

Supplementary Table 2. List of 1,015 genes used for identification of T cell-inflamed, intermediate, and non-T cell-inflamed tumor subtypes.

Index	GeneSymbol	EntrezGeneID
1	ABCB1	5243
2	ABCD2	225
3	ABCG1	9619
4	ABI3	51225
5	ACAP1	9744
6	ACCS	84680
7	ACP2	53
8	ACP5	54
9	ACSL1	2180
10	ACSL5	51703
11	ACSM5	54988
12	ACSS1	84532
13	ADAM28	10863
14	ADAM6	8755
15	ADAMDEC1	27299
16	ADPRH	141
17	ADRB2	154
18	AGAP2	116986
19	AIF1	199
20	AIM2	9447
21	ALDH1A1	216
22	ALDH3B1	221
23	ALOX15B	247
24	ALOX5AP	241
25	ALOX5	240
26	ALPK1	80216
27	AMICA1	120425
28	AMPD1	270
29	AMPD3	272
30	AMY2B	280
31	ANKRD22	118932
32	ANKRD29	147463
33	ANKRD44	91526
34	ANO9	338440
35	ANXA11	311
36	AOAH	313
37	APBB1IP	54518
38	APOB48R	55911
39	APOC2	344
40	APOL1	8542
41	APOL2	23780
42	APOL3	80833
43	APOL4	80832
44	APOL6	80830
45	AQP9	366
46	ARAP2	116984
47	ARHGAP15	55843
48	ARHGAP25	9938

49	ARHGAP30	257106
50	ARHGAP9	64333
51	ARHGDIB	397
52	ARHGEF1	9138
53	ARHGEF6	9459
54	ARID5A	10865
55	ARL11	115761
56	ARL6IP5	10550
57	ARRDC5	645432
58	ARSA	410
59	ASB2	51676
60	ASCL2	430
61	ATG16L2	89849
62	ATP6V0D2	245972
63	ATP8B4	79895
64	B2M	567
65	B3GALT4	8705
66	BANK1	55024
67	BATF2	116071
68	BATF	10538
69	BCL2A1	597
70	BCL3	602
71	BHLHA15	168620
72	BHLHE41	79365
73	BIN2	51411
74	BIRC3	330
75	BIRC7	79444
76	BLK	640
77	BLNK	29760
78	BPI	671
79	BTG1	694
80	BTK	695
81	BTN3A1	11119
82	BTN3A2	11118
83	BTN3A3	10384
84	C10orf10	11067
85	C10orf11	83938
86	C10orf128	170371
87	C10orf54	64115
88	C11orf21	29125
89	C13orf31	144811
90	C14orf182	283551
91	C14orf64	388011
92	C14orf72	145200
93	C14orf73	91828
94	C15orf48	84419
95	C15orf53	400359
96	C15orf57	90416
97	C16orf54	283897
98	C17orf44	284029
99	C17orf60	284021

100	C17orf87	388325
101	C19orf35	374872
102	C19orf38	255809
103	C1QA	712
104	C1QB	713
105	C1QC	714
106	C1orf127	148345
107	C1orf162	128346
108	C1orf200	644997
109	C1orf228	339541
110	C1orf54	79630
111	C21orf7	56911
112	C21orf96	80215
113	C22orf26	55267
114	C2orf85	285093
115	C2	717
116	C3AR1	719
117	C4orf32	132720
118	C4orf7	260436
119	C5AR1	728
120	C5orf20	140947
121	C5orf39	389289
122	C5orf56	441108
123	C6orf97	80129
124	C8orf80	389643
125	C9orf139	401563
126	CABP4	57010
127	CAPG	822
128	CARD16	114769
129	CARD6	84674
130	CARD9	64170
131	CASP1	834
132	CASP4	837
133	CASP5	838
134	CASS4	57091
135	CBLN3	643866
136	CCDC159	126075
137	CCDC69	26112
138	CCDC88B	283234
139	CCL13	6357
140	CCL17	6361
141	CCL18	6362
142	CCL19	6363
143	CCL1	6346
144	CCL22	6367
145	CCL23	6368
146	CCL24	6369
147	CCL3L1	6349
148	CCL3L3	414062
149	CCL3	6348
150	CCL4L2	388372

