAT2L6	X	69421805	Oligo
46791	DGAT2L6	X	69421817	melanoma
46792	DGAT2L6	X	69421817	melanoma
46793	AWAT1	X	69454564	melanoma
46794	P2RY4	X	69478685	melanoma
46795	P2RY4	X	69478786	Classic
46796	P2RY4	X	69478786	Classic_like
46797	P2RY4	X	69478786	Gbm
46798	P2RY4	X	69478786	IDHwt
46799	P2RY4	X	69478786	IDHwt_priGBM
46800	P2RY4	X	69478786	LGG GBM
46801	P2RY4	X	69479036	melanoma
46802	ARR3	X	69496293	melanoma
46803	RAB41	X	69504123	melanoma
46804	KIF4A	X	69606486	lung
46805	KIF4A	X	69615635	bladder

46806	KIF4A	X	69639970	melanoma
46807	KIF4A	X	69639970	melanoma
46808	GDPD2	X	69652495	Astr
46809	GDPD2	X	69652495	GCIMP_high
46810	GDPD2	X	69652495	IDHmut
46811	GDPD2	X	69652495	IDHmut_noncodel
46812	GDPD2	X	69652495	LGG GBM
46813	GDPD2	X	69652495	Proneural
46814	TEX11	X	69902570	lung
46815	TEX11	X	69902570	lung
46816	SLC7A3	X	70148064	melanoma
46817	SLC7A3	X	70149573	melanoma
46818	MED12	X	70341432	melanoma
46819	MED12	X	70341432	melanoma
46820	MED12	X	70344668	lung
46821	MED12	X	70345918	lung
46822	NLGN3	X	70387004	melanoma
46823	TAF1	X	70612432	melanoma
46824	TAF1	X	70621406	Astr
46825	TAF1	X	70621406	IDHwt
46826	TAF1	X	70621406	LGG GBM
46827	TAF1	X	70621406	Neural
46828	TAF1	X	70621406	PA_like
46829	OGT	X	70757920	melanoma
46830	OGT	X	70777507	Gbm
46831	OGT	X	70777507	IDHwt
46832	OGT	X	70777507	IDHwt_priGBM
46833	OGT	X	70777507	LGG GBM
46834	OGT	X	70777507	Mesenchymal
46835	OGT	X	70777507	Mesenchymal_like
46836	OGT	X	70787365	melanoma
46837	OGT	X	70787365	melanoma
46838	OGT	X	70787401	melanoma
46839	OGT	X	70793627	Codel
46840	OGT	X	70793627	IDHmut
46841	OGT	X	70793627	IDHmut_codel
46842	OGT	X	70793627	LGG GBM
46843	OGT	X	70793627	Oligo
46844	OGT	X	70793627	Proneural
46845	GCNA	X	70828951	melanoma
46846	GCNA	X	70828953	IDHwt
46847	GCNA	X	70828953	LGG GBM
46848	GCNA	X	70828953	Mesenchymal_like
46849	GCNA	X	70828953	Neural
46850	RTL5	X	71350625	melanoma
46851	RTL5	X	71350687	melanoma
46852	RTL5	X	71351018	lung
46853	NHSL2	X	71358348	lung
46854	NHSL2	X	71359191	melanoma
46855	ERCC6L	X	71426491	melanoma
46856	ERCC6L	X	71426720	lung
46857	ERCC6L	X	71428196	melanoma
46858	ERCC6L	X	71428196	melanoma
46859	ERCC6L	X	71428196	melanoma
46860	PHKA1	X	71870294	melanoma
46861	NAP1L2	X	72433964	Codel
46862	NAP1L2	X	72433964	IDHmut
46863	NAP1L2	X	72433964	IDHmut_codel

46864	NAP1L2	X	72433964	LGG GBM
46865	NAP1L2	X	72433964	Oligo
46866	NAP1L2	X	72433964	Proneural
46867	CDX4	X	72667262	Gbm
46868	CDX4	X	72667262	IDHwt
46869	CDX4	X	72667262	IDHwt_priGBM
46870	CDX4	X	72667262	LGG GBM
46871	SLC16A2	X	73745663	melanoma
46872	RLIM	X	73811318	lung
46873	RLIM	X	73812120	melanoma
46874	KIAA2022	X	73959975	melanoma
46875	KIAA2022	X	73959975	melanoma
46876	KIAA2022	X	73960071	melanoma
46877	KIAA2022	X	73960718	melanoma
46878	KIAA2022	X	73961153	melanoma
46879	KIAA2022	X	73961225	melanoma
46880	KIAA2022	X	73962736	lung
46881	KIAA2022	X	73962909	melanoma
46882	KIAA2022	X	73963085	melanoma
46883	KIAA2022	X	73963257	melanoma
46884	KIAA2022	X	73964003	Astr
46885	KIAA2022	X	73964003	Classic
46886	KIAA2022	X	73964003	IDHwt
46887	KIAA2022	X	73964003	LGG GBM
46888	KIAA2022	X	73964003	Mesenchymal_like
46889	ABCB7	X	74288958	lung
46890	ABCB7	X	74289256	melanoma
46891	ZDHHC15	X	74649016	melanoma
46892	ZDHHC15	X	74670723	melanoma
46893	MAGEE2	X	75003526	melanoma
46894	MAGEE2	X	75003938	melanoma
46895	MAGEE2	X	75003938	melanoma
46896	MAGEE2	X	75004145	melanoma
46897	MAGEE2	X	75004186	melanoma
46898	MAGEE2	X	75004826	Gbm
46899	MAGEE2	X	75004826	IDHwt
46900	MAGEE2	X	75004826	IDHwt_priGBM
46901	MAGEE2	X	75004826	LGG GBM
46902	MAGEE2	X	75004826	Mesenchymal_like
46903	PBDC1	X	75396760	Astr
46904	PBDC1	X	75396760	GCIMP_high
46905	PBDC1	X	75396760	IDHmut
46906	PBDC1	X	75396760	IDHmut_noncodel
46907	PBDC1	X	75396760	LGG GBM
46908	PBDC1	X	75396760	Proneural
46909	MAGEE1	X	75649378	melanoma
46910	MAGEE1	X	75651039	lung
46911	ATRX	X	76813076	GCIMP_high
46912	ATRX	X	76813076	IDHmut
46913	ATRX	X	76813076	IDHmut_noncodel
46914	ATRX	X	76813076	LGG GBM
46915	ATRX	X	76813076	Neural
46916	ATRX	X	76813076	OligoAstr
46917	ATRX	X	76814270	lung
46918	ATRX	X	76829787	GCIMP_high
46919	ATRX	X	76829787	IDHmut
46920	ATRX	X	76829787	IDHmut_noncodel
46921	ATRX	X	76829787	LGG GBM

46922	ATRX	X	76829787	Mesenchymal
46923	ATRX	X	76829787	OligoAstr
46924	ATRX	X	76849221	GCIMP_high
46925	ATRX	X	76849221	GCIMP_high
46926	ATRX	X	76849221	IDHmut
46927	ATRX	X	76849221	IDHmut
46928	ATRX	X	76849221	IDHmut_noncodel
46929	ATRX	X	76849221	IDHmut_noncodel
46930	ATRX	X	76849221	LGG GBM
46931	ATRX	X	76849221	LGG GBM
46932	ATRX	X	76849221	OligoAstr
46933	ATRX	X	76849221	OligoAstr
46934	ATRX	X	76849221	Proneural
46935	ATRX	X	76849221	Proneural
46936	ATRX	X	76872118	Gbm
46937	ATRX	X	76872118	GCIMP_high
46938	ATRX	X	76872118	IDHmut
46939	ATRX	X	76872118	IDHmut_noncodel
46940	ATRX	X	76872118	LGG GBM
46941	ATRX	X	76872118	Proneural
46942	ATRX	X	76938734	melanoma
46943	ATRX	X	76944336	melanoma
46944	ATRX	X	76944336	melanoma
46945	MAGT1	X	77112986	melanoma
46946	PGAM4	X	77224939	melanoma
46947	ATP7A	X	77276506	hnscc
46948	ATP7A	X	77296130	melanoma
46949	PGK1	X	77359865	melanoma
46950	PGK1	X	77380495	GCIMP_high
46951	PGK1	X	77380495	IDHmut
46952	PGK1	X	77380495	IDHmut_noncodel
46953	PGK1	X	77380495	LGG GBM
46954	PGK1	X	77380495	OligoAstr
46955	PGK1	X	77380495	Proneural
46956	RTL3	X	77913599	melanoma
46957	RTL3	X	77913760	melanoma
46958	RTL3	X	77913770	melanoma
46959	RTL3	X	77913863	Gbm
46960	RTL3	X	77913863	IDHwt
46961	RTL3	X	77913863	IDHwt_priGBM
46962	RTL3	X	77913863	LGG GBM
46963	RTL3	X	77913863	Mesenchymal
46964	LPAR4	X	78010934	melanoma
46965	LPAR4	X	78010934	melanoma
46966	LPAR4	X	78010934	melanoma
46967	LPAR4	X	78011326	melanoma
46968	P2RY10	X	78216462	melanoma
46969	P2RY10	X	78216859	melanoma
46970	GPR174	X	78426604	melanoma
46971	GPR174	X	78426833	lung
46972	GPR174	X	78427086	Classic_like
46973	GPR174	X	78427086	Gbm
46974	GPR174	X	78427086	IDHwt
46975	GPR174	X	78427086	IDHwt_priGBM
46976	GPR174	X	78427086	LGG GBM
46977	GPR174	X	78427086	Mesenchymal
46978	GPR174	X	78427488	GCIMP_high
46979	GPR174	X	78427488	IDHmut

