

1	A1BG
2	A1CF
3	A2M
4	A2ML1
5	A3GALT2
6	A4GALT
7	A4GNT
8	AAAS
9	AACS
10	AADAC
11	AADACL2
12	AADACL3
13	AADACL4
14	AADAT
15	AAGAB
16	AAK1
17	AAMDC
18	AAMP
19	AANAT
20	AAR2
21	AARD
22	AARS1
23	AARS2
24	AARSD1
25	AASDH
26	AASDHPPT
27	AASS
28	AATF
29	AATK
30	ABAT
31	ABCA1
32	ABCA10
33	ABCA12
34	ABCA13
35	ABCA2
36	ABCA3
37	ABCA4
38	ABCA5
39	ABCA6
40	ABCA7
41	ABCA8
42	ABCA9
43	ABCB1

44	ABCB10
45	ABCB11
46	ABCB4
47	ABCB5
48	ABCB6
49	ABCB7
50	ABCB8
51	ABCB9
52	ABCC1
53	ABCC10
54	ABCC11
55	ABCC12
56	ABCC2
57	ABCC3
58	ABCC4
59	ABCC5
60	ABCC6
61	ABCC8
62	ABCC9
63	ABCD1
64	ABCD2
65	ABCD3
66	ABCD4
67	ABCE1
68	ABCF1
69	ABCF2
70	ABCF3
71	ABCG1
72	ABCG2
73	ABCG4
74	ABCG5
75	ABCG8
76	ABHD1
77	ABHD10
78	ABHD11
79	ABHD12
80	ABHD12B
81	ABHD13
82	ABHD14A
83	ABHD14B
84	ABHD15
85	ABHD16A
86	ABHD16B

87	ABHD17A
88	ABHD17B
89	ABHD17C
90	ABHD18
91	ABHD2
92	ABHD3
93	ABHD4
94	ABHD5
95	ABHD6
96	ABHD8
97	ABI1
98	ABI2
99	ABI3
100	ABI3BP
101	ABITRAM
102	ABL1
103	ABL2
104	ABLIM1
105	ABLIM2
106	ABLIM3
107	ABO
108	ABR
109	ABRA
110	ABRACL
111	ABRAXAS1
112	ABRAXAS2
113	ABT1
114	ABTB1
115	ABTB2
116	ABTB3
117	ACAA1
118	ACAA2
119	ACACA
120	ACACB
121	ACAD10
122	ACAD11
123	ACAD8
124	ACAD9
125	ACADL
126	ACADM
127	ACADS
128	ACADSB
129	ACADVL

130	ACAN
131	ACAP1
132	ACAP2
133	ACAP3
134	ACAT1
135	ACAT2
136	ACBD3
137	ACBD4
138	ACBD5
139	ACBD6
140	ACBD7
141	ACCS
142	ACCSL
143	ACD
144	ACE
145	ACE2
146	ACER1
147	ACER2
148	ACER3
149	ACHE
150	ACIN1
151	ACKR1
152	ACKR2
153	ACKR3
154	ACKR4
155	ACLY
156	ACMSD
157	ACO1
158	ACO2
159	ACOD1
160	ACOT1
161	ACOT11
162	ACOT12
163	ACOT13
164	ACOT2
165	ACOT4
166	ACOT6
167	ACOT7
168	ACOT8
169	ACOT9
170	ACOX1
171	ACOX2
172	ACOX3

173	ACOXL
174	ACP1
175	ACP2
176	ACP3
177	ACP4
178	ACP5
179	ACP6
180	ACP7
181	ACR
182	ACRBP
183	ACRV1
184	ACSBG1
185	ACSBG2
186	ACSF2
187	ACSF3
188	ACSL1
189	ACSL3
190	ACSL4
191	ACSL5
192	ACSL6
193	ACSM1
194	ACSM2A
195	ACSM2B
196	ACSM3
197	ACSM4
198	ACSM5
199	ACSM6
200	ACSS1
201	ACSS2
202	ACSS3
203	ACTA1
204	ACTA2
205	ACTBL2
206	ACTC1
207	ACTG1
208	ACTG2
209	ACTL10
210	ACTL6A
211	ACTL6B
212	ACTL7A
213	ACTL7B
214	ACTL8
215	ACTL9

216	ACTMAP
217	ACTN1
218	ACTN2
219	ACTN3
220	ACTN4
221	ACTR10
222	ACTR1A
223	ACTR1B
224	ACTR2
225	ACTR3
226	ACTR3B
227	ACTR3C
228	ACTR5
229	ACTR6
230	ACTR8
231	ACTRT1
232	ACTRT2
233	ACTRT3
234	ACVR1
235	ACVR1B
236	ACVR1C
237	ACVR2A
238	ACVR2B
239	ACVRL1
240	ACY1
241	ACY3
242	ACYP1
243	ACYP2
244	ADA
245	ADA2
246	ADAD1
247	ADAD2
248	ADAL
249	ADAM10
250	ADAM11
251	ADAM12
252	ADAM15
253	ADAM17
254	ADAM18
255	ADAM19
256	ADAM2
257	ADAM20
258	ADAM21

259	ADAM22
260	ADAM23
261	ADAM28
262	ADAM29
263	ADAM30
264	ADAM32
265	ADAM33
266	ADAM7
267	ADAM8
268	ADAM9
269	ADAMDEC1
270	ADAMTS1
271	ADAMTS10
272	ADAMTS12
273	ADAMTS13
274	ADAMTS14
275	ADAMTS15
276	ADAMTS16
277	ADAMTS17
278	ADAMTS18
279	ADAMTS19
280	ADAMTS2
281	ADAMTS20
282	ADAMTS3
283	ADAMTS4
284	ADAMTS5
285	ADAMTS6
286	ADAMTS7
287	ADAMTS8
288	ADAMTS9
289	ADAMTSL1
290	ADAMTSL2
291	ADAMTSL3
292	ADAMTSL4
293	ADAMTSL5
294	ADAP1
295	ADAP2
296	ADAR
297	ADARB1
298	ADARB2
299	ADAT1
300	ADAT2
301	ADAT3

302	ADCK1
303	ADCK2
304	ADCK5
305	ADCY1
306	ADCY10
307	ADCY2
308	ADCY3
309	ADCY4
310	ADCY5
311	ADCY6
312	ADCY7
313	ADCY8
314	ADCY9
315	ADCYAP1
316	ADCYAP1R1
317	ADD1
318	ADD2
319	ADD3
320	ADGB
321	ADGRA1
322	ADGRA2
323	ADGRA3
324	ADGRB1
325	ADGRB2
326	ADGRB3
327	ADGRD1
328	ADGRD2
329	ADGRE1
330	ADGRE2
331	ADGRE3
332	ADGRE5
333	ADGRF1
334	ADGRF3
335	ADGRF4
336	ADGRF5
337	ADGRG1
338	ADGRG2
339	ADGRG3
340	ADGRG4
341	ADGRG5
342	ADGRG6
343	ADGRG7
344	ADGRL1

345	ADGRL2
346	ADGRL3
347	ADGRL4
348	ADGRV1
349	ADH1A
350	ADH1B
351	ADH1C
352	ADH4
353	ADH5
354	ADH6
355	ADH7
356	ADHFE1
357	ADI1
358	ADIG
359	ADIPOQ
360	ADIPOR1
361	ADIPOR2
362	ADIRF
363	ADISSP
364	ADK
365	ADM
366	ADM2
367	ADM5
368	ADNP
369	ADNP2
370	ADO
371	ADORA1
372	ADORA2A
373	ADORA2B
374	ADORA3
375	ADPGK
376	ADPRH
377	ADPRHL1
378	ADPRM
379	ADPRS
380	ADRA1A
381	ADRA1B
382	ADRA1D
383	ADRA2A
384	ADRA2B
385	ADRA2C
386	ADRB1
387	ADRB2

388	ADRB3
389	ADRM1
390	ADSL
391	ADSS1
392	ADSS2
393	ADTRP
394	AEBP1
395	AEBP2
396	AEN
397	AFAP1
398	AFAP1L1
399	AFAP1L2
400	AFDN
401	AFF1
402	AFF2
403	AFF3
404	AFF4
405	AFG1L
406	AFG2A
407	AFG2B
408	AFG3L2
409	AFM
410	AFMID
411	AFP
412	AFTPH
413	AGA
414	AGAP1
415	AGAP2
416	AGAP3
417	AGAP4
418	AGAP5
419	AGAP6
420	AGAP9
421	AGBL1
422	AGBL2
423	AGBL3
424	AGBL4
425	AGBL5
426	AGER
427	AGFG1
428	AGFG2
429	AGGF1
430	AGK

431	AGL
432	AGMAT
433	AGMO
434	AGO1
435	AGO2
436	AGO3
437	AGO4
438	AGPAT1
439	AGPAT2
440	AGPAT3
441	AGPAT4
442	AGPAT5
443	AGPS
444	AGR2
445	AGR3
446	AGRN
447	AGRP
448	AGT
449	AGTPBP1
450	AGTR1
451	AGTR2
452	AGTRAP
453	AGXT
454	AGXT2
455	AHCTF1
456	AHCY
457	AHCYL1
458	AHCYL2
459	AHDC1
460	AHI1
461	AHNAK
462	AHNAK2
463	AHR
464	AHRR
465	AHSA1
466	AHSG
467	AHSP
468	AICDA
469	AIDA
470	AIF1
471	AIF1L
472	AIFM1
473	AIFM2

474	AIFM3
475	AIG1
476	AIM2
477	AIMP1
478	AIMP2
479	AIP
480	AIPL1
481	AIRE
482	AIRIM
483	AJAP1
484	AJM1
485	AJUBA
486	AK1
487	AK2
488	AK3
489	AK4
490	AK5
491	AK6
492	AK7
493	AK8
494	AK9
495	AKAIN1
496	AKAP1
497	AKAP10
498	AKAP11
499	AKAP12
500	AKAP13
501	AKAP14
502	AKAP17A
503	AKAP3
504	AKAP4
505	AKAP5
506	AKAP6
507	AKAP7
508	AKAP8
509	AKAP8L
510	AKAP9
511	AKIP1
512	AKIRIN1
513	AKIRIN2
514	AKNA
515	AKNAD1
516	AKR1A1

517	AKR1B1
518	AKR1B10
519	AKR1B15
520	AKR1C1
521	AKR1C2
522	AKR1C3
523	AKR1C4
524	AKR1C8
525	AKR1D1
526	AKR1E2
527	AKR7A2
528	AKR7A3
529	AKR7L
530	AKT1
531	AKT1S1
532	AKT2
533	AKT3
534	AKTIP
535	ALAD
536	ALAS1
537	ALAS2
538	ALB
539	ALCAM
540	ALDH16A1
541	ALDH18A1
542	ALDH1A1
543	ALDH1A2
544	ALDH1A3
545	ALDH1B1
546	ALDH1L1
547	ALDH1L2
548	ALDH2
549	ALDH3A1
550	ALDH3A2
551	ALDH3B1
552	ALDH3B2
553	ALDH4A1
554	ALDH5A1
555	ALDH6A1
556	ALDH7A1
557	ALDH8A1
558	ALDH9A1
559	ALDOA

560	ALDOB
561	ALDOC
562	ALG1
563	ALG10
564	ALG10B
565	ALG11
566	ALG12
567	ALG13
568	ALG14
569	ALG1L2
570	ALG2
571	ALG3
572	ALG5
573	ALG6
574	ALG8
575	ALG9
576	ALK
577	ALKAL1
578	ALKAL2
579	ALKBH1
580	ALKBH2
581	ALKBH3
582	ALKBH4
583	ALKBH5
584	ALKBH6
585	ALKBH7
586	ALKBH8
587	ALLC
588	ALMS1
589	ALOX12
590	ALOX12B
591	ALOX15
592	ALOX15B
593	ALOX5
594	ALOX5AP
595	ALOXE3
596	ALPG
597	ALPI
598	ALPK1
599	ALPK2
600	ALPK3
601	ALPL
602	ALPP

603	ALS2
604	ALS2CL
605	ALX1
606	ALX3
607	ALX4
608	ALYREF
609	AMACR
610	AMBN
611	AMBP
612	AMBRA1
613	AMD1
614	AMDHD1
615	AMDHD2
616	AMELX
617	AMELY
618	AMER1
619	AMER2
620	AMER3
621	AMFR
622	AMH
623	AMHR2
624	AMIGO1
625	AMIGO2
626	AMIGO3
627	AMMECR1
628	AMMECR1L
629	AMN
630	AMN1
631	AMOT
632	AMOTL1
633	AMOTL2
634	AMPD1
635	AMPD2
636	AMPD3
637	AMPH
638	AMT
639	AMTN
640	AMY1A
641	AMY1C
642	AMY2A
643	AMY2B
644	AMZ1
645	AMZ2

646	ANAPC1
647	ANAPC10
648	ANAPC11
649	ANAPC13
650	ANAPC15
651	ANAPC16
652	ANAPC2
653	ANAPC4
654	ANAPC5
655	ANAPC7
656	ANG
657	ANGEL1
658	ANGEL2
659	ANGPT1
660	ANGPT2
661	ANGPT4
662	ANGPTL1
663	ANGPTL2
664	ANGPTL3
665	ANGPTL4
666	ANGPTL5
667	ANGPTL6
668	ANGPTL7
669	ANGPTL8
670	ANHX
671	ANK1
672	ANK2
673	ANK3
674	ANKAR
675	ANKDD1A
676	ANKDD1B
677	ANKEF1
678	ANKFN1
679	ANKFY1
680	ANKH
681	ANKHD1
682	ANKIB1
683	ANKK1
684	ANKLE1
685	ANKLE2
686	ANKMY1
687	ANKMY2
688	ANKRA2

689	ANKRD1
690	ANKRD10
691	ANKRD11
692	ANKRD12
693	ANKRD13A
694	ANKRD13B
695	ANKRD13C
696	ANKRD13D
697	ANKRD16
698	ANKRD17
699	ANKRD18A
700	ANKRD18B
701	ANKRD2
702	ANKRD20A1
703	ANKRD22
704	ANKRD23
705	ANKRD24
706	ANKRD26
707	ANKRD27
708	ANKRD28
709	ANKRD29
710	ANKRD30A
711	ANKRD30B
712	ANKRD30BL
713	ANKRD31
714	ANKRD33
715	ANKRD33B
716	ANKRD34A
717	ANKRD34B
718	ANKRD34C
719	ANKRD35
720	ANKRD36
721	ANKRD36B
722	ANKRD36C
723	ANKRD37
724	ANKRD39
725	ANKRD40
726	ANKRD40CL
727	ANKRD42
728	ANKRD44
729	ANKRD45
730	ANKRD46
731	ANKRD49

732	ANKRD50
733	ANKRD52
734	ANKRD53
735	ANKRD54
736	ANKRD55
737	ANKRD6
738	ANKRD60
739	ANKRD61
740	ANKRD62
741	ANKRD63
742	ANKRD65
743	ANKRD66
744	ANKRD7
745	ANKRD9
746	ANKS1A
747	ANKS1B
748	ANKS3
749	ANKS4B
750	ANKS6
751	ANKUB1
752	ANKZF1
753	ANLN
754	ANO1
755	ANO10
756	ANO2
757	ANO3
758	ANO4
759	ANO5
760	ANO6
761	ANO7
762	ANO8
763	ANO9
764	ANOS1
765	ANP32A
766	ANP32B
767	ANP32D
768	ANP32E
769	ANPEP
770	ANTKMT
771	ANTXR1
772	ANTXR2
773	ANTXRL
774	ANXA1

775	ANXA10
776	ANXA11
777	ANXA13
778	ANXA2
779	ANXA2R
780	ANXA3
781	ANXA4
782	ANXA5
783	ANXA6
784	ANXA7
785	ANXA8
786	ANXA8L1
787	ANXA9
788	AOAH
789	AOC1
790	AOC2
791	AOC3
792	AOPEP
793	AOX1
794	AP1AR
795	AP1B1
796	AP1G1
797	AP1G2
798	AP1M1
799	AP1M2
800	AP1S1
801	AP1S2
802	AP1S3
803	AP2A1
804	AP2A2
805	AP2B1
806	AP2M1
807	AP2S1
808	AP3B1
809	AP3B2
810	AP3D1
811	AP3M1
812	AP3M2
813	AP3S1
814	AP3S2
815	AP4B1
816	AP4E1
817	AP4M1

818	AP4S1
819	AP5B1
820	AP5M1
821	AP5S1
822	AP5Z1
823	APAF1
824	APBA1
825	APBA2
826	APBA3
827	APBB1
828	APBB1IP
829	APBB2
830	APBB3
831	APC
832	APC2
833	APCDD1
834	APCDD1L
835	APCS
836	APEH
837	APELA
838	APEX1
839	APEX2
840	APH1A
841	APH1B
842	API5
843	APIP
844	APLF
845	APLN
846	APLNR
847	APLP1
848	APLP2
849	APMAP
850	APOA1
851	APOA2
852	APOA4
853	APOA5
854	APOB
855	APOBEC1
856	APOBEC2
857	APOBEC3A
858	APOBEC3A_B
859	APOBEC3B
860	APOBEC3C

861	APOBEC3D
862	APOBEC3F
863	APOBEC3G
864	APOBEC3H
865	APOBEC4
866	APOBR
867	APOC1
868	APOC2
869	APOC3
870	APOC4
871	APOD
872	APOE
873	APOF
874	APOH
875	APOL1
876	APOL2
877	APOL3
878	APOL4
879	APOL5
880	APOL6
881	APOLD1
882	APOM
883	APOO
884	APOOL
885	APP
886	APPBP2
887	APPL1
888	APPL2
889	APRT
890	APT
891	AQP1
892	AQP10
893	AQP11
894	AQP12A
895	AQP12B
896	AQP2
897	AQP3
898	AQP4
899	AQP5
900	AQP6
901	AQP7
902	AQP7B
903	AQP8

904	AQP9
905	AQR
906	AR
907	ARAF
908	ARAP1
909	ARAP2
910	ARAP3
911	ARC
912	ARCN1
913	AREG
914	AREL1
915	ARF1
916	ARF3
917	ARF4
918	ARF5
919	ARF6
920	ARFGAP1
921	ARFGAP2
922	ARFGAP3
923	ARFGEF1
924	ARFGEF2
925	ARFGEF3
926	ARFIP1
927	ARFIP2
928	ARFRP1
929	ARG1
930	ARG2
931	ARGFX
932	ARGLU1
933	ARHGAP1
934	ARHGAP10
935	ARHGAP11A
936	ARHGAP11B
937	ARHGAP12
938	ARHGAP15
939	ARHGAP17
940	ARHGAP18
941	ARHGAP19
942	ARHGAP20
943	ARHGAP21
944	ARHGAP22
945	ARHGAP23
946	ARHGAP24

947	ARHGAP25
948	ARHGAP26
949	ARHGAP27
950	ARHGAP28
951	ARHGAP29
952	ARHGAP30
953	ARHGAP31
954	ARHGAP32
955	ARHGAP33
956	ARHGAP35
957	ARHGAP36
958	ARHGAP39
959	ARHGAP4
960	ARHGAP40
961	ARHGAP42
962	ARHGAP44
963	ARHGAP45
964	ARHGAP5
965	ARHGAP6
966	ARHGAP8
967	ARHGAP9
968	ARHGDIA
969	ARHGDIB
970	ARHGDIG
971	ARHGEF1
972	ARHGEF10
973	ARHGEF10L
974	ARHGEF11
975	ARHGEF12
976	ARHGEF15
977	ARHGEF16
978	ARHGEF17
979	ARHGEF18
980	ARHGEF19
981	ARHGEF2
982	ARHGEF25
983	ARHGEF26
984	ARHGEF28
985	ARHGEF3
986	ARHGEF33
987	ARHGEF35
988	ARHGEF37
989	ARHGEF38

990	ARHGEF39
991	ARHGEF4
992	ARHGEF40
993	ARHGEF5
994	ARHGEF6
995	ARHGEF7
996	ARHGEF9
997	ARID1A
998	ARID1B
999	ARID2
1000	ARID3A
1001	ARID3B
1002	ARID3C
1003	ARID4A
1004	ARID4B
1005	ARID5A
1006	ARID5B
1007	ARIH1
1008	ARIH2
1009	ARK2C
1010	ARK2N
1011	ARL1
1012	ARL10
1013	ARL11
1014	ARL13A
1015	ARL13B
1016	ARL14
1017	ARL14EP
1018	ARL14EPL
1019	ARL15
1020	ARL16
1021	ARL17B
1022	ARL2
1023	ARL2BP
1024	ARL3
1025	ARL4A
1026	ARL4C
1027	ARL4D
1028	ARL5A
1029	ARL5B
1030	ARL5C
1031	ARL6
1032	ARL6IP1

1033	ARL6IP4
1034	ARL6IP5
1035	ARL6IP6
1036	ARL8A
1037	ARL8B
1038	ARL9
1039	ARMC1
1040	ARMC10
1041	ARMC12
1042	ARMC2
1043	ARMC3
1044	ARMC5
1045	ARMC6
1046	ARMC7
1047	ARMC8
1048	ARMC9
1049	ARMCX1
1050	ARMCX2
1051	ARMCX3
1052	ARMCX4
1053	ARMCX5
1054	ARMCX6
1055	ARMH1
1056	ARMH2
1057	ARMH3
1058	ARMH4
1059	ARMS2
1060	ARMT1
1061	ARNT
1062	ARNT2
1063	ARPC1A
1064	ARPC1B
1065	ARPC2
1066	ARPC3
1067	ARPC4
1068	ARPC5
1069	ARPC5L
1070	ARPIN
1071	ARPP19
1072	ARPP21
1073	ARR3
1074	ARRB1
1075	ARRB2

1076	ARRDC1
1077	ARRDC2
1078	ARRDC3
1079	ARRDC4
1080	ARRDC5
1081	ARSA
1082	ARSB
1083	ARSD
1084	ARSF
1085	ARSG
1086	ARSH
1087	ARSI
1088	ARSJ
1089	ARSK
1090	ARSL
1091	ART1
1092	ART3
1093	ART4
1094	ART5
1095	ARTN
1096	ARV1
1097	ARVCF
1098	ARX
1099	AS3MT
1100	ASAH1
1101	ASAH2B
1102	ASAP1
1103	ASAP2
1104	ASAP3
1105	ASB1
1106	ASB10
1107	ASB11
1108	ASB12
1109	ASB13
1110	ASB14
1111	ASB15
1112	ASB16
1113	ASB17
1114	ASB18
1115	ASB2
1116	ASB3
1117	ASB4
1118	ASB5

1119	ASB6
1120	ASB7
1121	ASB8
1122	ASB9
1123	ASCC1
1124	ASCC2
1125	ASCC3
1126	ASCL1
1127	ASCL2
1128	ASCL3
1129	ASCL4
1130	ASCL5
1131	ASDURF
1132	ASF1A
1133	ASF1B
1134	ASGR1
1135	ASGR2
1136	ASH1L
1137	ASH2L
1138	ASIC1
1139	ASIC2
1140	ASIC3
1141	ASIC4
1142	ASIC5
1143	ASIP
1144	ASL
1145	ASMT
1146	ASMTL
1147	ASNS
1148	ASNSD1
1149	ASPA
1150	ASPDH
1151	ASPG
1152	ASPH
1153	ASPHD1
1154	ASPHD2
1155	ASPM
1156	ASPN
1157	ASPRV1
1158	ASPSCR1
1159	ASRGL1
1160	ASS1
1161	ASTE1

1162	ASTL
1163	ASTN1
1164	ASTN2
1165	ASXL1
1166	ASXL2
1167	ASXL3
1168	ASZ1
1169	ATAD1
1170	ATAD2
1171	ATAD2B
1172	ATAD3A
1173	ATAD3B
1174	ATAD3C
1175	ATAD5
1176	ATAT1
1177	ATCAY
1178	ATE1
1179	ATF1
1180	ATF2
1181	ATF3
1182	ATF4
1183	ATF5
1184	ATF6
1185	ATF6B
1186	ATF7
1187	ATF7IP
1188	ATF7IP2
1189	ATG10
1190	ATG101
1191	ATG12
1192	ATG13
1193	ATG14
1194	ATG16L1
1195	ATG16L2
1196	ATG2A
1197	ATG2B
1198	ATG3
1199	ATG4A
1200	ATG4B
1201	ATG4C
1202	ATG4D
1203	ATG5
1204	ATG7

1205	ATG9A
1206	ATG9B
1207	ATIC
1208	ATL1
1209	ATL2
1210	ATL3
1211	ATM
1212	ATMIN
1213	ATN1
1214	ATOH1
1215	ATOH7
1216	ATOH8
1217	ATOSA
1218	ATOSB
1219	ATOX1
1220	ATP10A
1221	ATP10B
1222	ATP10D
1223	ATP11A
1224	ATP11B
1225	ATP11C
1226	ATP12A
1227	ATP13A1
1228	ATP13A2
1229	ATP13A3
1230	ATP13A4
1231	ATP13A5
1232	ATP1A1
1233	ATP1A2
1234	ATP1A3
1235	ATP1A4
1236	ATP1B1
1237	ATP1B2
1238	ATP1B3
1239	ATP1B4
1240	ATP23
1241	ATP2A1
1242	ATP2A2
1243	ATP2A3
1244	ATP2B1
1245	ATP2B2
1246	ATP2B3
1247	ATP2B4

1248	ATP2C1
1249	ATP2C2
1250	ATP4A
1251	ATP4B
1252	ATP5F1A
1253	ATP5F1B
1254	ATP5F1C
1255	ATP5F1D
1256	ATP5F1E
1257	ATP5IF1
1258	ATP5MC1
1259	ATP5MC2
1260	ATP5MC3
1261	ATP5ME
1262	ATP5MF
1263	ATP5MG
1264	ATP5MGL
1265	ATP5MJ
1266	ATP5MK
1267	ATP5PB
1268	ATP5PD
1269	ATP5PF
1270	ATP5PO
1271	ATP6AP1
1272	ATP6AP2
1273	ATP6V0A1
1274	ATP6V0A2
1275	ATP6V0A4
1276	ATP6V0B
1277	ATP6V0C
1278	ATP6V0D1
1279	ATP6V0D2
1280	ATP6V0E1
1281	ATP6V0E2
1282	ATP6V1A
1283	ATP6V1B1
1284	ATP6V1B2
1285	ATP6V1C1
1286	ATP6V1C2
1287	ATP6V1D
1288	ATP6V1E1
1289	ATP6V1E2
1290	ATP6V1F

1291	ATP6V1G1
1292	ATP6V1G2
1293	ATP6V1G3
1294	ATP6V1H
1295	ATP7A
1296	ATP7B
1297	ATP8A1
1298	ATP8A2
1299	ATP8B1
1300	ATP8B2
1301	ATP8B3
1302	ATP8B4
1303	ATP9A
1304	ATP9B
1305	ATPAF1
1306	ATPAF2
1307	ATPSCKMT
1308	ATR
1309	ATRAID
1310	ATRIP
1311	ATRN
1312	ATRN1
1313	ATRX
1314	ATXN1
1315	ATXN10
1316	ATXN1L
1317	ATXN2
1318	ATXN2L
1319	ATXN3
1320	ATXN3L
1321	ATXN7
1322	ATXN7L1
1323	ATXN7L2
1324	ATXN7L3
1325	ATXN7L3B
1326	AUH
1327	AUNIP
1328	AUP1
1329	AURKA
1330	AURKAIP1
1331	AURKB
1332	AURKC
1333	AUTS2

1334	AVEN
1335	AVIL
1336	AVL9
1337	AVP
1338	AVPI1
1339	AVPR1A
1340	AVPR1B
1341	AVPR2
1342	AWAT1
1343	AWAT2
1344	AXDND1
1345	AXIN1
1346	AXIN2
1347	AXL
1348	AZGP1
1349	AZI2
1350	AZIN1
1351	AZIN2
1352	AZU1
1353	B2M
1354	B3GALNT1
1355	B3GALNT2
1356	B3GALT1
1357	B3GALT2
1358	B3GALT4
1359	B3GALT5
1360	B3GALT6
1361	B3GALT9
1362	B3GAT1
1363	B3GAT2
1364	B3GAT3
1365	B3GLCT
1366	B3GNT2
1367	B3GNT3
1368	B3GNT4
1369	B3GNT5
1370	B3GNT6
1371	B3GNT7
1372	B3GNT8
1373	B3GNT9
1374	B3GNTL1
1375	B4GALNT1
1376	B4GALNT2

1377	B4GALNT3
1378	B4GALNT4
1379	B4GALT1
1380	B4GALT2
1381	B4GALT3
1382	B4GALT4
1383	B4GALT5
1384	B4GALT6
1385	B4GALT7
1386	B4GAT1
1387	B9D1
1388	B9D2
1389	BAALC
1390	BAAT
1391	BABAM1
1392	BABAM2
1393	BACE1
1394	BACE2
1395	BACH1
1396	BACH2
1397	BAD
1398	BAG1
1399	BAG2
1400	BAG3
1401	BAG4
1402	BAG5
1403	BAG6
1404	BAGE
1405	BAGE3
1406	BAGE4
1407	BAGE5
1408	BAHCC1
1409	BAHD1
1410	BAIAP2
1411	BAIAP2L1
1412	BAIAP2L2
1413	BAIAP3
1414	BAK1
1415	BAMBI
1416	BANF1
1417	BANF2
1418	BANK1
1419	BANP

1420	BAP1
1421	BARD1
1422	BARHL1
1423	BARHL2
1424	BARX1
1425	BARX2
1426	BASP1
1427	BATF
1428	BATF2
1429	BATF3
1430	BAX
1431	BAZ1A
1432	BAZ1B
1433	BAZ2A
1434	BAZ2B
1435	BBC3
1436	BBIP1
1437	BBLN
1438	BBOF1
1439	BBOX1
1440	BBS1
1441	BBS10
1442	BBS12
1443	BBS2
1444	BBS4
1445	BBS5
1446	BBS7
1447	BBS9
1448	BBX
1449	BCAM
1450	BCAN
1451	BCAP29
1452	BCAP31
1453	BCAR1
1454	BCAR3
1455	BCAS1
1456	BCAS2
1457	BCAS3
1458	BCAS4
1459	BCAT1
1460	BCAT2
1461	BCCIP
1462	BCDIN3D

1463	BCHE
1464	BCKDHA
1465	BCKDHB
1466	BCKDK
1467	BCL10
1468	BCL11A
1469	BCL11B
1470	BCL2
1471	BCL2A1
1472	BCL2L1
1473	BCL2L10
1474	BCL2L11
1475	BCL2L12
1476	BCL2L13
1477	BCL2L14
1478	BCL2L15
1479	BCL2L2
1480	BCL3
1481	BCL6
1482	BCL6B
1483	BCL7A
1484	BCL7B
1485	BCL7C
1486	BCL9
1487	BCL9L
1488	BCLAF1
1489	BCLAF3
1490	BCO1
1491	BCO2
1492	BCOR
1493	BCORL1
1494	BCR
1495	BCS1L
1496	BDH1
1497	BDH2
1498	BDKRB1
1499	BDKRB2
1500	BDNF
1501	BDP1
1502	BEAN1
1503	BECN1
1504	BECN2
1505	BEGAIN

1506	BEND2
1507	BEND3
1508	BEND4
1509	BEND5
1510	BEND6
1511	BEND7
1512	BEST1
1513	BEST2
1514	BEST3
1515	BEST4
1516	BET1
1517	BET1L
1518	BEX1
1519	BEX2
1520	BEX3
1521	BEX4
1522	BEX5
1523	BFAR
1524	BFSP1
1525	BFSP2
1526	BGLAP
1527	BGN
1528	BHLHA15
1529	BHLHA9
1530	BHLHE22
1531	BHLHE23
1532	BHLHE40
1533	BHLHE41
1534	BHMT
1535	BHMT2
1536	BICC1
1537	BICD1
1538	BICD2
1539	BICDL1
1540	BICDL2
1541	BICRA
1542	BICRAL
1543	BID
1544	BIK
1545	BIN1
1546	BIN2
1547	BIN3
1548	BIRC2

1549	BIRC3
1550	BIRC5
1551	BIRC6
1552	BIRC7
1553	BIVM
1554	BLACAT1
1555	BLCAP
1556	BLID
1557	BLK
1558	BLM
1559	BLMH
1560	BLNK
1561	BLOC1S1
1562	BLOC1S2
1563	BLOC1S3
1564	BLOC1S4
1565	BLOC1S5
1566	BLOC1S6
1567	BLTP1
1568	BLTP2
1569	BLTP3A
1570	BLTP3B
1571	BLVRA
1572	BLVRB
1573	BLZF1
1574	BMAL1
1575	BMAL2
1576	BMERB1
1577	BMF
1578	BMI1
1579	BMP1
1580	BMP10
1581	BMP15
1582	BMP2
1583	BMP2K
1584	BMP3
1585	BMP4
1586	BMP5
1587	BMP6
1588	BMP7
1589	BMP8A
1590	BMP8B
1591	BMPER

1592	BMPR1A
1593	BMPR1B
1594	BMPR2
1595	BMS1
1596	BMT2
1597	BMX
1598	BNC1
1599	BNC2
1600	BNIP1
1601	BNIP2
1602	BNIP3
1603	BNIP3L
1604	BNIP5
1605	BNIPL
1606	BOC
1607	BOD1
1608	BOD1L1
1609	BOD1L2
1610	BOK
1611	BOLA1
1612	BOLA2B
1613	BOLA3
1614	BOLL
1615	BOP1
1616	BORA
1617	BORCS5
1618	BORCS6
1619	BORCS7
1620	BORCS8
1621	BPGM
1622	BPHL
1623	BPI
1624	BPIFA1
1625	BPIFA2
1626	BPIFA3
1627	BPIFB1
1628	BPIFB2
1629	BPIFB3
1630	BPIFB4
1631	BPIFB6
1632	BPIFC
1633	BPNT1
1634	BPNT2