151	CCL4	6351
152	CCL5	6352
153	CCR1	1230
154	CCR2	729230
155	CCR4	1233
156	CCR5	1234
157	CCR6	1235
158	CCR7	1236
159	CCR9	10803
160	CCRL2	9034
161	CD14	929
162	CD160	11126
163	CD180	4064
164	CD19	930
165	CD1A	909
166	CD1B	910
167	CD1C	911
168	CD1E	913
169	CD200R1	131450
170	CD207	50489
171	CD209	30835
172	CD226	10666
173	CD22	933
174	CD244	51744
175	CD247	919
176	CD274	29126
177	CD27	939
178	CD28	940
179	CD2	914
180	CD300A	11314
181	CD300C	10871
182	CD300LF	146722
183	CD33	945
184	CD37	951
185	CD38	952
186	CD3D	915
187	CD3E	916
188	CD3G	917
189	CD40LG	959
190	CD40	958
191	CD44	960
192	CD48	962
193	CD4	920
194	CD52	1043
195	CD53	963
196	CD5L	922
197	CD5	921
198	CD68	968
199	CD69	969
200	CD6	923
201	CD72	971

202	CD74	972
203	CD79A	973
204	CD79B	974
205	CD7	924
206	CD80	941
207	CD84	8832
208	CD86	942
209	CD8A	925
210	CD8B	926
211	CD96	10225
212	CEACAM21	90273
213	CEACAM3	1084
214	CEACAM4	1089
215	CEBPA	1050
216	CEBPD	1052
217	CECR1	51816
218	CERKL	375298
219	CETP	1071
220	CHAT	1103
221	CHI3L1	1116
222	CHIT1	1118
223	CIITA	4261
224	CLEC10A	10462
225	CLEC12A	160364
226	CLEC17A	388512
227	CLEC2B	9976
228	CLEC4A	50856
229	CLEC4E	26253
230	CLEC7A	64581
231	CLECL1	160365
232	CLIC2	1193
233	CLIC5	53405
234	CLNK	116449
235	CMAH	8418
236	CMKLR1	1240
237	CMPK2	129607
238	CORO1A	11151
239	COTL1	23406
240	CPM	1368
241	CPNE5	57699
242	CR1	1378
243	CR2	1380
244	CRTAM	56253
245	CSF1R	1436
246	CSF1	1435
247	CSF2RA	1438
248	CSF2RB	1439
249	CSF2	1437
250	CSF3R	1441
251	CST3	1471
252	CST7	8530

253	CSTA	1475
254	CTLA4	1493
255	CTSB	1508
256	CTSC	1075
257	CTSH	1512
258	CTSS	1520
259	CTSW	1521
260	CTSZ	1522
261	CXCL10	3627
262	CXCL11	6373
263	CXCL13	10563
264	CXCL16	58191
265	CXCL9	4283
266	CXCR2P1	3580
267	CXCR3	2833
268	CXCR5	643
269	CXCR6	10663
270	CXorf21	80231
271	CXorf65	158830
272	CYBASC3	220002
273	CYBB	1536
274	CYP27A1	1593
275	CYP27B1	1594
276	CYSLTR1	10800
277	CYSLTR2	57105
278	CYTH1	9267
279	CYTH4	27128
280	CYTIP	9595
281	DAPK2	23604
282	DAPP1	27071
283	DDO	8528
284	DDX60L	91351
285	DDX60	55601
286	DEF6	50619
287	DENND1C	79958
288	DENND2D	79961
289	DERL3	91319
290	DGKA	1606
291	DGKG	1608
292	DHRS9	10170
293	DHX58	79132
294	DNAJC5B	85479
295	DNASE2B	58511
296	DOCK10	55619
297	DOCK2	1794
298	DOCK8	81704
299	DOK2	9046
300	DPEP2	64174
301	DPP7	29952
302	DPYD	1806
303	DTHD1	401124