46980	GPR174	X	78427488	IDHmut_noncodel
46981	GPR174	X	78427488	LGG GBM
46982	GPR174	X	78427488	OligoAstr
46983	GPR174	X	78427488	Proneural
46984	TBX22	X	79286092	melanoma
46985	TBX22	X	79286092	melanoma
46986	TBX22	X	79286113	melanoma
46987	TBX22	X	79286156	melanoma
46988	FAM46D	X	79698090	melanoma
46989	FAM46D	X	79698154	melanoma
46990	FAM46D	X	79698321	melanoma
46991	FAM46D	X	79699116	Classic
46992	FAM46D	X	79699116	Gbm
46993	FAM46D	X	79699116	IDHwt
46994	FAM46D	X	79699116	IDHwt_priGBM
46995	FAM46D	X	79699116	LGG GBM
46996	FAM46D	X	79699197	melanoma
46997	FAM46D	X	79699197	melanoma
46998	BRWD3	X	79945589	melanoma
46999	HMG5	X	80374248	lung
47000	CYLC1	X	83126517	Codel
47001	CYLC1	X	83126517	IDHmut
47002	CYLC1	X	83126517	IDHmut_codel
47003	CYLC1	X	83126517	LGG GBM
47004	CYLC1	X	83126517	OligoAstr
47005	CYLC1	X	83126517	Proneural
47006	CYLC1	X	83127907	melanoma
47007	CYLC1	X	83128863	lung
47008	HDX	X	83616611	Codel
47009	HDX	X	83616611	IDHmut
47010	HDX	X	83616611	IDHmut_codel
47011	HDX	X	83616611	LGG GBM
47012	HDX	X	83616611	Oligo
47013	HDX	X	83616611	Proneural
47014	HDX	X	83724060	GCIMP_high
47015	HDX	X	83724060	IDHmut
47016	HDX	X	83724060	IDHmut_noncodel
47017	HDX	X	83724060	LGG GBM
47018	HDX	X	83724060	OligoAstr
47019	APOOL	X	84310875	melanoma
47020	APOOL	X	84310875	melanoma
47021	APOOL	X	84310875	melanoma
47022	APOOL	X	84329389	melanoma
47023	SATL1	X	84362599	Gbm
47024	SATL1	X	84362599	IDHwt
47025	SATL1	X	84362599	IDHwt_priGBM
47026	SATL1	X	84362599	LGG GBM
47027	SATL1	X	84362599	Mesenchymal
47028	SATL1	X	84363223	melanoma
47029	SATL1	X	84363223	melanoma
47030	ZNF711	X	84510724	melanoma
47031	ZNF711	X	84526443	melanoma
47032	ZNF711	X	84526809	melanoma
47033	ZNF711	X	84526809	melanoma
47034	ZNF711	X	84526809	melanoma
47035	POF1B	X	84563165	Astr
47036	POF1B	X	84563165	Astr
47037	POF1B	X	84563165	IDHwt

47038	POF1B	X	84563165	IDHwt
47039	POF1B	X	84563165	LGG GBM
47040	POF1B	X	84563165	LGG GBM
47041	POF1B	X	84563165	Neural
47042	POF1B	X	84563165	Neural
47043	POF1B	X	84563165	PA_like
47044	POF1B	X	84563165	PA_like
47045	POF1B	X	84606417	melanoma
47046	POF1B	X	84606417	melanoma
47047	POF1B	X	84606417	melanoma
47048	POF1B	X	84606418	melanoma
47049	POF1B	X	84606424	melanoma
47050	POF1B	X	84606424	melanoma
47051	POF1B	X	84622714	melanoma
47052	POF1B	X	84634215	melanoma
47053	POF1B	X	84634215	melanoma
47054	POF1B	X	84634215	melanoma
47055	CHM	X	85219053	melanoma
47056	DACH2	X	86067934	lung
47057	KLHL4	X	86877413	melanoma
47058	KLHL4	X	86880734	melanoma
47059	TGIF2LX	X	89177551	lung
47060	TGIF2LX	X	89177721	hnsc
47061	PABPC5	X	90690940	lung
47062	PABPC5	X	90691201	lung
47063	PCDH11X	X	91132676	Gbm
47064	PCDH11X	X	91132676	IDHwt
47065	PCDH11X	X	91132676	IDHwt_priGBM
47066	PCDH11X	X	91132676	LGG GBM
47067	PCDH11X	X	91132676	Mesenchymal
47068	PCDH11X	X	91873550	melanoma
47069	RPA4	X	96140010	melanoma
47070	RPA4	X	96140010	melanoma
47071	PCDH19	X	99662058	Classic_like
47072	PCDH19	X	99662058	IDHwt
47073	PCDH19	X	99662058	LGG GBM
47074	PCDH19	X	99662058	OligoAstr
47075	PCDH19	X	99662058	Proneural
47076	PCDH19	X	99662086	Gbm
47077	PCDH19	X	99662086	IDHwt
47078	PCDH19	X	99662086	IDHwt_priGBM
47079	PCDH19	X	99662086	LGG GBM
47080	PCDH19	X	99662086	LGm6_GBM
47081	PCDH19	X	99662086	Mesenchymal
47082	PCDH19	X	99662844	Astr
47083	PCDH19	X	99662844	GCIMP_high
47084	PCDH19	X	99662844	IDHmut
47085	PCDH19	X	99662844	IDHmut_noncodel
47086	PCDH19	X	99662844	LGG GBM
47087	PCDH19	X	99662844	Proneural
47088	PCDH19	X	99663199	melanoma
47089	TNMD	X	99854514	melanoma
47090	TNMD	X	99854514	melanoma
47091	TSPAN6	X	99885806	melanoma
47092	CSTF2	X	100079221	melanoma
47093	CSTF2	X	100079221	melanoma
47094	CSTF2	X	100079221	melanoma
47095	NOX1	X	100103665	melanoma