1635	BPTF
1636	BPY2C
1637	BRAF
1638	BRAP
1639	BRAT1
1640	BRCA1
1641	BRCA2
1642	BRCC3
1643	BRD1
1644	BRD2
1645	BRD3
1646	BRD3OS
1647	BRD4
1648	BRD7
1649	BRD8
1650	BRD9
1651	BRDT
1652	BRF1
1653	BRF2
1654	BRI3
1655	BRI3BP
1656	BRICD5
1657	BRINP1
1658	BRINP2
1659	BRINP3
1660	BRIP1
1661	BRIX1
1662	BRK1
1663	BRME1
1664	BRMS1
1665	BRMS1L
1666	BROX
1667	BRPF1
1668	BRPF3
1669	BRS3
1670	BRSK1
1671	BRSK2
1672	BRWD1
1673	BRWD3
1674	BSCL2
1675	BSDC1
1676	BSG
1677	BSN

1678	BSND
1679	BSPH1
1680	BSPRY
1681	BST1
1682	BST2
1683	BSX
1684	BTAF1
1685	BTBD1
1686	BTBD10
1687	BTBD16
1688	BTBD17
1689	BTBD18
1690	BTBD19
1691	BTBD2
1692	BTBD3
1693	BTBD6
1694	BTBD7
1695	BTBD8
1696	BTBD9
1697	BTC
1698	BDT
1699	BTF3
1700	BTF3L4
1701	BTG1
1702	BTG2
1703	BTG3
1704	BTG4
1705	BTK
1706	BTLA
1707	BTN1A1
1708	BTN2A1
1709	BTN2A2
1710	BTN3A1
1711	BTN3A2
1712	BTN3A3
1713	BTNL2
1714	BTNL3
1715	BTNL8
1716	BTNL9
1717	BTRC
1718	BUB1
1719	BUB1B
1720	BUB3

1721	BUD13
1722	BUD23
1723	BUD31
1724	BVES
1725	BYSL
1726	BZW1
1727	BZW2
1728	C10orf105
1729	C10orf120
1730	C10orf143
1731	C10orf53
1732	C10orf62
1733	C10orf67
1734	C10orf71
1735	C10orf88
1736	C10orf90
1737	C10orf95
1738	C11orf16
1739	C11orf21
1740	C11orf24
1741	C11orf42
1742	C11orf52
1743	C11orf54
1744	C11orf58
1745	C11orf65
1746	C11orf68
1747	C11orf71
1748	C11orf86
1749	C11orf87
1750	C11orf91
1751	C11orf96
1752	C11orf97
1753	C11orf98
1754	C12orf4
1755	C12orf40
1756	C12orf42
1757	C12orf43
1758	C12orf50
1759	C12orf54
1760	C12orf56
1761	C12orf57
1762	C12orf60
1763	C12orf71

1764	C12orf75
1765	C12orf76
1766	C13orf42
1767	C13orf46
1768	C14orf119
1769	C14orf132
1770	C14orf180
1771	C14orf28
1772	C14orf39
1773	C14orf93
1774	C15orf39
1775	C15orf40
1776	C15orf48
1777	C15orf61
1778	C15orf62
1779	C16orf46
1780	C16orf54
1781	C16orf74
1782	C16orf78
1783	C16orf82
1784	C16orf86
1785	C16orf87
1786	C16orf89
1787	C16orf90
1788	C16orf92
1789	C16orf95
1790	C16orf96
1791	C17orf100
1792	C17orf107
1793	C17orf113
1794	C17orf114
1795	C17orf49
1796	C17orf50
1797	C17orf58
1798	C17orf67
1799	C17orf75
1800	C17orf78
1801	C17orf80
1802	C17orf99
1803	C18orf21
1804	C18orf32
1805	C18orf54
1806	C18orf63

1807	C19orf12
1808	C19orf18
1809	C19orf25
1810	C19orf33
1811	C19orf38
1812	C19orf44
1813	C19orf47
1814	C19orf53
1815	C19orf67
1816	C19orf73
1817	C19orf81
1818	C19orf84
1819	C19orf85
1820	C1D
1821	C1GALT1
1822	C1GALT1C1
1823	C1GALT1C1L
1824	C1QA
1825	C1QB
1826	C1QBP
1827	C1QC
1828	C1QL1
1829	C1QL2
1830	C1QL3
1831	C1QL4
1832	C1QTNF1
1833	C1QTNF12
1834	C1QTNF2
1835	C1QTNF3
1836	C1QTNF4
1837	C1QTNF5
1838	C1QTNF6
1839	C1QTNF7
1840	C1QTNF8
1841	C1QTNF9
1842	C1QTNF9B
1843	C1R
1844	C1RL
1845	C1S
1846	C1orf105
1847	C1orf115
1848	C1orf116
1849	C1orf122

1850	C1orf127
1851	C1orf131
1852	C1orf141
1853	C1orf146
1854	C1orf159
1855	C1orf162
1856	C1orf167
1857	C1orf174
1858	C1orf185
1859	C1orf198
1860	C1orf21
1861	C1orf210
1862	C1orf216
1863	C1orf226
1864	C1orf232
1865	C1orf35
1866	C1orf43
1867	C1orf50
1868	C1orf52
1869	C1orf53
1870	C1orf54
1871	C1orf56
1872	C1orf74
1873	C1orf87
1874	C1orf94
1875	C2
1876	C20orf141
1877	C20orf144
1878	C20orf173
1879	C20orf202
1880	C20orf203
1881	C20orf204
1882	C20orf96
1883	C21orf140
1884	C21orf58
1885	C21orf62
1886	C21orf91
1887	C22orf15
1888	C22orf23
1889	C22orf31
1890	C22orf39
1891	C22orf42
1892	C2CD2

1893	C2CD2L
1894	C2CD3
1895	C2CD4A
1896	C2CD4B
1897	C2CD4C
1898	C2CD4D
1899	C2CD5
1900	C2CD6
1901	C2orf15
1902	C2orf16
1903	C2orf42
1904	C2orf49
1905	C2orf50
1906	C2orf66
1907	C2orf68
1908	C2orf69
1909	C2orf72
1910	C2orf73
1911	C2orf74
1912	C2orf76
1913	C2orf78
1914	C2orf80
1915	C2orf81
1916	C2orf88
1917	C2orf92
1918	C3
1919	C3AR1
1920	C3orf18
1921	C3orf20
1922	C3orf22
1923	C3orf33
1924	C3orf38
1925	C3orf49
1926	C3orf52
1927	C3orf62
1928	C3orf70
1929	C3orf80
1930	C3orf84
1931	C3orf85
1932	C4A
1933	C4B
1934	C4BPA
1935	C4BPB

1936	C4B_2
1937	C4orf17
1938	C4orf19
1939	C4orf3
1940	C4orf33
1941	C4orf36
1942	C4orf46
1943	C4orf50
1944	C4orf51
1945	C4orf54
1946	C5
1947	C5AR1
1948	C5AR2
1949	C5orf15
1950	C5orf22
1951	C5orf24
1952	C5orf34
1953	C5orf46
1954	C5orf47
1955	C5orf52
1956	C5orf58
1957	C5orf63
1958	C6
1959	C6orf118
1960	C6orf120
1961	C6orf132
1962	C6orf136
1963	C6orf141
1964	C6orf15
1965	C6orf163
1966	C6orf226
1967	C6orf47
1968	C6orf52
1969	C6orf58
1970	C6orf62
1971	C6orf89
1972	C7
1973	C7orf25
1974	C7orf33
1975	C7orf50
1976	C7orf57
1977	C8A
1978	C8B

1979	C8G
1980	C8orf33
1981	C8orf34
1982	C8orf48
1983	C8orf58
1984	C8orf74
1985	C8orf76
1986	C8orf82
1987	C8orf88
1988	C8orf89
1989	C9
1990	C9orf131
1991	C9orf152
1992	C9orf153
1993	C9orf40
1994	C9orf43
1995	C9orf50
1996	C9orf57
1997	C9orf72
1998	C9orf78
1999	C9orf85
2000	CA1
2001	CA10
2002	CA11
2003	CA12
2004	CA13
2005	CA14
2006	CA2
2007	CA3
2008	CA4
2009	CA5A
2010	CA5B
2011	CA6
2012	CA7
2013	CA8
2014	CA9
2015	CAAP1
2016	CAB39
2017	CAB39L
2018	CABCOCO1
2019	CABIN1
2020	CABLES1
2021	CABLES2

2022	CABP1
2023	CABP2
2024	CABP4
2025	CABP5
2026	CABP7
2027	CABS1
2028	CABYR
2029	CACFD1
2030	CACHD1
2031	CACNA1A
2032	CACNA1B
2033	CACNA1C
2034	CACNA1D
2035	CACNA1E
2036	CACNA1F
2037	CACNA1G
2038	CACNA1H
2039	CACNA1I
2040	CACNA1S
2041	CACNA2D1
2042	CACNA2D2
2043	CACNA2D3
2044	CACNA2D4
2045	CACNB1
2046	CACNB2
2047	CACNB3
2048	CACNB4
2049	CACNG1
2050	CACNG2
2051	CACNG3
2052	CACNG4
2053	CACNG5
2054	CACNG6
2055	CACNG7
2056	CACNG8
2057	CACTIN
2058	CACUL1
2059	CACYBP
2060	CAD
2061	CADM1
2062	CADM2
2063	CADM3
2064	CADM4

2065	CADPS
2066	CADPS2
2067	CAGE1
2068	CALB1
2069	CALB2
2070	CALCA
2071	CALCB
2072	CALCOCO1
2073	CALCOCO2
2074	CALCR
2075	CALCRL
2076	CALD1
2077	CALHM1
2078	CALHM2
2079	CALHM3
2080	CALHM4
2081	CALHM5
2082	CALHM6
2083	CALM1
2084	CALM2
2085	CALM3
2086	CALML3
2087	CALML4
2088	CALML5
2089	CALML6
2090	CALN1
2091	CALR
2092	CALR3
2093	CALU
2094	CALY
2095	CAMK1
2096	CAMK1D
2097	CAMK1G
2098	CAMK2A
2099	CAMK2B
2100	CAMK2D
2101	CAMK2G
2102	CAMK2N1
2103	CAMK2N2
2104	CAMK4
2105	CAMKK1
2106	CAMKK2
2107	CAMKMT

2108	CAMKV
2109	CAMLG
2110	CAMP
2111	CAMSAP1
2112	CAMSAP2
2113	CAMSAP3
2114	CAMTA1
2115	CAMTA2
2116	CAND1
2117	CAND2
2118	CANT1
2119	CANX
2120	CAP1
2121	CAP2
2122	CAPG
2123	CAPN1
2124	CAPN10
2125	CAPN11
2126	CAPN12
2127	CAPN13
2128	CAPN14
2129	CAPN15
2130	CAPN2
2131	CAPN3
2132	CAPN5
2133	CAPN6
2134	CAPN7
2135	CAPN8
2136	CAPN9
2137	CAPNS1
2138	CAPNS2
2139	CAPRIN1
2140	CAPRIN2
2141	CAPS
2142	CAPS2
2143	CAPSL
2144	CAPZA1
2145	CAPZA2
2146	CAPZA3
2147	CAPZB
2148	CARD10
2149	CARD11
2150	CARD14

2151	CARD16
2152	CARD18
2153	CARD19
2154	CARD6
2155	CARD8
2156	CARD9
2157	CARF
2158	CARHSP1
2159	CARM1
2160	CARMIL1
2161	CARMIL2
2162	CARMIL3
2163	CARNMT1
2164	CARNS1
2165	CARS1
2166	CARS2
2167	CARTPT
2168	CASC3
2169	CASD1
2170	CASK
2171	CASKIN1
2172	CASKIN2
2173	CASP1
2174	CASP10
2175	CASP12
2176	CASP14
2177	CASP2
2178	CASP3
2179	CASP4
2180	CASP5
2181	CASP6
2182	CASP7
2183	CASP8
2184	CASP8AP2
2185	CASP9
2186	CASQ1
2187	CASQ2
2188	CASR
2189	CASS4
2190	CAST
2191	CASTOR1
2192	CASTOR2
2193	CASZ1

2194	CAT
2195	CATIP
2196	CATSPER1
2197	CATSPER2
2198	CATSPER3
2199	CATSPER4
2200	CATSPERB
2201	CATSPERD
2202	CATSPERE
2203	CATSPERG
2204	CATSPERZ
2205	CAV1
2206	CAV2
2207	CAV3
2208	CAVIN1
2209	CAVIN2
2210	CAVIN3
2211	CAVIN4
2212	CBARP
2213	CBFA2T2
2214	CBFA2T3
2215	CBFB
2216	CBL
2217	CBLB
2218	CBLC
2219	CBLIF
2220	CBLL1
2221	CBLL2
2222	CBLN1
2223	CBLN2
2224	CBLN3
2225	CBLN4
2226	CBR1
2227	CBR3
2228	CBR4
2229	CBS
2230	CBX1
2231	CBX2
2232	CBX3
2233	CBX4
2234	CBX5
2235	CBX6
2236	CBX7

2237	CBX8
2238	CBY1
2239	CBY2
2240	CBY3
2241	CC2D1A
2242	CC2D1B
2243	CC2D2A
2244	CC2D2B
2245	CCAR1
2246	CCAR2
2247	CCBE1
2248	CCDC102A
2249	CCDC102B
2250	CCDC103
2251	CCDC106
2252	CCDC107
2253	CCDC110
2254	CCDC112
2255	CCDC113
2256	CCDC115
2257	CCDC116
2258	CCDC117
2259	CCDC12
2260	CCDC120
2261	CCDC121
2262	CCDC122
2263	CCDC124
2264	CCDC125
2265	CCDC126
2266	CCDC127
2267	CCDC13
2268	CCDC134
2269	CCDC136
2270	CCDC137
2271	CCDC138
2272	CCDC14
2273	CCDC141
2274	CCDC142
2275	CCDC144A
2276	CCDC146
2277	CCDC148
2278	CCDC149
2279	CCDC15

2280	CCDC150
2281	CCDC152
2282	CCDC153
2283	CCDC154
2284	CCDC157
2285	CCDC158
2286	CCDC159
2287	CCDC160
2288	CCDC163
2289	CCDC166
2290	CCDC167
2291	CCDC168
2292	CCDC169
2293	CCDC17
2294	CCDC170
2295	CCDC171
2296	CCDC172
2297	CCDC174
2298	CCDC175
2299	CCDC177
2300	CCDC178
2301	CCDC179
2302	CCDC18
2303	CCDC180
2304	CCDC181
2305	CCDC182
2306	CCDC183
2307	CCDC184
2308	CCDC185
2309	CCDC186
2310	CCDC187
2311	CCDC188
2312	CCDC190
2313	CCDC191
2314	CCDC192
2315	CCDC194
2316	CCDC195
2317	CCDC196
2318	CCDC197
2319	CCDC198
2320	CCDC200
2321	CCDC201
2322	CCDC22

2323	CCDC24
2324	CCDC25
2325	CCDC27
2326	CCDC28A
2327	CCDC28B
2328	CCDC3
2329	CCDC30
2330	CCDC32
2331	CCDC33
2332	CCDC34
2333	CCDC38
2334	CCDC39
2335	CCDC40
2336	CCDC42
2337	CCDC43
2338	CCDC47
2339	CCDC50
2340	CCDC51
2341	CCDC54
2342	CCDC57
2343	CCDC59
2344	CCDC6
2345	CCDC60
2346	CCDC61
2347	CCDC62
2348	CCDC63
2349	CCDC65
2350	CCDC66
2351	CCDC68
2352	CCDC69
2353	CCDC7
2354	CCDC70
2355	CCDC71
2356	CCDC71L
2357	CCDC73
2358	CCDC74A
2359	CCDC74B
2360	CCDC77
2361	CCDC78
2362	CCDC8
2363	CCDC80
2364	CCDC81
2365	CCDC82

2366	CCDC83
2367	CCDC85A
2368	CCDC85B
2369	CCDC85C
2370	CCDC86
2371	CCDC87
2372	CCDC88A
2373	CCDC88B
2374	CCDC88C
2375	CCDC89
2376	CCDC9
2377	CCDC90B
2378	CCDC91
2379	CCDC92
2380	CCDC92B
2381	CCDC93
2382	CCDC96
2383	CCDC97
2384	CCDC9B
2385	CCER1
2386	CCER2
2387	CCHCR1
2388	CCIN
2389	CCK
2390	CCKAR
2391	CCKBR
2392	CCL1
2393	CCL11
2394	CCL13
2395	CCL14
2396	CCL15
2397	CCL16
2398	CCL17
2399	CCL18
2400	CCL19
2401	CCL2
2402	CCL20
2403	CCL21
2404	CCL22
2405	CCL23
2406	CCL24
2407	CCL25
2408	CCL26

2409	CCL27
2410	CCL28
2411	CCL3
2412	CCL3L1
2413	CCL3L3
2414	CCL4
2415	CCL4L1
2416	CCL5
2417	CCL7
2418	CCL8
2419	CCM2
2420	CCM2L
2421	CCN1
2422	CCN2
2423	CCN3
2424	CCN4
2425	CCN5
2426	CCN6
2427	CCNA1
2428	CCNA2
2429	CCNB1
2430	CCNB1IP1
2431	CCNB2
2432	CCNB3
2433	CCNC
2434	CCND1
2435	CCND2
2436	CCND3
2437	CCNDBP1
2438	CCNE1
2439	CCNE2
2440	CCNF
2441	CCNG1
2442	CCNG2
2443	CCNH
2444	CCNI
2445	CCNI2
2446	CCNJ
2447	CCNJL
2448	CCNK
2449	CCNL1
2450	CCNL2
2451	CCNO

2452	CCNP
2453	CCNQ
2454	CCNT1
2455	CCNT2
2456	CCNY
2457	CCNYL1
2458	CCP110
2459	CCPG1
2460	CCR1
2461	CCR10
2462	CCR2
2463	CCR3
2464	CCR4
2465	CCR5
2466	CCR6
2467	CCR7
2468	CCR8
2469	CCR9
2470	CCRL2
2471	CCS
2472	CCSAP
2473	CCSER1
2474	CCSER2
2475	CCT2
2476	CCT3
2477	CCT4
2478	CCT5
2479	CCT6A
2480	CCT6B
2481	CCT7
2482	CCT8
2483	CCT8L2
2484	CCZ1
2485	CCZ1B
2486	CD101
2487	CD109
2488	CD14
2489	CD151
2490	CD160
2491	CD163
2492	CD163L1
2493	CD164
2494	CD164L2

2495	CD177
2496	CD180
2497	CD19
2498	CD1A
2499	CD1B
2500	CD1C
2501	CD1D
2502	CD1E
2503	CD2
2504	CD200
2505	CD200R1
2506	CD200R1L
2507	CD207
2508	CD209
2509	CD22
2510	CD226
2511	CD24
2512	CD244
2513	CD247
2514	CD248
2515	CD27
2516	CD274
2517	CD276
2518	CD28
2519	CD2AP
2520	CD2BP2
2521	CD300A
2522	CD300C
2523	CD300E
2524	CD300H
2525	CD300LB
2526	CD300LD
2527	CD300LF
2528	CD300LG
2529	CD302
2530	CD320
2531	CD33
2532	CD34
2533	CD36
2534	CD37
2535	CD38
2536	CD3D
2537	CD3E

2538	CD3G
2539	CD4
2540	CD40
2541	CD40LG
2542	CD44
2543	CD46
2544	CD47
2545	CD48
2546	CD5
2547	CD52
2548	CD53
2549	CD55
2550	CD58
2551	CD59
2552	CD5L
2553	CD6
2554	CD63
2555	CD68
2556	CD69
2557	CD7
2558	CD70
2559	CD72
2560	CD74
2561	CD79A
2562	CD79B
2563	CD80
2564	CD81
2565	CD82
2566	CD83
2567	CD84
2568	CD86
2569	CD8A
2570	CD8B2
2571	CD9
2572	CD93
2573	CD96
2574	CD99
2575	CD99L2
2576	CDA
2577	CDADC1
2578	CDAN1
2579	CDC123
2580	CDC14A

2581	CDC14B
2582	CDC14C
2583	CDC16
2584	CDC20
2585	CDC20B
2586	CDC23
2587	CDC25A
2588	CDC25B
2589	CDC25C
2590	CDC26
2591	CDC27
2592	CDC34
2593	CDC37
2594	CDC37L1
2595	CDC40
2596	CDC42
2597	CDC42BPA
2598	CDC42BPB
2599	CDC42BPG
2600	CDC42EP1
2601	CDC42EP2
2602	CDC42EP3
2603	CDC42EP4
2604	CDC42EP5
2605	CDC42SE1
2606	CDC42SE2
2607	CDC45
2608	CDC5L
2609	CDC6
2610	CDC7
2611	CDC73
2612	CDCA2
2613	CDCA3
2614	CDCA4
2615	CDCA5
2616	CDCA7
2617	CDCA7L
2618	CDCA8
2619	CDCP1
2620	CDCP2
2621	CDH1
2622	CDH10
2623	CDH11

2624	CDH12
2625	CDH13
2626	CDH15
2627	CDH16
2628	CDH17
2629	CDH18
2630	CDH19
2631	CDH2
2632	CDH20
2633	CDH22
2634	CDH23
2635	CDH24
2636	CDH26
2637	CDH3
2638	CDH4
2639	CDH5
2640	CDH6
2641	CDH7
2642	CDH8
2643	CDH9
2644	CDHR1
2645	CDHR2
2646	CDHR3
2647	CDHR4
2648	CDHR5
2649	CDIN1
2650	CDIP1
2651	CDIPT
2652	CDK1
2653	CDK10
2654	CDK11A
2655	CDK11B
2656	CDK12
2657	CDK13
2658	CDK14
2659	CDK15
2660	CDK16
2661	CDK17
2662	CDK18
2663	CDK19
2664	CDK2
2665	CDK20
2666	CDK2AP1

2667	CDK2AP2
2668	CDK3
2669	CDK4
2670	CDK5
2671	CDK5R1
2672	CDK5R2
2673	CDK5RAP1
2674	CDK5RAP2
2675	CDK5RAP3
2676	CDK6
2677	CDK7
2678	CDK8
2679	CDK9
2680	CDKAL1
2681	CDKL1
2682	CDKL2
2683	CDKL3
2684	CDKL4
2685	CDKL5
2686	CDKN1A
2687	CDKN1B
2688	CDKN1C
2689	CDKN2A
2690	CDKN2AIP
2691	CDKN2AIPNL
2692	CDKN2B
2693	CDKN2C
2694	CDKN2D
2695	CDKN3
2696	CDNF
2697	CDO1
2698	CDON
2699	CDPF1
2700	CDR2
2701	CDR2L
2702	CDRT15
2703	CDRT15L2
2704	CDRT4
2705	CDS1
2706	CDS2
2707	CDSN
2708	CDT1
2709	CDV3

2710	CDX1
2711	CDX2
2712	CDX4
2713	CDY1B
2714	CDY2A
2715	CDY2B
2716	CDYL
2717	CDYL2
2718	CEACAM1
2719	CEACAM16
2720	CEACAM18
2721	CEACAM19
2722	CEACAM20
2723	CEACAM21
2724	CEACAM3
2725	CEACAM4
2726	CEACAM5
2727	CEACAM6
2728	CEACAM7
2729	CEACAM8
2730	CEBPA
2731	CEBPB
2732	CEBPD
2733	CEBPE
2734	CEBPG
2735	CEBPZ
2736	CEBPZOS
2737	CECR2
2738	CEL
2739	CELA1
2740	CELA2A
2741	CELA2B
2742	CELA3A
2743	CELA3B
2744	CELF1
2745	CELF2
2746	CELF3
2747	CELF4
2748	CELF5
2749	CELF6
2750	CELSR1
2751	CELSR2
2752	CELSR3

2753	CEMIP
2754	CEMIP2
2755	CEMP1
2756	CENATAC
2757	CEND1
2758	CENPA
2759	CENPB
2760	CENPC
2761	CENPE
2762	CENPF
2763	CENPH
2764	CENPI
2765	CENPJ
2766	CENPK
2767	CENPL
2768	CENPM
2769	CENPN
2770	CENPO
2771	CENPP
2772	CENPQ
2773	CENPS
2774	CENPT
2775	CENPU
2776	CENPV
2777	CENPVL1
2778	CENPVL2
2779	CENPW
2780	CENPX
2781	CEP104
2782	CEP112
2783	CEP120
2784	CEP126
2785	CEP128
2786	CEP131
2787	CEP135
2788	CEP15
2789	CEP152
2790	CEP162
2791	CEP164
2792	CEP170
2793	CEP170B
2794	CEP19
2795	CEP192

2796	CEP20
2797	CEP250
2798	CEP290
2799	CEP295
2800	CEP295NL
2801	CEP350
2802	CEP41
2803	CEP43
2804	CEP44
2805	CEP55
2806	CEP57
2807	CEP57L1
2808	CEP63
2809	CEP68
2810	CEP70
2811	CEP72
2812	CEP76
2813	CEP78
2814	CEP83
2815	CEP85
2816	CEP85L
2817	CEP89
2818	CEP95
2819	CEP97
2820	CEPT1
2821	CER1
2822	CERCAM
2823	CERK
2824	CERKL
2825	CERS1
2826	CERS2
2827	CERS3
2828	CERS4
2829	CERS5
2830	CERS6
2831	CERT1
2832	CES1
2833	CES2
2834	CES3
2835	CES4A
2836	CES5A
2837	CETN1
2838	CETN2

2839	CETN3
2840	CETP
2841	CFAP100
2842	CFAP107
2843	CFAP119
2844	CFAP126
2845	CFAP141
2846	CFAP144
2847	CFAP157
2848	CFAP161
2849	CFAP20
2850	CFAP206
2851	CFAP20DC
2852	CFAP210
2853	CFAP221
2854	CFAP251
2855	CFAP276
2856	CFAP298
2857	CFAP299
2858	CFAP300
2859	CFAP36
2860	CFAP410
2861	CFAP418
2862	CFAP43
2863	CFAP44
2864	CFAP45
2865	CFAP46
2866	CFAP47
2867	CFAP52
2868	CFAP53
2869	CFAP54
2870	CFAP57
2871	CFAP58
2872	CFAP61
2873	CFAP65
2874	CFAP68
2875	CFAP69
2876	CFAP70
2877	CFAP73
2878	CFAP74
2879	CFAP77
2880	CFAP90
2881	CFAP91

2882	CFAP92
2883	CFAP95
2884	CFAP96
2885	CFAP97
2886	CFAP97D1
2887	CFAP97D2
2888	CFAP99
2889	CFB
2890	CFC1
2891	CFC1B
2892	CFD
2893	CFDP1
2894	CFH
2895	CFHR1
2896	CFHR2
2897	CFHR3
2898	CFHR4
2899	CFHR5
2900	CFI
2901	CFL1
2902	CFL2
2903	CFLAR
2904	CFP
2905	CFTR
2906	CGA
2907	CGAS
2908	CGB1
2909	CGB3
2910	CGB5
2911	CGB7
2912	CGGBP1
2913	CGN
2914	CGNL1
2915	CGREF1
2916	CGRRF1
2917	CH25H
2918	CHAC1
2919	CHAC2
2920	CHAD
2921	CHADL
2922	CHAF1A
2923	CHAF1B
2924	CHAMP1

2925	CHAT
2926	CHCHD1
2927	CHCHD10
2928	CHCHD2
2929	CHCHD3
2930	CHCHD4
2931	CHCHD5
2932	CHCHD6
2933	CHCHD7
2934	CHCT1
2935	CHD1
2936	CHD1L
2937	CHD2
2938	CHD3
2939	CHD4
2940	CHD5
2941	CHD6
2942	CHD7
2943	CHD8
2944	CHD9
2945	CHD9NB
2946	CHDH
2947	CHEK1
2948	CHEK2
2949	CHERP
2950	CHFR
2951	CHGA
2952	CHGB
2953	CHI3L1
2954	CHI3L2
2955	CHIA
2956	CHIC1
2957	CHIC2
2958	CHID1
2959	CHIT1
2960	CHKA
2961	CHKB
2962	CHL1
2963	CHM
2964	CHML
2965	CHMP1A
2966	CHMP1B
2967	CHMP2A

2968	CHMP2B
2969	CHMP3
2970	CHMP4A
2971	CHMP4B
2972	CHMP4C
2973	CHMP5
2974	CHMP6
2975	CHMP7
2976	CHN1
2977	CHN2
2978	CHODL
2979	CHORDC1
2980	CHP1
2981	CHP2
2982	CHPF
2983	CHPF2
2984	CHPT1
2985	CHRA1
2986	CHRD
2987	CHRD1
2988	CHRD2
2989	CHRFAM7A
2990	CHRM1
2991	CHRM2
2992	CHRM3
2993	CHRM4
2994	CHRM5
2995	CHRNA1
2996	CHRNA10
2997	CHRNA2
2998	CHRNA3
2999	CHRNA4
3000	CHRNA5
3001	CHRNA6
3002	CHRNA7
3003	CHRNA9
3004	CHRNA1
3005	CHRNA2
3006	CHRNA3
3007	CHRNA4
3008	CHRNA
3009	CHRNA
3010	CHRNA

3011	CHST1
3012	CHST10
3013	CHST11
3014	CHST12
3015	CHST13
3016	CHST14
3017	CHST15
3018	CHST2
3019	CHST3
3020	CHST4
3021	CHST5
3022	CHST6
3023	CHST7
3024	CHST8
3025	CHST9
3026	CHSY1
3027	CHSY3
3028	CHTF18
3029	CHTF8
3030	CHTOP
3031	CHUK
3032	CHURC1
3033	CIAO1
3034	CIAO2A
3035	CIAO2B
3036	CIAO3
3037	CIAPIN1
3038	CIART
3039	CIB1
3040	CIB2
3041	CIB3
3042	CIB4
3043	CIBAR1
3044	CIBAR2
3045	CIC
3046	CIDEA
3047	CIDEB
3048	CIDEC
3049	CIITA
3050	CILK1
3051	CILP
3052	CILP2
3053	CIMAP1A

3054	CIMAP1B
3055	CIMAP1C
3056	CIMAP1D
3057	CIMAP2
3058	CIMAP3
3059	CIMIP1
3060	CIMIP2A
3061	CIMIP2B
3062	CIMIP2C
3063	CIMIP3
3064	CIMIP4
3065	CINP
3066	CIP2A
3067	CIPC
3068	CIR1
3069	CIRBP
3070	CIROP
3071	CISD1
3072	CISD2
3073	CISD3
3074	CISH
3075	CIT
3076	CITED1
3077	CITED2
3078	CITED4
3079	CIZ1
3080	CKAP2
3081	CKAP2L
3082	CKAP4
3083	CKAP5
3084	CKB
3085	CKLF
3086	CKM
3087	CKMT1A
3088	CKMT2
3089	CKS1B
3090	CKS2
3091	CLASP1
3092	CLASP2
3093	CLASRP
3094	CLBA1
3095	CLC
3096	CLCA1

3097	CLCA2
3098	CLCA4
3099	CLCC1
3100	CLCF1
3101	CLCN1
3102	CLCN2
3103	CLCN3
3104	CLCN4
3105	CLCN5
3106	CLCN6
3107	CLCN7
3108	CLCNKA
3109	CLCNKB
3110	CLDN1
3111	CLDN10
3112	CLDN11
3113	CLDN12
3114	CLDN14
3115	CLDN15
3116	CLDN16
3117	CLDN17
3118	CLDN18
3119	CLDN19
3120	CLDN2
3121	CLDN20
3122	CLDN22
3123	CLDN23
3124	CLDN24
3125	CLDN25
3126	CLDN3
3127	CLDN34
3128	CLDN4
3129	CLDN5
3130	CLDN6
3131	CLDN7
3132	CLDN8
3133	CLDN9
3134	CLDND1
3135	CLDND2
3136	CLEC10A
3137	CLEC11A
3138	CLEC12A
3139	CLEC12B

3140	CLEC14A
3141	CLEC16A
3142	CLEC17A
3143	CLEC18A
3144	CLEC18B
3145	CLEC19A
3146	CLEC1A
3147	CLEC1B
3148	CLEC20A
3149	CLEC2A
3150	CLEC2B
3151	CLEC2D
3152	CLEC2L
3153	CLEC3A
3154	CLEC3B
3155	CLEC4A
3156	CLEC4C
3157	CLEC4D
3158	CLEC4E
3159	CLEC4F
3160	CLEC4G
3161	CLEC4M
3162	CLEC5A
3163	CLEC6A
3164	CLEC7A
3165	CLEC9A
3166	CLGN
3167	CLHC1
3168	CLIC1
3169	CLIC2
3170	CLIC3
3171	CLIC4
3172	CLIC5
3173	CLIC6
3174	CLINT1
3175	CLIP1
3176	CLIP2
3177	CLIP3
3178	CLIP4
3179	CLK1
3180	CLK2
3181	CLK3
3182	CLK4

3183	CLMN
3184	CLMP
3185	CLN3
3186	CLN5
3187	CLN6
3188	CLN8
3189	CLNK
3190	CLNS1A
3191	CLOCK
3192	CLP1
3193	CLPB
3194	CLPP
3195	CLPS
3196	CLPSL1
3197	CLPSL2
3198	CLPTM1
3199	CLPTM1L
3200	CLPX
3201	CLRN1
3202	CLRN2
3203	CLRN3
3204	CLSPN
3205	CLSTN1
3206	CLSTN2
3207	CLSTN3
3208	CLTA
3209	CLTB
3210	CLTC
3211	CLTCL1
3212	CLTRN
3213	CLU
3214	CLUAP1
3215	CLUH
3216	CLUL1
3217	CLVS1
3218	CLVS2
3219	CLXN
3220	CLYBL
3221	CMA1
3222	CMAS
3223	CMBL
3224	CMC1
3225	CMC2