304	DTX3L	151636
305	DUSP2	1844
306	EBI3	10148
307	EGR2	1959
308	EIF2AK2	5610
309	EMP3	2014
310	EMR1	2015
311	EMR2	30817
312	EMR3	84658
313	EMR4P	326342
314	ERAP2	64167
315	ESR1	2099
316	ETV7	51513
317	EVI2A	2123
318	EVI2B	2124
319	FAIM3	9214
320	FAM115C	285966
321	FAM129C	199786
322	FAM23A	653567
323	FAM26F	441168
324	FAM65B	9750
325	FAM70A	55026
326	FAM78A	286336
327	FASLG	356
328	FAS	355
329	FBP1	2203
330	FBXL8	55336
331	FBXO39	162517
332	FBXO6	26270
333	FCAMR	83953
334	FCAR	2204
335	FCER1G	2207
336	FCER2	2208
337	FCGR1A	2209
338	FCGR1B	2210
339	FCGR1C	100132417
340	FCGR2A	2212
341	FCGR2B	2213
342	FCGR2C	9103
343	FCN1	2219
344	FCRL1	115350
345	FCRL2	79368
346	FCRL3	115352
347	FCRL4	83417
348	FCRL5	83416
349	FCRL6	343413
350	FCRLA	84824
351	FER1L4	80307
352	FERMT3	83706
353	FGD2	221472
354	FGF7	2252

355	FGL2	10875
356	FGR	2268
357	FHAD1	114827
358	FLI1	2313
359	FLJ40330	645784
360	FLT3LG	2323
361	FLT3	2322
362	FMNL1	752
363	FMO2	2327
364	FMO3	2328
365	FOXD4L6	653404
366	FOXP3	50943
367	FPR1	2357
368	FPR2	2358
369	FPR3	2359
370	FTH1	2495
371	FTHL3	2498
372	FTL	2512
373	FUT7	2529
374	FXYD2	486
375	FYB	2533
376	GAB3	139716
377	GADD45G	10912
378	GAPT	202309
379	GBP1	2633
380	GBP2	2634
381	GBP3	2635
382	GBP4	115361
383	GBP5	115362
384	GFI1	2672
385	GGT5	2687
386	GGTA1	2681
387	GIMAP1	170575
388	GIMAP2	26157
389	GIMAP4	55303
390	GIMAP5	55340
391	GIMAP6	474344
392	GIMAP7	168537
393	GIMAP8	155038
394	GJD3	125111
395	GLIPR1	11010
396	GLRX	2745
397	GM2A	2760
398	GMFG	9535
399	GNA15	2769
400	GNGT2	2793
401	GNLY	10578
402	GP1BA	2811
403	GPNMB	10457
404	GPR132	29933
405	GPR141	353345

406	GPR150	285601
407	GPR155	151556
408	GPR15	2838
409	GPR171	29909
410	GPR174	84636
411	GPR183	1880
412	GPR18	2841
413	GPR65	8477
414	GPR68	8111
415	GPR77	27202
416	GPR84	53831
417	GPRIN3	285513
418	GPSM3	63940
419	GRAMD1B	57476
420	GRAP2	9402
421	GRAP	10750
422	GRIN3A	116443
423	GSDMA	284110
424	GSTK1	373156
425	GVIN1	387751
426	GZMA	3001
427	GZMB	3002
428	GZMH	2999
429	GZMK	3003
430	GZMM	3004
431	HAMP	57817
432	HAPLN3	145864
433	HAVCR2	84868
434	HCG26	352961
435	HCG27	253018
436	HCG4	54435
437	HCK	3055
438	HCLS1	3059
439	HCP5	10866
440	HCST	10870
441	HERC6	55008
442	HK3	3101
443	HLA-A	3105
444	HLA-B	3106
445	HLA-C	3107
446	HLA-DMA	3108
447	HLA-DMB	3109
448	HLA-DOA	3111
449	HLA-DOB	3112
450	HLA-DPA1	3113
451	HLA-DPB1	3115
452	HLA-DQA1	3117
453	HLA-DQA2	3118
454	HLA-DQB1	3119
455	HLA-DQB2	3120
456	HLA-DRA	3122