47096	NOX1	X	100103665	melanoma
47097	NOX1	X	100103665	melanoma
47098	XKRX	X	100169558	GCIMP_high
47099	XKRX	X	100169558	GCIMP_high
47100	XKRX	X	100169558	IDHmut
47101	XKRX	X	100169558	IDHmut
47102	XKRX	X	100169558	IDHmut_noncodel
47103	XKRX	X	100169558	IDHmut_noncodel
47104	XKRX	X	100169558	LGG GBM
47105	XKRX	X	100169558	LGG GBM
47106	XKRX	X	100169558	Oligo
47107	XKRX	X	100169558	Oligo
47108	XKRX	X	100169558	Proneural
47109	XKRX	X	100169558	Proneural
47110	XKRX	X	100169919	melanoma
47111	XKRX	X	100169974	melanoma
47112	XKRX	X	100170007	melanoma
47113	XKRX	X	100182981	melanoma
47114	TRMT2B	X	100275542	lung
47115	TRMT2B	X	100278580	Codel
47116	TRMT2B	X	100278580	IDHmut
47117	TRMT2B	X	100278580	IDHmut_codel
47118	TRMT2B	X	100278580	LGG GBM
47119	TRMT2B	X	100278580	Proneural
47120	TRMT2B	X	100290643	melanoma
47121	CENPI	X	100375433	melanoma
47122	CENPI	X	100387192	melanoma
47123	CENPI	X	100387192	melanoma
47124	CENPI	X	100387192	melanoma
47125	CENPI	X	100387192	melanoma
47126	CENPI	X	100387222	melanoma
47127	CENPI	X	100401190	melanoma
47128	CENPI	X	100401190	melanoma
47129	CENPI	X	100401197	melanoma
47130	CENPI	X	100401197	melanoma
47131	TAF7L	X	100531023	Classic_like
47132	TAF7L	X	100531023	Classic_like
47133	TAF7L	X	100531023	Classic_like
47134	TAF7L	X	100531023	Gbm
47135	TAF7L	X	100531023	Gbm
47136	TAF7L	X	100531023	Gbm
47137	TAF7L	X	100531023	LGG GBM
47138	TAF7L	X	100531023	LGG GBM
47139	TAF7L	X	100531023	LGG GBM
47140	TAF7L	X	100531023	Proneural
47141	TAF7L	X	100531023	Proneural
47142	TAF7L	X	100531023	Proneural
47143	BTK	X	100604887	lung
47144	BTK	X	100615725	melanoma
47145	GLA	X	100656785	melanoma
47146	ARMCX4	X	100749200	IDHwt_priGBM2
47147	ARMCX1	X	100808814	lung
47148	ARMCX2	X	100910839	Astr
47149	ARMCX2	X	100910839	GCIMP_high
47150	ARMCX2	X	100910839	IDHmut
47151	ARMCX2	X	100910839	IDHmut_noncodel
47152	ARMCX2	X	100910839	LGG GBM
47153	NXF5	X	101096032	lung

47154	NXF5	X	101096032	lung
47155	NXF5	X	101096032	lung
47156	NXF5	X	101096935	melanoma
47157	ZMAT1	X	101139070	Astr
47158	ZMAT1	X	101139070	Classic
47159	ZMAT1	X	101139070	Classic_like
47160	ZMAT1	X	101139070	IDHwt
47161	ZMAT1	X	101139070	LGG GBM
47162	NXF2;NXF2B	X	101623751	lung
47163	ARMCX5	X	101858029	Classic
47164	ARMCX5	X	101858029	Gbm
47165	ARMCX5	X	101858029	IDHwt
47166	ARMCX5	X	101858029	IDHwt_priGBM
47167	ARMCX5	X	101858029	LGG GBM
47168	ARMCX5	X	101858029	Mesenchymal_like
47169	GPRASP1	X	101909430	melanoma
47170	GPRASP1	X	101909593	melanoma
47171	GPRASP1	X	101911866	melanoma
47172	5X5-GPRASP2;GPI	X	101971875	melanoma
47173	5X5-GPRASP2;B+	X	102004593	lung
47174	RAB40AL	X	102192370	lung
47175	RAB40AL	X	102192370	lung
47176	RAB40AL	X	102192371	melanoma
47177	NXF3	X	102331222	bladder
47178	NXF3	X	102338417	melanoma
47179	NXF3	X	102339283	Gbm
47180	NXF3	X	102339283	Gbm
47181	NXF3	X	102339283	IDHwt
47182	NXF3	X	102339283	IDHwt
47183	NXF3	X	102339283	IDHwt_priGBM
47184	NXF3	X	102339283	IDHwt_priGBM
47185	NXF3	X	102339283	LGG GBM
47186	NXF3	X	102339283	LGG GBM
47187	NXF3	X	102339283	LGm6_GBM
47188	NXF3	X	102339283	LGm6_GBM
47189	RAB40A	X	102755512	IDHwt_priGBM2
47190	TMEM31	X	102968822	melanoma
47191	TMEM31	X	102968841	melanoma
47192	TMEM31	X	102968841	melanoma
47193	GLRA4	X	102979858	melanoma
47194	H2BFWT	X	103267902	Gbm
47195	H2BFWT	X	103267902	IDHwt
47196	H2BFWT	X	103267902	IDHwt_priGBM
47197	H2BFWT	X	103267902	LGG GBM
47198	H2BFWT	X	103267902	Mesenchymal
47199	H2BFWT	X	103267902	Mesenchymal_like
47200	SLC25A53	X	103349186	Classic_like
47201	SLC25A53	X	103349186	IDHwt
47202	SLC25A53	X	103349186	LGG GBM
47203	SLC25A53	X	103349186	OligoAstr
47204	SLC25A53	X	103349186	Proneural
47205	FAM199X	X	103420413	melanoma
47206	FAM199X	X	103420413	melanoma
47207	ESX1	X	103494919	melanoma
47208	IL1RAPL2	X	104961482	melanoma
47209	IL1RAPL2	X	104999323	melanoma
47210	IL1RAPL2	X	105011061	melanoma
47211	NRK	X	105139438	melanoma

47212	NRK	X	105178375	GCIMP_high
47213	NRK	X	105178375	IDHmut
47214	NRK	X	105178375	IDHmut_noncodel
47215	NRK	X	105178375	LGG GBM
47216	NRK	X	105178375	OligoAstr
47217	NRK	X	105178375	Proneural
47218	NRK	X	105178376	melanoma
47219	NRK	X	105181458	Gbm
47220	NRK	X	105181458	IDHwt
47221	NRK	X	105181458	IDHwt_priGBM
47222	NRK	X	105181458	LGG GBM
47223	NRK	X	105181458	Mesenchymal
47224	NRK	X	105181458	Mesenchymal_like
47225	NRK	X	105189913	melanoma
47226	NRK	X	105190366	melanoma
47227	NRK	X	105190366	melanoma
47228	SERPINA7	X	105277613	melanoma
47229	SERPINA7	X	105277622	melanoma
47230	SERPINA7	X	105278252	melanoma
47231	SERPINA7	X	105278252	melanoma
47232	SERPINA7	X	105280595	melanoma
47233	MUM1L1	X	105449561	melanoma
47234	MUM1L1	X	105449691	melanoma
47235	MUM1L1	X	105449691	melanoma
47236	MUM1L1	X	105450057	melanoma
47237	CXorf57	X	105881005	Classic
47238	CXorf57	X	105881005	Classic
47239	CXorf57	X	105881005	Gbm
47240	CXorf57	X	105881005	Gbm
47241	CXorf57	X	105881005	IDHwt
47242	CXorf57	X	105881005	IDHwt
47243	CXorf57	X	105881005	IDHwt_priGBM
47244	CXorf57	X	105881005	IDHwt_priGBM
47245	CXorf57	X	105881005	LGG GBM
47246	CXorf57	X	105881005	LGG GBM
47247	CXorf57	X	105891553	melanoma
47248	CXorf57	X	105921444	melanoma
47249	RNF128	X	106016289	lung
47250	TBC1D8B	X	106065412	melanoma
47251	TBC1D8B	X	106065412	melanoma
47252	TBC1D8B	X	106066546	melanoma
47253	TBC1D8B	X	106109083	melanoma
47254	CLDN2	X	106171733	melanoma
47255	MORC4	X	106224582	melanoma
47256	MORC4	X	106224582	melanoma
47257	RBM41	X	106332039	lung
47258	RBM41	X	106332039	lung
47259	FRMPD3	X	106841189	lung
47260	FRMPD3	X	106841322	melanoma
47261	FRMPD3	X	106841322	melanoma
47262	FRMPD3	X	106845744	melanoma
47263	PRPS1	X	106882586	melanoma
47264	TEX13B	X	107224441	melanoma
47265	TEX13B	X	107224441	melanoma
47266	TEX13B	X	107224648	melanoma
47267	VSIG1	X	107315967	melanoma
47268	VSIG1	X	107315996	melanoma
47269	VSIG1	X	107315996	melanoma