3226	CMC4
3227	CMIP
3228	CMKLR1
3229	CMKLR2
3230	CMPK1
3231	CMPK2
3232	CMSS1
3233	CMTM1
3234	CMTM2
3235	CMTM3
3236	CMTM4
3237	CMTM5
3238	CMTM6
3239	CMTM7
3240	CMTM8
3241	CMTR1
3242	CMTR2
3243	CMYA5
3244	CNBD1
3245	CNBD2
3246	CNBP
3247	CNDP1
3248	CNDP2
3249	CNEP1R1
3250	CNFN
3251	CNGA1
3252	CNGA2
3253	CNGA3
3254	CNGA4
3255	CNGB1
3256	CNGB3
3257	CNIH1
3258	CNIH2
3259	CNIH3
3260	CNIH4
3261	CNKSR1
3262	CNKSR2
3263	CNKSR3
3264	CNMD
3265	CNN1
3266	CNN2
3267	CNN3
3268	CNNM1

3269	CNNM2
3270	CNNM3
3271	CNNM4
3272	CNOT1
3273	CNOT10
3274	CNOT11
3275	CNOT2
3276	CNOT3
3277	CNOT4
3278	CNOT6
3279	CNOT6L
3280	CNOT7
3281	CNOT8
3282	CNOT9
3283	CNP
3284	CNPPD1
3285	CNPY1
3286	CNPY2
3287	CNPY3
3288	CNPY4
3289	CNR1
3290	CNR2
3291	CNRIP1
3292	CNST
3293	CNTD1
3294	CNTF
3295	CNTFR
3296	CNTLN
3297	CNTN1
3298	CNTN2
3299	CNTN3
3300	CNTN4
3301	CNTN5
3302	CNTN6
3303	CNTNAP1
3304	CNTNAP2
3305	CNTNAP3
3306	CNTNAP3B
3307	CNTNAP4
3308	CNTNAP5
3309	CNTRL
3310	CNTROB
3311	COA1

3312	COA3
3313	COA4
3314	COA5
3315	COA6
3316	COA7
3317	COA8
3318	COASY
3319	COBL
3320	COBLL1
3321	COCH
3322	COG1
3323	COG2
3324	COG3
3325	COG4
3326	COG5
3327	COG6
3328	COG7
3329	COG8
3330	COIL
3331	COL10A1
3332	COL11A1
3333	COL11A2
3334	COL12A1
3335	COL13A1
3336	COL14A1
3337	COL15A1
3338	COL16A1
3339	COL17A1
3340	COL18A1
3341	COL19A1
3342	COL1A1
3343	COL1A2
3344	COL20A1
3345	COL21A1
3346	COL22A1
3347	COL23A1
3348	COL24A1
3349	COL25A1
3350	COL26A1
3351	COL27A1
3352	COL28A1
3353	COL2A1
3354	COL3A1

3355	COL4A1
3356	COL4A2
3357	COL4A3
3358	COL4A4
3359	COL4A5
3360	COL4A6
3361	COL5A1
3362	COL5A2
3363	COL5A3
3364	COL6A1
3365	COL6A2
3366	COL6A3
3367	COL6A5
3368	COL6A6
3369	COL7A1
3370	COL8A1
3371	COL8A2
3372	COL9A1
3373	COL9A2
3374	COL9A3
3375	COLEC10
3376	COLEC11
3377	COLEC12
3378	COLGALT1
3379	COLGALT2
3380	COLQ
3381	COMMD1
3382	COMMD10
3383	COMMD2
3384	COMMD3
3385	COMMD4
3386	COMMD5
3387	COMMD6
3388	COMMD7
3389	COMMD8
3390	COMMD9
3391	COMP
3392	COMT
3393	COMTD1
3394	COP1
3395	COPA
3396	COPB1
3397	COPB2

3398	COPE
3399	COPG1
3400	COPG2
3401	COPRS
3402	COPS2
3403	COPS3
3404	COPS4
3405	COPS5
3406	COPS6
3407	COPS7A
3408	COPS7B
3409	COPS8
3410	COPS9
3411	COPZ1
3412	COPZ2
3413	COQ10A
3414	COQ10B
3415	COQ2
3416	COQ3
3417	COQ4
3418	COQ5
3419	COQ6
3420	COQ7
3421	COQ8A
3422	COQ8B
3423	COQ9
3424	CORIN
3425	CORO1A
3426	CORO1B
3427	CORO1C
3428	CORO2A
3429	CORO2B
3430	CORO6
3431	CORO7
3432	CORT
3433	COTL1
3434	COX10
3435	COX11
3436	COX14
3437	COX15
3438	COX16
3439	COX17
3440	COX18

3441	COX19
3442	COX20
3443	COX4I1
3444	COX4I2
3445	COX5A
3446	COX5B
3447	COX6A1
3448	COX6A2
3449	COX6B1
3450	COX6B2
3451	COX6C
3452	COX7A1
3453	COX7A2
3454	COX7A2L
3455	COX7B
3456	COX7B2
3457	COX7C
3458	COX8A
3459	COX8C
3460	CP
3461	CPA1
3462	CPA2
3463	CPA3
3464	CPA4
3465	CPA5
3466	CPA6
3467	CPAMD8
3468	CPB1
3469	CPB2
3470	CPD
3471	CPE
3472	CPEB1
3473	CPEB2
3474	CPEB3
3475	CPEB4
3476	CPED1
3477	CPHXL
3478	CPHXL2
3479	CPLANE1
3480	CPLANE2
3481	CPLX1
3482	CPLX2
3483	CPLX3

3484	CPLX4
3485	CPM
3486	CPN1
3487	CPN2
3488	CPNE1
3489	CPNE2
3490	CPNE3
3491	CPNE4
3492	CPNE5
3493	CPNE6
3494	CPNE7
3495	CPNE8
3496	CPNE9
3497	CPO
3498	CPOX
3499	CPPED1
3500	CPQ
3501	CPS1
3502	CPSF1
3503	CPSF2
3504	CPSF3
3505	CPSF4
3506	CPSF4L
3507	CPSF6
3508	CPSF7
3509	CPT1A
3510	CPT1B
3511	CPT1C
3512	CPT2
3513	CPTP
3514	CPVL
3515	CPXCR1
3516	CPXM1
3517	CPXM2
3518	CPZ
3519	CR1
3520	CR1L
3521	CR2
3522	CRABP1
3523	CRABP2
3524	CRACD
3525	CRACDL
3526	CRACR2A

3527	CRACR2B
3528	CRADD
3529	CRAMP1
3530	CRAT
3531	CRB1
3532	CRB2
3533	CRB3
3534	CRBN
3535	CRCP
3536	CRCT1
3537	CREB1
3538	CREB3
3539	CREB3L1
3540	CREB3L2
3541	CREB3L3
3542	CREB3L4
3543	CREB5
3544	CREBBP
3545	CREBL2
3546	CREBRF
3547	CREBZF
3548	CREG1
3549	CREG2
3550	CRELD1
3551	CRELD2
3552	CREM
3553	CRH
3554	CRHBP
3555	CRHR1
3556	CRHR2
3557	CRIM1
3558	CRIP1
3559	CRIP2
3560	CRIP3
3561	CRIP1
3562	CRIP1
3563	CRISP1
3564	CRISP2
3565	CRISP3
3566	CRISPLD1
3567	CRISPLD2
3568	CRK
3569	CRKL

3570	CRLF1
3571	CRLF2
3572	CRLF3
3573	CRLS1
3574	CRMP1
3575	CRNKL1
3576	CRNN
3577	CROCC
3578	CROCC2
3579	CROT
3580	CRP
3581	CRPPA
3582	CRTAC1
3583	CRTAM
3584	CRTAP
3585	CRTC1
3586	CRTC2
3587	CRTC3
3588	CRX
3589	CRY1
3590	CRY2
3591	CRYAA
3592	CRYAB
3593	CRYBA1
3594	CRYBA2
3595	CRYBA4
3596	CRYBB1
3597	CRYBB2
3598	CRYBB3
3599	CRYBG1
3600	CRYBG2
3601	CRYBG3
3602	CRYGA
3603	CRYGB
3604	CRYGC
3605	CRYGD
3606	CRYGN
3607	CRYGS
3608	CRYL1
3609	CRYM
3610	CRYZ
3611	CRYZL1
3612	CS

3613	CSAD
3614	CSAG1
3615	CSAG3
3616	CSDC2
3617	CSDE1
3618	CSE1L
3619	CSF1
3620	CSF1R
3621	CSF2
3622	CSF2RA
3623	CSF2RB
3624	CSF3
3625	CSF3R
3626	CSGALNACT1
3627	CSGALNACT2
3628	CSH2
3629	CSHL1
3630	CSK
3631	CSKMT
3632	CSMD1
3633	CSMD2
3634	CSMD3
3635	CSN1S1
3636	CSN2
3637	CSN3
3638	CSNK1A1
3639	CSNK1A1L
3640	CSNK1D
3641	CSNK1E
3642	CSNK1G1
3643	CSNK1G2
3644	CSNK1G3
3645	CSNK2A2
3646	CSNK2A3
3647	CSNK2B
3648	CSNKA2IP
3649	CSPG4
3650	CSPG5
3651	CSPP1
3652	CSRNP1
3653	CSRNP2
3654	CSRNP3
3655	CSRP1

3656	CSRP2
3657	CSRP3
3658	CST1
3659	CST11
3660	CST2
3661	CST3
3662	CST4
3663	CST5
3664	CST6
3665	CST7
3666	CST8
3667	CST9
3668	CST9L
3669	CSTA
3670	CSTB
3671	CSTF1
3672	CSTF2
3673	CSTF2T
3674	CSTF3
3675	CSTL1
3676	CSTPP1
3677	CT45A1
3678	CT45A10
3679	CT47A12
3680	CT47A6
3681	CT47B1
3682	CT55
3683	CT83
3684	CTAG1A
3685	CTAG2
3686	CTAGE1
3687	CTAGE15
3688	CTAGE4
3689	CTAGE6
3690	CTAGE8
3691	CTAGE9
3692	CTBP1
3693	CTBP2
3694	CTBS
3695	CTC1
3696	CTCF
3697	CTCFL
3698	CTDNEP1

3699	CTDP1
3700	CTDSP1
3701	CTDSP2
3702	CTDSPL
3703	CTDSPL2
3704	CTF1
3705	CTH
3706	CTHRC1
3707	CTIF
3708	CTLA4
3709	CTNNA1
3710	CTNNA2
3711	CTNNA3
3712	CTNNAL1
3713	CTNNB1
3714	CTNNBIP1
3715	CTNNBL1
3716	CTNND1
3717	CTNND2
3718	CTNS
3719	CTPS1
3720	CTPS2
3721	CTR9
3722	CTRB1
3723	CTRB2
3724	CTRC
3725	CTRL
3726	CTSA
3727	CTSB
3728	CTSC
3729	CTSD
3730	CTSE
3731	CTSF
3732	CTSG
3733	CTSH
3734	CTSK
3735	CTSL
3736	CTSO
3737	CTSS
3738	CTSV
3739	CTSW
3740	CTSZ
3741	CTTN

3742	CTTNBP2
3743	CTTNBP2NL
3744	CTU1
3745	CTU2
3746	CTXN1
3747	CTXN2
3748	CTXN3
3749	CTXND1
3750	CTXND2
3751	CUBN
3752	CUEDC1
3753	CUEDC2
3754	CUL1
3755	CUL2
3756	CUL3
3757	CUL4A
3758	CUL4B
3759	CUL5
3760	CUL7
3761	CUL9
3762	CUTA
3763	CUTC
3764	CUX1
3765	CUX2
3766	CUZD1
3767	CWC15
3768	CWC22
3769	CWC25
3770	CWC27
3771	CWF19L1
3772	CWF19L2
3773	CWH43
3774	CX3CL1
3775	CX3CR1
3776	CXADR
3777	CXCL1
3778	CXCL10
3779	CXCL11
3780	CXCL12
3781	CXCL13
3782	CXCL14
3783	CXCL16
3784	CXCL17

3785	CXCL2
3786	CXCL3
3787	CXCL5
3788	CXCL6
3789	CXCL8
3790	CXCL9
3791	CXCR1
3792	CXCR2
3793	CXCR3
3794	CXCR4
3795	CXCR5
3796	CXCR6
3797	CXXC1
3798	CXXC4
3799	CXXC5
3800	CXorf38
3801	CXorf49B
3802	CXorf51B
3803	CXorf58
3804	CXorf65
3805	CXorf66
3806	CYB561
3807	CYB561A3
3808	CYB561D1
3809	CYB561D2
3810	CYB5A
3811	CYB5B
3812	CYB5D1
3813	CYB5D2
3814	CYB5R1
3815	CYB5R2
3816	CYB5R3
3817	CYB5R4
3818	CYB5RL
3819	CYBA
3820	CYBB
3821	CYBC1
3822	CYBRD1
3823	CYC1
3824	CYCS
3825	CYFIP1
3826	CYFIP2
3827	CYGB

3828	CYLC1
3829	CYLC2
3830	CYLD
3831	CYP11A1
3832	CYP11B1
3833	CYP11B2
3834	CYP17A1
3835	CYP19A1
3836	CYP1A1
3837	CYP1A2
3838	CYP1B1
3839	CYP20A1
3840	CYP21A2
3841	CYP24A1
3842	CYP26A1
3843	CYP26B1
3844	CYP26C1
3845	CYP27A1
3846	CYP27B1
3847	CYP27C1
3848	CYP2A13
3849	CYP2A6
3850	CYP2A7
3851	CYP2B6
3852	CYP2C18
3853	CYP2C19
3854	CYP2C8
3855	CYP2C9
3856	CYP2D6
3857	CYP2D7
3858	CYP2E1
3859	CYP2F1
3860	CYP2J2
3861	CYP2R1
3862	CYP2S1
3863	CYP2U1
3864	CYP2W1
3865	CYP39A1
3866	CYP3A43
3867	CYP3A5
3868	CYP3A7
3869	CYP46A1
3870	CYP4A11

3871	CYP4A22
3872	CYP4B1
3873	CYP4F11
3874	CYP4F12
3875	CYP4F2
3876	CYP4F22
3877	CYP4F3
3878	CYP4F8
3879	CYP4V2
3880	CYP4X1
3881	CYP4Z1
3882	CYP51A1
3883	CYP7A1
3884	CYP7B1
3885	CYP8B1
3886	CYREN
3887	CYRIA
3888	CYRIB
3889	CYS1
3890	CYSLTR1
3891	CYSLTR2
3892	CYSRT1
3893	CYSTM1
3894	CYTH1
3895	CYTH2
3896	CYTH3
3897	CYTH4
3898	CYTIP
3899	CYTL1
3900	CYYR1
3901	CZIB
3902	D2HGDH
3903	DAAM1
3904	DAAM2
3905	DAB1
3906	DAB2
3907	DAB2IP
3908	DACH1
3909	DACH2
3910	DACT1
3911	DACT2
3912	DACT3
3913	DAD1

3914	DAG1
3915	DAGLA
3916	DAGLB
3917	DALRD3
3918	DAND5
3919	DAO
3920	DAOA
3921	DAP
3922	DAP3
3923	DAPK1
3924	DAPK2
3925	DAPK3
3926	DAPL1
3927	DAPP1
3928	DARS1
3929	DARS2
3930	DAW1
3931	DAXX
3932	DAZ2
3933	DAZ4
3934	DAZAP1
3935	DAZAP2
3936	DAZL
3937	DBF4
3938	DBF4B
3939	DBH
3940	DBI
3941	DBN1
3942	DBNDD1
3943	DBNDD2
3944	DBNL
3945	DBP
3946	DBR1
3947	DBT
3948	DBX1
3949	DBX2
3950	DCAF1
3951	DCAF10
3952	DCAF11
3953	DCAF12
3954	DCAF12L1
3955	DCAF12L2
3956	DCAF13

3957	DCAF15
3958	DCAF16
3959	DCAF17
3960	DCAF4
3961	DCAF4L1
3962	DCAF4L2
3963	DCAF5
3964	DCAF6
3965	DCAF7
3966	DCAF8
3967	DCAF8L1
3968	DCAF8L2
3969	DCAKD
3970	DCANP1
3971	DCBLD1
3972	DCBLD2
3973	DCC
3974	DCD
3975	DCDC1
3976	DCDC2
3977	DCDC2B
3978	DCDC2C
3979	DCHS1
3980	DCHS2
3981	DCK
3982	DCLK1
3983	DCLK2
3984	DCLK3
3985	DCLRE1A
3986	DCLRE1B
3987	DCLRE1C
3988	DCN
3989	DCP1A
3990	DCP1B
3991	DCP2
3992	DCPS
3993	DCST1
3994	DCST2
3995	DCSTAMP
3996	DCT
3997	DCTD
3998	DCTN1
3999	DCTN2

4000	DCTN3
4001	DCTN4
4002	DCTN5
4003	DCTN6
4004	DCTPP1
4005	DCUN1D1
4006	DCUN1D2
4007	DCUN1D3
4008	DCUN1D4
4009	DCUN1D5
4010	DCX
4011	DCXR
4012	DDA1
4013	DDAH1
4014	DDAH2
4015	DDB1
4016	DDB2
4017	DDC
4018	DDHD1
4019	DDHD2
4020	DDI1
4021	DDI2
4022	DDIAS
4023	DDIT3
4024	DDIT4
4025	DDIT4L
4026	DDN
4027	DDO
4028	DDOST
4029	DDR1
4030	DDR2
4031	DDRGK1
4032	DDT
4033	DDTL
4034	DDX1
4035	DDX10
4036	DDX11
4037	DDX17
4038	DDX18
4039	DDX19A
4040	DDX19B
4041	DDX20
4042	DDX21

4043	DDX23
4044	DDX24
4045	DDX25
4046	DDX27
4047	DDX28
4048	DDX31
4049	DDX39A
4050	DDX39B
4051	DDX3X
4052	DDX3Y
4053	DDX4
4054	DDX41
4055	DDX42
4056	DDX43
4057	DDX46
4058	DDX47
4059	DDX49
4060	DDX5
4061	DDX50
4062	DDX51
4063	DDX52
4064	DDX53
4065	DDX54
4066	DDX55
4067	DDX56
4068	DDX59
4069	DDX6
4070	DDX60
4071	DDX60L
4072	DEAF1
4073	DECR1
4074	DECR2
4075	DEDD
4076	DEDD2
4077	DEF6
4078	DEF8
4079	DEFA1B
4080	DEFA3
4081	DEFA4
4082	DEFA5
4083	DEFA6
4084	DEFB1
4085	DEFB103A

4086	DEFB103B
4087	DEFB104A
4088	DEFB104B
4089	DEFB105A
4090	DEFB105B
4091	DEFB106A
4092	DEFB106B
4093	DEFB107A
4094	DEFB107B
4095	DEFB108B
4096	DEFB109B
4097	DEFB110
4098	DEFB112
4099	DEFB113
4100	DEFB115
4101	DEFB116
4102	DEFB118
4103	DEFB119
4104	DEFB121
4105	DEFB123
4106	DEFB124
4107	DEFB125
4108	DEFB126
4109	DEFB127
4110	DEFB128
4111	DEFB129
4112	DEFB130A
4113	DEFB130B
4114	DEFB131A
4115	DEFB131B
4116	DEFB132
4117	DEFB134
4118	DEFB135
4119	DEFB136
4120	DEFB4A
4121	DEFB4B
4122	DEGS1
4123	DEGS2
4124	DEK
4125	DELE1
4126	DENND10
4127	DENND11
4128	DENND1A

4129	DENND1B
4130	DENND1C
4131	DENND2A
4132	DENND2B
4133	DENND2C
4134	DENND2D
4135	DENND3
4136	DENND4A
4137	DENND4B
4138	DENND4C
4139	DENND5A
4140	DENND5B
4141	DENND6A
4142	DENND6B
4143	DENR
4144	DEPDC1
4145	DEPDC1B
4146	DEPDC4
4147	DEPDC5
4148	DEPDC7
4149	DEPP1
4150	DEPTOR
4151	DERA
4152	DERL1
4153	DERL2
4154	DERL3
4155	DERPC
4156	DES
4157	DESI1
4158	DESI2
4159	DET1
4160	DEUP1
4161	DEXI
4162	DFFA
4163	DFFB
4164	DGAT1
4165	DGAT2
4166	DGAT2L6
4167	DGCR2
4168	DGCR6
4169	DGCR6L
4170	DGCR8
4171	DGKA

4172	DGKB
4173	DGKD
4174	DGKE
4175	DGKG
4176	DGKH
4177	DGKI
4178	DGKK
4179	DGKQ
4180	DGKZ
4181	DGLUCY
4182	DGUOK
4183	DHCR24
4184	DHCR7
4185	DHDDS
4186	DHDH
4187	DHFR
4188	DHFR2
4189	DHH
4190	DHODH
4191	DHPS
4192	DHRS1
4193	DHRS11
4194	DHRS12
4195	DHRS13
4196	DHRS2
4197	DHRS3
4198	DHRS4
4199	DHRS4L2
4200	DHRS7
4201	DHRS7B
4202	DHRS7C
4203	DHRS9
4204	DHRSX
4205	DHTKD1
4206	DHX15
4207	DHX16
4208	DHX29
4209	DHX30
4210	DHX32
4211	DHX33
4212	DHX34
4213	DHX35
4214	DHX36

4215	DHX37
4216	DHX38
4217	DHX40
4218	DHX57
4219	DHX58
4220	DHX8
4221	DHX9
4222	DIABLO
4223	DIAPH1
4224	DIAPH2
4225	DIAPH3
4226	DICER1
4227	DIDO1
4228	DIMT1
4229	DIO1
4230	DIO2
4231	DIO3
4232	DIP2A
4233	DIP2B
4234	DIP2C
4235	DIPK1A
4236	DIPK1B
4237	DIPK1C
4238	DIPK2A
4239	DIPK2B
4240	DIRAS1
4241	DIRAS2
4242	DIRAS3
4243	DIS3
4244	DIS3L
4245	DIS3L2
4246	DISC1
4247	DISP1
4248	DISP2
4249	DISP3
4250	DIXDC1
4251	DKC1
4252	DKK1
4253	DKK2
4254	DKK3
4255	DKK4
4256	DKKL1
4257	DLAT

4258	DLC1
4259	DLD
4260	DLEC1
4261	DLEU7
4262	DLG1
4263	DLG2
4264	DLG3
4265	DLG4
4266	DLG5
4267	DLGAP1
4268	DLGAP2
4269	DLGAP3
4270	DLGAP4
4271	DLGAP5
4272	DLK1
4273	DLK2
4274	DLL1
4275	DLL3
4276	DLL4
4277	DLST
4278	DLX1
4279	DLX2
4280	DLX3
4281	DLX4
4282	DLX5
4283	DLX6
4284	DMAC1
4285	DMAC2
4286	DMAC2L
4287	DMAP1
4288	DMBT1
4289	DMBX1
4290	DMC1
4291	DMD
4292	DMGDH
4293	DMKN
4294	DMP1
4295	DMPK
4296	DMRT1
4297	DMRT2
4298	DMRT3
4299	DMRTA1
4300	DMRTA2

4301	DMRTB1
4302	DMRTC1
4303	DMRTC1B
4304	DMRTC2
4305	DMTF1
4306	DMTN
4307	DMWD
4308	DMXL1
4309	DMXL2
4310	DNA2
4311	DNAAF1
4312	DNAAF10
4313	DNAAF11
4314	DNAAF2
4315	DNAAF3
4316	DNAAF4
4317	DNAAF5
4318	DNAAF6
4319	DNAAF8
4320	DNAAF9
4321	DNAH1
4322	DNAH10
4323	DNAH11
4324	DNAH12
4325	DNAH14
4326	DNAH17
4327	DNAH2
4328	DNAH3
4329	DNAH5
4330	DNAH6
4331	DNAH7
4332	DNAH8
4333	DNAH9
4334	DNAI1
4335	DNAI2
4336	DNAI3
4337	DNAI4
4338	DNAI7
4339	DNAJA1
4340	DNAJA2
4341	DNAJA3
4342	DNAJA4
4343	DNAJB1

4344	DNAJB11
4345	DNAJB12
4346	DNAJB13
4347	DNAJB14
4348	DNAJB2
4349	DNAJB4
4350	DNAJB5
4351	DNAJB6
4352	DNAJB7
4353	DNAJB8
4354	DNAJB9
4355	DNAJC1
4356	DNAJC10
4357	DNAJC11
4358	DNAJC12
4359	DNAJC13
4360	DNAJC14
4361	DNAJC15
4362	DNAJC16
4363	DNAJC17
4364	DNAJC18
4365	DNAJC19
4366	DNAJC2
4367	DNAJC21
4368	DNAJC22
4369	DNAJC24
4370	DNAJC25
4371	DNAJC27
4372	DNAJC28
4373	DNAJC3
4374	DNAJC30
4375	DNAJC4
4376	DNAJC5
4377	DNAJC5B
4378	DNAJC5G
4379	DNAJC6
4380	DNAJC7
4381	DNAJC8
4382	DNAJC9
4383	DNAL1
4384	DNAL4
4385	DNALI1
4386	DNASE1

4387	DNASE1L1
4388	DNASE1L2
4389	DNASE1L3
4390	DNASE2
4391	DNASE2B
4392	DND1
4393	DNER
4394	DNHD1
4395	DNLZ
4396	DNM1
4397	DNM1L
4398	DNM2
4399	DNM3
4400	DNMBP
4401	DNMT1
4402	DNMT3A
4403	DNMT3B
4404	DNMT3L
4405	DNPEP
4406	DNPH1
4407	DNTT
4408	DNTTIP1
4409	DNTTIP2
4410	DOC2A
4411	DOC2B
4412	DOCK1
4413	DOCK10
4414	DOCK11
4415	DOCK2
4416	DOCK3
4417	DOCK4
4418	DOCK5
4419	DOCK6
4420	DOCK7
4421	DOCK8
4422	DOCK9
4423	DOHH
4424	DOK1
4425	DOK2
4426	DOK3
4427	DOK4
4428	DOK5
4429	DOK6

4430	DOK7
4431	DOLK
4432	DOLPP1
4433	DONSON
4434	DOP1A
4435	DOP1B
4436	DOT1L
4437	DPAGT1
4438	DPCD
4439	DPEP1
4440	DPEP2
4441	DPEP2NB
4442	DPEP3
4443	DPF1
4444	DPF2
4445	DPF3
4446	DPH1
4447	DPH2
4448	DPH3
4449	DPH5
4450	DPH6
4451	DPH7
4452	DPM1
4453	DPM2
4454	DPM3
4455	DPP10
4456	DPP3
4457	DPP4
4458	DPP6
4459	DPP7
4460	DPP8
4461	DPP9
4462	DPPA2
4463	DPPA3
4464	DPPA4
4465	DPPA5
4466	DPRX
4467	DPT
4468	DPY19L1
4469	DPY19L2
4470	DPY19L3
4471	DPY19L4
4472	DPY30

4473	DPYD
4474	DPYS
4475	DPYSL2
4476	DPYSL3
4477	DPYSL4
4478	DPYSL5
4479	DQX1
4480	DR1
4481	DRAM1
4482	DRAM2
4483	DRAP1
4484	DRAXIN
4485	DRC1
4486	DRC3
4487	DRC7
4488	DRD1
4489	DRD2
4490	DRD3
4491	DRD4
4492	DRD5
4493	DRG1
4494	DRG2
4495	DRGX
4496	DRICH1
4497	DROSHA
4498	DRP2
4499	DSC1
4500	DSC2
4501	DSC3
4502	DSCAM
4503	DSCAML1
4504	DSCC1
4505	DSE
4506	DSEL
4507	DSG1
4508	DSG2
4509	DSG3
4510	DSG4
4511	DSN1
4512	DSP
4513	DSPP
4514	DST
4515	DSTN

4516	DSTYK
4517	DTD1
4518	DTD2
4519	DTHD1
4520	DTL
4521	DTNA
4522	DTNB
4523	DTNBP1
4524	DTWD1
4525	DTWD2
4526	DTX1
4527	DTX2
4528	DTX3
4529	DTX3L
4530	DTX4
4531	DTYMK
4532	DUOX1
4533	DUOX2
4534	DUOXA1
4535	DUOXA2
4536	DUS1L
4537	DUS2
4538	DUS3L
4539	DUS4L
4540	DUSP1
4541	DUSP10
4542	DUSP11
4543	DUSP12
4544	DUSP13B
4545	DUSP14
4546	DUSP15
4547	DUSP16
4548	DUSP18
4549	DUSP19
4550	DUSP2
4551	DUSP21
4552	DUSP22
4553	DUSP23
4554	DUSP26
4555	DUSP28
4556	DUSP29
4557	DUSP3
4558	DUSP4

4559	DUSP5
4560	DUSP6
4561	DUSP7
4562	DUSP8
4563	DUSP9
4564	DUT
4565	DUX1
4566	DUX4
4567	DUX5
4568	DUXA
4569	DUXB
4570	DVL1
4571	DVL2
4572	DVL3
4573	DXO
4574	DYDC1
4575	DYDC2
4576	DYM
4577	DYNAP
4578	DYNC1H1
4579	DYNC1I1
4580	DYNC1I2
4581	DYNC1LI1
4582	DYNC1LI2
4583	DYNC2H1
4584	DYNC2I1
4585	DYNC2I2
4586	DYNC2LI1
4587	DYNLL1
4588	DYNLL2
4589	DYNLRB1
4590	DYNLRB2
4591	DYNLT1
4592	DYNLT2
4593	DYNLT2B
4594	DYNLT3
4595	DYNLT4
4596	DYNLT5
4597	DYRK1A
4598	DYRK1B
4599	DYRK2
4600	DYRK3
4601	DYRK4

4602	DYSF
4603	DYTN
4604	DZANK1
4605	DZIP1
4606	DZIP1L
4607	DZIP3
4608	E2F1
4609	E2F2
4610	E2F3
4611	E2F4
4612	E2F5
4613	E2F6
4614	E2F7
4615	E2F8
4616	E4F1
4617	EAF1
4618	EAF2
4619	EAPP
4620	EARS2
4621	EBAG9
4622	EBF1
4623	EBF2
4624	EBF3
4625	EBF4
4626	EBI3
4627	EBLN1
4628	EBLN2
4629	EBNA1BP2
4630	EBP
4631	EBPL
4632	ECD
4633	ECE1
4634	ECE2
4635	ECEL1
4636	ECH1
4637	ECHDC1
4638	ECHDC2
4639	ECHDC3
4640	ECHS1
4641	ECI1
4642	ECI2
4643	ECM1
4644	ECM2

4645	ECPAS
4646	ECRG4
4647	ECSCR
4648	ECSIT
4649	ECT2
4650	ECT2L
4651	EDA
4652	EDA2R
4653	EDAR
4654	EDARADD
4655	EDC3
4656	EDC4
4657	EDDM13
4658	EDDM3A
4659	EDDM3B
4660	EDEM1
4661	EDEM2
4662	EDEM3
4663	EDF1
4664	EDIL3
4665	EDN1
4666	EDN2
4667	EDN3
4668	EDNRA
4669	EDNRB
4670	EDRF1
4671	EEA1
4672	EED
4673	EEF1A2
4674	EEF1AKMT1
4675	EEF1AKMT2
4676	EEF1AKMT3
4677	EEF1AKMT4
4678	EEF1B2
4679	EEF1D
4680	EEF1E1
4681	EEF1G
4682	EEF2
4683	EEF2K
4684	EEF2KMT
4685	EEFSEC
4686	EEIG1
4687	EEIG2

4688	EEPD1
4689	EFCAB10
4690	EFCAB11
4691	EFCAB12
4692	EFCAB13
4693	EFCAB14
4694	EFCAB2
4695	EFCAB3
4696	EFCAB5
4697	EFCAB6
4698	EFCAB7
4699	EFCAB8
4700	EFCAB9
4701	EFCC1
4702	EFEMP1
4703	EFEMP2
4704	EFHB
4705	EFHC1
4706	EFHC2
4707	EFHD1
4708	EFHD2
4709	EFL1
4710	EFNA1
4711	EFNA2
4712	EFNA3
4713	EFNA4
4714	EFNA5
4715	EFNB1
4716	EFNB2
4717	EFNB3
4718	EFR3A
4719	EFR3B
4720	EFS
4721	EFTUD2
4722	EGF
4723	EGFL6
4724	EGFL7
4725	EGFL8
4726	EGFLAM
4727	EGFR
4728	EGLN1
4729	EGLN2
4730	EGLN3

4731	EGR1
4732	EGR2
4733	EGR3
4734	EGR4
4735	EHBP1
4736	EHBP1L1
4737	EHD1
4738	EHD2
4739	EHD3
4740	EHD4
4741	EHF
4742	EHHADH
4743	EHMT1
4744	EHMT2
4745	EI24
4746	EID1
4747	EID2
4748	EID2B
4749	EID3
4750	EIF1
4751	EIF1AD
4752	EIF1AX
4753	EIF1AY
4754	EIF1B
4755	EIF2A
4756	EIF2AK1
4757	EIF2AK2
4758	EIF2AK3
4759	EIF2AK4
4760	EIF2B1
4761	EIF2B2
4762	EIF2B3
4763	EIF2B4
4764	EIF2B5
4765	EIF2D
4766	EIF2S1
4767	EIF2S2
4768	EIF2S3
4769	EIF2S3B
4770	EIF3A
4771	EIF3B
4772	EIF3C
4773	EIF3CL