457	HLA-DRB1	3123
458	HLA-DRB5	3127
459	HLA-DRB6	3128
460	HLA-E	3133
461	HLA-F	3134
462	HLA-H	3136
463	HMHB1	57824
464	HS3ST2	9956
465	HSD11B1	3290
466	HSD3B7	80270
467	HSH2D	84941
468	HTRA4	203100
469	ICAM1	3383
470	ICAM2	3384
471	ICOS	29851
472	IDO1	3620
473	IDO2	169355
474	IFI16	3428
475	IFI27L2	83982
476	IFI27	3429
477	IFI30	10437
478	IFI35	3430
479	IFI44L	10964
480	IFI44	10561
481	IFI6	2537
482	IFIH1	64135
483	IFIT1	3434
484	IFIT2	3433
485	IFIT3	3437
486	IFIT5	24138
487	IFNGR2	3460
488	IFNG	3458
489	IGJ	3512
490	IGSF6	10261
491	IKBKE	9641
492	IKZF1	10320
493	IKZF3	22806
494	IL10RA	3587
495	IL10	3586
496	IL12RB1	3594
497	IL12RB2	3595
498	IL15RA	3601
499	IL16	3603
500	IL17REL	400935
501	IL18BP	10068
502	IL18R1	8809
503	IL18RAP	8807
504	IL18	3606
505	IL1B	3553
506	IL1R1	3554
507	IL1R2	7850

508	IL21R	50615
509	IL23R	149233
510	IL24	11009
511	IL26	55801
512	IL27	246778
513	IL29	282618
514	IL2RA	3559
515	IL2RB	3560
516	IL2RG	3561
517	IL32	9235
518	IL33	90865
519	IL3RA	3563
520	IL4I1	259307
521	IL7R	3575
522	IL7	3574
523	INPP4B	8821
524	IPCEF1	26034
525	IRAK3	11213
526	IRF1	3659
527	IRF2	3660
528	IRF4	3662
529	IRF5	3663
530	IRF7	3665
531	IRF8	3394
532	IRF9	10379
533	ISG15	9636
534	ISG20	3669
535	ITGA4	3676
536	ITGAD	3681
537	ITGAL	3683
538	ITGAM	3684
539	ITGAX	3687
540	ITGB2	3689
541	ITGB7	3695
542	ITK	3702
543	JAK3	3718
544	JAKMIP1	152789
545	JSRP1	126306
546	KCNA3	3738
547	KCNAB2	8514
548	KCNE1	3753
549	KCNJ10	3766
550	KCNJ5	3762
551	KCNMA1	3778
552	KCNN4	3783
553	KIAA0125	9834
554	KIAA0748	9840
555	KIR2DL1	3802
556	KIR2DL3	3804
557	KIR2DL4	3805
558	KIR2DS4	3809

559	KIR3DL1	3811
560	KIR3DL2	3812
561	KIR3DX1	90011
562	KLF2	10365
563	KLHDC7B	113730
564	KLHL6	89857
565	KLRB1	3820
566	KLRC1	3821
567	KLRC2	3822
568	KLRC3	3823
569	KLRC4	8302
570	KLRD1	3824
571	KLRF1	51348
572	KLRK1	22914
573	KMO	8564
574	KRT36	8689
575	KYNU	8942
576	LAG3	3902
577	LAIR1	3903
578	LAIR2	3904
579	LAMP3	27074
580	LAPTM5	7805
581	LAT2	7462
582	LAT	27040
583	LAX1	54900
584	LCK	3932
585	LCNL1	401562
586	LCP2	3937
587	LGALS2	3957
588	LGALS3BP	3959
589	LGALS3	3958
590	LGALS9C	654346
591	LGALS9	3965
592	LILRA1	11024
593	LILRA2	11027
594	LILRA4	23547
595	LILRA6	79168
596	LILRB1	10859
597	LILRB2	10288
598	LILRB3	11025
599	LILRB4	11006
600	LIME1	54923
601	LIPA	3988
602	LOC100130872	100130872
603	LOC100188949	100188949
604	LOC100233209	100233209
605	LOC100272216	100272216
606	LOC115110	115110
607	LOC150381	150381
608	LOC153684	153684
609	LOC154761	154761