47270	VSIG1	X	107315996	melanoma
47271	ATG4A	X	107381409	lung
47272	COL4A6	X	107400327	melanoma
47273	COL4A6	X	107403723	lung
47274	COL4A6	X	107431839	melanoma
47275	COL4A5	X	107814652	melanoma
47276	COL4A5	X	107814652	melanoma
47277	COL4A5	X	107834814	melanoma
47278	COL4A5	X	107846202	melanoma
47279	COL4A5	X	107846203	melanoma
47280	COL4A5	X	107868997	melanoma
47281	COL4A5	X	107868997	melanoma
47282	COL4A5	X	107911614	Classic_like
47283	COL4A5	X	107911614	Gbm
47284	COL4A5	X	107911614	IDHwt
47285	COL4A5	X	107911614	IDHwt_priGBM
47286	COL4A5	X	107911614	LGG GBM
47287	COL4A5	X	107911614	Mesenchymal
47288	COL4A5	X	107925010	melanoma
47289	COL4A5	X	107925062	melanoma
47290	COL4A5	X	107938545	Astr
47291	COL4A5	X	107938545	GCIMP_high
47292	COL4A5	X	107938545	IDHmut
47293	COL4A5	X	107938545	IDHmut_noncodel
47294	COL4A5	X	107938545	LGG GBM
47295	COL4A5	X	107938549	melanoma
47296	GUCY2F	X	108638649	melanoma
47297	GUCY2F	X	108638650	melanoma
47298	ACSL4	X	108906463	bladder
47299	TMEM164	X	109416603	bladder
47300	AMMECR1	X	109441858	melanoma
47301	AMMECR1	X	109561295	Codel
47302	AMMECR1	X	109561295	IDHmut
47303	AMMECR1	X	109561295	IDHmut_codel
47304	AMMECR1	X	109561295	LGG GBM
47305	AMMECR1	X	109561295	Proneural
47306	RTL9	X	109696031	melanoma
47307	RTL9	X	109696961	melanoma
47308	RTL9	X	109696961	melanoma
47309	RTL9	X	109696961	melanoma
47310	RTL9	X	109696961	melanoma
47311	CHRD1	X	109937546	lung
47312	CHRD1	X	109937546	lung
47313	CHRD1	X	110005975	melanoma
47314	CHRD1	X	110005975	melanoma
47315	DCX	X	110644409	melanoma
47316	ALG13	X	111003100	melanoma
47317	ALG13	X	111003100	melanoma
47318	TRPC5	X	111025183	lung
47319	TRPC5	X	111090558	melanoma
47320	TRPC5	X	111155988	melanoma
47321	AMOT	X	112022323	melanoma
47322	AMOT	X	112035076	melanoma
47323	AMOT	X	112035086	melanoma
47324	HTR2C	X	113965833	melanoma
47325	HTR2C	X	113965896	melanoma
47326	HTR2C	X	113965905	lung
47327	HTR2C	X	114082655	lung

47328	HTR2C	X	114082662	melanoma
47329	HTR2C	X	114082662	melanoma
47330	HTR2C	X	114082662	melanoma
47331	HTR2C	X	114082662	melanoma
47332	HTR2C	X	114082716	melanoma
47333	HTR2C	X	114082719	melanoma
47334	HTR2C	X	114082755	GCIMP_high
47335	HTR2C	X	114082755	GCIMP_high
47336	HTR2C	X	114082755	IDHmut
47337	HTR2C	X	114082755	IDHmut
47338	HTR2C	X	114082755	IDHmut_noncodel
47339	HTR2C	X	114082755	IDHmut_noncodel
47340	HTR2C	X	114082755	LGG GBM
47341	HTR2C	X	114082755	LGG GBM
47342	HTR2C	X	114082755	Neural
47343	HTR2C	X	114082755	Neural
47344	HTR2C	X	114082755	OligoAstr
47345	HTR2C	X	114082755	OligoAstr
47346	IL13RA2	X	114249014	Classic_like
47347	IL13RA2	X	114249014	Gbm
47348	IL13RA2	X	114249014	IDHwt
47349	IL13RA2	X	114249014	IDHwt_priGBM
47350	IL13RA2	X	114249014	LGG GBM
47351	LRCH2	X	114357336	melanoma
47352	LRCH2	X	114422903	melanoma
47353	RBMXL3	X	114424211	melanoma
47354	RBMXL3	X	114424938	bladder
47355	RBMXL3	X	114425974	lung
47356	RBMXL3	X	114426231	melanoma
47357	PLS3	X	114880406	melanoma
47358	AGTR2	X	115304314	GCIMP_high
47359	AGTR2	X	115304314	IDHmut
47360	AGTR2	X	115304314	IDHmut_noncodel
47361	AGTR2	X	115304314	LGG GBM
47362	AGTR2	X	115304314	Oligo
47363	AGTR2	X	115304521	melanoma
47364	AGTR2	X	115304594	melanoma
47365	AGTR2	X	115304594	melanoma
47366	AGTR2	X	115304602	melanoma
47367	SLC6A14	X	115572236	melanoma
47368	SLC6A14	X	115582811	melanoma
47369	KLHL13	X	117032951	melanoma
47370	KLHL13	X	117033083	melanoma
47371	KLHL13	X	117043924	melanoma
47372	WDR44	X	117570749	melanoma
47373	DOCK11	X	117748686	Classic_like
47374	DOCK11	X	117748686	Classic_like
47375	DOCK11	X	117748686	Classic_like
47376	DOCK11	X	117748686	Gbm
47377	DOCK11	X	117748686	Gbm
47378	DOCK11	X	117748686	Gbm
47379	DOCK11	X	117748686	IDHwt
47380	DOCK11	X	117748686	IDHwt
47381	DOCK11	X	117748686	IDHwt
47382	DOCK11	X	117748686	IDHwt_priGBM
47383	DOCK11	X	117748686	IDHwt_priGBM
47384	DOCK11	X	117748686	IDHwt_priGBM
47385	DOCK11	X	117748686	LGG GBM

47386	DOCK11	X	117748686	LGG GBM
47387	DOCK11	X	117748686	LGG GBM
47388	DOCK11	X	117748686	Mesenchymal
47389	DOCK11	X	117748686	Mesenchymal
47390	DOCK11	X	117748686	Mesenchymal
47391	DOCK11	X	117777450	melanoma
47392	DOCK11	X	117796657	melanoma
47393	DOCK11	X	117815030	melanoma
47394	DOCK11	X	117815030	melanoma
47395	DOCK11	X	117815030	melanoma
47396	DOCK11	X	117819689	lung
47397	IL13RA1	X	117895112	melanoma
47398	ZCCHC12	X	117959376	melanoma
47399	ZCCHC12	X	117959418	Codel
47400	ZCCHC12	X	117959418	IDHmut
47401	ZCCHC12	X	117959418	IDHmut_codel
47402	ZCCHC12	X	117959418	LGG GBM
47403	ZCCHC12	X	117959418	Neural
47404	ZCCHC12	X	117959418	Oligo
47405	ZCCHC12	X	117959993	lung
47406	ZCCHC12	X	117959993	lung
47407	KIAA1210	X	118222263	GCIMP_high
47408	KIAA1210	X	118222263	GCIMP_high
47409	KIAA1210	X	118222263	IDHmut
47410	KIAA1210	X	118222263	IDHmut
47411	KIAA1210	X	118222263	IDHmut_noncodel
47412	KIAA1210	X	118222263	IDHmut_noncodel
47413	KIAA1210	X	118222263	LGG GBM
47414	KIAA1210	X	118222263	LGG GBM
47415	KIAA1210	X	118222263	Proneural
47416	KIAA1210	X	118222263	Proneural
47417	KIAA1210	X	118223104	melanoma
47418	KIAA1210	X	118223155	GCIMP_high
47419	KIAA1210	X	118223155	IDHmut
47420	KIAA1210	X	118223155	IDHmut_noncodel
47421	KIAA1210	X	118223155	LGG GBM
47422	KIAA1210	X	118230573	lung
47423	KIAA1210	X	118284494	melanoma
47424	PGRMC1	X	118370465	lung
47425	PGRMC1	X	118370561	Codel
47426	PGRMC1	X	118370561	Codel
47427	PGRMC1	X	118370561	IDHmut
47428	PGRMC1	X	118370561	IDHmut
47429	PGRMC1	X	118370561	IDHmut_codel
47430	PGRMC1	X	118370561	IDHmut_codel
47431	PGRMC1	X	118370561	LGG GBM
47432	PGRMC1	X	118370561	LGG GBM
47433	PGRMC1	X	118370561	Oligo
47434	PGRMC1	X	118370561	Oligo
47435	PGRMC1	X	118370561	Proneural
47436	PGRMC1	X	118370561	Proneural
47437	SLC25A5	X	118604386	melanoma
47438	6-Sep	X	118797470	melanoma
47439	RHOXF2;RHOXF2I	X	119210937	melanoma
47440	RHOXF1	X	119249522	bladder
47441	ZBTB33	X	119388684	melanoma
47442	ZBTB33	X	119388684	melanoma
47443	TMEM255A	X	119410766	Gbm