4774	EIF3D
4775	EIF3E
4776	EIF3F
4777	EIF3G
4778	EIF3H
4779	EIF3I
4780	EIF3J
4781	EIF3K
4782	EIF3L
4783	EIF3M
4784	EIF4A1
4785	EIF4A2
4786	EIF4A3
4787	EIF4B
4788	EIF4E
4789	EIF4E1B
4790	EIF4E2
4791	EIF4E3
4792	EIF4EBP1
4793	EIF4EBP2
4794	EIF4EBP3
4795	EIF4ENIF1
4796	EIF4G1
4797	EIF4G2
4798	EIF4G3
4799	EIF4H
4800	EIF5
4801	EIF5A
4802	EIF5A2
4803	EIF5AL1
4804	EIF5B
4805	EIF6
4806	EIPR1
4807	ELAC1
4808	ELAC2
4809	ELANE
4810	ELAPOR1
4811	ELAPOR2
4812	ELAVL1
4813	ELAVL2
4814	ELAVL3
4815	ELAVL4
4816	ELF1

4817	ELF2
4818	ELF3
4819	ELF4
4820	ELF5
4821	ELFN1
4822	ELFN2
4823	ELK1
4824	ELK3
4825	ELK4
4826	ELL
4827	ELL2
4828	ELL3
4829	ELMO1
4830	ELMO2
4831	ELMO3
4832	ELMOD1
4833	ELMOD2
4834	ELMOD3
4835	ELN
4836	ELOA
4837	ELOA2
4838	ELOB
4839	ELOC
4840	ELOF1
4841	ELOVL1
4842	ELOVL2
4843	ELOVL3
4844	ELOVL4
4845	ELOVL5
4846	ELOVL6
4847	ELOVL7
4848	ELP1
4849	ELP2
4850	ELP3
4851	ELP4
4852	ELP5
4853	ELP6
4854	ELSPBP1
4855	EMB
4856	EMC1
4857	EMC10
4858	EMC2
4859	EMC3

4860	EMC4
4861	EMC6
4862	EMC7
4863	EMC8
4864	EMC9
4865	EMCN
4866	EMD
4867	EME1
4868	EME2
4869	EMG1
4870	EMID1
4871	EMILIN1
4872	EMILIN2
4873	EMILIN3
4874	EML1
4875	EML2
4876	EML3
4877	EML4
4878	EML5
4879	EML6
4880	EMP1
4881	EMP2
4882	EMP3
4883	EMSY
4884	EMX1
4885	EMX2
4886	EN1
4887	EN2
4888	ENAH
4889	ENAM
4890	ENC1
4891	ENDOD1
4892	ENDOG
4893	ENDOU
4894	ENDOV
4895	ENG
4896	ENGASE
4897	ENHO
4898	ENKD1
4899	ENKUR
4900	ENO1
4901	ENO2
4902	ENO3

4903	ENO4
4904	ENOPH1
4905	ENOSF1
4906	ENOX1
4907	ENOX2
4908	ENPEP
4909	ENPP1
4910	ENPP2
4911	ENPP3
4912	ENPP4
4913	ENPP5
4914	ENPP6
4915	ENPP7
4916	ENSA
4917	ENTHD1
4918	ENTPD1
4919	ENTPD2
4920	ENTPD3
4921	ENTPD4
4922	ENTPD5
4923	ENTPD6
4924	ENTPD7
4925	ENTPD8
4926	ENTR1
4927	ENTREP1
4928	ENTREP2
4929	ENTREP3
4930	ENY2
4931	EOGT
4932	EOLA1
4933	EOLA2
4934	EOMES
4935	EP300
4936	EP400
4937	EPAS1
4938	EPB41
4939	EPB41L1
4940	EPB41L2
4941	EPB41L3
4942	EPB41L4A
4943	EPB41L4B
4944	EPB41L5
4945	EPB42

4946	EPC1
4947	EPC2
4948	EPCAM
4949	EPDR1
4950	EPG5
4951	EPGN
4952	EPHA1
4953	EPHA10
4954	EPHA2
4955	EPHA3
4956	EPHA4
4957	EPHA5
4958	EPHA6
4959	EPHA7
4960	EPHA8
4961	EPHB1
4962	EPHB2
4963	EPHB3
4964	EPHB4
4965	EPHB6
4966	EPHX1
4967	EPHX2
4968	EPHX3
4969	EPHX4
4970	EPM2A
4971	EPM2AIP1
4972	EPN1
4973	EPN2
4974	EPN3
4975	EPO
4976	EPOP
4977	EPOR
4978	EPPIN
4979	EPPK1
4980	EPRS1
4981	EPS15
4982	EPS15L1
4983	EPS8
4984	EPS8L1
4985	EPS8L2
4986	EPS8L3
4987	EPSTI1
4988	EPX

4989	EPYC
4990	EQTN
4991	ERAL1
4992	ERAP1
4993	ERAP2
4994	ERAS
4995	ERBB2
4996	ERBB3
4997	ERBB4
4998	ERBIN
4999	ERC1
5000	ERC2
5001	ERCC1
5002	ERCC2
5003	ERCC3
5004	ERCC4
5005	ERCC5
5006	ERCC6
5007	ERCC6L
5008	ERCC6L2
5009	ERCC8
5010	EREG
5011	ERF
5012	ERFE
5013	ERFL
5014	ERG
5015	ERG28
5016	ERGIC1
5017	ERGIC2
5018	ERGIC3
5019	ERH
5020	ERI1
5021	ERI2
5022	ERI3
5023	ERICH1
5024	ERICH2
5025	ERICH3
5026	ERICH4
5027	ERICH5
5028	ERICH6
5029	ERICH6B
5030	ERLEC1
5031	ERLIN1

5032	ERLIN2
5033	ERMAP
5034	ERMARD
5035	ERMN
5036	ERMP1
5037	ERN1
5038	ERN2
5039	ERO1A
5040	ERO1B
5041	ERP27
5042	ERP29
5043	ERP44
5044	ERRFI1
5045	ERV3-1
5046	ERVFRD-1
5047	ERVH48-1
5048	ERVK3-1
5049	ERVMER34-1
5050	ERVV-1
5051	ERVV-2
5052	ERVW-1
5053	ESAM
5054	ESCO1
5055	ESCO2
5056	ESD
5057	ESF1
5058	ESM1
5059	ESPL1
5060	ESPN
5061	ESPNL
5062	ESR1
5063	ESR2
5064	ESRP1
5065	ESRP2
5066	ESRRA
5067	ESRRB
5068	ESRRG
5069	ESS2
5070	ESX1
5071	ESYT1
5072	ESYT2
5073	ESYT3
5074	ETAA1

5075	ETDA
5076	ETDC
5077	ETF1
5078	ETFA
5079	ETFB
5080	ETFBKMT
5081	ETFDH
5082	ETFRF1
5083	ETHE1
5084	ETNK1
5085	ETNK2
5086	ETNPPL
5087	ETS1
5088	ETS2
5089	ETV1
5090	ETV2
5091	ETV3
5092	ETV3L
5093	ETV4
5094	ETV5
5095	ETV6
5096	ETV7
5097	EVA1A
5098	EVA1B
5099	EVA1C
5100	EVC
5101	EVC2
5102	EVI2A
5103	EVI2B
5104	EVI5
5105	EVI5L
5106	EVL
5107	EVPL
5108	EVPLL
5109	EVX2
5110	EWSR1
5111	EXD1
5112	EXD2
5113	EXD3
5114	EXO1
5115	EXO5
5116	EXOC1
5117	EXOC1L

5118	EXOC2
5119	EXOC3
5120	EXOC3L1
5121	EXOC3L2
5122	EXOC3L4
5123	EXOC4
5124	EXOC5
5125	EXOC6
5126	EXOC6B
5127	EXOC7
5128	EXOC8
5129	EXOG
5130	EXOSC1
5131	EXOSC10
5132	EXOSC2
5133	EXOSC3
5134	EXOSC4
5135	EXOSC5
5136	EXOSC6
5137	EXOSC7
5138	EXOSC8
5139	EXOSC9
5140	EXPH5
5141	EXT1
5142	EXT2
5143	EXTL1
5144	EXTL2
5145	EXTL3
5146	EYA1
5147	EYA2
5148	EYA3
5149	EYA4
5150	EYS
5151	EZH1
5152	EZH2
5153	EZH1P
5154	EZR
5155	F10
5156	F11
5157	F11R
5158	F12
5159	F13A1
5160	F13B

5161	F2
5162	F2R
5163	F2RL1
5164	F2RL2
5165	F2RL3
5166	F3
5167	F5
5168	F7
5169	F8
5170	F8A3
5171	F9
5172	FA2H
5173	FAAH
5174	FAAH2
5175	FAAP100
5176	FAAP20
5177	FAAP24
5178	FABP1
5179	FABP12
5180	FABP2
5181	FABP3
5182	FABP4
5183	FABP5
5184	FABP6
5185	FABP7
5186	FABP9
5187	FADD
5188	FADS1
5189	FADS2
5190	FADS3
5191	FADS6
5192	FAF1
5193	FAF2
5194	FAH
5195	FAHD1
5196	FAHD2A
5197	FAHD2B
5198	FAIM
5199	FAIM2
5200	FAM107A
5201	FAM107B
5202	FAM110A
5203	FAM110B

5204	FAM110C
5205	FAM110D
5206	FAM111A
5207	FAM111B
5208	FAM114A1
5209	FAM114A2
5210	FAM117A
5211	FAM117B
5212	FAM118A
5213	FAM118B
5214	FAM120A
5215	FAM120AOS
5216	FAM120B
5217	FAM120C
5218	FAM124A
5219	FAM124B
5220	FAM131A
5221	FAM131B
5222	FAM131C
5223	FAM133A
5224	FAM133B
5225	FAM135A
5226	FAM135B
5227	FAM136A
5228	FAM13A
5229	FAM13B
5230	FAM13C
5231	FAM149A
5232	FAM149B1
5233	FAM151A
5234	FAM151B
5235	FAM153A
5236	FAM156A
5237	FAM156B
5238	FAM161A
5239	FAM161B
5240	FAM162A
5241	FAM162B
5242	FAM163A
5243	FAM163B
5244	FAM167A
5245	FAM167B
5246	FAM168A

5247	FAM168B
5248	FAM169A
5249	FAM170A
5250	FAM170B
5251	FAM171A1
5252	FAM171A2
5253	FAM171B
5254	FAM172A
5255	FAM174A
5256	FAM174B
5257	FAM174C
5258	FAM177A1
5259	FAM177B
5260	FAM178B
5261	FAM180A
5262	FAM180B
5263	FAM181A
5264	FAM181B
5265	FAM184A
5266	FAM184B
5267	FAM185A
5268	FAM186A
5269	FAM186B
5270	FAM187A
5271	FAM187B
5272	FAM193A
5273	FAM193B
5274	FAM199X
5275	FAM200A
5276	FAM200B
5277	FAM200C
5278	FAM204A
5279	FAM209A
5280	FAM209B
5281	FAM20A
5282	FAM20B
5283	FAM20C
5284	FAM210A
5285	FAM210B
5286	FAM216A
5287	FAM216B
5288	FAM217A
5289	FAM217B

5290	FAM219A
5291	FAM219B
5292	FAM220A
5293	FAM221A
5294	FAM221B
5295	FAM222A
5296	FAM222B
5297	FAM227A
5298	FAM227B
5299	FAM228A
5300	FAM228B
5301	FAM229A
5302	FAM229B
5303	FAM234A
5304	FAM234B
5305	FAM236B
5306	FAM236C
5307	FAM237A
5308	FAM237B
5309	FAM240A
5310	FAM240B
5311	FAM240C
5312	FAM241A
5313	FAM241B
5314	FAM246A
5315	FAM24A
5316	FAM24B
5317	FAM25A
5318	FAM25G
5319	FAM32A
5320	FAM3A
5321	FAM3B
5322	FAM3C
5323	FAM3D
5324	FAM43A
5325	FAM43B
5326	FAM47A
5327	FAM47B
5328	FAM47C
5329	FAM47E
5330	FAM50A
5331	FAM50B
5332	FAM53A

5333	FAM53B
5334	FAM53C
5335	FAM72B
5336	FAM72D
5337	FAM76A
5338	FAM76B
5339	FAM78A
5340	FAM78B
5341	FAM81A
5342	FAM81B
5343	FAM83A
5344	FAM83B
5345	FAM83C
5346	FAM83D
5347	FAM83E
5348	FAM83F
5349	FAM83G
5350	FAM83H
5351	FAM86B1
5352	FAM89A
5353	FAM89B
5354	FAM8A1
5355	FAM90A1
5356	FAM90A20P
5357	FAM90A24P
5358	FAM90A26
5359	FAM90A9
5360	FAM91A1
5361	FAM98A
5362	FAM98B
5363	FAM98C
5364	FAM9A
5365	FAM9B
5366	FAM9C
5367	FAN1
5368	FANCA
5369	FANCB
5370	FANCC
5371	FANCD2
5372	FANCD2OS
5373	FANCE
5374	FANCF
5375	FANCG

5376	FANCI
5377	FANCL
5378	FANCM
5379	FANK1
5380	FAP
5381	FAR1
5382	FAR2
5383	FARP1
5384	FARP2
5385	FARS2
5386	FARSA
5387	FARSB
5388	FAS
5389	FASLG
5390	FASN
5391	FASTK
5392	FASTKD1
5393	FASTKD2
5394	FASTKD3
5395	FASTKD5
5396	FAT1
5397	FAT2
5398	FAT3
5399	FAT4
5400	FATE1
5401	FAXC
5402	FAXDC2
5403	FBF1
5404	FBH1
5405	FBL
5406	FBLIM1
5407	FBLL1
5408	FBLN1
5409	FBLN2
5410	FBLN5
5411	FBLN7
5412	FBN1
5413	FBN2
5414	FBN3
5415	FBP1
5416	FBP2
5417	FBR5
5418	FBRSL1

5419	FBXL12
5420	FBXL13
5421	FBXL14
5422	FBXL15
5423	FBXL16
5424	FBXL17
5425	FBXL18
5426	FBXL19
5427	FBXL2
5428	FBXL20
5429	FBXL22
5430	FBXL3
5431	FBXL4
5432	FBXL5
5433	FBXL6
5434	FBXL7
5435	FBXL8
5436	FBXO10
5437	FBXO11
5438	FBXO15
5439	FBXO16
5440	FBXO17
5441	FBXO2
5442	FBXO21
5443	FBXO22
5444	FBXO24
5445	FBXO25
5446	FBXO27
5447	FBXO28
5448	FBXO3
5449	FBXO30
5450	FBXO31
5451	FBXO32
5452	FBXO33
5453	FBXO34
5454	FBXO36
5455	FBXO38
5456	FBXO39
5457	FBXO4
5458	FBXO40
5459	FBXO41
5460	FBXO42
5461	FBXO43

5462	FBXO44
5463	FBXO45
5464	FBXO46
5465	FBXO47
5466	FBXO48
5467	FBXO5
5468	FBXO6
5469	FBXO7
5470	FBXO8
5471	FBXO9
5472	FBXW10
5473	FBXW10B
5474	FBXW11
5475	FBXW12
5476	FBXW2
5477	FBXW4
5478	FBXW5
5479	FBXW7
5480	FBXW8
5481	FBXW9
5482	FCAMR
5483	FCAR
5484	FCER1A
5485	FCER1G
5486	FCER2
5487	FCF1
5488	FCGBP
5489	FCGR1A
5490	FCGR2A
5491	FCGR2B
5492	FCGR3A
5493	FCGR3B
5494	FCGRT
5495	FCHO1
5496	FCHO2
5497	FCHSD1
5498	FCHSD2
5499	FCMR
5500	FCN1
5501	FCN2
5502	FCN3
5503	FCRL1
5504	FCRL2

5505	FCRL3
5506	FCRL4
5507	FCRL5
5508	FCRL6
5509	FCRLA
5510	FCRLB
5511	FCSK
5512	FDCSP
5513	FDFT1
5514	FDPS
5515	FDX1
5516	FDX2
5517	FDXACB1
5518	FDXR
5519	FECH
5520	FEM1A
5521	FEM1B
5522	FEM1C
5523	FEN1
5524	FER
5525	FER1L5
5526	FER1L6
5527	FERD3L
5528	FERMT1
5529	FERMT2
5530	FERMT3
5531	FES
5532	FETUB
5533	FEV
5534	FEZ1
5535	FEZ2
5536	FEZF1
5537	FEZF2
5538	FFAR1
5539	FFAR2
5540	FFAR3
5541	FFAR4
5542	FGA
5543	FGB
5544	FGD1
5545	FGD2
5546	FGD3
5547	FGD4

5548	FGD5
5549	FGD6
5550	FGF1
5551	FGF10
5552	FGF11
5553	FGF12
5554	FGF13
5555	FGF14
5556	FGF16
5557	FGF17
5558	FGF18
5559	FGF19
5560	FGF2
5561	FGF20
5562	FGF21
5563	FGF22
5564	FGF23
5565	FGF3
5566	FGF4
5567	FGF5
5568	FGF6
5569	FGF7
5570	FGF8
5571	FGF9
5572	FGFBP1
5573	FGFBP2
5574	FGFBP3
5575	FGFR1
5576	FGFR1OP2
5577	FGFR2
5578	FGFR3
5579	FGFR4
5580	FGFRL1
5581	FGG
5582	FGGY
5583	FGL1
5584	FGL2
5585	FGR
5586	FH
5587	FHAD1
5588	FHDC1
5589	FHIP1A
5590	FHIP1B

5591	FHIP2A
5592	FHIP2B
5593	FHIT
5594	FHL1
5595	FHL2
5596	FHL3
5597	FHL5
5598	FHOD1
5599	FHOD3
5600	FIBCD1
5601	FIBIN
5602	FIBP
5603	FICD
5604	FIG4
5605	FIGLA
5606	FIGN
5607	FIGNL1
5608	FIGNL2
5609	FILIP1
5610	FILIP1L
5611	FIP1L1
5612	FIRRM
5613	FIS1
5614	FITM1
5615	FITM2
5616	FIZ1
5617	FJX1
5618	FKBP10
5619	FKBP11
5620	FKBP14
5621	FKBP15
5622	FKBP1A
5623	FKBP1B
5624	FKBP1C
5625	FKBP2
5626	FKBP3
5627	FKBP4
5628	FKBP5
5629	FKBP6
5630	FKBP7
5631	FKBP8
5632	FKBP9
5633	FKBPL

5634	FKRP
5635	FKTN
5636	FLACC1
5637	FLAD1
5638	FLCN
5639	FLG
5640	FLG2
5641	FLI1
5642	FLII
5643	FLNA
5644	FLNB
5645	FLNC
5646	FLOT1
5647	FLOT2
5648	FLRT1
5649	FLRT3
5650	FLT1
5651	FLT3
5652	FLT3LG
5653	FLT4
5654	FLVCR1
5655	FLVCR2
5656	FLYWCH1
5657	FLYWCH2
5658	FMC1
5659	FMN1
5660	FMN2
5661	FMNL1
5662	FMNL2
5663	FMNL3
5664	FMO1
5665	FMO2
5666	FMO3
5667	FMO4
5668	FMO5
5669	FMOD
5670	FMR1
5671	FMR1NB
5672	FN1
5673	FN3K
5674	FN3KRP
5675	FNBP1
5676	FNBP1L

5677	FNBP4
5678	FNDC1
5679	FNDC10
5680	FNDC11
5681	FNDC3A
5682	FNDC3B
5683	FNDC4
5684	FNDC5
5685	FNDC7
5686	FNDC8
5687	FNDC9
5688	FNIP1
5689	FNIP2
5690	FNTA
5691	FNTB
5692	FOCAD
5693	FOLH1
5694	FOLR1
5695	FOLR2
5696	FOLR3
5697	FOS
5698	FOSB
5699	FOSL1
5700	FOSL2
5701	FOXA1
5702	FOXA2
5703	FOXA3
5704	FOXB1
5705	FOXB2
5706	FOXC1
5707	FOXC2
5708	FOXD1
5709	FOXD2
5710	FOXD3
5711	FOXD4L3
5712	FOXD4L4
5713	FOXD4L5
5714	FOXD4L6
5715	FOXE1
5716	FOXE3
5717	FOXF1
5718	FOXF2
5719	FOXG1

5720	FOXH1
5721	FOXI1
5722	FOXI2
5723	FOXI3
5724	FOXJ1
5725	FOXJ2
5726	FOXJ3
5727	FOXK1
5728	FOXK2
5729	FOXL1
5730	FOXL2
5731	FOXL2NB
5732	FOXL3
5733	FOXM1
5734	FOXN1
5735	FOXN2
5736	FOXN3
5737	FOXN4
5738	FOXO1
5739	FOXO3
5740	FOXO3B
5741	FOXO4
5742	FOXO6
5743	FOXP1
5744	FOXP2
5745	FOXP3
5746	FOXP4
5747	FOXQ1
5748	FOXR1
5749	FOXR2
5750	FOXRED1
5751	FOXRED2
5752	FOXS1
5753	FPGS
5754	FPGT
5755	FPR1
5756	FPR2
5757	FPR3
5758	FRA10AC1
5759	FRAS1
5760	FRAT1
5761	FRAT2
5762	FREM1

5763	FREM2
5764	FREM3
5765	FREY1
5766	FRG1
5767	FRG2
5768	FRG2B
5769	FRG2C
5770	FRK
5771	FRMD1
5772	FRMD3
5773	FRMD4A
5774	FRMD4B
5775	FRMD5
5776	FRMD6
5777	FRMD7
5778	FRMD8
5779	FRMPD1
5780	FRMPD2
5781	FRMPD3
5782	FRMPD4
5783	FRRS1
5784	FRRS1L
5785	FRS2
5786	FRS3
5787	FRY
5788	FRYL
5789	FRZB
5790	FSBP
5791	FSCB
5792	FSCN1
5793	FSCN2
5794	FSCN3
5795	FSD1
5796	FSD1L
5797	FSD2
5798	FSHB
5799	FSHR
5800	FSIP1
5801	FSIP2
5802	FST
5803	FSTL1
5804	FSTL3
5805	FSTL4

5806	FSTL5
5807	FTCD
5808	FTCDNL1
5809	FTHL17
5810	FTMT
5811	FTO
5812	FTSJ1
5813	FTSJ3
5814	FUBP1
5815	FUBP3
5816	FUCA1
5817	FUCA2
5818	FUNDC1
5819	FUNDC2
5820	FUOM
5821	FURIN
5822	FUS
5823	FUT1
5824	FUT10
5825	FUT11
5826	FUT2
5827	FUT3
5828	FUT4
5829	FUT5
5830	FUT6
5831	FUT7
5832	FUT8
5833	FUT9
5834	FUZ
5835	FXN
5836	FXR1
5837	FXR2
5838	FXYD1
5839	FXYD2
5840	FXYD3
5841	FXYD4
5842	FXYD5
5843	FXYD6
5844	FXYD7
5845	FYB1
5846	FYB2
5847	FYCO1
5848	FYN

5849	FYTTD1
5850	FZD1
5851	FZD10
5852	FZD2
5853	FZD3
5854	FZD4
5855	FZD5
5856	FZD6
5857	FZD7
5858	FZD8
5859	FZD9
5860	FZR1
5861	G0S2
5862	G2E3
5863	G3BP1
5864	G3BP2
5865	G6PC1
5866	G6PC2
5867	G6PC3
5868	G6PD
5869	GAA
5870	GAB1
5871	GAB2
5872	GAB3
5873	GAB4
5874	GABARAP
5875	GABARAPL1
5876	GABARAPL2
5877	GABBR1
5878	GABBR2
5879	GABPA
5880	GABPB1
5881	GABPB2
5882	GABRA1
5883	GABRA2
5884	GABRA3
5885	GABRA4
5886	GABRA5
5887	GABRA6
5888	GABRB1
5889	GABRB2
5890	GABRB3
5891	GABRD

5892	GABRE
5893	GABRG1
5894	GABRG2
5895	GABRG3
5896	GABRP
5897	GABRQ
5898	GABRR1
5899	GABRR2
5900	GABRR3
5901	GAD1
5902	GAD2
5903	GADD45A
5904	GADD45B
5905	GADD45G
5906	GADD45GIP1
5907	GADL1
5908	GAGE10
5909	GAGE12D
5910	GAGE12F
5911	GAGE12H
5912	GAGE12J
5913	GAGE13
5914	GAGE2A
5915	GAGE8
5916	GAK
5917	GAL
5918	GAL3ST1
5919	GAL3ST2
5920	GAL3ST3
5921	GAL3ST4
5922	GALC
5923	GALE
5924	GALK1
5925	GALK2
5926	GALM
5927	GALNS
5928	GALNT1
5929	GALNT10
5930	GALNT11
5931	GALNT12
5932	GALNT13
5933	GALNT14
5934	GALNT15

5935	GALNT16
5936	GALNT17
5937	GALNT18
5938	GALNT2
5939	GALNT3
5940	GALNT4
5941	GALNT5
5942	GALNT6
5943	GALNT7
5944	GALNT8
5945	GALNT9
5946	GALNTL5
5947	GALNTL6
5948	GALP
5949	GALR1
5950	GALR2
5951	GALR3
5952	GALT
5953	GAMT
5954	GAN
5955	GANAB
5956	GANC
5957	GAP43
5958	GAPDH
5959	GAPDHS
5960	GAPT
5961	GAPVD1
5962	GAR1
5963	GAREM1
5964	GAREM2
5965	GARIN1A
5966	GARIN1B
5967	GARIN2
5968	GARIN3
5969	GARIN4
5970	GARIN5A
5971	GARIN5B
5972	GARIN6
5973	GARNL3
5974	GARRE1
5975	GARS1
5976	GART
5977	GAS1

5978	GAS2
5979	GAS2L1
5980	GAS2L2
5981	GAS2L3
5982	GAS6
5983	GAS7
5984	GAS8
5985	GASK1A
5986	GASK1B
5987	GAST
5988	GATA1
5989	GATA2
5990	GATA3
5991	GATA4
5992	GATA5
5993	GATA6
5994	GATAD1
5995	GATAD2A
5996	GATAD2B
5997	GATB
5998	GATC
5999	GATD1
6000	GATD3
6001	GATM
6002	GBA1
6003	GBA2
6004	GBA3
6005	GBE1
6006	GBF1
6007	GBGT1
6008	GBP1
6009	GBP2
6010	GBP3
6011	GBP4
6012	GBP5
6013	GBP6
6014	GBP7
6015	GBX1
6016	GBX2
6017	GC
6018	GCA
6019	GCAT
6020	GCC1

6021	GCC2
6022	GCDH
6023	GCFC2
6024	GCG
6025	GCGR
6026	GCH1
6027	GCHFR
6028	GCK
6029	GCKR
6030	GCLC
6031	GCLM
6032	GCM2
6033	GCN1
6034	GCNA
6035	GCNT1
6036	GCNT2
6037	GCNT3
6038	GCNT4
6039	GCNT7
6040	GCOM1
6041	GCSAM
6042	GCSAML
6043	GCSH
6044	GDA
6045	GDAP1
6046	GDAP1L1
6047	GDAP2
6048	GDE1
6049	GDF10
6050	GDF11
6051	GDF15
6052	GDF2
6053	GDF3
6054	GDF5
6055	GDF6
6056	GDF7
6057	GDF9
6058	GDI1
6059	GDI2
6060	GDNF
6061	GDPD1
6062	GDPD2
6063	GDPD3

6064	GDPD4
6065	GDPD5
6066	GDPGP1
6067	GEM
6068	GEMIN2
6069	GEMIN4
6070	GEMIN5
6071	GEMIN6
6072	GEMIN7
6073	GEMIN8
6074	GEN1
6075	GET1
6076	GET3
6077	GET4
6078	GFAP
6079	GFER
6080	GFI1
6081	GFI1B
6082	GFM1
6083	GFM2
6084	GFOD1
6085	GFOD2
6086	GFPT1
6087	GFPT2
6088	GFRA1
6089	GFRA2
6090	GFRA3
6091	GFRA4
6092	GFRAL
6093	GFUS
6094	GGA1
6095	GGA2
6096	GGA3
6097	GGACT
6098	GGCT
6099	GGCX
6100	GGH
6101	GGN
6102	GGNBP2
6103	GGPS1
6104	GGT1
6105	GGT5
6106	GGT6

6107	GGT7
6108	GGTA1
6109	GGTLC1
6110	GGTLC2
6111	GGTLC3
6112	GH1
6113	GH2
6114	GHDC
6115	GHITM
6116	GHR
6117	GHRH
6118	GHRHR
6119	GHRL
6120	GHSR
6121	GID4
6122	GID8
6123	GIGYF1
6124	GIGYF2
6125	GIMAP1
6126	GIMAP2
6127	GIMAP4
6128	GIMAP5
6129	GIMAP6
6130	GIMAP7
6131	GIMAP8
6132	GIMD1
6133	GIN1
6134	GINM1
6135	GINS1
6136	GINS2
6137	GINS3
6138	GINS4
6139	GIP
6140	GIPC1
6141	GIPC2
6142	GIPC3
6143	GIPR
6144	GIT1
6145	GIT2
6146	GJA1
6147	GJA10
6148	GJA3
6149	GJA4

6150	GJA5
6151	GJA8
6152	GJA9
6153	GJB1
6154	GJB2
6155	GJB3
6156	GJB4
6157	GJB5
6158	GJB6
6159	GJB7
6160	GJC1
6161	GJC2
6162	GJC3
6163	GJD2
6164	GJD3
6165	GJD4
6166	GJE1
6167	GK
6168	GK2
6169	GK3
6170	GK5
6171	GKAP1
6172	GKN1
6173	GKN2
6174	GLA
6175	GLB1
6176	GLB1L
6177	GLB1L2
6178	GLB1L3
6179	GLCCI1
6180	GLCE
6181	GLDC
6182	GLDN
6183	GLE1
6184	GLG1
6185	GLI1
6186	GLI2
6187	GLI3
6188	GLI4
6189	GLIPR1
6190	GLIPR1L1
6191	GLIPR1L2
6192	GLIPR2

6193	GLIS1
6194	GLIS2
6195	GLIS3
6196	GLMN
6197	GLMP
6198	GLO1
6199	GLOD4
6200	GLOD5
6201	GLP1R
6202	GLP2R
6203	GLRA1
6204	GLRA2
6205	GLRA3
6206	GLRB
6207	GLRX
6208	GLRX2
6209	GLRX3
6210	GLRX5
6211	GLS
6212	GLS2
6213	GLT1D1
6214	GLT6D1
6215	GLT8D1
6216	GLT8D2
6217	GLTP
6218	GLTPD2
6219	GLUD1
6220	GLUD2
6221	GLUL
6222	GLYAT
6223	GLYATL1
6224	GLYATL1B
6225	GLYATL2
6226	GLYATL3
6227	GLYCTK
6228	GLYR1
6229	GM2A
6230	GMCL1
6231	GMCL2
6232	GMDS
6233	GMEB1
6234	GMEB2
6235	GMFB

6236	GMFG
6237	GMIP
6238	GML
6239	GMNC
6240	GMNN
6241	GMPPA
6242	GMPPB
6243	GMPR
6244	GMPR2
6245	GMPS
6246	GNA11
6247	GNA12
6248	GNA13
6249	GNA14
6250	GNA15
6251	GNAI1
6252	GNAI2
6253	GNAI3
6254	GNAL
6255	GNAO1
6256	GNAQ
6257	GNAS
6258	GNAT1
6259	GNAT2
6260	GNAT3
6261	GNAZ
6262	GNB1
6263	GNB1L
6264	GNB2
6265	GNB3
6266	GNB4
6267	GNB5
6268	GNE
6269	GNG10
6270	GNG11
6271	GNG12
6272	GNG13
6273	GNG14
6274	GNG2
6275	GNG3
6276	GNG4
6277	GNG5
6278	GNG7

6279	GNG8
6280	GNGT1
6281	GNGT2
6282	GNL1
6283	GNL2
6284	GNL3
6285	GNL3L
6286	GNLY
6287	GNMT
6288	GNPAT
6289	GNPDA1
6290	GNPDA2
6291	GNPNAT1
6292	GNPTAB
6293	GNPTG
6294	GNRH1
6295	GNRH2
6296	GNRHR
6297	GNS
6298	GOLGA1
6299	GOLGA2
6300	GOLGA3
6301	GOLGA4
6302	GOLGA5
6303	GOLGA6A
6304	GOLGA6B
6305	GOLGA6D
6306	GOLGA6L10
6307	GOLGA6L2
6308	GOLGA6L26
6309	GOLGA6L4
6310	GOLGA6L6
6311	GOLGA6L7
6312	GOLGA6L9
6313	GOLGA7
6314	GOLGA7B
6315	GOLGA8B
6316	GOLGA8F
6317	GOLGA8G
6318	GOLGA8H
6319	GOLGA8J
6320	GOLGA8K
6321	GOLGA8M

6322	GOLGA8O
6323	GOLGA8Q
6324	GOLGA8R
6325	GOLGA8S
6326	GOLGB1
6327	GOLIM4
6328	GOLM1
6329	GOLM2
6330	GOLPH3
6331	GOLPH3L
6332	GOLT1A
6333	GOLT1B
6334	GON4L
6335	GON7
6336	GOPC
6337	GORAB
6338	GORASP1
6339	GORASP2
6340	GOSR1
6341	GOSR2
6342	GOT1
6343	GOT1L1
6344	GOT2
6345	GP1BA
6346	GP1BB
6347	GP2
6348	GP5
6349	GP6
6350	GP9
6351	GPA33
6352	GPAA1
6353	GPALPP1
6354	GPAM
6355	GPANK1
6356	GPAT2
6357	GPAT3
6358	GPAT4
6359	GPATCH1
6360	GPATCH11
6361	GPATCH2
6362	GPATCH2L
6363	GPATCH3
6364	GPATCH4