610	LOC283663	283663
611	LOC285830	285830
612	LOC339524	339524
613	LOC400696	400696
614	LOC400759	400759
615	LOC606724	606724
616	LOC728989	728989
617	LOC729678	729678
618	LOC96610	96610
619	LPXN	9404
620	LRMP	4033
621	LRRC25	126364
622	LRRK2	120892
623	LSP1	4046
624	LST1	7940
625	LTA	4049
626	LTB	4050
627	LTF	4057
628	LY86	9450
629	LY96	23643
630	LY9	4063
631	LYL1	4066
632	LYSMD2	256586
633	LYST	1130
634	LYZ	4069
635	MAFB	9935
636	MAL	4118
637	MAP3K5	4217
638	MARCH1	55016
639	MARCO	8685
640	MBD2	8932
641	MBNL1	4154
642	MCOLN2	255231
643	MCTP1	79772
644	MDS2	259283
645	MEF2B	100271849
646	MEI1	150365
647	MFNG	4242
648	MGC29506	51237
649	MIR155HG	114614
650	MMP12	4321
651	MMP9	4318
652	MNDA	4332
653	MPEG1	219972
654	MR1	3140
655	MRC1	4360
656	MS4A1	931
657	MSRA	4482
658	MVP	9961
659	MX1	4599
660	MX2	4600

661	MYEOV	26579
662	MYO1F	4542
663	MYO7A	4647
664	N4BP2L1	90634
665	NAAA	27163
666	NAALADL1	10004
667	NAPSA	9476
668	NAPSB	256236
669	NCF1B	654816
670	NCF1C	654817
671	NCF1	653361
672	NCF2	4688
673	NCF4	4689
674	NCKAP1L	3071
675	NCR3	259197
676	NEURL3	93082
677	NFAM1	150372
678	NFATC1	4772
679	NFATC2	4773
680	NINJ1	4814
681	NKG7	4818
682	NLRC3	197358
683	NLRC5	84166
684	NLRP1	22861
685	NLRP3	114548
686	NLRP6	171389
687	NOD2	64127
688	NPL	80896
689	NR1H3	10062
690	NUPR1	26471
691	OAS1	4938
692	OAS2	4939
693	OAS3	4940
694	OASL	8638
695	ODF3B	440836
696	OGFRL1	79627
697	OR52N4	390072
698	ORM1	5004
699	OSCAR	126014
700	OSGIN1	29948
701	OSM	5008
702	OTOF	9381
703	P2RX1	5023
704	P2RX7	5027
705	P2RY10	27334
706	P2RY12	64805
707	P2RY13	53829
708	P2RY14	9934
709	P2RY6	5031
710	P2RY8	286530
711	PADI2	11240