47444	TMEM255A	X	119410766	IDHwt
47445	TMEM255A	X	119410766	IDHwt_priGBM
47446	TMEM255A	X	119410766	LGG GBM
47447	TMEM255A	X	119410766	Mesenchymal
47448	TMEM255A	X	119410766	Mesenchymal_like
47449	TMEM255A	X	119425192	lung
47450	CT47B1	X	120009163	melanoma
47451	GLUD2	X	120182722	melanoma
47452	GRIA3	X	122387241	melanoma
47453	GRIA3	X	122536914	melanoma
47454	GRIA3	X	122536914	melanoma
47455	THOC2	X	122799634	lung
47456	XIAP	X	123019910	lung
47457	STAG2	X	123179143	melanoma
47458	STAG2	X	123191810	melanoma
47459	TENM1	X	123518585	melanoma
47460	TENM1	X	123518585	melanoma
47461	TENM1	X	123519691	Codel
47462	TENM1	X	123519691	IDHmut
47463	TENM1	X	123519691	IDHmut_codel
47464	TENM1	X	123519691	LGG GBM
47465	TENM1	X	123519691	Mesenchymal
47466	TENM1	X	123519691	Oligo
47467	TENM1	X	123519791	melanoma
47468	TENM1	X	123540302	melanoma
47469	TENM1	X	123785874	melanoma
47470	TENM1	X	123787474	melanoma
47471	TENM1	X	124029907	melanoma
47472	DCAF12L2	X	125299442	Gbm
47473	DCAF12L2	X	125299442	IDHwt
47474	DCAF12L2	X	125299442	IDHwt_priGBM
47475	DCAF12L2	X	125299442	LGG GBM
47476	DCAF12L2	X	125299442	Mesenchymal_like
47477	DCAF12L2	X	125299513	melanoma
47478	DCAF12L2	X	125299513	melanoma
47479	DCAF12L2	X	125299672	Astr
47480	DCAF12L2	X	125299672	GCIMP_high
47481	DCAF12L2	X	125299672	IDHmut
47482	DCAF12L2	X	125299672	IDHmut_noncodel
47483	DCAF12L2	X	125299672	LGG GBM
47484	DCAF12L2	X	125299672	Proneural
47485	DCAF12L2	X	125299816	GCIMP_high
47486	DCAF12L2	X	125299816	IDHmut
47487	DCAF12L2	X	125299816	IDHmut_noncodel
47488	DCAF12L2	X	125299816	LGG GBM
47489	DCAF12L2	X	125299816	OligoAstr
47490	DCAF12L1	X	125685567	lung
47491	DCAF12L1	X	125685618	melanoma
47492	DCAF12L1	X	125685952	lung
47493	DCAF12L1	X	125686027	lung
47494	DCAF12L1	X	125686027	lung
47495	DCAF12L1	X	125686443	melanoma
47496	DCAF12L1	X	125686452	Astr
47497	DCAF12L1	X	125686452	Astr
47498	DCAF12L1	X	125686452	IDHwt
47499	DCAF12L1	X	125686452	IDHwt
47500	DCAF12L1	X	125686452	LGG GBM
47501	DCAF12L1	X	125686452	LGG GBM

47502	DCAF12L1	X	125686452	Mesenchymal_like
47503	DCAF12L1	X	125686452	Mesenchymal_like
47504	PRR32	X	125954848	melanoma
47505	ACTRT1	X	127185152	melanoma
47506	ACTRT1	X	127185165	lung
47507	ACTRT1	X	127185165	lung
47508	ACTRT1	X	127185347	melanoma
47509	ACTRT1	X	127185375	melanoma
47510	ACTRT1	X	127185375	melanoma
47511	ACTRT1	X	127185485	Gbm
47512	ACTRT1	X	127185485	IDHwt
47513	ACTRT1	X	127185485	IDHwt_priGBM
47514	ACTRT1	X	127185485	LGG GBM
47515	ACTRT1	X	127185485	Mesenchymal
47516	ACTRT1	X	127185485	Mesenchymal_like
47517	ACTRT1	X	127185768	melanoma
47518	ACTRT1	X	127185768	melanoma
47519	ACTRT1	X	127185768	melanoma
47520	ACTRT1	X	127185768	melanoma
47521	SMARCA1	X	128633808	melanoma
47522	SMARCA1	X	128633808	melanoma
47523	SMARCA1	X	128650317	melanoma
47524	OCRL	X	128674760	melanoma
47525	OCRL	X	128691316	melanoma
47526	OCRL	X	128721040	melanoma
47527	XPNPEP2	X	128885750	melanoma
47528	SASH3	X	128914114	melanoma
47529	UTP14A	X	129060251	Astr
47530	UTP14A	X	129060251	Classic
47531	UTP14A	X	129060251	Classic_like
47532	UTP14A	X	129060251	IDHwt
47533	UTP14A	X	129060251	LGG GBM
47534	UTP14A	X	129063382	melanoma
47535	UTP14A	X	129063382	melanoma
47536	BCORL1	X	129147490	melanoma
47537	BCORL1	X	129147490	melanoma
47538	BCORL1	X	129147490	melanoma
47539	BCORL1	X	129173179	melanoma
47540	AIFM1	X	129272643	Classic
47541	AIFM1	X	129272643	Classic_like
47542	AIFM1	X	129272643	Gbm
47543	AIFM1	X	129272643	IDHwt
47544	AIFM1	X	129272643	IDHwt_priGBM
47545	AIFM1	X	129272643	LGG GBM
47546	RAB33A	X	129318596	melanoma
47547	RAB33A	X	129318596	melanoma
47548	ZNF280C	X	129354388	Gbm
47549	ZNF280C	X	129354388	IDHwt
47550	ZNF280C	X	129354388	IDHwt_priGBM
47551	ZNF280C	X	129354388	LGG GBM
47552	ZNF280C	X	129354388	Mesenchymal_like
47553	ZNF280C	X	129354388	Proneural
47554	SLC25A14	X	129480527	melanoma
47555	SLC25A14	X	129480527	melanoma
47556	SLC25A14	X	129480527	melanoma
47557	SLC25A14	X	129480527	melanoma
47558	GPR119	X	129519142	melanoma
47559	ARHGAP36	X	130217842	melanoma

47560	ARHGAP36	X	130217842	melanoma
47561	ARHGAP36	X	130219570	melanoma
47562	ARHGAP36	X	130219570	melanoma
47563	ARHGAP36	X	130219570	melanoma
47564	ARHGAP36	X	130219571	melanoma
47565	ARHGAP36	X	130219571	melanoma
47566	ARHGAP36	X	130219571	melanoma
47567	ARHGAP36	X	130219571	melanoma
47568	ARHGAP36	X	130220349	melanoma
47569	ARHGAP36	X	130220349	melanoma
47570	ARHGAP36	X	130220395	lung
47571	IGSF1	X	130408705	melanoma
47572	IGSF1	X	130408993	melanoma
47573	IGSF1	X	130409952	Astr
47574	IGSF1	X	130409952	Astr
47575	IGSF1	X	130409952	GCIMP_low
47576	IGSF1	X	130409952	GCIMP_low
47577	IGSF1	X	130409952	IDHmut
47578	IGSF1	X	130409952	IDHmut
47579	IGSF1	X	130409952	IDHmut_noncodel
47580	IGSF1	X	130409952	IDHmut_noncodel
47581	IGSF1	X	130409952	LGG GBM
47582	IGSF1	X	130409952	LGG GBM
47583	IGSF1	X	130409952	Proneural
47584	IGSF1	X	130409952	Proneural
47585	IGSF1	X	130409965	melanoma
47586	IGSF1	X	130412078	bladder
47587	IGSF1	X	130415673	melanoma
47588	IGSF1	X	130419321	lung
47589	IGSF1	X	130419989	melanoma
47590	OR13H1	X	130678120	melanoma
47591	OR13H1	X	130678120	melanoma
47592	OR13H1	X	130678120	melanoma
47593	OR13H1	X	130678120	melanoma
47594	OR13H1	X	130678349	Gbm
47595	OR13H1	X	130678349	IDHwt
47596	OR13H1	X	130678349	IDHwt_priGBM
47597	OR13H1	X	130678349	LGG GBM
47598	OR13H1	X	130678349	Neural
47599	OR13H1	X	130678529	lung
47600	STK26	X	131202291	melanoma
47601	FRMD7	X	131212133	melanoma
47602	FRMD7	X	131212810	melanoma
47603	MBNL3	X	131520791	melanoma
47604	HS6ST2	X	131803223	melanoma
47605	USP26	X	132160156	melanoma
47606	USP26	X	132160169	melanoma
47607	USP26	X	132160472	melanoma
47608	USP26	X	132160726	GCIMP_high
47609	USP26	X	132160726	IDHmut
47610	USP26	X	132160726	IDHmut_noncodel
47611	USP26	X	132160726	LGG GBM
47612	USP26	X	132160726	Oligo
47613	USP26	X	132161296	melanoma
47614	TFDP3	X	132351545	melanoma
47615	TFDP3	X	132351899	bladder
47616	GPC4	X	132438840	melanoma
47617	GPC3	X	132888126	melanoma