6365	GPATCH8
6366	GPBAR1
6367	GPBP1
6368	GPBP1L1
6369	GPC1
6370	GPC2
6371	GPC3
6372	GPC4
6373	GPC5
6374	GPC6
6375	GPCPD1
6376	GPD1
6377	GPD1L
6378	GPD2
6379	GPED1
6380	GPHA2
6381	GPHB5
6382	GPHN
6383	GPI
6384	GPIHBP1
6385	GPKOW
6386	GPLD1
6387	GPM6A
6388	GPM6B
6389	GPN1
6390	GPN2
6391	GPN3
6392	GPNMB
6393	GPR101
6394	GPR107
6395	GPR108
6396	GPR119
6397	GPR12
6398	GPR132
6399	GPR135
6400	GPR137
6401	GPR137B
6402	GPR137C
6403	GPR139
6404	GPR141
6405	GPR142
6406	GPR143
6407	GPR146

6408	GPR148
6409	GPR149
6410	GPR15
6411	GPR150
6412	GPR151
6413	GPR152
6414	GPR153
6415	GPR155
6416	GPR156
6417	GPR157
6418	GPR158
6419	GPR15LG
6420	GPR160
6421	GPR161
6422	GPR162
6423	GPR17
6424	GPR171
6425	GPR173
6426	GPR174
6427	GPR176
6428	GPR179
6429	GPR18
6430	GPR180
6431	GPR182
6432	GPR183
6433	GPR19
6434	GPR20
6435	GPR21
6436	GPR22
6437	GPR25
6438	GPR26
6439	GPR27
6440	GPR3
6441	GPR31
6442	GPR32
6443	GPR33
6444	GPR34
6445	GPR35
6446	GPR37
6447	GPR37L1
6448	GPR39
6449	GPR4
6450	GPR42

6451	GPR45
6452	GPR50
6453	GPR52
6454	GPR55
6455	GPR6
6456	GPR61
6457	GPR62
6458	GPR63
6459	GPR65
6460	GPR68
6461	GPR75
6462	GPR78
6463	GPR82
6464	GPR83
6465	GPR84
6466	GPR85
6467	GPR87
6468	GPR88
6469	GPR89A
6470	GPR89B
6471	GPRASP1
6472	GPRASP2
6473	GPRASP3
6474	GPRC5A
6475	GPRC5B
6476	GPRC5C
6477	GPRC5D
6478	GPRC6A
6479	GPRIN1
6480	GPRIN2
6481	GPRIN3
6482	GPS1
6483	GPS2
6484	GPSM1
6485	GPSM2
6486	GPSM3
6487	GPT
6488	GPT2
6489	GPX1
6490	GPX2
6491	GPX3
6492	GPX4
6493	GPX5

6494	GPX6
6495	GPX7
6496	GPX8
6497	GRAMD1A
6498	GRAMD1B
6499	GRAMD1C
6500	GRAMD2A
6501	GRAMD2B
6502	GRAMD4
6503	GRAP
6504	GRAP2
6505	GRAPL
6506	GRB10
6507	GRB14
6508	GRB2
6509	GRB7
6510	GREB1
6511	GREB1L
6512	GREM1
6513	GREM2
6514	GRHL1
6515	GRHL2
6516	GRHL3
6517	GRHPR
6518	GRIA1
6519	GRIA2
6520	GRIA3
6521	GRIA4
6522	GRID1
6523	GRID2
6524	GRID2IP
6525	GRIFIN
6526	GRIK1
6527	GRIK2
6528	GRIK3
6529	GRIK4
6530	GRIK5
6531	GRIN1
6532	GRIN2A
6533	GRIN2B
6534	GRIN2C
6535	GRIN2D
6536	GRIN3A

6537	GRIN3B
6538	GRINA
6539	GRIP1
6540	GRIP2
6541	GRIPAP1
6542	GRK1
6543	GRK2
6544	GRK3
6545	GRK4
6546	GRK5
6547	GRK6
6548	GRK7
6549	GRM1
6550	GRM2
6551	GRM3
6552	GRM4
6553	GRM5
6554	GRM6
6555	GRM7
6556	GRM8
6557	GRN
6558	GRP
6559	GRPEL1
6560	GRPEL2
6561	GRPR
6562	GRSF1
6563	GRTP1
6564	GRWD1
6565	GRXCR1
6566	GRXCR2
6567	GSAP
6568	GSC
6569	GSC2
6570	GSDMA
6571	GSDMB
6572	GSDMC
6573	GSDMD
6574	GSDME
6575	GSE1
6576	GSG1
6577	GSG1L
6578	GSG1L2
6579	GSK3A

6580	GSK3B
6581	GSKIP
6582	GSN
6583	GSPT1
6584	GSPT2
6585	GSR
6586	GSS
6587	GSTA1
6588	GSTA2
6589	GSTA3
6590	GSTA4
6591	GSTA5
6592	GSTCD
6593	GSTK1
6594	GSTM1
6595	GSTM2
6596	GSTM3
6597	GSTM4
6598	GSTM5
6599	GSTO1
6600	GSTO2
6601	GSTP1
6602	GSTT1
6603	GSTT2B
6604	GSTT4
6605	GSTZ1
6606	GSX1
6607	GSX2
6608	GTDC1
6609	GTF2A1
6610	GTF2A1L
6611	GTF2A2
6612	GTF2B
6613	GTF2E1
6614	GTF2E2
6615	GTF2F1
6616	GTF2F2
6617	GTF2H1
6618	GTF2H2
6619	GTF2H2C
6620	GTF2H3
6621	GTF2H4
6622	GTF2H5

6623	GTF2I
6624	GTF2IRD1
6625	GTF2IRD2
6626	GTF2IRD2B
6627	GTF3A
6628	GTF3C1
6629	GTF3C2
6630	GTF3C3
6631	GTF3C4
6632	GTF3C5
6633	GTF3C6
6634	GTPBP1
6635	GTPBP10
6636	GTPBP2
6637	GTPBP3
6638	GTPBP4
6639	GTPBP6
6640	GTPBP8
6641	GTSE1
6642	GTSF1
6643	GTSF1L
6644	GUCA1A
6645	GUCA1B
6646	GUCA1C
6647	GUCA2A
6648	GUCA2B
6649	GUCD1
6650	GUCY1A1
6651	GUCY1A2
6652	GUCY1B1
6653	GUCY2C
6654	GUCY2D
6655	GUCY2F
6656	GUF1
6657	GUK1
6658	GULP1
6659	GUSB
6660	GVQW3
6661	GXYLT1
6662	GXYLT2
6663	GYG1
6664	GYG2
6665	GYPA

6666	GYPB
6667	GYPC
6668	GYPE
6669	GYS1
6670	GYS2
6671	GZF1
6672	GZMA
6673	GZMB
6674	GZMH
6675	GZMK
6676	GZMM
6677	H1-0
6678	H1-1
6679	H1-10
6680	H1-2
6681	H1-3
6682	H1-4
6683	H1-5
6684	H1-6
6685	H1-7
6686	H1-8
6687	H2AB1
6688	H2AB2
6689	H2AC1
6690	H2AC13
6691	H2AC16
6692	H2AC19
6693	H2AC20
6694	H2AC21
6695	H2AC25
6696	H2AC4
6697	H2AC6
6698	H2AC7
6699	H2AC8
6700	H2AJ
6701	H2AL3
6702	H2AP
6703	H2AX
6704	H2AZ1
6705	H2AZ2
6706	H2BC11
6707	H2BC12
6708	H2BC12L

6709	H2BC13
6710	H2BC15
6711	H2BC17
6712	H2BC18
6713	H2BC21
6714	H2BC26
6715	H2BC4
6716	H2BC7
6717	H2BK1
6718	H2BW1
6719	H2BW2
6720	H3-3A
6721	H3-5
6722	H3C1
6723	H3C10
6724	H3C11
6725	H3C12
6726	H3C13
6727	H3C14
6728	H3C2
6729	H3C6
6730	H3C7
6731	H3C8
6732	H3Y1
6733	H3Y2
6734	H4C1
6735	H4C11
6736	H4C13
6737	H4C15
6738	H4C16
6739	H4C2
6740	H4C3
6741	H4C4
6742	H4C5
6743	H4C6
6744	H4C7
6745	H4C8
6746	H4C9
6747	H6PD
6748	HAAO
6749	HABP2
6750	HABP4
6751	HACD1

6752	HACD2
6753	HACD3
6754	HACD4
6755	HACE1
6756	HACL1
6757	HADH
6758	HADHA
6759	HADHB
6760	HAGH
6761	HAGHL
6762	HAL
6763	HAMP
6764	HAND1
6765	HAND2
6766	HAO1
6767	HAO2
6768	HAP1
6769	HAPLN1
6770	HAPLN2
6771	HAPLN3
6772	HAPLN4
6773	HAPSTR1
6774	HAPSTR2
6775	HARBI1
6776	HARS1
6777	HARS2
6778	HAS1
6779	HAS2
6780	HAS3
6781	HASPIN
6782	HAT1
6783	HAUS1
6784	HAUS2
6785	HAUS3
6786	HAUS4
6787	HAUS5
6788	HAUS6
6789	HAUS7
6790	HAUS8
6791	HAVCR1
6792	HAVCR2
6793	HAX1
6794	HBE1

6795	HBEGF
6796	HBM
6797	HBP1
6798	HBQ1
6799	HBS1L
6800	HCAR1
6801	HCAR2
6802	HCAR3
6803	HCCS
6804	HCFC1
6805	HCFC1R1
6806	HCFC2
6807	HCK
6808	HCLS1
6809	HCN1
6810	HCN2
6811	HCN3
6812	HCN4
6813	HCRT
6814	HCRTR1
6815	HCRTR2
6816	HCST
6817	HDAC1
6818	HDAC10
6819	HDAC11
6820	HDAC2
6821	HDAC3
6822	HDAC4
6823	HDAC5
6824	HDAC6
6825	HDAC7
6826	HDAC8
6827	HDAC9
6828	HDC
6829	HDDC2
6830	HDDC3
6831	HDGF
6832	HDGFL1
6833	HDGFL2
6834	HDGFL3
6835	HDHD2
6836	HDHD3
6837	HDHD5

6838	HDLBP
6839	HDX
6840	HEATR1
6841	HEATR3
6842	HEATR4
6843	HEATR5A
6844	HEATR5B
6845	HEATR6
6846	HEATR9
6847	HEBP1
6848	HEBP2
6849	HECA
6850	HECTD1
6851	HECTD2
6852	HECTD3
6853	HECTD4
6854	HECW1
6855	HECW2
6856	HEG1
6857	HELB
6858	HELLS
6859	HELQ
6860	HELT
6861	HELZ
6862	HELZ2
6863	HEMGN
6864	HEMK1
6865	HENMT1
6866	HEPACAM
6867	HEPACAM2
6868	HEPH
6869	HEPHL1
6870	HEPN1
6871	HERC1
6872	HERC2
6873	HERC3
6874	HERC4
6875	HERC5
6876	HERC6
6877	HERPUD1
6878	HERPUD2
6879	HES1
6880	HES2

6881	HES3
6882	HES4
6883	HES5
6884	HES6
6885	HES7
6886	HESX1
6887	HEXA
6888	HEXB
6889	HEXD
6890	HEXIM1
6891	HEXIM2
6892	HEY1
6893	HEY2
6894	HEYL
6895	HFE
6896	HFM1
6897	HGD
6898	HGF
6899	HGFAC
6900	HGH1
6901	HGS
6902	HGSNAT
6903	HHAT
6904	HHATL
6905	HHEX
6906	HHIP
6907	HHIPL1
6908	HHIPL2
6909	HHLA1
6910	HHLA2
6911	HIBADH
6912	HIBCH
6913	HIC1
6914	HIC2
6915	HID1
6916	HIF1A
6917	HIF1AN
6918	HIF3A
6919	HIGD1A
6920	HIGD1B
6921	HIGD1C
6922	HIGD2A
6923	HIGD2B

6924	HIKESHI
6925	HILPDA
6926	HINFP
6927	HINT1
6928	HINT2
6929	HINT3
6930	HIP1
6931	HIP1R
6932	HIPK1
6933	HIPK2
6934	HIPK3
6935	HIPK4
6936	HIRA
6937	HIRIP3
6938	HIVEP1
6939	HIVEP2
6940	HIVEP3
6941	HJURP
6942	HJV
6943	HK1
6944	HK2
6945	HK3
6946	HKDC1
6947	HLA-A
6948	HLA-B
6949	HLA-C
6950	HLA-DMA
6951	HLA-DMB
6952	HLA-DOA
6953	HLA-DOB
6954	HLA-DPA1
6955	HLA-DPB1
6956	HLA-DQA1
6957	HLA-DQA2
6958	HLA-DQB1
6959	HLA-DQB2
6960	HLA-DRA
6961	HLA-DRB1
6962	HLA-DRB3
6963	HLA-DRB4
6964	HLA-DRB5
6965	HLA-E
6966	HLA-F

6967	HLA-G
6968	HLCS
6969	HLF
6970	HLTF
6971	HLX
6972	HM13
6973	HMBOX1
6974	HMBS
6975	HMCEs
6976	HMCN1
6977	HMCN2
6978	HMG20A
6979	HMG20B
6980	HMGA1
6981	HMGA2
6982	HMGB1
6983	HMGB2
6984	HMGB3
6985	HMGB4
6986	HMGCL
6987	HMGCLL1
6988	HMGCR
6989	HMGCS1
6990	HMGCS2
6991	HMGN1
6992	HMGN2
6993	HMGN3
6994	HMGN4
6995	HMGN5
6996	HMGXB3
6997	HMGXB4
6998	HMHB1
6999	HMMR
7000	HMOX1
7001	HMOX2
7002	HMSD
7003	HMX1
7004	HMX2
7005	HMX3
7006	HNF1A
7007	HNF1B
7008	HNF4A
7009	HNF4G

7010	HNMT
7011	HNRNPA0
7012	HNRNPA1
7013	HNRNPA1L2
7014	HNRNPA1L3
7015	HNRNPA2B1
7016	HNRNPA3
7017	HNRNPAB
7018	HNRNPC
7019	HNRNPCL1
7020	HNRNPCL2
7021	HNRNPCL3
7022	HNRNPD
7023	HNRNPDL
7024	HNRNPF
7025	HNRNPH1
7026	HNRNPH2
7027	HNRNPH3
7028	HNRNPK
7029	HNRNPL
7030	HNRNPLL
7031	HNRNPM
7032	HNRNPR
7033	HNRNPU
7034	HNRNPUL1
7035	HNRNPUL2
7036	HOATZ
7037	HOGA1
7038	HOMER1
7039	HOMER2
7040	HOMER3
7041	HOMEZ
7042	HOOK1
7043	HOOK2
7044	HOOK3
7045	HOPX
7046	HORMAD1
7047	HORMAD2
7048	HOXA1
7049	HOXA10
7050	HOXA11
7051	HOXA13
7052	HOXA2

7053	HOXA3
7054	HOXA4
7055	HOXA5
7056	HOXA6
7057	HOXA7
7058	HOXA9
7059	HOXB1
7060	HOXB13
7061	HOXB2
7062	HOXB3
7063	HOXB4
7064	HOXB5
7065	HOXB6
7066	HOXB7
7067	HOXB8
7068	HOXB9
7069	HOXC10
7070	HOXC11
7071	HOXC12
7072	HOXC13
7073	HOXC4
7074	HOXC5
7075	HOXC6
7076	HOXC8
7077	HOXC9
7078	HOXD1
7079	HOXD10
7080	HOXD11
7081	HOXD12
7082	HOXD13
7083	HOXD3
7084	HOXD4
7085	HOXD8
7086	HOXD9
7087	HP
7088	HP1BP3
7089	HPCA
7090	HPCAL1
7091	HPCAL4
7092	HPD
7093	HPDL
7094	HPF1
7095	HPGD

7096	HPGDS
7097	HPN
7098	HPR
7099	HPRT1
7100	HPS1
7101	HPS3
7102	HPS4
7103	HPS5
7104	HPS6
7105	HPSE
7106	HPSE2
7107	HPX
7108	HR
7109	HRAS
7110	HRC
7111	HRCT1
7112	HRG
7113	HRH1
7114	HRH2
7115	HRH3
7116	HRH4
7117	HRK
7118	HRNR
7119	HROB
7120	HRURF
7121	HS1BP3
7122	HS2ST1
7123	HS3ST1
7124	HS3ST2
7125	HS3ST3A1
7126	HS3ST3B1
7127	HS3ST4
7128	HS3ST5
7129	HS3ST6
7130	HS6ST1
7131	HS6ST2
7132	HS6ST3
7133	HSBP1
7134	HSBP1L1
7135	HSCB
7136	HSD11B1
7137	HSD11B1L
7138	HSD11B2

7139	HSD17B1
7140	HSD17B10
7141	HSD17B11
7142	HSD17B12
7143	HSD17B13
7144	HSD17B14
7145	HSD17B2
7146	HSD17B3
7147	HSD17B4
7148	HSD17B6
7149	HSD17B7
7150	HSD17B8
7151	HSD3B1
7152	HSD3B2
7153	HSD3B7
7154	HSDL1
7155	HSDL2
7156	HSF1
7157	HSF2
7158	HSF2BP
7159	HSF4
7160	HSF5
7161	HSFX1
7162	HSFX2
7163	HSFX3
7164	HSFX4
7165	HSFY2
7166	HSH2D
7167	HSP90AA1
7168	HSP90AB1
7169	HSP90B1
7170	HSPA12A
7171	HSPA12B
7172	HSPA13
7173	HSPA14
7174	HSPA1A
7175	HSPA1B
7176	HSPA1L
7177	HSPA2
7178	HSPA4
7179	HSPA4L
7180	HSPA5
7181	HSPA6

7182	HSPA8
7183	HSPA9
7184	HSPB1
7185	HSPB2
7186	HSPB3
7187	HSPB6
7188	HSPB7
7189	HSPB8
7190	HSPB9
7191	HSPBAP1
7192	HSPBP1
7193	HSPD1
7194	HSPE1
7195	HSPG2
7196	HSPH1
7197	HTATIP2
7198	HTATSF1
7199	HTD2
7200	HTN3
7201	HTR1A
7202	HTR1B
7203	HTR1D
7204	HTR1E
7205	HTR1F
7206	HTR2A
7207	HTR2B
7208	HTR2C
7209	HTR3A
7210	HTR3B
7211	HTR3C
7212	HTR3D
7213	HTR3E
7214	HTR4
7215	HTR5A
7216	HTR6
7217	HTR7
7218	HTRA1
7219	HTRA2
7220	HTRA3
7221	HTRA4
7222	HTT
7223	HUNK
7224	HUS1

7225	HUS1B
7226	HUWE1
7227	HVCN1
7228	HYAL1
7229	HYAL2
7230	HYAL3
7231	HYAL4
7232	HYCC1
7233	HYCC2
7234	HYDIN
7235	HYI
7236	HYKK
7237	HYLS1
7238	HYOU1
7239	HYPK
7240	IAH1
7241	IAPP
7242	IARS1
7243	IARS2
7244	IBA57
7245	IBSP
7246	IBTK
7247	ICA1
7248	ICA1L
7249	ICAM1
7250	ICAM2
7251	ICAM3
7252	ICAM4
7253	ICAM5
7254	ICE1
7255	ICE2
7256	ICMT
7257	ICOS
7258	ICOSLG
7259	ID1
7260	ID2
7261	ID3
7262	ID4
7263	IDE
7264	IDH1
7265	IDH2
7266	IDH3A
7267	IDH3B

7268	IDH3G
7269	IDI1
7270	IDI2
7271	IDNK
7272	IDO1
7273	IDO2
7274	IDS
7275	IDUA
7276	IER2
7277	IER3
7278	IER3IP1
7279	IER5
7280	IER5L
7281	IFFO1
7282	IFFO2
7283	IFI16
7284	IFI27
7285	IFI27L1
7286	IFI27L2
7287	IFI30
7288	IFI35
7289	IFI44
7290	IFI44L
7291	IFI6
7292	IFIH1
7293	IFIT1
7294	IFIT1B
7295	IFIT2
7296	IFIT3
7297	IFIT5
7298	IFITM1
7299	IFITM10
7300	IFITM2
7301	IFITM3
7302	IFITM5
7303	IFNA1
7304	IFNA10
7305	IFNA13
7306	IFNA14
7307	IFNA16
7308	IFNA17
7309	IFNA2
7310	IFNA21

7311	IFNA4
7312	IFNA5
7313	IFNA6
7314	IFNA7
7315	IFNA8
7316	IFNAR1
7317	IFNAR2
7318	IFNB1
7319	IFNE
7320	IFNG
7321	IFNGR1
7322	IFNGR2
7323	IFNK
7324	IFNL1
7325	IFNL2
7326	IFNL3
7327	IFNL4
7328	IFNLR1
7329	IFNW1
7330	IFRD1
7331	IFRD2
7332	IFT122
7333	IFT140
7334	IFT172
7335	IFT20
7336	IFT22
7337	IFT25
7338	IFT27
7339	IFT43
7340	IFT46
7341	IFT52
7342	IFT56
7343	IFT57
7344	IFT70A
7345	IFT70B
7346	IFT74
7347	IFT80
7348	IFT81
7349	IFT88
7350	IFTAP
7351	IGBP1
7352	IGBP1C
7353	IGDCC3

7354	IGDCC4
7355	IGF1
7356	IGF1R
7357	IGF2
7358	IGF2BP1
7359	IGF2BP2
7360	IGF2BP3
7361	IGF2R
7362	IGFALS
7363	IGFBP1
7364	IGFBP2
7365	IGFBP3
7366	IGFBP4
7367	IGFBP5
7368	IGFBP6
7369	IGFBP7
7370	IGFBPL1
7371	IGFL1
7372	IGFL2
7373	IGFL3
7374	IGFL4
7375	IGFLR1
7376	IGFN1
7377	IGHMBP2
7378	IGIP
7379	IGLL1
7380	IGLL5
7381	IGLON5
7382	IGSF1
7383	IGSF10
7384	IGSF11
7385	IGSF21
7386	IGSF22
7387	IGSF23
7388	IGSF3
7389	IGSF5
7390	IGSF6
7391	IGSF8
7392	IGSF9
7393	IGSF9B
7394	IHH
7395	IHO1
7396	IK

7397	IKBIP
7398	IKBKB
7399	IKBKE
7400	IKBKG
7401	IKZF1
7402	IKZF2
7403	IKZF3
7404	IKZF4
7405	IKZF5
7406	IL10
7407	IL10RA
7408	IL10RB
7409	IL11
7410	IL11RA
7411	IL12A
7412	IL12B
7413	IL12RB1
7414	IL12RB2
7415	IL13
7416	IL13RA1
7417	IL13RA2
7418	IL15
7419	IL15RA
7420	IL16
7421	IL17A
7422	IL17B
7423	IL17C
7424	IL17D
7425	IL17F
7426	IL17RA
7427	IL17RB
7428	IL17RC
7429	IL17RD
7430	IL17RE
7431	IL17REL
7432	IL18
7433	IL18BP
7434	IL18R1
7435	IL18RAP
7436	IL19
7437	IL1A
7438	IL1B
7439	IL1F10

7440	IL1R1
7441	IL1R2
7442	IL1RAP
7443	IL1RAPL1
7444	IL1RAPL2
7445	IL1RL1
7446	IL1RL2
7447	IL1RN
7448	IL2
7449	IL20
7450	IL20RA
7451	IL20RB
7452	IL21
7453	IL21R
7454	IL22
7455	IL22RA1
7456	IL22RA2
7457	IL23A
7458	IL23R
7459	IL24
7460	IL25
7461	IL26
7462	IL27
7463	IL27RA
7464	IL2RA
7465	IL2RB
7466	IL2RG
7467	IL3
7468	IL31
7469	IL31RA
7470	IL32
7471	IL33
7472	IL34
7473	IL36A
7474	IL36B
7475	IL36G
7476	IL36RN
7477	IL37
7478	IL3RA
7479	IL4
7480	IL4I1
7481	IL4R
7482	IL5

7483	IL5RA
7484	IL6
7485	IL6R
7486	IL6ST
7487	IL7
7488	IL7R
7489	IL9
7490	IL9R
7491	ILDR1
7492	ILDR2
7493	ILF2
7494	ILF3
7495	ILK
7496	ILKAP
7497	ILRUN
7498	ILVBL
7499	IMMP1L
7500	IMMP2L
7501	IMMT
7502	IMP3
7503	IMP4
7504	IMPA1
7505	IMPA2
7506	IMPACT
7507	IMPDH1
7508	IMPDH2
7509	IMPG1
7510	IMPG2
7511	INA
7512	INAFM1
7513	INAFM2
7514	INAVA
7515	INCA1
7516	INCENP
7517	INF2
7518	ING1
7519	ING2
7520	ING3
7521	ING4
7522	ING5
7523	INHA
7524	INHBA
7525	INHBB

7526	INHBC
7527	INHBE
7528	INIP
7529	INKA1
7530	INKA2
7531	INMT
7532	INO80
7533	INO80B
7534	INO80C
7535	INO80D
7536	INO80E
7537	INPP1
7538	INPP4A
7539	INPP4B
7540	INPP5A
7541	INPP5B
7542	INPP5D
7543	INPP5E
7544	INPP5F
7545	INPP5J
7546	INPP5K
7547	INPPL1
7548	INS
7549	INSC
7550	INSIG1
7551	INSIG2
7552	INSL3
7553	INSL4
7554	INSL5
7555	INSL6
7556	INSM1
7557	INSM2
7558	INSR
7559	INSRR
7560	INSYN1
7561	INSYN2A
7562	INSYN2B
7563	INTS1
7564	INTS10
7565	INTS11
7566	INTS12
7567	INTS13
7568	INTS14

7569	INTS15
7570	INTS2
7571	INTS3
7572	INTS4
7573	INTS5
7574	INTS6
7575	INTS6L
7576	INTS7
7577	INTS8
7578	INTS9
7579	INTU
7580	INVS
7581	IP6K1
7582	IP6K2
7583	IP6K3
7584	IPCEF1
7585	IPMK
7586	IPO11
7587	IPO13
7588	IPO4
7589	IPO5
7590	IPO7
7591	IPO8
7592	IPO9
7593	IPP
7594	IPPK
7595	IQANK1
7596	IQCA1
7597	IQCA1L
7598	IQCB1
7599	IQCC
7600	IQCD
7601	IQCE
7602	IQCF1
7603	IQCF2
7604	IQCF3
7605	IQCF5
7606	IQCF6
7607	IQCG
7608	IQCH
7609	IQCJ
7610	IQCK
7611	IQCM

7612	IQCN
7613	IQGAP1
7614	IQGAP2
7615	IQGAP3
7616	IQSEC1
7617	IQSEC2
7618	IQSEC3
7619	IQUB
7620	IRAG1
7621	IRAG2
7622	IRAK1
7623	IRAK1BP1
7624	IRAK2
7625	IRAK3
7626	IRAK4
7627	IREB2
7628	IRF1
7629	IRF2
7630	IRF2BP1
7631	IRF2BP2
7632	IRF2BPL
7633	IRF3
7634	IRF4
7635	IRF5
7636	IRF6
7637	IRF7
7638	IRF8
7639	IRF9
7640	IRGC
7641	IRGM
7642	IRGQ
7643	IRS1
7644	IRS2
7645	IRS4
7646	IRX1
7647	IRX2
7648	IRX3
7649	IRX4
7650	IRX5
7651	IRX6
7652	ISCA1
7653	ISCA2
7654	ISCU

7655	ISG15
7656	ISG20
7657	ISG20L2
7658	ISL1
7659	ISL2
7660	ISLR
7661	ISLR2
7662	ISM1
7663	ISM2
7664	ISOC1
7665	ISOC2
7666	IST1
7667	ISX
7668	ISY1
7669	ISYNA1
7670	ITCH
7671	ITFG1
7672	ITFG2
7673	ITGA1
7674	ITGA10
7675	ITGA11
7676	ITGA2
7677	ITGA2B
7678	ITGA3
7679	ITGA4
7680	ITGA5
7681	ITGA6
7682	ITGA7
7683	ITGA8
7684	ITGA9
7685	ITGAD
7686	ITGAE
7687	ITGAL
7688	ITGAM
7689	ITGAV
7690	ITGAX
7691	ITGB1
7692	ITGB1BP1
7693	ITGB1BP2
7694	ITGB2
7695	ITGB3
7696	ITGB3BP
7697	ITGB4

7698	ITGB5
7699	ITGB6
7700	ITGB7
7701	ITGB8
7702	ITGBL1
7703	ITIH1
7704	ITIH2
7705	ITIH3
7706	ITIH4
7707	ITIH5
7708	ITIH6
7709	ITK
7710	ITLN1
7711	ITLN2
7712	ITM2A
7713	ITM2B
7714	ITM2C
7715	ITPA
7716	ITPK1
7717	ITPKA
7718	ITPKB
7719	ITPKC
7720	ITPR1
7721	ITPR2
7722	ITPR3
7723	ITPRID1
7724	ITPRID2
7725	ITPRIP
7726	ITPRIPL1
7727	ITPRIPL2
7728	ITSN1
7729	ITSN2
7730	IVD
7731	IVL
7732	IVNS1ABP
7733	IWS1
7734	IYD
7735	IZUMO1
7736	IZUMO1R
7737	IZUMO2
7738	IZUMO3
7739	IZUMO4
7740	JADE1

7741	JADE2
7742	JADE3
7743	JAG1
7744	JAG2
7745	JAGN1
7746	JAK1
7747	JAK2
7748	JAK3
7749	JAKMIP1
7750	JAKMIP2
7751	JAKMIP3
7752	JAM2
7753	JAM3
7754	JAML
7755	JARID2
7756	JAZF1
7757	JCAD
7758	JCHAIN
7759	JDP2
7760	JHY
7761	JKAMP
7762	JMJD1C
7763	JMJD4
7764	JMJD6
7765	JMJD7
7766	JMJD8
7767	JMY
7768	JOSD1
7769	JOSD2
7770	JPH1
7771	JPH2
7772	JPH3
7773	JPH4
7774	JPT1
7775	JPT2
7776	JRK
7777	JRKL
7778	JSRP1
7779	JTB
7780	JUN
7781	JUNB
7782	JUND
7783	JUP

7784	KALRN
7785	KANK1
7786	KANK2
7787	KANK3
7788	KANK4
7789	KANSL1
7790	KANSL1L
7791	KANSL2
7792	KANSL3
7793	KANTR
7794	KARS1
7795	KASH5
7796	KAT14
7797	KAT2A
7798	KAT2B
7799	KAT5
7800	KAT6A
7801	KAT6B
7802	KAT7
7803	KAT8
7804	KATNA1
7805	KATNAL1
7806	KATNAL2
7807	KATNB1
7808	KATNBL1
7809	KATNIP
7810	KAZALD1
7811	KAZN
7812	KBTBD11
7813	KBTBD12
7814	KBTBD13
7815	KBTBD2
7816	KBTBD3
7817	KBTBD4
7818	KBTBD6
7819	KBTBD7
7820	KBTBD8
7821	KCMF1
7822	KCNA1
7823	KCNA10
7824	KCNA2
7825	KCNA3
7826	KCNA4

7827	KCNA5
7828	KCNA6
7829	KCNA7
7830	KCNAB1
7831	KCNAB2
7832	KCNAB3
7833	KCNB1
7834	KCNB2
7835	KCNC1
7836	KCNC2
7837	KCNC3
7838	KCNC4
7839	KCND1
7840	KCND2
7841	KCND3
7842	KCNE1
7843	KCNE2
7844	KCNE3
7845	KCNE4
7846	KCNE5
7847	KCNF1
7848	KCNG1
7849	KCNG2
7850	KCNG3
7851	KCNG4
7852	KCNH1
7853	KCNH2
7854	KCNH3
7855	KCNH4
7856	KCNH5
7857	KCNH6
7858	KCNH7
7859	KCNH8
7860	KCNIP1
7861	KCNIP2
7862	KCNIP3
7863	KCNIP4
7864	KCNJ1
7865	KCNJ10
7866	KCNJ11
7867	KCNJ12
7868	KCNJ13
7869	KCNJ14

7870	KCNJ15
7871	KCNJ16
7872	KCNJ18
7873	KCNJ2
7874	KCNJ3
7875	KCNJ4
7876	KCNJ5
7877	KCNJ6
7878	KCNJ8
7879	KCNJ9
7880	KCNK1
7881	KCNK10
7882	KCNK12
7883	KCNK13
7884	KCNK15
7885	KCNK16
7886	KCNK17
7887	KCNK18
7888	KCNK2
7889	KCNK3
7890	KCNK4
7891	KCNK5
7892	KCNK6
7893	KCNK7
7894	KCNK9
7895	KCNMA1
7896	KCNMB1
7897	KCNMB2
7898	KCNMB3
7899	KCNMB4
7900	KCNN1
7901	KCNN2
7902	KCNN3
7903	KCNN4
7904	KCNQ1
7905	KCNQ2
7906	KCNQ3
7907	KCNQ4
7908	KCNQ5
7909	KCNRG
7910	KCNS1
7911	KCNS2
7912	KCNS3

7913	KCNT1
7914	KCNT2
7915	KCNU1
7916	KCNV1
7917	KCNV2
7918	KCP
7919	KCTD1
7920	KCTD10
7921	KCTD11
7922	KCTD12
7923	KCTD13
7924	KCTD14
7925	KCTD15
7926	KCTD16
7927	KCTD17
7928	KCTD18
7929	KCTD19
7930	KCTD2
7931	KCTD20
7932	KCTD21
7933	KCTD3
7934	KCTD4
7935	KCTD5
7936	KCTD6
7937	KCTD7
7938	KCTD8
7939	KCTD9
7940	KDEL1
7941	KDEL2
7942	KDEL3
7943	KDF1
7944	KDM1A
7945	KDM1B
7946	KDM2A
7947	KDM2B
7948	KDM3A
7949	KDM3B
7950	KDM4A
7951	KDM4B
7952	KDM4C
7953	KDM4D
7954	KDM4E
7955	KDM4F