712	PARP10	84875
713	PARP14	54625
714	PARP15	165631
715	PARP9	83666
716	PARVG	64098
717	PATL2	197135
718	PDCD1LG2	80380
719	PDCD1	5133
720	PECAM1	5175
721	PIK3CG	5294
722	PIK3IP1	113791
723	PIK3R6	146850
724	PILRA	29992
725	PION	54103
726	PKD2L1	9033
727	PKHD1L1	93035
728	PLA1A	51365
729	PLA2G2D	26279
730	PLA2G4C	8605
731	PLA2G7	7941
732	PLAC8	51316
733	PLAUR	5329
734	PLCB2	5330
735	PLCG2	5336
736	PLCH2	9651
737	PLD4	122618
738	PLEKHF1	79156
739	PLEK	5341
740	PLXNC1	10154
741	PNOC	5368
742	PNPLA7	375775
743	POLD4	57804
744	POU2AF1	5450
745	POU2F2	5452
746	PPM1M	132160
747	PRAM1	84106
748	PRDM8	56978
749	PRF1	5551
750	PRKCB	5579
751	PSD4	23550
752	PSMB10	5699
753	PSMB8	5696
754	PSMB9	5698
755	PSME1	5720
756	PSTPIP1	9051
757	PSTPIP2	9050
758	PTAFR	5724
759	PTCRA	171558
760	PTGDS	5730
761	PTGER2	5732
762	PTGER4	5734

763	PTGIR	5739
764	PTK2B	2185
765	PTPN18	26469
766	PTPN22	26191
767	PTPN7	5778
768	PTPRCAP	5790
769	PTPRC	5788
770	PTPRE	5791
771	PYCARD	29108
772	PYHIN1	149628
773	RAB20	55647
774	RAB33A	9363
775	RAC2	5880
776	RAMP3	10268
777	RARRES1	5918
778	RARRES3	5920
779	RASA3	22821
780	RASAL3	64926
781	RASGRF1	5923
782	RASGRP1	10125
783	RASGRP3	25780
784	RASSF4	83937
785	RASSF5	83593
786	RBP5	83758
787	RCSD1	92241
788	RELB	5971
789	RFTN1	23180
790	RGL4	266747
791	RGS13	6003
792	RGS18	64407
793	RGS1	5996
794	RHOH	399
795	RIPK3	11035
796	RNASE6	6039
797	RNF144B	255488
798	RRAS	6237
799	RSAD2	91543
800	RTP4	64108
801	RUFY4	285180
802	RUNX3	864
803	S100A4	6275
804	S1PR4	8698
805	SAMD3	154075
806	SAMD9L	219285
807	SAMD9	54809
808	SAMSN1	64092
809	SASH3	54440
810	SCML4	256380
811	SECTM1	6398
812	SEL1L3	23231
813	SELE	6401

814	SELL	6402
815	SELPLG	6404
816	SEPT1	1731
817	SERPINA1	5265
818	SERPINB8	5271
819	SERPING1	710
820	SH2D1A	4068
821	SH2D1B	117157
822	SH2D3C	10044
823	SH3BGRL	6451
824	SH3TC1	54436
825	SIDT1	54847
826	SIGLEC10	89790
827	SIGLEC12	89858
828	SIGLEC14	100049587
829	SIGLEC15	284266
830	SIGLEC1	6614
831	SIGLEC5	8778
832	SIGLEC6	946
833	SIGLEC7	27036
834	SIGLEC8	27181
835	SIGLEC9	27180
836	SIL1	64374
837	SIPA1	6494
838	SIRPA	140885
839	SIRPB1	10326
840	SIRPB2	284759
841	SIRPG	55423
842	SIT1	27240
843	SKAP1	8631
844	SLA2	84174
845	SLAMF1	6504
846	SLAMF6	114836
847	SLAMF7	57823
848	SLAMF8	56833
849	SLA	6503
850	SLC15A3	51296
851	SLC18A1	6570
852	SLC22A18AS	5003
853	SLC2A5	6518
854	SLC2A6	11182
855	SLC2A9	56606
856	SLC31A2	1318
857	SLC37A2	219855
858	SLC46A3	283537
859	SLC6A12	6539
860	SLC7A7	9056
861	SLC9A9	285195
862	SLCO2B1	11309
863	SLFN12L	342615
864	SLFN14	342618