47618	RTL8C	X	134166587	lung
47619	RTL8C	X	134166587	lung
47620	RTL8C	X	134166587	lung
47621	ZNF75D	X	134425402	melanoma
47622	ZNF75D	X	134427892	bladder
47623	INTS6L	X	134679366	melanoma
47624	INTS6L	X	134714081	Classic
47625	INTS6L	X	134714081	Classic
47626	INTS6L	X	134714081	Gbm
47627	INTS6L	X	134714081	Gbm
47628	INTS6L	X	134714081	IDHwt
47629	INTS6L	X	134714081	IDHwt
47630	INTS6L	X	134714081	IDHwt_priGBM
47631	INTS6L	X	134714081	IDHwt_priGBM
47632	INTS6L	X	134714081	LGG GBM
47633	INTS6L	X	134714081	LGG GBM
47634	SAGE1	X	134990353	bladder
47635	SLC9A6	X	135076986	melanoma
47636	SLC9A6	X	135126723	melanoma
47637	MAP7D3	X	135303038	lung
47638	ADGRG4	X	135426623	melanoma
47639	ADGRG4	X	135426623	melanoma
47640	ADGRG4	X	135426623	melanoma
47641	ADGRG4	X	135426623	melanoma
47642	ADGRG4	X	135426623	melanoma
47643	ADGRG4	X	135426995	melanoma
47644	ADGRG4	X	135427033	melanoma
47645	ADGRG4	X	135427310	melanoma
47646	ADGRG4	X	135427924	melanoma
47647	ADGRG4	X	135428105	lung
47648	ADGRG4	X	135428105	lung
47649	ADGRG4	X	135428153	IDHwt_priGBM2
47650	ADGRG4	X	135428443	melanoma
47651	ADGRG4	X	135428482	melanoma
47652	ADGRG4	X	135428482	melanoma
47653	ADGRG4	X	135429698	melanoma
47654	ADGRG4	X	135429698	melanoma
47655	ADGRG4	X	135430106	melanoma
47656	ADGRG4	X	135431090	melanoma
47657	ADGRG4	X	135431090	melanoma
47658	ADGRG4	X	135431090	melanoma
47659	ADGRG4	X	135432445	melanoma
47660	ADGRG4	X	135432445	melanoma
47661	ADGRG4	X	135432446	melanoma
47662	ADGRG4	X	135432446	melanoma
47663	ADGRG4	X	135482143	melanoma
47664	ADGRG4	X	135496397	melanoma
47665	ADGRG4	X	135496397	melanoma
47666	ADGRG4	X	135496397	melanoma
47667	ADGRG4	X	135496397	melanoma
47668	ADGRG4	X	135496453	lung
47669	BRS3	X	135572414	melanoma
47670	BRS3	X	135574251	melanoma
47671	HTATSF1	X	135585043	melanoma
47672	VGLL1	X	135618281	melanoma
47673	VGLL1	X	135618361	melanoma
47674	CD40LG	X	135741377	melanoma
47675	ARHGEF6	X	135825938	Astr

47676	ARHGEF6	X	135825938	Classic
47677	ARHGEF6	X	135825938	Classic_like
47678	ARHGEF6	X	135825938	IDHwt
47679	ARHGEF6	X	135825938	LGG GBM
47680	GPR101	X	136113803	Codel
47681	GPR101	X	136113803	IDHmut
47682	GPR101	X	136113803	IDHmut_codel
47683	GPR101	X	136113803	LGG GBM
47684	GPR101	X	136113803	Proneural
47685	FGF13	X	137785192	melanoma
47686	MCF2	X	138687125	melanoma
47687	MCF2	X	138708425	melanoma
47688	MCF2	X	138711906	melanoma
47689	MCF2	X	138711938	Astr
47690	MCF2	X	138711938	GCIMP_high
47691	MCF2	X	138711938	IDHmut
47692	MCF2	X	138711938	IDHmut_noncodel
47693	MCF2	X	138711938	LGG GBM
47694	MCF2	X	138711938	Neural
47695	MCF2	X	138714609	melanoma
47696	MCF2	X	138714609	melanoma
47697	MCF2	X	138714609	melanoma
47698	MCF2	X	138714609	melanoma
47699	ATP11C	X	138856946	melanoma
47700	ATP11C	X	138857089	melanoma
47701	ATP11C	X	138870472	melanoma
47702	ATP11C	X	138870472	melanoma
47703	ATP11C	X	138878476	melanoma
47704	ATP11C	X	138878476	melanoma
47705	CXorf66	X	139038221	melanoma
47706	CXorf66	X	139038221	melanoma
47707	CXorf66	X	139038221	melanoma
47708	SOX3	X	139586475	lung
47709	CDR1	X	139866114	melanoma
47710	CDR1	X	139866114	melanoma
47711	LDOC1	X	140270882	melanoma
47712	LDOC1	X	140271044	melanoma
47713	LDOC1	X	140271196	GCIMP_high
47714	LDOC1	X	140271196	IDHmut
47715	LDOC1	X	140271196	IDHmut_noncodel
47716	LDOC1	X	140271196	LGG GBM
47717	LDOC1	X	140271196	Proneural
47718	SPANXC:SPANXD	X	140785767	Codel
47719	SPANXC:SPANXD	X	140785767	IDHmut
47720	SPANXC:SPANXD	X	140785767	IDHmut_codel
47721	SPANXC:SPANXD	X	140785767	LGG GBM
47722	SPANXC:SPANXD	X	140785767	Oligo
47723	SPANXC:SPANXD	X	140785767	Proneural
47724	MAGEC3	X	140953323	melanoma
47725	MAGEC3	X	140953345	melanoma
47726	MAGEC3	X	140983175	lung
47727	MAGEC3	X	140985464	melanoma
47728	MAGEC1	X	140993338	melanoma
47729	MAGEC1	X	140993591	melanoma
47730	MAGEC1	X	140993591	melanoma
47731	MAGEC1	X	140993591	melanoma
47732	MAGEC1	X	140994898	lung
47733	MAGEC1	X	140995041	melanoma