7956	KDM5A
7957	KDM5B
7958	KDM5C
7959	KDM5D
7960	KDM6A
7961	KDM6B
7962	KDM7A
7963	KDM8
7964	KDR
7965	KDSR
7966	KEAP1
7967	KEL
7968	KERA
7969	KHDC1
7970	KHDC1L
7971	KHDC3L
7972	KHDC4
7973	KHDRBS1
7974	KHDRBS2
7975	KHDRBS3
7976	KHK
7977	KHNYN
7978	KHSRP
7979	KIAA0040
7980	KIAA0232
7981	KIAA0319
7982	KIAA0319L
7983	KIAA0408
7984	KIAA0513
7985	KIAA0586
7986	KIAA0753
7987	KIAA0825
7988	KIAA0930
7989	KIAA1143
7990	KIAA1191
7991	KIAA1210
7992	KIAA1217
7993	KIAA1328
7994	KIAA1522
7995	KIAA1549
7996	KIAA1549L
7997	KIAA1586
7998	KIAA1614

7999	KIAA1671
8000	KIAA1755
8001	KIAA1958
8002	KIAA2012
8003	KIAA2013
8004	KIAA2026
8005	KICS2
8006	KIDINS220
8007	KIF11
8008	KIF12
8009	KIF13A
8010	KIF13B
8011	KIF14
8012	KIF15
8013	KIF16B
8014	KIF17
8015	KIF18A
8016	KIF18B
8017	KIF19
8018	KIF1A
8019	KIF1B
8020	KIF1C
8021	KIF20A
8022	KIF20B
8023	KIF21A
8024	KIF21B
8025	KIF22
8026	KIF23
8027	KIF24
8028	KIF25
8029	KIF26A
8030	KIF26B
8031	KIF27
8032	KIF2A
8033	KIF2B
8034	KIF2C
8035	KIF3A
8036	KIF3B
8037	KIF3C
8038	KIF4A
8039	KIF4B
8040	KIF5A
8041	KIF5B

8042	KIF5C
8043	KIF6
8044	KIF7
8045	KIF9
8046	KIFAP3
8047	KIFBP
8048	KIFC1
8049	KIFC2
8050	KIFC3
8051	KIN
8052	KIR2DL1
8053	KIR2DL2
8054	KIR2DL3
8055	KIR2DL4
8056	KIR2DL5A
8057	KIR2DL5B
8058	KIR2DS1
8059	KIR2DS2
8060	KIR2DS3
8061	KIR2DS4
8062	KIR2DS5
8063	KIR3DL1
8064	KIR3DL2
8065	KIR3DL3
8066	KIR3DS1
8067	KIRREL1
8068	KIRREL2
8069	KIRREL3
8070	KISS1
8071	KISS1R
8072	KIT
8073	KITLG
8074	KIZ
8075	KL
8076	KLB
8077	KLC1
8078	KLC2
8079	KLC3
8080	KLC4
8081	KLF1
8082	KLF10
8083	KLF11
8084	KLF12

8085	KLF13
8086	KLF14
8087	KLF15
8088	KLF16
8089	KLF17
8090	KLF18
8091	KLF2
8092	KLF3
8093	KLF4
8094	KLF5
8095	KLF6
8096	KLF7
8097	KLF8
8098	KLF9
8099	KLHDC1
8100	KLHDC10
8101	KLHDC2
8102	KLHDC3
8103	KLHDC4
8104	KLHDC7A
8105	KLHDC7B
8106	KLHDC8A
8107	KLHDC8B
8108	KLHDC9
8109	KLHL1
8110	KLHL10
8111	KLHL11
8112	KLHL12
8113	KLHL13
8114	KLHL14
8115	KLHL15
8116	KLHL17
8117	KLHL18
8118	KLHL2
8119	KLHL20
8120	KLHL21
8121	KLHL22
8122	KLHL23
8123	KLHL24
8124	KLHL25
8125	KLHL26
8126	KLHL28
8127	KLHL29

8128	KLHL3
8129	KLHL30
8130	KLHL31
8131	KLHL32
8132	KLHL33
8133	KLHL34
8134	KLHL35
8135	KLHL36
8136	KLHL38
8137	KLHL4
8138	KLHL40
8139	KLHL41
8140	KLHL42
8141	KLHL5
8142	KLHL6
8143	KLHL7
8144	KLHL8
8145	KLHL9
8146	KLK1
8147	KLK10
8148	KLK11
8149	KLK12
8150	KLK13
8151	KLK14
8152	KLK15
8153	KLK2
8154	KLK3
8155	KLK4
8156	KLK5
8157	KLK6
8158	KLK7
8159	KLK8
8160	KLK9
8161	KLKB1
8162	KLLN
8163	KLRB1
8164	KLRC1
8165	KLRC2
8166	KLRC3
8167	KLRC4
8168	KLRD1
8169	KLRF1
8170	KLRF2

8171	KLRG1
8172	KLRG2
8173	KLRK1
8174	KMO
8175	KMT2A
8176	KMT2B
8177	KMT2C
8178	KMT2D
8179	KMT2E
8180	KMT5A
8181	KMT5B
8182	KMT5C
8183	KNCN
8184	KNDC1
8185	KNG1
8186	KNL1
8187	KNOP1
8188	KNSTRN
8189	KNTC1
8190	KPLCE
8191	KPNA1
8192	KPNA2
8193	KPNA3
8194	KPNA4
8195	KPNA5
8196	KPNA6
8197	KPNA7
8198	KPNB1
8199	KPRP
8200	KPTN
8201	KRAS
8202	KRBA1
8203	KRBA2
8204	KRBOX1
8205	KRBOX4
8206	KRBOX5
8207	KRCC1
8208	KREMEN1
8209	KREMEN2
8210	KRI1
8211	KRIT1
8212	KRR1
8213	KRT1

8214	KRT10
8215	KRT12
8216	KRT13
8217	KRT14
8218	KRT15
8219	KRT16
8220	KRT17
8221	KRT18
8222	KRT19
8223	KRT2
8224	KRT20
8225	KRT222
8226	KRT23
8227	KRT24
8228	KRT25
8229	KRT26
8230	KRT27
8231	KRT28
8232	KRT3
8233	KRT31
8234	KRT32
8235	KRT33A
8236	KRT33B
8237	KRT34
8238	KRT35
8239	KRT36
8240	KRT37
8241	KRT38
8242	KRT39
8243	KRT4
8244	KRT40
8245	KRT5
8246	KRT6A
8247	KRT6B
8248	KRT6C
8249	KRT7
8250	KRT71
8251	KRT72
8252	KRT73
8253	KRT74
8254	KRT75
8255	KRT77
8256	KRT78

8257	KRT79
8258	KRT8
8259	KRT80
8260	KRT81
8261	KRT82
8262	KRT84
8263	KRT85
8264	KRT86
8265	KRT9
8266	KRTAP1-1
8267	KRTAP1-3
8268	KRTAP1-4
8269	KRTAP1-5
8270	KRTAP10-1
8271	KRTAP10-10
8272	KRTAP10-2
8273	KRTAP10-3
8274	KRTAP10-4
8275	KRTAP10-5
8276	KRTAP10-6
8277	KRTAP10-7
8278	KRTAP10-8
8279	KRTAP10-9
8280	KRTAP11-1
8281	KRTAP12-1
8282	KRTAP12-2
8283	KRTAP12-3
8284	KRTAP12-4
8285	KRTAP13-1
8286	KRTAP13-2
8287	KRTAP13-3
8288	KRTAP13-4
8289	KRTAP15-1
8290	KRTAP16-1
8291	KRTAP17-1
8292	KRTAP19-1
8293	KRTAP19-4
8294	KRTAP19-5
8295	KRTAP19-6
8296	KRTAP19-7
8297	KRTAP2-1
8298	KRTAP2-2
8299	KRTAP2-3

8300	KRTAP2-4
8301	KRTAP20-2
8302	KRTAP20-3
8303	KRTAP20-4
8304	KRTAP21-2
8305	KRTAP22-1
8306	KRTAP22-2
8307	KRTAP23-1
8308	KRTAP24-1
8309	KRTAP25-1
8310	KRTAP26-1
8311	KRTAP27-1
8312	KRTAP29-1
8313	KRTAP3-1
8314	KRTAP3-2
8315	KRTAP4-1
8316	KRTAP4-16
8317	KRTAP4-3
8318	KRTAP4-4
8319	KRTAP4-5
8320	KRTAP4-7
8321	KRTAP4-8
8322	KRTAP5-1
8323	KRTAP5-10
8324	KRTAP5-11
8325	KRTAP5-2
8326	KRTAP5-3
8327	KRTAP5-4
8328	KRTAP5-5
8329	KRTAP5-6
8330	KRTAP5-8
8331	KRTAP5-9
8332	KRTAP6-2
8333	KRTAP6-3
8334	KRTAP7-1
8335	KRTAP8-1
8336	KRTAP9-1
8337	KRTAP9-2
8338	KRTAP9-3
8339	KRTAP9-4
8340	KRTAP9-6
8341	KRTAP9-7
8342	KRTAP9-8

8343	KRTAP9-9
8344	KRTCAP2
8345	KRTCAP3
8346	KRTDAP
8347	KSR1
8348	KSR2
8349	KTI12
8350	KTN1
8351	KXD1
8352	KY
8353	KYAT1
8354	KYAT3
8355	KYNU
8356	L1CAM
8357	L1TD1
8358	L2HGDH
8359	L3HYPDH
8360	L3MBTL1
8361	L3MBTL2
8362	L3MBTL3
8363	L3MBTL4
8364	LACC1
8365	LACRT
8366	LACTB
8367	LACTB2
8368	LACTBL1
8369	LAD1
8370	LAG3
8371	LAGE3
8372	LAIR1
8373	LAIR2
8374	LALBA
8375	LAMA1
8376	LAMA2
8377	LAMA3
8378	LAMA4
8379	LAMA5
8380	LAMB1
8381	LAMB2
8382	LAMB3
8383	LAMB4
8384	LAMC1
8385	LAMC2

8386	LAMC3
8387	LAMP1
8388	LAMP2
8389	LAMP3
8390	LAMP5
8391	LAMTOR1
8392	LAMTOR2
8393	LAMTOR3
8394	LAMTOR4
8395	LAMTOR5
8396	LANCL1
8397	LANCL2
8398	LANCL3
8399	LAP3
8400	LAPTM4A
8401	LAPTM4B
8402	LAPTM5
8403	LARGE1
8404	LARGE2
8405	LARP1
8406	LARP1B
8407	LARP4
8408	LARP4B
8409	LARP6
8410	LARP7
8411	LARS1
8412	LARS2
8413	LAS1L
8414	LASP1
8415	LASP1NB
8416	LAT
8417	LAT2
8418	LATS1
8419	LATS2
8420	LAX1
8421	LAYN
8422	LBH
8423	LBHD1
8424	LBHD2
8425	LBP
8426	LBR
8427	LBX1
8428	LBX2

8429	LCA5
8430	LCA5L
8431	LCAT
8432	LCE1A
8433	LCE1B
8434	LCE1C
8435	LCE1D
8436	LCE1F
8437	LCE2A
8438	LCE2C
8439	LCE2D
8440	LCE3C
8441	LCE3D
8442	LCE3E
8443	LCE4A
8444	LCE6A
8445	LCK
8446	LCLAT1
8447	LCMT1
8448	LCMT2
8449	LCN1
8450	LCN10
8451	LCN12
8452	LCN15
8453	LCN2
8454	LCN6
8455	LCN8
8456	LCN9
8457	LCNL1
8458	LCOR
8459	LCORL
8460	LCP1
8461	LCP2
8462	LCT
8463	LCTL
8464	LDAF1
8465	LDAH
8466	LDB1
8467	LDB2
8468	LDB3
8469	LDHA
8470	LDHAL6A
8471	LDHAL6B

8472	LDHB
8473	LDHC
8474	LDHD
8475	LDLR
8476	LDLRAD1
8477	LDLRAD2
8478	LDLRAD3
8479	LDLRAD4
8480	LDLRAP1
8481	LDOC1
8482	LEAP2
8483	LECT2
8484	LEF1
8485	LEFTY1
8486	LEKR1
8487	LELP1
8488	LEMD1
8489	LEMD2
8490	LEMD3
8491	LENEP
8492	LENG1
8493	LENG8
8494	LENG9
8495	LEO1
8496	LEP
8497	LEPR
8498	LEPROT
8499	LEPROTL1
8500	LETM1
8501	LETM2
8502	LETMD1
8503	LEUTX
8504	LFNG
8505	LGALS1
8506	LGALS12
8507	LGALS13
8508	LGALS14
8509	LGALS16
8510	LGALS2
8511	LGALS3
8512	LGALS3BP
8513	LGALS4
8514	LGALS7B

8515	LGALS8
8516	LGALS9
8517	LGALS9B
8518	LGALS9C
8519	LGALSL
8520	LGI1
8521	LGI2
8522	LGI3
8523	LGI4
8524	LGMN
8525	LGR4
8526	LGR5
8527	LGR6
8528	LGSN
8529	LHB
8530	LHCGR
8531	LHFPL1
8532	LHFPL2
8533	LHFPL3
8534	LHFPL4
8535	LHFPL5
8536	LHFPL6
8537	LHFPL7
8538	LHPP
8539	LHX1
8540	LHX2
8541	LHX3
8542	LHX4
8543	LHX5
8544	LHX6
8545	LHX8
8546	LHX9
8547	LIAS
8548	LIAT1
8549	LIF
8550	LIFR
8551	LIG1
8552	LIG3
8553	LIG4
8554	LILRA1
8555	LILRA2
8556	LILRA3
8557	LILRA4

8558	LILRA5
8559	LILRA6
8560	LILRB1
8561	LILRB2
8562	LILRB3
8563	LILRB4
8564	LILRB5
8565	LIM2
8566	LIMA1
8567	LIMCH1
8568	LIMD1
8569	LIMD2
8570	LIME1
8571	LIMK1
8572	LIMK2
8573	LIMS1
8574	LIMS2
8575	LIMS4
8576	LIN28A
8577	LIN28B
8578	LIN37
8579	LIN52
8580	LIN54
8581	LIN7A
8582	LIN7B
8583	LIN7C
8584	LIN9
8585	LINGO1
8586	LINGO2
8587	LINGO3
8588	LINGO4
8589	LINS1
8590	LIPA
8591	LIPC
8592	LIPE
8593	LIPF
8594	LIPG
8595	LIPH
8596	LIPI
8597	LIPJ
8598	LIPK
8599	LIPM
8600	LIPN

8601	LIPT1
8602	LIPT2
8603	LITAF
8604	LITAFD
8605	LIX1
8606	LIX1L
8607	LKAAEAR1
8608	LLCFC1
8609	LLGL1
8610	LLGL2
8611	LLPH
8612	LMAN1
8613	LMAN1L
8614	LMAN2
8615	LMAN2L
8616	LMBR1
8617	LMBR1L
8618	LMBRD1
8619	LMBRD2
8620	LMCD1
8621	LMF1
8622	LMF2
8623	LMLN
8624	LMNA
8625	LMNB1
8626	LMNB2
8627	LMNTD1
8628	LMNTD2
8629	LMO1
8630	LMO2
8631	LMO3
8632	LMO4
8633	LMO7
8634	LMOD1
8635	LMOD2
8636	LMOD3
8637	LMTK2
8638	LMTK3
8639	LMX1A
8640	LMX1B
8641	LNP1
8642	LNPEP
8643	LNPK

8644	LNX1
8645	LNX2
8646	LOC100996750
8647	LOC101059915
8648	LOC102723451
8649	LOC102723475
8650	LOC102723553
8651	LOC102723713
8652	LOC102723971
8653	LOC102724159
8654	LOC102724560
8655	LOC102724594
8656	LOC102724652
8657	LOC102725191
8658	LOC107983987
8659	LOC110384692
8660	LOC112694756
8661	LOC114841035
8662	LOC122319436
8663	LOC122394732
8664	LOC122455342
8665	LOC122513141
8666	LOC122526780
8667	LOC124906977
8668	LOC124907502
8669	LOC128031833
8670	LOC128071547
8671	LOC128092246
8672	LOC128092249
8673	LOC128092250
8674	LOC128092252
8675	LOC128125822
8676	LOC128706666
8677	LOC389831
8678	LOC400499
8679	LOC647264
8680	LOC728392
8681	LOC728743
8682	LOC730098
8683	LONP1
8684	LONP2
8685	LONRF1
8686	LONRF2

8687	LONRF3
8688	LORICRIN
8689	LOX
8690	LOXHD1
8691	LOXL1
8692	LOXL2
8693	LOXL3
8694	LOXL4
8695	LPA
8696	LPAR1
8697	LPAR2
8698	LPAR3
8699	LPAR4
8700	LPAR5
8701	LPAR6
8702	LPCAT1
8703	LPCAT2
8704	LPCAT3
8705	LPCAT4
8706	LPGAT1
8707	LPIN1
8708	LPIN2
8709	LPIN3
8710	LPL
8711	LPO
8712	LPP
8713	LPXN
8714	LRAT
8715	LRATD1
8716	LRATD2
8717	LRBA
8718	LRCH1
8719	LRCH2
8720	LRCH3
8721	LRCH4
8722	LRCOL1
8723	LRFN1
8724	LRFN2
8725	LRFN3
8726	LRFN4
8727	LRFN5
8728	LRG1
8729	LRGUK

8730	LRIF1
8731	LRIG1
8732	LRIG2
8733	LRIG3
8734	LRIT1
8735	LRIT2
8736	LRIT3
8737	LRMDA
8738	LRP1
8739	LRP10
8740	LRP11
8741	LRP12
8742	LRP1B
8743	LRP2
8744	LRP2BP
8745	LRP3
8746	LRP4
8747	LRP5
8748	LRP6
8749	LRP8
8750	LRPAP1
8751	LRPPRC
8752	LRR1
8753	LRR1C1
8754	LRR1C10
8755	LRR1C10B
8756	LRR1C14
8757	LRR1C14B
8758	LRR1C15
8759	LRR1C17
8760	LRR1C18
8761	LRR1C19
8762	LRR1C2
8763	LRR1C20
8764	LRR1C23
8765	LRR1C24
8766	LRR1C25
8767	LRR1C26
8768	LRR1C27
8769	LRR1C28
8770	LRR1C3
8771	LRR1C30
8772	LRR1C31

8773	LRRC32
8774	LRRC34
8775	LRRC36
8776	LRRC37A
8777	LRRC37A2
8778	LRRC37A3
8779	LRRC37B
8780	LRRC38
8781	LRRC39
8782	LRRC3B
8783	LRRC3C
8784	LRRC4
8785	LRRC40
8786	LRRC41
8787	LRRC42
8788	LRRC43
8789	LRRC45
8790	LRRC46
8791	LRRC47
8792	LRRC49
8793	LRRC4B
8794	LRRC4C
8795	LRRC51
8796	LRRC52
8797	LRRC53
8798	LRRC55
8799	LRRC56
8800	LRRC57
8801	LRRC58
8802	LRRC59
8803	LRRC61
8804	LRRC63
8805	LRRC66
8806	LRRC69
8807	LRRC7
8808	LRRC70
8809	LRRC71
8810	LRRC72
8811	LRRC73
8812	LRRC74A
8813	LRRC74B
8814	LRRC75A
8815	LRRC75B

8816	LRRC8A
8817	LRRC8B
8818	LRRC8C
8819	LRRC8D
8820	LRRC8E
8821	LRRC9
8822	LRRCC1
8823	LRRD1
8824	LRRFIP1
8825	LRRFIP2
8826	LRRIQ1
8827	LRRIQ3
8828	LRRIQ4
8829	LRRK1
8830	LRRK2
8831	LRRN1
8832	LRRN2
8833	LRRN3
8834	LRRN4
8835	LRRN4CL
8836	LRRTM1
8837	LRRTM2
8838	LRRTM3
8839	LRRTM4
8840	LRSAM1
8841	LRTM1
8842	LRTM2
8843	LRWD1
8844	LSAMP
8845	LSG1
8846	LSM1
8847	LSM10
8848	LSM11
8849	LSM12
8850	LSM14A
8851	LSM14B
8852	LSM2
8853	LSM3
8854	LSM4
8855	LSM6
8856	LSM7
8857	LSM8
8858	LSMEM1

8859	LSMEM2
8860	LSP1
8861	LSR
8862	LSS
8863	LST1
8864	LTA
8865	LTA4H
8866	LTB
8867	LTB4R
8868	LTB4R2
8869	LTBP1
8870	LTBP2
8871	LTBP3
8872	LTBP4
8873	LTBR
8874	LTC4S
8875	LTF
8876	LTK
8877	LTN1
8878	LTO1
8879	LTV1
8880	LUC7L
8881	LUC7L2
8882	LUC7L3
8883	LUM
8884	LURAP1
8885	LURAP1L
8886	LUZP1
8887	LUZP2
8888	LUZP4
8889	LVRN
8890	LXN
8891	LY6D
8892	LY6E
8893	LY6G5B
8894	LY6G5C
8895	LY6G6C
8896	LY6G6D
8897	LY6G6F
8898	LY6H
8899	LY6K
8900	LY6L
8901	LY6S

8902	LY75
8903	LY86
8904	LY9
8905	LY96
8906	LYAR
8907	LYG1
8908	LYG2
8909	LYL1
8910	LYN
8911	LYNX1
8912	LYPD1
8913	LYPD2
8914	LYPD3
8915	LYPD4
8916	LYPD5
8917	LYPD6
8918	LYPD6B
8919	LYPD8
8920	LYPLA1
8921	LYPLA2
8922	LYPLAL1
8923	LYRM1
8924	LYRM2
8925	LYRM4
8926	LYRM7
8927	LYRM9
8928	LYSET
8929	LYSMD1
8930	LYSMD2
8931	LYSMD3
8932	LYSMD4
8933	LYST
8934	LYVE1
8935	LYZ
8936	LYZL1
8937	LYZL2
8938	LYZL4
8939	LYZL6
8940	LZIC
8941	LZTFL1
8942	LZTR1
8943	LZTS1
8944	LZTS2

8945	LZTS3
8946	M1AP
8947	M6PR
8948	MAB21L1
8949	MAB21L2
8950	MAB21L3
8951	MAB21L4
8952	MACC1
8953	MACF1
8954	MACIR
8955	MACO1
8956	MACROD1
8957	MACROD2
8958	MACROH2A1
8959	MACROH2A2
8960	MAD1L1
8961	MAD2L1
8962	MAD2L1BP
8963	MAD2L2
8964	MADCAM1
8965	MADD
8966	MAEA
8967	MAEL
8968	MAF
8969	MAF1
8970	MAFB
8971	MAFF
8972	MAFG
8973	MAFK
8974	MAG
8975	MAGEA1
8976	MAGEA10
8977	MAGEA11
8978	MAGEA12
8979	MAGEA2B
8980	MAGEA3
8981	MAGEA4
8982	MAGEA6
8983	MAGEA8
8984	MAGEA9
8985	MAGEA9B
8986	MAGEB1
8987	MAGEB10

8988	MAGEB16
8989	MAGEB17
8990	MAGEB18
8991	MAGEB2
8992	MAGEB3
8993	MAGEB4
8994	MAGEB5
8995	MAGEB6
8996	MAGEB6B
8997	MAGEC1
8998	MAGEC2
8999	MAGEC3
9000	MAGED1
9001	MAGED2
9002	MAGED4
9003	MAGED4B
9004	MAGEE1
9005	MAGEE2
9006	MAGEF1
9007	MAGEH1
9008	MAGEL2
9009	MAGI1
9010	MAGI2
9011	MAGI3
9012	MAGIX
9013	MAGOH
9014	MAGOHB
9015	MAGT1
9016	MAIP1
9017	MAJIN
9018	MAK
9019	MAK16
9020	MAL
9021	MAL2
9022	MALL
9023	MALRD1
9024	MALSU1
9025	MALT1
9026	MAMDC2
9027	MAMDC4
9028	MAML1
9029	MAML2
9030	MAML3

9031	MAMLD1
9032	MAMSTR
9033	MAN1A1
9034	MAN1A2
9035	MAN1B1
9036	MAN1C1
9037	MAN2A1
9038	MAN2A2
9039	MAN2B1
9040	MAN2B2
9041	MAN2C1
9042	MANBA
9043	MANBAL
9044	MANEA
9045	MANEAL
9046	MANF
9047	MANSC1
9048	MANSC4
9049	MAOA
9050	MAOB
9051	MAP10
9052	MAP1A
9053	MAP1B
9054	MAP1LC3A
9055	MAP1LC3B
9056	MAP1LC3B2
9057	MAP1LC3C
9058	MAP1S
9059	MAP2
9060	MAP2K1
9061	MAP2K2
9062	MAP2K3
9063	MAP2K4
9064	MAP2K5
9065	MAP2K6
9066	MAP2K7
9067	MAP3K1
9068	MAP3K10
9069	MAP3K11
9070	MAP3K12
9071	MAP3K13
9072	MAP3K14
9073	MAP3K15

9074	MAP3K19
9075	MAP3K2
9076	MAP3K20
9077	MAP3K21
9078	MAP3K3
9079	MAP3K4
9080	MAP3K5
9081	MAP3K6
9082	MAP3K7
9083	MAP3K7CL
9084	MAP3K8
9085	MAP3K9
9086	MAP4
9087	MAP4K1
9088	MAP4K2
9089	MAP4K3
9090	MAP4K4
9091	MAP4K5
9092	MAP6
9093	MAP6D1
9094	MAP7
9095	MAP7D1
9096	MAP7D2
9097	MAP7D3
9098	MAP9
9099	MAPK1
9100	MAPK10
9101	MAPK11
9102	MAPK12
9103	MAPK13
9104	MAPK14
9105	MAPK15
9106	MAPK1IP1L
9107	MAPK3
9108	MAPK4
9109	MAPK6
9110	MAPK7
9111	MAPK8
9112	MAPK8IP1
9113	MAPK8IP2
9114	MAPK8IP3
9115	MAPK9
9116	MAPKAP1

9117	MAPKAPK2
9118	MAPKAPK3
9119	MAPKAPK5
9120	MAPKBP1
9121	MAPRE1
9122	MAPRE2
9123	MAPRE3
9124	MAPT
9125	MARCHF1
9126	MARCHF10
9127	MARCHF11
9128	MARCHF2
9129	MARCHF3
9130	MARCHF4
9131	MARCHF5
9132	MARCHF6
9133	MARCHF7
9134	MARCHF8
9135	MARCHF9
9136	MARCKS
9137	MARCKSL1
9138	MARCO
9139	MARCOL
9140	MARF1
9141	MARK1
9142	MARK2
9143	MARK3
9144	MARK4
9145	MARS1
9146	MARS2
9147	MARVELD1
9148	MARVELD2
9149	MARVELD3
9150	MAS1
9151	MAS1L
9152	MASP1
9153	MASP2
9154	MAST1
9155	MAST2
9156	MAST3
9157	MAST4
9158	MASTL
9159	MAT1A

9160	MAT2A
9161	MAT2B
9162	MATCAP1
9163	MATCAP2
9164	MATK
9165	MATN1
9166	MATN2
9167	MATN3
9168	MATN4
9169	MATR3
9170	MAU2
9171	MAVS
9172	MAX
9173	MAZ
9174	MB
9175	MB21D2
9176	MBD1
9177	MBD2
9178	MBD3
9179	MBD3L1
9180	MBD3L2B
9181	MBD3L4
9182	MBD4
9183	MBD5
9184	MBD6
9185	MBIP
9186	MBL2
9187	MBLAC1
9188	MBLAC2
9189	MBNL1
9190	MBNL2
9191	MBNL3
9192	MBOAT1
9193	MBOAT2
9194	MBOAT4
9195	MBOAT7
9196	MBP
9197	MBTD1
9198	MBTPS1
9199	MBTPS2
9200	MC1R
9201	MC2R
9202	MC3R

9203	MC4R
9204	MC5R
9205	MCAM
9206	MCAT
9207	MCC
9208	MCCC1
9209	MCCC2
9210	MCCD1
9211	MCEE
9212	MCEMP1
9213	MCF2
9214	MCF2L
9215	MCF2L2
9216	MCFD2
9217	MCHR1
9218	MCHR2
9219	MCIDAS
9220	MCL1
9221	MCM10
9222	MCM2
9223	MCM3
9224	MCM3AP
9225	MCM4
9226	MCM5
9227	MCM6
9228	MCM7
9229	MCM8
9230	MCM9
9231	MCMBP
9232	MCMD2C2
9233	MCOLN1
9234	MCOLN2
9235	MCOLN3
9236	MCPH1
9237	MCRIP1
9238	MCRIP2
9239	MCRS1
9240	MCTP1
9241	MCTP2
9242	MCTS1
9243	MCTS2
9244	MCU
9245	MCUB

9246	MCUR1
9247	MDC1
9248	MDFI
9249	MDFIC
9250	MDFIC2
9251	MDGA1
9252	MDGA2
9253	MDH1
9254	MDH1B
9255	MDH2
9256	MDK
9257	MDM1
9258	MDM2
9259	MDM4
9260	MDN1
9261	MDP1
9262	ME1
9263	ME2
9264	ME3
9265	MEA1
9266	MEAF6
9267	MEAK7
9268	MECOM
9269	MECP2
9270	MECR
9271	MED1
9272	MED10
9273	MED11
9274	MED12
9275	MED12L
9276	MED13
9277	MED13L
9278	MED14
9279	MED15
9280	MED16
9281	MED17
9282	MED18
9283	MED19
9284	MED20
9285	MED21
9286	MED22
9287	MED23
9288	MED24

9289	MED25
9290	MED26
9291	MED27
9292	MED28
9293	MED29
9294	MED30
9295	MED31
9296	MED4
9297	MED6
9298	MED7
9299	MED8
9300	MED9
9301	MEDAG
9302	MEF2A
9303	MEF2B
9304	MEF2C
9305	MEF2D
9306	MEFV
9307	MEGF10
9308	MEGF11
9309	MEGF6
9310	MEGF8
9311	MEGF9
9312	MEI1
9313	MEI4
9314	MEIG1
9315	MEIKIN
9316	MEIOB
9317	MEIOC
9318	MEIOSIN
9319	MEIS1
9320	MEIS2
9321	MEIS3
9322	MELK
9323	MELTF
9324	MEMO1
9325	MEN1
9326	MEOX1
9327	MEOX2
9328	MEP1A
9329	MEP1B
9330	MEPCE
9331	MEPE

9332	MERTK
9333	MESD
9334	MESP1
9335	MESP2
9336	MEST
9337	MET
9338	METAP1
9339	METAP1D
9340	METAP2
9341	METRNL
9342	METRNL
9343	METTL1
9344	METTL13
9345	METTL14
9346	METTL15
9347	METTL16
9348	METTL17
9349	METTL18
9350	METTL21A
9351	METTL21C
9352	METTL22
9353	METTL23
9354	METTL24
9355	METTL25
9356	METTL25B
9357	METTL26
9358	METTL27
9359	METTL2A
9360	METTL2B
9361	METTL3
9362	METTL4
9363	METTL5
9364	METTL6
9365	METTL8
9366	METTL9
9367	MEX3A
9368	MEX3B
9369	MEX3C
9370	MEX3D
9371	MFAP1
9372	MFAP2
9373	MFAP3
9374	MFAP3L

9375	MFAP4
9376	MFAP5
9377	MFF
9378	MFGE8
9379	MFHAS1
9380	MFN1
9381	MFN2
9382	MFNG
9383	MFRP
9384	MFSD1
9385	MFSD10
9386	MFSD11
9387	MFSD12
9388	MFSD13A
9389	MFSD14A
9390	MFSD14B
9391	MFSD2A
9392	MFSD2B
9393	MFSD3
9394	MFSD4A
9395	MFSD4B
9396	MFSD5
9397	MFSD6
9398	MFSD6L
9399	MFSD8
9400	MFSD9
9401	MGA
9402	MGAM
9403	MGAM2
9404	MGARP
9405	MGAT1
9406	MGAT2
9407	MGAT3
9408	MGAT4A
9409	MGAT4B
9410	MGAT4C
9411	MGAT4D
9412	MGAT5
9413	MGAT5B
9414	MGLL
9415	MGME1
9416	MGMT
9417	MGP

9418	MGRN1
9419	MGST1
9420	MGST2
9421	MGST3
9422	MIA
9423	MIA2
9424	MIA3
9425	MIB1
9426	MIB2
9427	MICA
9428	MICAL1
9429	MICAL2
9430	MICAL3
9431	MICALL1
9432	MICALL2
9433	MICB
9434	MICOS10
9435	MICOS13
9436	MICU1
9437	MICU2
9438	MICU3
9439	MID1
9440	MID1IP1
9441	MID2
9442	MIDEAS
9443	MIDN
9444	MIEF1
9445	MIEF2
9446	MIEN1
9447	MIER1
9448	MIER2
9449	MIER3
9450	MIF
9451	MIF4GD
9452	MIGA1
9453	MIGA2
9454	MIIP
9455	MILR1
9456	MINAR1
9457	MINAR2
9458	MINDY1
9459	MINDY2
9460	MINDY3