865	SMAP2	64744
866	SNX20	124460
867	SOD2	6648
868	SP100	6672
869	SP110	3431
870	SP140L	93349
871	SP140	11262
872	SPAG4	6676
873	SPATC1	375686
874	SPI1	6688
875	SPIB	6689
876	SPNS3	201305
877	SPN	6693
878	SPOCK2	9806
879	SQRDL	58472
880	SRGN	5552
881	ST3GAL5	8869
882	STAP1	26228
883	STARD5	80765
884	STAT1	6772
885	STAT2	6773
886	STAT4	6775
887	STAT5A	6776
888	STX11	8676
889	SUCNR1	56670
890	SULT1C2	6819
891	SYK	6850
892	SYTL1	84958
893	SYTL3	94120
894	TAGAP	117289
895	TAP1	6890
896	TAP2	6891
897	TAPBPL	55080
898	TAPBP	6892
899	TARP	445347
900	TAS1R3	83756
901	TBC1D10C	374403
902	TBX21	30009
903	TBXAS1	6916
904	TCIRG1	10312
905	TCN2	6948
906	TDO2	6999
907	TFEB	7942
908	TFEC	22797
909	THEMIS	387357
910	TICAM2	353376
911	TIFAB	497189
912	TIFA	92610
913	TIGIT	201633
914	TIMD4	91937
915	TLR10	81793

916	TLR1	7096
917	TLR2	7097
918	TLR4	7099
919	TLR5	7100
920	TLR6	10333
921	TLR7	51284
922	TLR8	51311
923	TLR9	54106
924	TM7SF4	81501
925	TMC8	147138
926	TMCO4	255104
927	TMEM140	55281
928	TMEM149	79713
929	TMEM150B	284417
930	TMEM156	80008
931	TMEM163	81615
932	TMEM176A	55365
933	TMEM176B	28959
934	TMEM71	137835
935	TMEM86A	144110
936	TMIGD2	126259
937	TNFAIP2	7127
938	TNFAIP3	7128
939	TNFAIP8L2	79626
940	TNFAIP8	25816
941	TNFRSF13B	23495
942	TNFRSF13C	115650
943	TNFRSF14	8764
944	TNFRSF17	608
945	TNFRSF18	8784
946	TNFRSF1B	7133
947	TNFRSF4	7293
948	TNFRSF9	3604
949	TNFSF10	8743
950	TNFSF12-TNFSF13	407977
951	TNFSF12	8742
952	TNFSF13B	10673
953	TNFSF13	8741
954	TNFSF14	8740
955	TNFSF15	9966
956	TNFSF8	944
957	TNF	7124
958	TNIP3	79931
959	TNNI2	7136
960	TRADD	8717
961	TRAF1	7185
962	TRAF3IP3	80342
963	TRAT1	50852
964	TREM2	54209
965	TREX1	11277
966	TRIM22	10346

967	TRIM47	91107
968	TRIM69	140691
969	TRPV2	51393
970	TSHR	7253
971	TSPAN32	10077
972	TSPO	706
973	TTC16	158248
974	TTC24	164118
975	TUBA4A	7277
976	TXNIP	10628
977	TYMP	1890
978	TYROBP	7305
979	UBA7	7318
980	UBASH3A	53347
981	UBD	10537
982	UBE2L6	9246
983	UCP2	7351
984	UNC13D	201294
985	USP18	11274
986	VAMP5	10791
987	VAV1	7409
988	VCAM1	7412
989	VDR	7421
990	VNN1	8876
991	VNN2	8875
992	VPREB3	29802
993	VSIG4	11326
994	WAS	7454
995	WDFY4	57705
996	WIPF1	7456
997	WNT10A	80326
998	XAF1	54739
999	XCL1	6375
1000	XCL2	6846
1001	XCR1	2829
1002	ZAP70	7535
1003	ZBED2	79413
1004	ZBP1	81030
1005	ZBTB32	27033
1006	ZC3H12D	340152
1007	ZFYVE28	57732
1008	ZG16B	124220
1009	ZMYND15	84225
1010	ZNF366	167465
1011	ZNF683	257101
1012	ZNF688	146542
1013	ZNF804A	91752
1014	ZNF80	7634
1015	ZNF831	128611