47734	MAGEC1	X	140995532	melanoma
47735	MAGEC1	X	140995694	melanoma
47736	MAGEC1	X	140995694	melanoma
47737	MAGEC1	X	140995802	bladder
47738	MAGEC1	X	140995802	bladder
47739	MAGEC1	X	140996253	melanoma
47740	MAGEC2	X	141290890	melanoma
47741	MAGEC2	X	141291256	Classic
47742	MAGEC2	X	141291256	Classic_like
47743	MAGEC2	X	141291256	Gbm
47744	MAGEC2	X	141291256	IDHwt
47745	MAGEC2	X	141291256	IDHwt_priGBM
47746	MAGEC2	X	141291256	LGG GBM
47747	MAGEC2	X	141291572	melanoma
47748	SPANXN3	X	142596922	melanoma
47749	SLITRK4	X	142717459	lung
47750	SLITRK4	X	142717643	lung
47751	SLITRK4	X	142718375	melanoma
47752	UBE2NL	X	142967308	melanoma
47753	UBE2NL	X	142967486	Gbm
47754	UBE2NL	X	142967486	IDHwt
47755	UBE2NL	X	142967486	IDHwt_priGBM
47756	UBE2NL	X	142967486	LGG GBM
47757	UBE2NL	X	142967486	LGm6_GBM
47758	UBE2NL	X	142967525	melanoma
47759	UBE2NL	X	142967525	melanoma
47760	TMEM257	X	144909305	bladder
47761	TMEM257	X	144909305	bladder
47762	FMR1	X	147014004	melanoma
47763	FMR1NB	X	147106395	lung
47764	AFF2	X	147733629	melanoma
47765	AFF2	X	148037323	Codel
47766	AFF2	X	148037323	IDHmut
47767	AFF2	X	148037323	IDHmut_codel
47768	AFF2	X	148037323	LGG GBM
47769	AFF2	X	148037323	Oligo
47770	AFF2	X	148037323	Proneural
47771	AFF2	X	148039907	Classic
47772	AFF2	X	148039907	Classic_like
47773	AFF2	X	148039907	Gbm
47774	AFF2	X	148039907	IDHwt
47775	AFF2	X	148039907	IDHwt_priGBM
47776	AFF2	X	148039907	LGG GBM
47777	AFF2	X	148044393	melanoma
47778	AFF2	X	148059531	lung
47779	IDS	X	148568489	melanoma
47780	IDS	X	148579772	melanoma
47781	MAGEA11	X	148798179	melanoma
47782	MAGEA8	X	149013326	lung
47783	MAGEA8	X	149013496	melanoma
47784	MAMLD1	X	149639254	GCIMP_high
47785	MAMLD1	X	149639254	IDHmut
47786	MAMLD1	X	149639254	IDHmut_noncodel
47787	MAMLD1	X	149639254	LGG GBM
47788	MAMLD1	X	149639254	Proneural
47789	MAMLD1	X	149639278	melanoma
47790	MTMR1	X	149924318	Codel
47791	MTMR1	X	149924318	IDHmut

47792	MTMR1	X	149924318	IDHmut_codel
47793	MTMR1	X	149924318	LGG GBM
47794	MTMR1	X	149924318	Oligo
47795	MTMR1	X	149924318	Proneural
47796	MTMR1	X	149924320	melanoma
47797	CD99L2	X	149963906	melanoma
47798	PASD1	X	150790022	melanoma
47799	PASD1	X	150791531	hnsc
47800	PASD1	X	150791531	hnsc
47801	PASD1	X	150828303	bladder
47802	PASD1	X	150832597	melanoma
47803	PRRG3	X	150869062	melanoma
47804	PRRG3	X	150869063	melanoma
47805	PRRG3	X	150869063	melanoma
47806	FATE1	X	150885868	Gbm
47807	FATE1	X	150885868	IDHwt
47808	FATE1	X	150885868	IDHwt_priGBM
47809	FATE1	X	150885868	LGG GBM
47810	FATE1	X	150885868	Mesenchymal
47811	FATE1	X	150885868	Mesenchymal_like
47812	GABRE	X	151124254	melanoma
47813	GABRE	X	151124269	melanoma
47814	GABRE	X	151124269	melanoma
47815	GABRA3	X	151336905	melanoma
47816	GABRA3	X	151336914	melanoma
47817	GABRA3	X	151376506	lung
47818	GABRA3	X	151424301	melanoma
47819	GABRA3	X	151424301	melanoma
47820	GABRA3	X	151424446	melanoma
47821	GABRA3	X	151532913	melanoma
47822	GABRA3	X	151532994	Astr
47823	GABRA3	X	151532994	Codel
47824	GABRA3	X	151532994	IDHmut
47825	GABRA3	X	151532994	IDHmut_codel
47826	GABRA3	X	151532994	LGG GBM
47827	GABRA3	X	151532994	Neural
47828	GABRQ	X	151820141	melanoma
47829	GABRQ	X	151820141	melanoma
47830	GABRQ	X	151821328	melanoma
47831	MAGEA6	X	151870067	melanoma
47832	MAGEA6	X	151870122	Classic_like
47833	MAGEA6	X	151870122	Gbm
47834	MAGEA6	X	151870122	IDHwt
47835	MAGEA6	X	151870122	IDHwt_priGBM
47836	MAGEA6	X	151870122	LGG GBM
47837	MAGEA6	X	151870122	Mesenchymal
47838	MAGEA6	X	151870230	melanoma
47839	CSAG1	X	151908921	Gbm
47840	CSAG1	X	151908921	IDHwt
47841	CSAG1	X	151908921	IDHwt_priGBM
47842	CSAG1	X	151908921	LGG GBM
47843	CSAG1	X	151908921	Mesenchymal
47844	CSAG1	X	151908921	Mesenchymal_like
47845	MAGEA3	X	151935785	melanoma
47846	MAGEA3	X	151935946	melanoma
47847	ZNF185	X	152132397	melanoma
47848	PNMA5	X	152159280	Astr
47849	PNMA5	X	152159280	Classic

47850	PNMA5	X	152159280	Classic_like
47851	PNMA5	X	152159280	IDHwt
47852	PNMA5	X	152159280	LGG GBM
47853	MAGEA1	X	152482313	lung
47854	TREX2	X	152710602	melanoma
47855	HAUS7	X	152730472	melanoma
47856	BGN	X	152770259	Codel
47857	BGN	X	152770259	IDHmut
47858	BGN	X	152770259	IDHmut_codel
47859	BGN	X	152770259	LGG GBM
47860	BGN	X	152770259	OligoAstr
47861	BGN	X	152770259	Proneural
47862	BGN	X	152770794	melanoma
47863	ATP2B3	X	152806982	melanoma
47864	ATP2B3	X	152806991	lung
47865	ATP2B3	X	152815588	melanoma
47866	ATP2B3	X	152830482	Gbm
47867	ATP2B3	X	152830482	IDHwt
47868	ATP2B3	X	152830482	IDHwt_priGBM
47869	ATP2B3	X	152830482	LGG GBM
47870	ATP2B3	X	152830482	Mesenchymal
47871	ATP2B3	X	152830482	Mesenchymal_like
47872	ATP2B3	X	152845464	melanoma
47873	ATP2B3	X	152845464	melanoma
47874	DUSP9	X	152914884	lung
47875	DUSP9	X	152914885	lung
47876	DUSP9	X	152914885	lung
47877	DUSP9	X	152915557	lung
47878	SLC6A8	X	152958554	lung
47879	SLC6A8	X	152960237	melanoma
47880	SLC6A8	X	152960237	melanoma
47881	PLXNB3	X	153033031	IDHwt
47882	PLXNB3	X	153033031	LGG GBM
47883	PLXNB3	X	153033031	Mesenchymal_like
47884	PLXNB3	X	153033031	Neural
47885	PLXNB3	X	153039330	melanoma
47886	SRPK3	X	153047044	melanoma
47887	SRPK3	X	153047223	bladder
47888	SRPK3	X	153047591	melanoma
47889	IDH3G	X	153051838	melanoma
47890	IDH3G	X	153052389	melanoma
47891	IDH3G	X	153052389	melanoma
47892	L1CAM	X	153128311	melanoma
47893	L1CAM	X	153130576	Classic
47894	L1CAM	X	153130576	Classic_like
47895	L1CAM	X	153130576	Gbm
47896	L1CAM	X	153130576	IDHwt
47897	L1CAM	X	153130576	IDHwt_priGBM
47898	L1CAM	X	153130576	LGG GBM
47899	L1CAM	X	153141260	Classic
47900	L1CAM	X	153141260	Classic_like
47901	L1CAM	X	153141260	Gbm
47902	L1CAM	X	153141260	IDHwt
47903	L1CAM	X	153141260	IDHwt_priGBM
47904	L1CAM	X	153141260	LGG GBM
47905	AVPR2	X	153171653	bladder
47906	ARHGAP4	X	153175531	lung
47907	ARHGAP4	X	153178907	IDHwt_priGBM2