9461	MINDY4
9462	MINDY4B
9463	MINK1
9464	MINPP1
9465	MIOS
9466	MIOX
9467	MIP
9468	MIPEP
9469	MIPOL1
9470	MIS12
9471	MIS18A
9472	MIS18BP1
9473	MISFA
9474	MISP
9475	MISP3
9476	MITD1
9477	MITF
9478	MIX23
9479	MIXL1
9480	MKI67
9481	MKKS
9482	MKLN1
9483	MKNK1
9484	MKNK2
9485	MKRN1
9486	MKRN2
9487	MKRN2OS
9488	MKRN3
9489	MKS1
9490	MKX
9491	MLANA
9492	MLC1
9493	MLEC
9494	MLF1
9495	MLF2
9496	MLH1
9497	MLH3
9498	MLIP
9499	MLKL
9500	MLLT1
9501	MLLT10
9502	MLLT11
9503	MLLT3

9504	MLLT6
9505	MLN
9506	MLNR
9507	MLPH
9508	MLST8
9509	MLX
9510	MLXIP
9511	MLXIPL
9512	MLYCD
9513	MMAA
9514	MMAB
9515	MMACHC
9516	MMADHC
9517	MMD
9518	MMD2
9519	MME
9520	MMEL1
9521	MMGT1
9522	MMP1
9523	MMP10
9524	MMP11
9525	MMP12
9526	MMP13
9527	MMP14
9528	MMP15
9529	MMP16
9530	MMP17
9531	MMP19
9532	MMP2
9533	MMP20
9534	MMP21
9535	MMP23B
9536	MMP24
9537	MMP24OS
9538	MMP25
9539	MMP26
9540	MMP27
9541	MMP28
9542	MMP3
9543	MMP7
9544	MMP8
9545	MMP9
9546	MMRN1

9547	MMRN2
9548	MMS19
9549	MMS22L
9550	MMUT
9551	MN1
9552	MNAT1
9553	MND1
9554	MNDA
9555	MNS1
9556	MNT
9557	MNX1
9558	MOAP1
9559	MOB1A
9560	MOB1B
9561	MOB2
9562	MOB3A
9563	MOB3B
9564	MOB3C
9565	MOB4
9566	MOBP
9567	MOCOS
9568	MOCS1
9569	MOCS2
9570	MOCS3
9571	MOG
9572	MOGAT1
9573	MOGAT2
9574	MOGAT3
9575	MOGS
9576	MOK
9577	MON1A
9578	MON1B
9579	MON2
9580	MORC1
9581	MORC2
9582	MORC3
9583	MORC4
9584	MORF4L1
9585	MORF4L2
9586	MORN1
9587	MORN2
9588	MORN3
9589	MORN4

9590	MORN5
9591	MOS
9592	MOSMO
9593	MOSPD1
9594	MOSPD2
9595	MOSPD3
9596	MOV10
9597	MOV10L1
9598	MOXD1
9599	MPC1
9600	MPC1L
9601	MPC2
9602	MPDU1
9603	MPDZ
9604	MPEG1
9605	MPG
9606	MPHOSPH10
9607	MPHOSPH6
9608	MPHOSPH8
9609	MPHOSPH9
9610	MPI
9611	MPIG6B
9612	MPL
9613	MPLKIP
9614	MPND
9615	MPO
9616	MPP1
9617	MPP2
9618	MPP3
9619	MPP4
9620	MPP7
9621	MPPE1
9622	MPPED1
9623	MPPED2
9624	MPRIP
9625	MPST
9626	MPV17
9627	MPV17L
9628	MPV17L2
9629	MPZ
9630	MPZL1
9631	MPZL2
9632	MPZL3

9633	MR1
9634	MRAP
9635	MRAP2
9636	MRAS
9637	MRC1
9638	MRC2
9639	MRE11
9640	MREG
9641	MRFAP1
9642	MRFAP1L1
9643	MRFAP1L2
9644	MRGBP
9645	MRGPRD
9646	MRGPPE
9647	MRGPRF
9648	MRGPRG
9649	MRGPRX1
9650	MRGPRX2
9651	MRGPRX3
9652	MRGPRX4
9653	MRI1
9654	MRM1
9655	MRM2
9656	MRM3
9657	MRNIP
9658	MRO
9659	MROH1
9660	MROH2A
9661	MROH2B
9662	MROH5
9663	MROH6
9664	MROH7
9665	MROH8
9666	MROH9
9667	MRPL1
9668	MRPL10
9669	MRPL11
9670	MRPL13
9671	MRPL14
9672	MRPL15
9673	MRPL16
9674	MRPL17
9675	MRPL18

9676	MRPL19
9677	MRPL2
9678	MRPL20
9679	MRPL21
9680	MRPL22
9681	MRPL23
9682	MRPL24
9683	MRPL27
9684	MRPL28
9685	MRPL3
9686	MRPL30
9687	MRPL32
9688	MRPL34
9689	MRPL35
9690	MRPL36
9691	MRPL37
9692	MRPL38
9693	MRPL39
9694	MRPL4
9695	MRPL40
9696	MRPL41
9697	MRPL42
9698	MRPL43
9699	MRPL44
9700	MRPL45
9701	MRPL46
9702	MRPL47
9703	MRPL48
9704	MRPL49
9705	MRPL50
9706	MRPL51
9707	MRPL52
9708	MRPL53
9709	MRPL54
9710	MRPL55
9711	MRPL57
9712	MRPL58
9713	MRPL9
9714	MRPS10
9715	MRPS11
9716	MRPS14
9717	MRPS15
9718	MRPS16

9719	MRPS17
9720	MRPS18A
9721	MRPS18B
9722	MRPS18C
9723	MRPS2
9724	MRPS21
9725	MRPS22
9726	MRPS23
9727	MRPS24
9728	MRPS25
9729	MRPS26
9730	MRPS27
9731	MRPS28
9732	MRPS30
9733	MRPS31
9734	MRPS33
9735	MRPS34
9736	MRPS35
9737	MRPS36
9738	MRPS5
9739	MRPS6
9740	MRPS7
9741	MRPS9
9742	MRRF
9743	MRS2
9744	MRTFA
9745	MRTFB
9746	MRT04
9747	MS4A1
9748	MS4A10
9749	MS4A12
9750	MS4A13
9751	MS4A14
9752	MS4A15
9753	MS4A18
9754	MS4A2
9755	MS4A3
9756	MS4A4A
9757	MS4A4E
9758	MS4A5
9759	MS4A6A
9760	MS4A6E
9761	MS4A7

9762	MS4A8
9763	MSANTD2
9764	MSANTD3
9765	MSANTD4
9766	MSANTD5
9767	MSANTD7
9768	MSC
9769	MSGN1
9770	MSH2
9771	MSH3
9772	MSH4
9773	MSH5
9774	MSH6
9775	MSI1
9776	MSI2
9777	MSL1
9778	MSL2
9779	MSL3
9780	MSLN
9781	MSMB
9782	MSMO1
9783	MSMP
9784	MSN
9785	MSR1
9786	MSRA
9787	MSRB1
9788	MSRB2
9789	MSRB3
9790	MSS51
9791	MST1
9792	MST1R
9793	MSTN
9794	MSTO1
9795	MSX1
9796	MSX2
9797	MT1A
9798	MT1B
9799	MT1E
9800	MT1F
9801	MT1H
9802	MT1M
9803	MT1X
9804	MT2A

9805	MT3
9806	MT4
9807	MTA1
9808	MTA2
9809	MTA3
9810	MTAP
9811	MTARC1
9812	MTARC2
9813	MTBP
9814	MTCH1
9815	MTCH2
9816	MTCL1
9817	MTCP1
9818	MTDH
9819	MTERF1
9820	MTERF2
9821	MTERF3
9822	MTERF4
9823	MTF1
9824	MTF2
9825	MTFMT
9826	MTFP1
9827	MTFR1
9828	MTFR1L
9829	MTFR2
9830	MTG1
9831	MTG2
9832	MTHFD1
9833	MTHFD1L
9834	MTHFD2
9835	MTHFD2L
9836	MTHFR
9837	MTHFS
9838	MTHFSD
9839	MTIF2
9840	MTIF3
9841	MTLN
9842	MTM1
9843	MTMR1
9844	MTMR10
9845	MTMR11
9846	MTMR12
9847	MTMR14

9848	MTMR2
9849	MTMR3
9850	MTMR4
9851	MTMR6
9852	MTMR7
9853	MTMR8
9854	MTMR9
9855	MTNR1A
9856	MTNR1B
9857	MTO1
9858	MTOR
9859	MTPAP
9860	MTPN
9861	MTR
9862	MTRES1
9863	MTREX
9864	MTRF1
9865	MTRF1L
9866	MTRFR
9867	MTRR
9868	MTSS1
9869	MTSS2
9870	MTPP
9871	MTURN
9872	MTUS1
9873	MTUS2
9874	MTX1
9875	MTX2
9876	MTX3
9877	MUC1
9878	MUC12
9879	MUC13
9880	MUC15
9881	MUC17
9882	MUC19
9883	MUC2
9884	MUC20
9885	MUC21
9886	MUC22
9887	MUC3A
9888	MUC4
9889	MUC5AC
9890	MUC5B

9891	MUC6
9892	MUC7
9893	MUCL1
9894	MUCL3
9895	MUL1
9896	MUS81
9897	MUSK
9898	MUSTN1
9899	MUTYH
9900	MVB12A
9901	MVB12B
9902	MVD
9903	MVK
9904	MVP
9905	MX1
9906	MX2
9907	MXD1
9908	MXD3
9909	MXD4
9910	MXI1
9911	MXRA5
9912	MXRA7
9913	MXRA8
9914	MYADM
9915	MYADML2
9916	MYB
9917	MYBBP1A
9918	MYBL1
9919	MYBL2
9920	MYBPC1
9921	MYBPC2
9922	MYBPC3
9923	MYBPH
9924	MYBPHL
9925	MYC
9926	MYCBP
9927	MYCBP2
9928	MYCBPAP
9929	MYCL
9930	MYCN
9931	MYCT1
9932	MYD88
9933	MYDGF

9934	MYEF2
9935	MYEOV
9936	MYF5
9937	MYF6
9938	MYG1
9939	MYH1
9940	MYH10
9941	MYH11
9942	MYH13
9943	MYH14
9944	MYH15
9945	MYH2
9946	MYH3
9947	MYH4
9948	MYH6
9949	MYH7
9950	MYH7B
9951	MYH8
9952	MYH9
9953	MYL1
9954	MYL10
9955	MYL11
9956	MYL12A
9957	MYL12B
9958	MYL2
9959	MYL3
9960	MYL4
9961	MYL5
9962	MYL6
9963	MYL6B
9964	MYL7
9965	MYL9
9966	MYLIP
9967	MYLK
9968	MYLK2
9969	MYLK3
9970	MYLK4
9971	MYMK
9972	MYMX
9973	MYNN
9974	MYO10
9975	MYO15A
9976	MYO15B

9977	MYO16
9978	MYO18A
9979	MYO18B
9980	MYO19
9981	MYO1A
9982	MYO1B
9983	MYO1C
9984	MYO1D
9985	MYO1E
9986	MYO1F
9987	MYO1G
9988	MYO1H
9989	MYO3A
9990	MYO3B
9991	MYO5A
9992	MYO5B
9993	MYO5C
9994	MYO6
9995	MYO7A
9996	MYO7B
9997	MYO9A
9998	MYO9B
9999	MYOC
10000	MYOCD
10001	MYOCOS
10002	MYOD1
10003	MYOF
10004	MYOG
10005	MYOM1
10006	MYOM2
10007	MYOM3
10008	MYORG
10009	MYOT
10010	MYOZ1
10011	MYOZ2
10012	MYOZ3
10013	MYPN
10014	MYPOP
10015	MYRF
10016	MYRFL
10017	MYRIP
10018	MYSM1
10019	MYT1

10020	MYT1L
10021	MYZAP
10022	MZB1
10023	MZF1
10024	MZT1
10025	MZT2A
10026	MZT2B
10027	N4BP1
10028	N4BP2
10029	N4BP2L1
10030	N4BP2L2
10031	N4BP3
10032	N6AMT1
10033	NAA10
10034	NAA11
10035	NAA15
10036	NAA16
10037	NAA20
10038	NAA25
10039	NAA30
10040	NAA35
10041	NAA40
10042	NAA50
10043	NAA60
10044	NAA80
10045	NAAA
10046	NAALAD2
10047	NAALADL1
10048	NAALADL2
10049	NAB1
10050	NAB2
10051	NABP1
10052	NABP2
10053	NACA
10054	NACA2
10055	NACAD
10056	NACC1
10057	NACC2
10058	NADK
10059	NADK2
10060	NADSYN1
10061	NAE1
10062	NAF1

10063	NAGA
10064	NAGK
10065	NAGLU
10066	NAGPA
10067	NAGS
10068	NAIF1
10069	NAIP
10070	NALCN
10071	NALF1
10072	NALF2
10073	NAMPT
10074	NANOG
10075	NANOGB
10076	NANOGP8
10077	NANOS1
10078	NANOS2
10079	NANOS3
10080	NANP
10081	NANS
10082	NAP1L1
10083	NAP1L2
10084	NAP1L3
10085	NAP1L4
10086	NAP1L5
10087	NAPA
10088	NAPB
10089	NAPEPLD
10090	NAPG
10091	NAPRT
10092	NAPSA
10093	NARF
10094	NARS1
10095	NARS2
10096	NASP
10097	NAT1
10098	NAT10
10099	NAT14
10100	NAT16
10101	NAT2
10102	NAT8
10103	NAT8L
10104	NAT9
10105	NATD1

10106	NAV1
10107	NAV2
10108	NAV3
10109	NAXD
10110	NAXE
10111	NBAS
10112	NBDY
10113	NBEA
10114	NBEAL1
10115	NBEAL2
10116	NBL1
10117	NBN
10118	NBPF1
10119	NBPF11
10120	NBPF12
10121	NBPF15
10122	NBPF20
10123	NBPF26
10124	NBPF3
10125	NBPF4
10126	NBPF6
10127	NBR1
10128	NCALD
10129	NCAM1
10130	NCAM2
10131	NCAN
10132	NCAPD2
10133	NCAPD3
10134	NCAPG
10135	NCAPG2
10136	NCAPH
10137	NCAPH2
10138	NCBP1
10139	NCBP2
10140	NCBP2AS2
10141	NCBP3
10142	NCCRP1
10143	NCDN
10144	NCEH1
10145	NCF1
10146	NCF2
10147	NCF4
10148	NCK1

10149	NCK2
10150	NCKAP1
10151	NCKAP1L
10152	NCKAP5
10153	NCKAP5L
10154	NCKIPSD
10155	NCL
10156	NCLN
10157	NCMAP
10158	NCOA1
10159	NCOA2
10160	NCOA3
10161	NCOA4
10162	NCOA5
10163	NCOA6
10164	NCOA7
10165	NCOR1
10166	NCOR2
10167	NCR1
10168	NCR2
10169	NCR3
10170	NCR3LG1
10171	NCS1
10172	NCSTN
10173	NDC1
10174	NDC80
10175	NDE1
10176	NDEL1
10177	NDFIP1
10178	NDFIP2
10179	NDN
10180	NDNF
10181	NDOR1
10182	NDP
10183	NDRG1
10184	NDRG2
10185	NDRG3
10186	NDRG4
10187	NDST1
10188	NDST2
10189	NDST3
10190	NDST4
10191	NDUFA1

10192	NDUFA10
10193	NDUFA11
10194	NDUFA12
10195	NDUFA13
10196	NDUFA2
10197	NDUFA3
10198	NDUFA4
10199	NDUFA4L2
10200	NDUFA5
10201	NDUFA6
10202	NDUFA7
10203	NDUFA8
10204	NDUFA9
10205	NDUFAB1
10206	NDUFAF1
10207	NDUFAF2
10208	NDUFAF3
10209	NDUFAF4
10210	NDUFAF5
10211	NDUFAF6
10212	NDUFAF7
10213	NDUFAF8
10214	NDUFB10
10215	NDUFB11
10216	NDUFB2
10217	NDUFB3
10218	NDUFB4
10219	NDUFB5
10220	NDUFB6
10221	NDUFB7
10222	NDUFB8
10223	NDUFB9
10224	NDUFC1
10225	NDUFC2
10226	NDUFS1
10227	NDUFS2
10228	NDUFS3
10229	NDUFS4
10230	NDUFS5
10231	NDUFS6
10232	NDUFS7
10233	NDUFS8
10234	NDUFV1

10235	NDUFV2
10236	NDUFV3
10237	NEB
10238	NEBL
10239	NECAB1
10240	NECAB2
10241	NECAB3
10242	NECAP1
10243	NECAP2
10244	NECTIN1
10245	NECTIN2
10246	NECTIN3
10247	NECTIN4
10248	NEDD1
10249	NEDD4
10250	NEDD4L
10251	NEDD8
10252	NEDD9
10253	NEFH
10254	NEFL
10255	NEFM
10256	NEGR1
10257	NEIL1
10258	NEIL2
10259	NEIL3
10260	NEK1
10261	NEK10
10262	NEK11
10263	NEK2
10264	NEK3
10265	NEK4
10266	NEK5
10267	NEK6
10268	NEK7
10269	NEK8
10270	NEK9
10271	NELFA
10272	NELFB
10273	NELFCD
10274	NELFE
10275	NELL1
10276	NELL2
10277	NEMF

10278	NEMP1
10279	NEMP2
10280	NENF
10281	NEO1
10282	NEPRO
10283	NES
10284	NET1
10285	NETO1
10286	NETO2
10287	NEU1
10288	NEU2
10289	NEU3
10290	NEU4
10291	NEURL1
10292	NEURL1B
10293	NEURL2
10294	NEURL3
10295	NEURL4
10296	NEUROD1
10297	NEUROD2
10298	NEUROD4
10299	NEUROD6
10300	NEUROG1
10301	NEUROG2
10302	NEUROG3
10303	NEXMIF
10304	NEXN
10305	NF1
10306	NF2
10307	NFAM1
10308	NFASC
10309	NFAT5
10310	NFATC1
10311	NFATC2
10312	NFATC2IP
10313	NFATC3
10314	NFATC4
10315	NFE2
10316	NFE2L1
10317	NFE2L2
10318	NFE2L3
10319	NFIA
10320	NFIB

10321	NFIC
10322	NFIL3
10323	NFILZ
10324	NFIX
10325	NFKB1
10326	NFKB2
10327	NFKBIA
10328	NFKBIB
10329	NFKBID
10330	NFKBIE
10331	NFKBIL1
10332	NFKBIZ
10333	NFRKB
10334	NFS1
10335	NFU1
10336	NFX1
10337	NFXL1
10338	NFYA
10339	NFYB
10340	NFYC
10341	NGB
10342	NGDN
10343	NGEF
10344	NGF
10345	NGFR
10346	NGLY1
10347	NGRN
10348	NHEJ1
10349	NHERF1
10350	NHERF2
10351	NHERF4
10352	NHLH1
10353	NHLH2
10354	NHLRC1
10355	NHLRC2
10356	NHLRC3
10357	NHLRC4
10358	NHP2
10359	NHS
10360	NHSL1
10361	NHSL2
10362	NIBAN1
10363	NIBAN2

10364	NIBAN3
10365	NICN1
10366	NICOL1
10367	NID1
10368	NID2
10369	NIF3L1
10370	NIFK
10371	NIM1K
10372	NIN
10373	NINJ1
10374	NINJ2
10375	NINL
10376	NIP7
10377	NIPA1
10378	NIPA2
10379	NIPAL1
10380	NIPAL2
10381	NIPAL3
10382	NIPAL4
10383	NIPBL
10384	NIPSNAP1
10385	NIPSNAP2
10386	NIPSNAP3A
10387	NIPSNAP3B
10388	NISCH
10389	NIT1
10390	NIT2
10391	NKAIN1
10392	NKAIN2
10393	NKAIN3
10394	NKAIN4
10395	NKAP
10396	NKAPD1
10397	NKAPL
10398	NKD1
10399	NKD2
10400	NKG7
10401	NKIRAS1
10402	NKIRAS2
10403	NKPD1
10404	NKRF
10405	NKTR
10406	NKX1-1

10407	NKX1-2
10408	NKX2-1
10409	NKX2-2
10410	NKX2-3
10411	NKX2-4
10412	NKX2-5
10413	NKX2-6
10414	NKX2-8
10415	NKX3-1
10416	NKX3-2
10417	NKX6-1
10418	NKX6-2
10419	NKX6-3
10420	NLE1
10421	NLGN1
10422	NLGN2
10423	NLGN3
10424	NLGN4X
10425	NLGN4Y
10426	NLK
10427	NLN
10428	NLRC3
10429	NLRC4
10430	NLRC5
10431	NLRP1
10432	NLRP10
10433	NLRP11
10434	NLRP12
10435	NLRP13
10436	NLRP14
10437	NLRP2
10438	NLRP2B
10439	NLRP3
10440	NLRP4
10441	NLRP5
10442	NLRP6
10443	NLRP7
10444	NLRP8
10445	NLRP9
10446	NLRX1
10447	NMB
10448	NMBR
10449	NMD3

10450	NME1
10451	NME2
10452	NME3
10453	NME4
10454	NME5
10455	NME6
10456	NME7
10457	NME8
10458	NME9
10459	NMI
10460	NMNAT1
10461	NMNAT2
10462	NMNAT3
10463	NMRAL1
10464	NMRK1
10465	NMRK2
10466	NMS
10467	NMT1
10468	NMT2
10469	NMU
10470	NMUR1
10471	NMUR2
10472	NNAT
10473	NNMT
10474	NNT
10475	NOA1
10476	NOB1
10477	NOBOX
10478	NOC2L
10479	NOC3L
10480	NOC4L
10481	NOCT
10482	NOD1
10483	NOD2
10484	NODAL
10485	NOG
10486	NOL10
10487	NOL11
10488	NOL12
10489	NOL3
10490	NOL4
10491	NOL4L
10492	NOL6

10493	NOL7
10494	NOL8
10495	NOL9
10496	NOLC1
10497	NOM1
10498	NOMO1
10499	NOMO3
10500	NONO
10501	NOP10
10502	NOP14
10503	NOP16
10504	NOP2
10505	NOP53
10506	NOP56
10507	NOP58
10508	NOP9
10509	NOPCHAP1
10510	NOS1
10511	NOS1AP
10512	NOS2
10513	NOS3
10514	NOSIP
10515	NOSTRIN
10516	NOTCH1
10517	NOTCH2
10518	NOTCH2NLC
10519	NOTCH3
10520	NOTCH4
10521	NOTO
10522	NOTUM
10523	NOVA1
10524	NOVA2
10525	NOX1
10526	NOX3
10527	NOX4
10528	NOX5
10529	NOXA1
10530	NOXO1
10531	NOXRED1
10532	NPAP1
10533	NPAS1
10534	NPAS2
10535	NPAS3

10536	NPAS4
10537	NPAT
10538	NPB
10539	NPBWR1
10540	NPBWR2
10541	NPC1
10542	NPC1L1
10543	NPC2
10544	NPDC1
10545	NPEPL1
10546	NPEPPS
10547	NPFF
10548	NPFFR1
10549	NPFFR2
10550	NPHP1
10551	NPHP3
10552	NPHP4
10553	NPHS1
10554	NPHS2
10555	NPIPA1
10556	NPIPA2
10557	NPIPB11
10558	NPIPB13
10559	NPIPB15
10560	NPIPB2
10561	NPIPB3
10562	NPIPB5
10563	NPIPB6
10564	NPIPB7
10565	NPIPB9
10566	NPL
10567	NPLOC4
10568	NPM1
10569	NPM2
10570	NPM3
10571	NPNT
10572	NPPA
10573	NPPB
10574	NPPC
10575	NPR1
10576	NPR2
10577	NPR3
10578	NPRL2

10579	NPRL3
10580	NPS
10581	NPSR1
10582	NPTN
10583	NPTX1
10584	NPTX2
10585	NPTXR
10586	NPVF
10587	NPW
10588	NPY
10589	NPY1R
10590	NPY2R
10591	NPY4R
10592	NPY4R2
10593	NPY5R
10594	NQO1
10595	NQO2
10596	NR0B1
10597	NR0B2
10598	NR1D1
10599	NR1D2
10600	NR1H2
10601	NR1H3
10602	NR1H4
10603	NR1I2
10604	NR1I3
10605	NR2C1
10606	NR2C2
10607	NR2C2AP
10608	NR2E1
10609	NR2E3
10610	NR2F1
10611	NR2F2
10612	NR2F6
10613	NR3C1
10614	NR3C2
10615	NR4A1
10616	NR4A2
10617	NR4A3
10618	NR5A1
10619	NR5A2
10620	NR6A1
10621	NRAP

10622	NRARP
10623	NRAS
10624	NRBF2
10625	NRBP1
10626	NRBP2
10627	NRCAM
10628	NRDC
10629	NRDE2
10630	NREP
10631	NRF1
10632	NRG1
10633	NRG2
10634	NRG3
10635	NRG4
10636	NRGN
10637	NRIP1
10638	NRIP2
10639	NRIP3
10640	NRK
10641	NRL
10642	NRM
10643	NRN1
10644	NRN1L
10645	NRP1
10646	NRP2
10647	NRROS
10648	NRSN1
10649	NRSN2
10650	NRTN
10651	NRXN1
10652	NRXN2
10653	NRXN3
10654	NSA2
10655	NSD1
10656	NSD2
10657	NSD3
10658	NSDHL
10659	NSF
10660	NSFL1C
10661	NSG1
10662	NSG2
10663	NSL1
10664	NSMAF

10665	NSMCE1
10666	NSMCE2
10667	NSMCE3
10668	NSMCE4A
10669	NSMF
10670	NSRP1
10671	NSUN2
10672	NSUN3
10673	NSUN4
10674	NSUN5
10675	NSUN6
10676	NSUN7
10677	NT5C
10678	NT5C1A
10679	NT5C1B
10680	NT5C2
10681	NT5C3A
10682	NT5C3B
10683	NT5DC1
10684	NT5DC2
10685	NT5DC3
10686	NT5DC4
10687	NT5E
10688	NT5M
10689	NTAN1
10690	NTAQ1
10691	NTF3
10692	NTF4
10693	NTHL1
10694	NTM
10695	NTMT1
10696	NTMT2
10697	NTN1
10698	NTN3
10699	NTN4
10700	NTN5
10701	NTNG1
10702	NTNG2
10703	NTPCR
10704	NTRK1
10705	NTRK2
10706	NTRK3
10707	NTS

10708	NTSR1
10709	NTSR2
10710	NUAK1
10711	NUAK2
10712	NUB1
10713	NUBP1
10714	NUBP2
10715	NUBPL
10716	NUCB1
10717	NUCB2
10718	NUCKS1
10719	NUDC
10720	NUDCD1
10721	NUDCD2
10722	NUDCD3
10723	NUDT1
10724	NUDT10
10725	NUDT11
10726	NUDT12
10727	NUDT13
10728	NUDT14
10729	NUDT15
10730	NUDT16
10731	NUDT16L1
10732	NUDT17
10733	NUDT18
10734	NUDT19
10735	NUDT2
10736	NUDT21
10737	NUDT22
10738	NUDT3
10739	NUDT4
10740	NUDT4B
10741	NUDT5
10742	NUDT6
10743	NUDT7
10744	NUDT8
10745	NUDT9
10746	NUF2
10747	NUFIP1
10748	NUFIP2
10749	NUGGC
10750	NUMA1

10751	NUMB
10752	NUMBL
10753	NUP107
10754	NUP133
10755	NUP153
10756	NUP155
10757	NUP160
10758	NUP188
10759	NUP205
10760	NUP210
10761	NUP210L
10762	NUP214
10763	NUP35
10764	NUP37
10765	NUP42
10766	NUP43
10767	NUP50
10768	NUP54
10769	NUP58
10770	NUP62
10771	NUP62CL
10772	NUP85
10773	NUP88
10774	NUP93
10775	NUP98
10776	NUPR1
10777	NUPR2
10778	NUS1
10779	NUSAP1
10780	NUTF2
10781	NUTM1
10782	NUTM2A
10783	NUTM2B
10784	NUTM2D
10785	NUTM2E
10786	NUTM2F
10787	NUTM2G
10788	NVL
10789	NWD1
10790	NWD2
10791	NXF1
10792	NXF2
10793	NXF2B

10794	NXF3
10795	NXN
10796	NXNL1
10797	NXNL2
10798	NXPE1
10799	NXPE2
10800	NXPE3
10801	NXPE4
10802	NXPH1
10803	NXPH2
10804	NXPH3
10805	NXPH4
10806	NXT1
10807	NXT2
10808	NYAP1
10809	NYAP2
10810	NYNRIN
10811	NYX
10812	OAF
10813	OARD1
10814	OAS1
10815	OAS2
10816	OAS3
10817	OASL
10818	OAT
10819	OAZ1
10820	OAZ2
10821	OAZ3
10822	OBI1
10823	OBP2A
10824	OBP2B
10825	OBSCN
10826	OBSL1
10827	OC90
10828	OCA2
10829	OCEL1
10830	OCIAD1
10831	OCIAD2
10832	OCLN
10833	OCM2
10834	OCRL
10835	OCSTAMP
10836	ODAD1

10837	ODAD2
10838	ODAD3
10839	ODAD4
10840	ODAM
10841	ODAPH
10842	ODC1
10843	ODF1
10844	ODF2
10845	ODF2L
10846	ODF4
10847	ODR4
10848	OFD1
10849	OGA
10850	OGDH
10851	OGDHL
10852	OGFOD1
10853	OGFOD2
10854	OGFOD3
10855	OGFR
10856	OGFRL1
10857	OGG1
10858	OGN
10859	OGT
10860	OIP5
10861	OIT3
10862	OLA1
10863	OLAH
10864	OLFM1
10865	OLFM2
10866	OLFM3
10867	OLFM4
10868	OLFML1
10869	OLFML2A
10870	OLFML2B
10871	OLFML3
10872	OLIG1
10873	OLIG2
10874	OLIG3
10875	OLR1
10876	OMA1
10877	OMD
10878	OMG
10879	OMP

10880	ONECUT1
10881	ONECUT2
10882	ONECUT3
10883	OOEP
10884	OOSP1
10885	OOSP2
10886	OOSP3
10887	OOSP4A
10888	OOSP4B
10889	OPA1
10890	OPA3
10891	OPALIN
10892	OPCML
10893	OPHN1
10894	OPLAH
10895	OPN1LW
10896	OPN1MW3
10897	OPN1SW
10898	OPN3
10899	OPN4
10900	OPN5
10901	OPRD1
10902	OPRK1
10903	OPRL1
10904	OPRM1
10905	OPRPN
10906	OPTC
10907	OPTN
10908	OR10A2
10909	OR10A3
10910	OR10A4
10911	OR10A5
10912	OR10A6
10913	OR10A7
10914	OR10AC1
10915	OR10AD1
10916	OR10AG1
10917	OR10C1
10918	OR10D3
10919	OR10G2
10920	OR10G3
10921	OR10G4
10922	OR10G6

10923	OR10G7
10924	OR10G8
10925	OR10G9
10926	OR10H1
10927	OR10H2
10928	OR10H3
10929	OR10H4
10930	OR10H5
10931	OR10J1
10932	OR10J4
10933	OR10J5
10934	OR10K1
10935	OR10K2
10936	OR10P1
10937	OR10Q1
10938	OR10R2
10939	OR10S1
10940	OR10T2
10941	OR10V1
10942	OR10W1
10943	OR10X1
10944	OR10Z1
10945	OR11A1
10946	OR11G2
10947	OR11H1
10948	OR11H12
10949	OR11H2
10950	OR11H4
10951	OR11H6
10952	OR11H7
10953	OR11L1
10954	OR12D1
10955	OR12D2
10956	OR12D3
10957	OR13A1
10958	OR13C2
10959	OR13C3
10960	OR13C4
10961	OR13C5
10962	OR13C8
10963	OR13C9
10964	OR13D1
10965	OR13F1

10966	OR13G1
10967	OR13H1
10968	OR13J1
10969	OR14A16
10970	OR14A2
10971	OR14C36
10972	OR14I1
10973	OR14J1
10974	OR14K1
10975	OR1A1
10976	OR1A2
10977	OR1B1
10978	OR1C1
10979	OR1D2
10980	OR1D4
10981	OR1D5
10982	OR1E1
10983	OR1E2
10984	OR1F1
10985	OR1G1
10986	OR1I1
10987	OR1J1
10988	OR1J2
10989	OR1J4
10990	OR1K1
10991	OR1L1
10992	OR1L3
10993	OR1L4
10994	OR1L6
10995	OR1L8
10996	OR1M1
10997	OR1N1
10998	OR1N2
10999	OR1Q1
11000	OR1R1P
11001	OR1S1
11002	OR1S2
11003	OR2A1
11004	OR2A12
11005	OR2A14
11006	OR2A2
11007	OR2A25
11008	OR2A4

11009	OR2A5
11010	OR2A7
11011	OR2AE1
11012	OR2AG1
11013	OR2AG2
11014	OR2AJ1
11015	OR2AK2
11016	OR2AP1
11017	OR2AT4
11018	OR2B11
11019	OR2B2
11020	OR2B3
11021	OR2B6
11022	OR2B8P
11023	OR2C1
11024	OR2C3
11025	OR2D2
11026	OR2D3
11027	OR2F1
11028	OR2F2
11029	OR2G2
11030	OR2G3
11031	OR2G6
11032	OR2H1
11033	OR2H2
11034	OR2I1P
11035	OR2J1
11036	OR2J2
11037	OR2J3
11038	OR2K2
11039	OR2L13
11040	OR2L2
11041	OR2L3
11042	OR2L5
11043	OR2L8
11044	OR2M2
11045	OR2M3
11046	OR2M4
11047	OR2M5
11048	OR2M7
11049	OR2S2
11050	OR2T1
11051	OR2T10