47908	RENBP	X	153208518	GCIMP_high
47909	RENBP	X	153208518	IDHmut
47910	RENBP	X	153208518	IDHmut_noncodel
47911	RENBP	X	153208518	LGG GBM
47912	RENBP	X	153208518	Oligo
47913	RENBP	X	153208518	Proneural
47914	RENBP	X	153209006	Codel
47915	RENBP	X	153209006	IDHmut
47916	RENBP	X	153209006	IDHmut_codel
47917	RENBP	X	153209006	LGG GBM
47918	RENBP	X	153209006	Oligo
47919	RENBP	X	153209006	Proneural
47920	HCFC1	X	153217334	melanoma
47921	HCFC1	X	153217982	Astr
47922	HCFC1	X	153217982	Classic
47923	HCFC1	X	153217982	Classic like
47924	HCFC1	X	153217982	IDHwt
47925	HCFC1	X	153217982	LGG GBM
47926	HCFC1	X	153220911	melanoma
47927	HCFC1	X	153224828	melanoma
47928	HCFC1	X	153224891	melanoma
47929	HCFC1	X	153229672	melanoma
47930	HCFC1	X	153230034	melanoma
47931	OPN1LW	X	153416202	melanoma
47932	OPN1LW	X	153416202	melanoma
47933	OPN1LW	X	153416202	melanoma
47934	TKTL1	X	153537740	melanoma
47935	TKTL1	X	153553725	melanoma
47936	TKTL1	X	153553725	melanoma
47937	TKTL1	X	153553742	melanoma
47938	FLNA	X	153580728	melanoma
47939	FLNA	X	153586819	melanoma
47940	FLNA	X	153586819	melanoma
47941	FLNA	X	153588445	Classic
47942	FLNA	X	153588445	Gbm
47943	FLNA	X	153588445	IDHwt
47944	FLNA	X	153588445	IDHwt_priGBM
47945	FLNA	X	153588445	LGG GBM
47946	FLNA	X	153588484	Astr
47947	FLNA	X	153588484	IDHwt
47948	FLNA	X	153588484	LGG GBM
47949	FLNA	X	153588484	Mesenchymal
47950	FLNA	X	153588484	Mesenchymal_like
47951	FLNA	X	153595209	melanoma
47952	FLNA	X	153595209	melanoma
47953	ATP6AP1	X	153660705	lung
47954	ATP6AP1	X	153662019	melanoma
47955	PLXNA3	X	153693430	Classic
47956	PLXNA3	X	153693430	IDHwt
47957	PLXNA3	X	153693430	LGG GBM
47958	PLXNA3	X	153693430	Mesenchymal_like
47959	PLXNA3	X	153693430	OligoAstr
47960	PLXNA3	X	153694354	melanoma
47961	FAM3A	X	153741258	lung
47962	G6PD	X	153760436	Gbm
47963	G6PD	X	153760436	IDHwt
47964	G6PD	X	153760436	IDHwt_priGBM
47965	G6PD	X	153760436	LGG GBM

47966	G6PD	X	153760436	Mesenchymal
47967	G6PD	X	153760436	Mesenchymal_like
47968	G6PD	X	153760447	lung
47969	G6PD	X	153762634	Codel
47970	G6PD	X	153762634	IDHmut
47971	G6PD	X	153762634	IDHmut_codel
47972	G6PD	X	153762634	LGG GBM
47973	G6PD	X	153762634	Neural
47974	G6PD	X	153762634	Oligo
47975	CTAG2	X	153880622	melanoma
47976	CTAG2	X	153880882	melanoma
47977	CTAG2	X	153880882	melanoma
47978	GAB3	X	153941632	melanoma
47979	DKC1	X	154003475	melanoma
47980	MPP1	X	154011726	melanoma
47981	MPP1	X	154020085	melanoma
47982	F8	X	154129654	melanoma
47983	F8	X	154158785	melanoma
47984	F8	X	154185266	Gbm
47985	F8	X	154185266	IDHwt
47986	F8	X	154185266	IDHwt_priGBM
47987	F8	X	154185266	LGG GBM
47988	F8	X	154185266	Mesenchymal
47989	F8	X	154185266	Mesenchymal_like
47990	F8	X	154185438	Classic
47991	F8	X	154185438	Gbm
47992	F8	X	154185438	IDHwt
47993	F8	X	154185438	IDHwt_priGBM
47994	F8	X	154185438	LGG GBM
47995	F8	X	154185438	Mesenchymal_like
47996	F8	X	154197765	melanoma
47997	MTCP1	X	154293783	melanoma
47998	MTCP1	X	154293907	Astr
47999	MTCP1	X	154293907	Astr
48000	MTCP1	X	154293907	Classic
48001	MTCP1	X	154293907	Classic
48002	MTCP1	X	154293907	IDHwt
48003	MTCP1	X	154293907	IDHwt
48004	MTCP1	X	154293907	LGG GBM
48005	MTCP1	X	154293907	LGG GBM
48006	MTCP1	X	154293907	Mesenchymal_like
48007	MTCP1	X	154293907	Mesenchymal_like
48008	MTCP1	X	154294183	melanoma
48009	RAB39B	X	154490194	Classic
48010	RAB39B	X	154490194	Classic_like
48011	RAB39B	X	154490194	Gbm
48012	RAB39B	X	154490194	IDHwt
48013	RAB39B	X	154490194	IDHwt_priGBM
48014	RAB39B	X	154490194	LGG GBM
48015	VAMP7	X	155169439	Gbm
48016	VAMP7	X	155169439	Gbm
48017	VAMP7	X	155169439	IDHwt
48018	VAMP7	X	155169439	IDHwt
48019	VAMP7	X	155169439	IDHwt_priGBM
48020	VAMP7	X	155169439	IDHwt_priGBM
48021	VAMP7	X	155169439	LGG GBM
48022	VAMP7	X	155169439	LGG GBM
48023	VAMP7	X	155169439	Mesenchymal

48024	VAMP7	X	155169439	Mesenchymal
48025	VAMP7	X	155169439	Mesenchymal_like
48026	VAMP7	X	155169439	Mesenchymal_like
48027	IL9R	X	155233155	bladder
48028	IL9R	X	155233387	lung
48029	IL9R	X	155233410	melanoma
48030	IL9R	X	155233428	melanoma
48031	IL9R	X	155233428	melanoma
48032	IL9R	X	155233428	melanoma
48033	IL9R	X	155233428	melanoma
48034	IL9R	X	155234982	lung
48035	PCDH11Y	Y	4925489	melanoma
48036	PCDH11Y	Y	4967478	lung
48037	PCDH11Y	Y	4967742	melanoma
48038	PCDH11Y	Y	4967742	melanoma
48039	PCDH11Y	Y	5605460	Classic
48040	PCDH11Y	Y	5605460	Gbm
48041	PCDH11Y	Y	5605460	IDHwt
48042	PCDH11Y	Y	5605460	IDHwt_priGBM
48043	PCDH11Y	Y	5605460	LGG GBM
48044	PCDH11Y	Y	5605715	Classic
48045	PCDH11Y	Y	5605715	Classic
48046	PCDH11Y	Y	5605715	Classic
48047	PCDH11Y	Y	5605715	Classic
48048	PCDH11Y	Y	5605715	Classic
48049	PCDH11Y	Y	5605715	Classic_like
48050	PCDH11Y	Y	5605715	Classic_like
48051	PCDH11Y	Y	5605715	Classic_like
48052	PCDH11Y	Y	5605715	Classic_like
48053	PCDH11Y	Y	5605715	Classic_like
48054	PCDH11Y	Y	5605715	Gbm
48055	PCDH11Y	Y	5605715	Gbm
48056	PCDH11Y	Y	5605715	Gbm
48057	PCDH11Y	Y	5605715	Gbm
48058	PCDH11Y	Y	5605715	Gbm
48059	PCDH11Y	Y	5605715	IDHwt
48060	PCDH11Y	Y	5605715	IDHwt
48061	PCDH11Y	Y	5605715	IDHwt
48062	PCDH11Y	Y	5605715	IDHwt
48063	PCDH11Y	Y	5605715	IDHwt
48064	PCDH11Y	Y	5605715	IDHwt_priGBM
48065	PCDH11Y	Y	5605715	IDHwt_priGBM
48066	PCDH11Y	Y	5605715	IDHwt_priGBM
48067	PCDH11Y	Y	5605715	IDHwt_priGBM
48068	PCDH11Y	Y	5605715	IDHwt_priGBM
48069	PCDH11Y	Y	5605715	LGG GBM
48070	PCDH11Y	Y	5605715	LGG GBM
48071	PCDH11Y	Y	5605715	LGG GBM
48072	PCDH11Y	Y	5605715	LGG GBM
48073	PCDH11Y	Y	5605715	LGG GBM
48074	PCDH11Y	Y	5605940	bladder
48075	PCDH11Y	Y	5605940	bladder