11052	OR2T11
11053	OR2T12
11054	OR2T2
11055	OR2T27
11056	OR2T3
11057	OR2T33
11058	OR2T34
11059	OR2T35
11060	OR2T4
11061	OR2T5
11062	OR2T6
11063	OR2T7
11064	OR2T8
11065	OR2V1
11066	OR2V2
11067	OR2W1
11068	OR2W3
11069	OR2Y1
11070	OR2Z1
11071	OR3A1
11072	OR3A2
11073	OR3A3
11074	OR4A15
11075	OR4A16
11076	OR4A47
11077	OR4A5
11078	OR4B1
11079	OR4C11
11080	OR4C12
11081	OR4C13
11082	OR4C15
11083	OR4C16
11084	OR4C3
11085	OR4C45
11086	OR4C46
11087	OR4C5
11088	OR4C6
11089	OR4D1
11090	OR4D10
11091	OR4D11
11092	OR4D2
11093	OR4D5
11094	OR4D6

11095	OR4D9
11096	OR4E1
11097	OR4E2
11098	OR4F15
11099	OR4F17
11100	OR4F29
11101	OR4F5
11102	OR4F6
11103	OR4K1
11104	OR4K13
11105	OR4K14
11106	OR4K15
11107	OR4K17
11108	OR4K2
11109	OR4K3
11110	OR4K5
11111	OR4L1
11112	OR4M1
11113	OR4M2
11114	OR4M2B
11115	OR4N2
11116	OR4N4C
11117	OR4P4
11118	OR4Q2
11119	OR4Q3
11120	OR4S1
11121	OR4S2
11122	OR4X1
11123	OR4X2
11124	OR51A2
11125	OR51A4
11126	OR51A7
11127	OR51B2
11128	OR51B4
11129	OR51B5
11130	OR51B6
11131	OR51D1
11132	OR51E1
11133	OR51E2
11134	OR51F1
11135	OR51F2
11136	OR51G1
11137	OR51G2

11138	OR51I1
11139	OR51I2
11140	OR51L1
11141	OR51M1
11142	OR51Q1
11143	OR51S1
11144	OR51T1
11145	OR51V1
11146	OR52A1
11147	OR52A5
11148	OR52B2
11149	OR52B4
11150	OR52B6
11151	OR52D1
11152	OR52E1
11153	OR52E2
11154	OR52E4
11155	OR52E5
11156	OR52E6
11157	OR52E8
11158	OR52H1
11159	OR52I1
11160	OR52I2
11161	OR52J3
11162	OR52K1
11163	OR52K2
11164	OR52L1
11165	OR52M1
11166	OR52N1
11167	OR52N2
11168	OR52N4
11169	OR52N5
11170	OR52P1
11171	OR52R1
11172	OR52W1
11173	OR56A1
11174	OR56A3
11175	OR56A4
11176	OR56A5
11177	OR56B1
11178	OR56B2P
11179	OR56B4
11180	OR5A1

11181	OR5A2
11182	OR5AC2
11183	OR5AK2
11184	OR5AL1
11185	OR5AN1
11186	OR5AP2
11187	OR5AR1
11188	OR5AS1
11189	OR5AU1
11190	OR5B12
11191	OR5B17
11192	OR5B2
11193	OR5B21
11194	OR5B3
11195	OR5C1
11196	OR5D13
11197	OR5D14
11198	OR5D16
11199	OR5D18
11200	OR5F1
11201	OR5H1
11202	OR5H14
11203	OR5H15
11204	OR5H2
11205	OR5H6
11206	OR5I1
11207	OR5J2
11208	OR5K1
11209	OR5K2
11210	OR5K3
11211	OR5K4
11212	OR5L1
11213	OR5M1
11214	OR5M10
11215	OR5M11
11216	OR5M3
11217	OR5M8
11218	OR5M9
11219	OR5P2
11220	OR5P3
11221	OR5T1
11222	OR5T2
11223	OR5T3

11224	OR5V1
11225	OR5W2
11226	OR6A2
11227	OR6B1
11228	OR6B2
11229	OR6B3
11230	OR6C1
11231	OR6C2
11232	OR6C3
11233	OR6C4
11234	OR6C6
11235	OR6C65
11236	OR6C68
11237	OR6C70
11238	OR6C74
11239	OR6C75
11240	OR6C76
11241	OR6F1
11242	OR6J1
11243	OR6K2
11244	OR6K3
11245	OR6K6
11246	OR6M1
11247	OR6N1
11248	OR6N2
11249	OR6P1
11250	OR6Q1
11251	OR6S1
11252	OR6T1
11253	OR6V1
11254	OR6X1
11255	OR6Y1
11256	OR7A10
11257	OR7A17
11258	OR7A5
11259	OR7C1
11260	OR7C2
11261	OR7D2
11262	OR7D4
11263	OR7E24
11264	OR7G1
11265	OR7G2
11266	OR7G3

11267	OR8A1
11268	OR8B12
11269	OR8B2
11270	OR8B3
11271	OR8B4
11272	OR8B8
11273	OR8D1
11274	OR8D2
11275	OR8D4
11276	OR8G1
11277	OR8G5
11278	OR8H1
11279	OR8H2
11280	OR8H3
11281	OR8I2
11282	OR8J1
11283	OR8J2
11284	OR8J3
11285	OR8K1
11286	OR8K3
11287	OR8K5
11288	OR8S1
11289	OR8U1
11290	OR8U3
11291	OR8U8
11292	OR8U9
11293	OR9A2
11294	OR9A4
11295	OR9G1
11296	OR9G4
11297	OR9G9
11298	OR9I1
11299	OR9K2
11300	OR9Q1
11301	OR9Q2
11302	ORAI1
11303	ORAI2
11304	ORAI3
11305	ORC1
11306	ORC2
11307	ORC3
11308	ORC4
11309	ORC5

11310	ORC6
11311	ORM1
11312	ORM2
11313	ORMDL1
11314	ORMDL2
11315	ORMDL3
11316	OS9
11317	OSBP
11318	OSBP2
11319	OSBPL10
11320	OSBPL11
11321	OSBPL1A
11322	OSBPL2
11323	OSBPL3
11324	OSBPL5
11325	OSBPL6
11326	OSBPL7
11327	OSBPL8
11328	OSBPL9
11329	OSCAR
11330	OSCP1
11331	OSER1
11332	OSGEP
11333	OSGEPL1
11334	OSGIN1
11335	OSGIN2
11336	OSM
11337	OSMR
11338	OSR1
11339	OSR2
11340	OST4
11341	OSTC
11342	OSTF1
11343	OSTM1
11344	OSTN
11345	OTC
11346	OTOA
11347	OTOF
11348	OTOG
11349	OTOGL
11350	OTOL1
11351	OTOP1
11352	OTOP2

11353	OTOP3
11354	OTOR
11355	OTOS
11356	OTP
11357	OTUB1
11358	OTUB2
11359	OTUD1
11360	OTUD3
11361	OTUD4
11362	OTUD5
11363	OTUD6A
11364	OTUD6B
11365	OTUD7A
11366	OTUD7B
11367	OTULIN
11368	OTULINL
11369	OTX1
11370	OTX2
11371	OVCA2
11372	OVCH1
11373	OVCH2
11374	OVGP1
11375	OVOL1
11376	OVOL2
11377	OVOL3
11378	OXA1L
11379	OXCT1
11380	OXCT2
11381	OXER1
11382	OXGR1
11383	OXLD1
11384	OXNAD1
11385	OXR1
11386	OXSM
11387	OXSR1
11388	OXT
11389	OXTR
11390	P2RX1
11391	P2RX2
11392	P2RX3
11393	P2RX4
11394	P2RX5
11395	P2RX6

11396	P2RX7
11397	P2RY1
11398	P2RY10
11399	P2RY11
11400	P2RY12
11401	P2RY13
11402	P2RY14
11403	P2RY2
11404	P2RY4
11405	P2RY6
11406	P2RY8
11407	P3H1
11408	P3H2
11409	P3H3
11410	P3H4
11411	P3R3URF
11412	P4HA1
11413	P4HA2
11414	P4HA3
11415	P4HB
11416	P4HTM
11417	PA2G4
11418	PAAF1
11419	PABIR1
11420	PABIR2
11421	PABIR3
11422	PABPC1
11423	PABPC1L
11424	PABPC1L2A
11425	PABPC1L2B
11426	PABPC3
11427	PABPC4
11428	PABPC4L
11429	PABPC5
11430	PABPN1
11431	PABPN1L
11432	PACC1
11433	PACRG
11434	PACRGL
11435	PACS1
11436	PACS2
11437	PACSIN1
11438	PACSIN2

11439	PACSIN3
11440	PADI1
11441	PADI2
11442	PADI3
11443	PADI4
11444	PADI6
11445	PAEP
11446	PAF1
11447	PAFAH1B1
11448	PAFAH1B2
11449	PAFAH1B3
11450	PAFAH2
11451	PAG1
11452	PAGE1
11453	PAGE2
11454	PAGE2B
11455	PAGE3
11456	PAGE4
11457	PAGE5
11458	PAGR1
11459	PAH
11460	PAICS
11461	PAIP1
11462	PAIP2
11463	PAIP2B
11464	PAK1
11465	PAK1IP1
11466	PAK2
11467	PAK3
11468	PAK4
11469	PAK5
11470	PAK6
11471	PALB2
11472	PALD1
11473	PALLD
11474	PALM
11475	PALM2AKAP2
11476	PALM3
11477	PALMD
11478	PALS1
11479	PALS2
11480	PAM
11481	PAM16

11482	PAMR1
11483	PAN2
11484	PAN3
11485	PANK1
11486	PANK2
11487	PANK3
11488	PANK4
11489	PANX1
11490	PANX2
11491	PANX3
11492	PAOX
11493	PAPLN
11494	PAPOLA
11495	PAPOLB
11496	PAPOLG
11497	PAPPA
11498	PAPPA2
11499	PAPSS1
11500	PAPSS2
11501	PAQR3
11502	PAQR4
11503	PAQR5
11504	PAQR6
11505	PAQR7
11506	PAQR8
11507	PAQR9
11508	PARD3
11509	PARD3B
11510	PARD6A
11511	PARD6B
11512	PARD6G
11513	PARG
11514	PARK7
11515	PARL
11516	PARM1
11517	PARN
11518	PARP1
11519	PARP10
11520	PARP11
11521	PARP12
11522	PARP14
11523	PARP15
11524	PARP16

11525	PARP2
11526	PARP3
11527	PARP4
11528	PARP6
11529	PARP8
11530	PARP9
11531	PARPBP
11532	PARS2
11533	PARVA
11534	PARVB
11535	PARVG
11536	PASD1
11537	PASK
11538	PATE1
11539	PATE2
11540	PATE3
11541	PATE4
11542	PATJ
11543	PATL1
11544	PATL2
11545	PATZ1
11546	PAWR
11547	PAX1
11548	PAX2
11549	PAX3
11550	PAX4
11551	PAX5
11552	PAX6
11553	PAX7
11554	PAX8
11555	PAX9
11556	PAXBP1
11557	PAXIP1
11558	PAXX
11559	PBDC1
11560	PBK
11561	PBLD
11562	PBOV1
11563	PBRM1
11564	PBX1
11565	PBX2
11566	PBX3
11567	PBX4

11568	PBXIP1
11569	PC
11570	PCARE
11571	PCBD1
11572	PCBD2
11573	PCBP1
11574	PCBP2
11575	PCBP3
11576	PCBP4
11577	PCCA
11578	PCCB
11579	PCDH1
11580	PCDH10
11581	PCDH11X
11582	PCDH11Y
11583	PCDH12
11584	PCDH15
11585	PCDH17
11586	PCDH18
11587	PCDH19
11588	PCDH20
11589	PCDH7
11590	PCDH8
11591	PCDH9
11592	PCDHA1
11593	PCDHA10
11594	PCDHA11
11595	PCDHA12
11596	PCDHA13
11597	PCDHA2
11598	PCDHA4
11599	PCDHA5
11600	PCDHA6
11601	PCDHA7
11602	PCDHA8
11603	PCDHA9
11604	PCDHAC1
11605	PCDHAC2
11606	PCDHB1
11607	PCDHB10
11608	PCDHB11
11609	PCDHB12
11610	PCDHB14

11611	PCDHB15
11612	PCDHB16
11613	PCDHB2
11614	PCDHB3
11615	PCDHB4
11616	PCDHB5
11617	PCDHB6
11618	PCDHB7
11619	PCDHB8
11620	PCDHB9
11621	PCDHGA10
11622	PCDHGA11
11623	PCDHGA12
11624	PCDHGA2
11625	PCDHGA3
11626	PCDHGA4
11627	PCDHGA5
11628	PCDHGA6
11629	PCDHGA7
11630	PCDHGA8
11631	PCDHGA9
11632	PCDHGB1
11633	PCDHGB2
11634	PCDHGB3
11635	PCDHGB4
11636	PCDHGB5
11637	PCDHGB6
11638	PCDHGB7
11639	PCDHGC3
11640	PCDHGC4
11641	PCDHGC5
11642	PCED1A
11643	PCED1B
11644	PCF11
11645	PCGF1
11646	PCGF2
11647	PCGF3
11648	PCGF5
11649	PCGF6
11650	PCID2
11651	PCIF1
11652	PCK1
11653	PCK2

11654	PCLAF
11655	PCLO
11656	PCM1
11657	PCMT1
11658	PCMTD1
11659	PCMTD2
11660	PCNA
11661	PCNP
11662	PCNT
11663	PCNX1
11664	PCNX2
11665	PCNX3
11666	PCNX4
11667	PCOLCE
11668	PCOLCE2
11669	PCP2
11670	PCP4
11671	PCP4L1
11672	PCSK1
11673	PCSK1N
11674	PCSK2
11675	PCSK4
11676	PCSK5
11677	PCSK6
11678	PCSK7
11679	PCSK9
11680	PCTP
11681	PCYOX1
11682	PCYOX1L
11683	PCYT1A
11684	PCYT1B
11685	PCYT2
11686	PDAP1
11687	PDC
11688	PDCD1
11689	PDCD10
11690	PDCD11
11691	PDCD1LG2
11692	PDCD2
11693	PDCD2L
11694	PDCD4
11695	PDCD5
11696	PDCD6

11697	PDCD6IP
11698	PDCD7
11699	PDCL
11700	PDCL2
11701	PDCL3
11702	PDE10A
11703	PDE11A
11704	PDE12
11705	PDE1A
11706	PDE1B
11707	PDE1C
11708	PDE2A
11709	PDE3A
11710	PDE3B
11711	PDE4A
11712	PDE4B
11713	PDE4C
11714	PDE4D
11715	PDE4DIP
11716	PDE5A
11717	PDE6A
11718	PDE6B
11719	PDE6C
11720	PDE6D
11721	PDE6G
11722	PDE6H
11723	PDE7A
11724	PDE7B
11725	PDE8A
11726	PDE8B
11727	PDE9A
11728	PDF
11729	PDGFA
11730	PDGFB
11731	PDGFC
11732	PDGFD
11733	PDGFRA
11734	PDGFRB
11735	PDGFRL
11736	PDHA1
11737	PDHA2
11738	PDHB
11739	PDHX

11740	PDIA2
11741	PDIA3
11742	PDIA4
11743	PDIA5
11744	PDIA6
11745	PDIK1L
11746	PDILT
11747	PDK1
11748	PDK2
11749	PDK3
11750	PDK4
11751	PDLIM1
11752	PDLIM2
11753	PDLIM3
11754	PDLIM4
11755	PDLIM5
11756	PDLIM7
11757	PDP1
11758	PDP2
11759	PDPK1
11760	PDPN
11761	PDPR
11762	PDRG1
11763	PDS5A
11764	PDS5B
11765	PDSS1
11766	PDSS2
11767	PDX1
11768	PDXDC1
11769	PDXK
11770	PDXP
11771	PDYN
11772	PDZD11
11773	PDZD2
11774	PDZD4
11775	PDZD7
11776	PDZD8
11777	PDZD9
11778	PDZK1
11779	PDZK1IP1
11780	PDZRN3
11781	PDZRN4
11782	PEA15

11783	PEAK1
11784	PEAK3
11785	PEAR1
11786	PEBP1
11787	PEBP4
11788	PECAM1
11789	PECR
11790	PEDS1
11791	PEF1
11792	PEG10
11793	PEG3
11794	PELI1
11795	PELI2
11796	PELI3
11797	PELO
11798	PELP1
11799	PEMT
11800	PENK
11801	PEPD
11802	PER1
11803	PER2
11804	PER3
11805	PERM1
11806	PERP
11807	PES1
11808	PET100
11809	PET117
11810	PEX1
11811	PEX10
11812	PEX11A
11813	PEX11B
11814	PEX11G
11815	PEX12
11816	PEX13
11817	PEX14
11818	PEX16
11819	PEX19
11820	PEX2
11821	PEX26
11822	PEX3
11823	PEX5
11824	PEX5L
11825	PEX6

11826	PEX7
11827	PF4
11828	PF4V1
11829	PFAS
11830	PFDN1
11831	PFDN2
11832	PFDN4
11833	PFDN5
11834	PFDN6
11835	PFKFB1
11836	PFKFB2
11837	PFKFB3
11838	PFKFB4
11839	PFKL
11840	PFKM
11841	PFKP
11842	PFN1
11843	PFN2
11844	PFN3
11845	PFN4
11846	PGA5
11847	PGAM1
11848	PGAM2
11849	PGAM5
11850	PGAP1
11851	PGAP2
11852	PGAP3
11853	PGAP4
11854	PGAP6
11855	PGBD1
11856	PGBD2
11857	PGBD3
11858	PGBD4
11859	PGBD5
11860	PGC
11861	PGD
11862	PGF
11863	PGGHG
11864	PGGT1B
11865	PGK1
11866	PGK2
11867	PGLS
11868	PGLYRP1

11869	PGLYRP2
11870	PGLYRP3
11871	PGLYRP4
11872	PGM1
11873	PGM2
11874	PGM2L1
11875	PGM3
11876	PGM5
11877	PGP
11878	PGPEP1
11879	PGPEP1L
11880	PGR
11881	PGRMC1
11882	PGRMC2
11883	PGS1
11884	PHACTR1
11885	PHACTR2
11886	PHACTR3
11887	PHACTR4
11888	PHAF1
11889	PHAX
11890	PHB1
11891	PHB2
11892	PHC1
11893	PHC2
11894	PHC3
11895	PHETA1
11896	PHETA2
11897	PHEX
11898	PHF1
11899	PHF10
11900	PHF11
11901	PHF12
11902	PHF13
11903	PHF14
11904	PHF19
11905	PHF2
11906	PHF20
11907	PHF20L1
11908	PHF21A
11909	PHF21B
11910	PHF23
11911	PHF24

11912	PHF3
11913	PHF5A
11914	PHF6
11915	PHF7
11916	PHF8
11917	PHGDH
11918	PHGR1
11919	PHIP
11920	PHKA1
11921	PHKA2
11922	PHKB
11923	PHKG1
11924	PHKG2
11925	PHLDA1
11926	PHLDA2
11927	PHLDA3
11928	PHLDB1
11929	PHLDB2
11930	PHLDB3
11931	PHLPP1
11932	PHLPP2
11933	PHOSPHO1
11934	PHOSPHO2
11935	PHOX2A
11936	PHOX2B
11937	PHPT1
11938	PHRF1
11939	PHTF1
11940	PHTF2
11941	PHYH
11942	PHYHD1
11943	PHYHIP
11944	PHYHIPL
11945	PHYKPL
11946	PI15
11947	PI16
11948	PI3
11949	PI4K2A
11950	PI4K2B
11951	PI4KA
11952	PI4KB
11953	PIANP
11954	PIAS1

11955	PIAS2
11956	PIAS3
11957	PIAS4
11958	PIBF1
11959	PICALM
11960	PICK1
11961	PID1
11962	PIDD1
11963	PIERCE1
11964	PIERCE2
11965	PIEZO1
11966	PIEZO2
11967	PIF1
11968	PIGA
11969	PIGB
11970	PIGBOS1
11971	PIGC
11972	PIGF
11973	PIGG
11974	PIGH
11975	PIGK
11976	PIGL
11977	PIGM
11978	PIGN
11979	PIGO
11980	PIGP
11981	PIGQ
11982	PIGR
11983	PIGS
11984	PIGT
11985	PIGU
11986	PIGV
11987	PIGW
11988	PIGX
11989	PIGY
11990	PIGZ
11991	PIH1D1
11992	PIH1D2
11993	PIK3AP1
11994	PIK3C2A
11995	PIK3C2B
11996	PIK3C2G
11997	PIK3C3

11998	PIK3CA
11999	PIK3CB
12000	PIK3CD
12001	PIK3CG
12002	PIK3IP1
12003	PIK3R1
12004	PIK3R2
12005	PIK3R3
12006	PIK3R4
12007	PIK3R5
12008	PIK3R6
12009	PIKFYVE
12010	PILRA
12011	PILRB
12012	PIM1
12013	PIM2
12014	PIM3
12015	PIMREG
12016	PIN1
12017	PIN4
12018	PINK1
12019	PINLYP
12020	PINX1
12021	PIP
12022	PIP4K2A
12023	PIP4K2B
12024	PIP4K2C
12025	PIP4P1
12026	PIP4P2
12027	PIP5K1A
12028	PIP5K1B
12029	PIP5K1C
12030	PIP5KL1
12031	PIPOX
12032	PIR
12033	PIRT
12034	PISD
12035	PITHD1
12036	PITPNA
12037	PITPNB
12038	PITPNC1
12039	PITPNM1
12040	PITPNM2

12041	PITPNM3
12042	PITRM1
12043	PITX1
12044	PITX2
12045	PITX3
12046	PIWIL1
12047	PIWIL2
12048	PIWIL3
12049	PIWIL4
12050	PJA1
12051	PJA2
12052	PJVK
12053	PKD1
12054	PKD1L1
12055	PKD1L2
12056	PKD1L3
12057	PKD2
12058	PKD2L1
12059	PKD2L2
12060	PKDCC
12061	PKDREJ
12062	PKHD1
12063	PKHD1L1
12064	PKIA
12065	PKIB
12066	PKIG
12067	PKLR
12068	PKM
12069	PKMYT1
12070	PKN1
12071	PKN2
12072	PKN3
12073	PKNOX1
12074	PKNOX2
12075	PKP1
12076	PKP2
12077	PKP3
12078	PKP4
12079	PLA1A
12080	PLA2G10
12081	PLA2G12A
12082	PLA2G12B
12083	PLA2G15

12084	PLA2G1B
12085	PLA2G2A
12086	PLA2G2C
12087	PLA2G2D
12088	PLA2G2E
12089	PLA2G2F
12090	PLA2G3
12091	PLA2G4A
12092	PLA2G4B
12093	PLA2G4C
12094	PLA2G4D
12095	PLA2G4E
12096	PLA2G4F
12097	PLA2G5
12098	PLA2G6
12099	PLA2G7
12100	PLA2R1
12101	PLAA
12102	PLAAT1
12103	PLAAT2
12104	PLAAT3
12105	PLAAT4
12106	PLAAT5
12107	PLAC1
12108	PLAC8
12109	PLAC8L1
12110	PLAC9
12111	PLAG1
12112	PLAGL1
12113	PLAGL2
12114	PLAT
12115	PLAU
12116	PLAUR
12117	PLB1
12118	PLBD1
12119	PLBD2
12120	PLCB1
12121	PLCB2
12122	PLCB3
12123	PLCB4
12124	PLCD1
12125	PLCD3
12126	PLCD4

12127	PLCE1
12128	PLCG1
12129	PLCG2
12130	PLCH1
12131	PLCH2
12132	PLCL1
12133	PLCL2
12134	PLCXD1
12135	PLCXD2
12136	PLCXD3
12137	PLCZ1
12138	PLD1
12139	PLD2
12140	PLD3
12141	PLD4
12142	PLD5
12143	PLD6
12144	PLEC
12145	PLEK
12146	PLEK2
12147	PLEKHA1
12148	PLEKHA2
12149	PLEKHA3
12150	PLEKHA4
12151	PLEKHA5
12152	PLEKHA6
12153	PLEKHA7
12154	PLEKHA8
12155	PLEKHB1
12156	PLEKHB2
12157	PLEKHD1
12158	PLEKHF1
12159	PLEKHF2
12160	PLEKHG1
12161	PLEKHG2
12162	PLEKHG3
12163	PLEKHG4
12164	PLEKHG4B
12165	PLEKHG5
12166	PLEKHG6
12167	PLEKHG7
12168	PLEKHH1
12169	PLEKHH2

12170	PLEKHH3
12171	PLEKHJ1
12172	PLEKHM1
12173	PLEKHM2
12174	PLEKHM3
12175	PLEKHN1
12176	PLEKHO1
12177	PLEKHO2
12178	PLEKHS1
12179	PLET1
12180	PLG
12181	PLGLB1
12182	PLGRKT
12183	PLIN1
12184	PLIN2
12185	PLIN3
12186	PLIN4
12187	PLIN5
12188	PLK1
12189	PLK2
12190	PLK3
12191	PLK4
12192	PLK5
12193	PLLP
12194	PLN
12195	PLOD1
12196	PLOD2
12197	PLOD3
12198	PLP1
12199	PLP2
12200	PLPBP
12201	PLPP1
12202	PLPP2
12203	PLPP3
12204	PLPP4
12205	PLPP5
12206	PLPP6
12207	PLPP7
12208	PLPPR1
12209	PLPPR2
12210	PLPPR3
12211	PLPPR4
12212	PLPPR5

12213	PLRG1
12214	PLS1
12215	PLS3
12216	PLSCR1
12217	PLSCR2
12218	PLSCR3
12219	PLSCR4
12220	PLSCR5
12221	PLTP
12222	PLVAP
12223	PLXDC1
12224	PLXDC2
12225	PLXNA1
12226	PLXNA2
12227	PLXNA3
12228	PLXNA4
12229	PLXNB1
12230	PLXNB2
12231	PLXNB3
12232	PLXNC1
12233	PLXND1
12234	PM20D1
12235	PM20D2
12236	PMAIP1
12237	PMCH
12238	PMEL
12239	PMEP1
12240	PMF1
12241	PMFBP1
12242	PMIS2
12243	PML
12244	PMM1
12245	PMM2
12246	PMP2
12247	PMP22
12248	PMPCA
12249	PMPCB
12250	PMS1
12251	PMS2
12252	PMVK
12253	PNCK
12254	PNISR
12255	PNKD

12256	PNKP
12257	PNLDC1
12258	PNLIP
12259	PNLIPRP1
12260	PNLIPRP2
12261	PNLIPRP3
12262	PNMA1
12263	PNMA2
12264	PNMA3
12265	PNMA5
12266	PNMA6A
12267	PNMA6E
12268	PNMA6F
12269	PNMA8A
12270	PNMA8B
12271	PNMA8C
12272	PNMT
12273	PNN
12274	PNO1
12275	PNOC
12276	PNP
12277	PNPLA1
12278	PNPLA2
12279	PNPLA3
12280	PNPLA4
12281	PNPLA5
12282	PNPLA6
12283	PNPLA7
12284	PNPLA8
12285	PNPO
12286	PNPT1
12287	PNRC1
12288	PNRC2
12289	POC1A
12290	POC1B
12291	POC5
12292	PODN
12293	PODNL1
12294	PODXL
12295	PODXL2
12296	POF1B
12297	POFUT1
12298	POFUT2

12299	POGK
12300	POGLUT1
12301	POGLUT2
12302	POGLUT3
12303	POGZ
12304	POLA1
12305	POLA2
12306	POLB
12307	POLD1
12308	POLD2
12309	POLD3
12310	POLD4
12311	POLDIP2
12312	POLDIP3
12313	POLE
12314	POLE2
12315	POLE3
12316	POLE4
12317	POLG
12318	POLG2
12319	POLH
12320	POLI
12321	POLK
12322	POLL
12323	POLM
12324	POLN
12325	POLQ
12326	POLR1A
12327	POLR1B
12328	POLR1C
12329	POLR1D
12330	POLR1E
12331	POLR1F
12332	POLR1G
12333	POLR1H
12334	POLR2A
12335	POLR2B
12336	POLR2C
12337	POLR2D
12338	POLR2E
12339	POLR2F
12340	POLR2G
12341	POLR2H

12342	POLR2I
12343	POLR2J2
12344	POLR2J3
12345	POLR2K
12346	POLR2L
12347	POLR2M
12348	POLR3A
12349	POLR3B
12350	POLR3C
12351	POLR3D
12352	POLR3E
12353	POLR3F
12354	POLR3G
12355	POLR3GL
12356	POLR3H
12357	POLR3K
12358	POLRMT
12359	POM121C
12360	POM121L12
12361	POM121L2
12362	POMC
12363	POMGNT1
12364	POMGNT2
12365	POMK
12366	POMP
12367	POMT1
12368	POMT2
12369	POMZP3
12370	PON1
12371	PON2
12372	PON3
12373	POP1
12374	POP4
12375	POP5
12376	POP7
12377	POPDC2
12378	POPDC3
12379	POR
12380	PORCN
12381	POSTN
12382	POT1
12383	POTEB
12384	POTEC

12385	POTED
12386	POTEE
12387	POTEF
12388	POTEG
12389	POTEH
12390	POTEI
12391	POTEJ
12392	POTEM
12393	POU1F1
12394	POU2AF1
12395	POU2AF2
12396	POU2AF3
12397	POU2F1
12398	POU2F2
12399	POU2F3
12400	POU3F1
12401	POU3F2
12402	POU3F3
12403	POU3F4
12404	POU4F1
12405	POU4F2
12406	POU4F3
12407	POU5F1
12408	POU5F1B
12409	POU5F2
12410	POU6F1
12411	POU6F2
12412	PP2D1
12413	PPA1
12414	PPA2
12415	PPAN
12416	PPARA
12417	PPARD
12418	PPARG
12419	PPARGC1A
12420	PPARGC1B
12421	PPAT
12422	PPBP
12423	PPCDC
12424	PPCS
12425	PPDPF
12426	PPDPFL
12427	PPEF1

12428	PPEF2
12429	PPFIA1
12430	PPFIA2
12431	PPFIA3
12432	PPFIA4
12433	PPFIBP1
12434	PPFIBP2
12435	PPHLN1
12436	PPIA
12437	PPIAL4G
12438	PPIAL4H
12439	PPIB
12440	PPIC
12441	PPID
12442	PPIE
12443	PPIF
12444	PPIG
12445	PPIH
12446	PPIL1
12447	PPIL2
12448	PPIL3
12449	PPIL4
12450	PPIL6
12451	PPIP5K1
12452	PPIP5K2
12453	PPL
12454	PPM1A
12455	PPM1B
12456	PPM1D
12457	PPM1E
12458	PPM1F
12459	PPM1G
12460	PPM1H
12461	PPM1J
12462	PPM1K
12463	PPM1L
12464	PPM1M
12465	PPM1N
12466	PPME1
12467	PPOX
12468	PPP1CA
12469	PPP1CB
12470	PPP1CC

12471	PPP1R10
12472	PPP1R11
12473	PPP1R12A
12474	PPP1R12B
12475	PPP1R12C
12476	PPP1R13B
12477	PPP1R13L
12478	PPP1R14A
12479	PPP1R14B
12480	PPP1R14C
12481	PPP1R14D
12482	PPP1R15A
12483	PPP1R15B
12484	PPP1R16A
12485	PPP1R16B
12486	PPP1R17
12487	PPP1R18
12488	PPP1R1A
12489	PPP1R1B
12490	PPP1R1C
12491	PPP1R2
12492	PPP1R21
12493	PPP1R26
12494	PPP1R27
12495	PPP1R2B
12496	PPP1R2C
12497	PPP1R35
12498	PPP1R36
12499	PPP1R37
12500	PPP1R3A
12501	PPP1R3B
12502	PPP1R3C
12503	PPP1R3D
12504	PPP1R3E
12505	PPP1R3F
12506	PPP1R3G
12507	PPP1R42
12508	PPP1R7
12509	PPP1R8
12510	PPP1R9A
12511	PPP1R9B
12512	PPP2CA
12513	PPP2CB

12514	PPP2R1A
12515	PPP2R1B
12516	PPP2R2A
12517	PPP2R2B
12518	PPP2R2C
12519	PPP2R2D
12520	PPP2R3A
12521	PPP2R3B
12522	PPP2R3C
12523	PPP2R5A
12524	PPP2R5B
12525	PPP2R5C
12526	PPP2R5D
12527	PPP2R5E
12528	PPP3CA
12529	PPP3CB
12530	PPP3CC
12531	PPP3R1
12532	PPP3R2
12533	PPP4C
12534	PPP4R1
12535	PPP4R2
12536	PPP4R3A
12537	PPP4R3B
12538	PPP4R3C
12539	PPP4R4
12540	PPP5C
12541	PPP6C
12542	PPP6R1
12543	PPP6R2
12544	PPP6R3
12545	PPRC1
12546	PPT1
12547	PPT2
12548	PPTC7
12549	PPWD1
12550	PPY
12551	PQBP1
12552	PRAC1
12553	PRAC2
12554	PRADC1
12555	PRAF2
12556	PRAG1

12557	PRAM1
12558	PRAME
12559	PRAMEF1
12560	PRAMEF10
12561	PRAMEF11
12562	PRAMEF12
12563	PRAMEF13
12564	PRAMEF14
12565	PRAMEF15
12566	PRAMEF17
12567	PRAMEF18
12568	PRAMEF19
12569	PRAMEF2
12570	PRAMEF20
12571	PRAMEF22
12572	PRAMEF25
12573	PRAMEF26
12574	PRAMEF27
12575	PRAMEF33
12576	PRAMEF4
12577	PRAMEF5
12578	PRAMEF6
12579	PRAMEF7
12580	PRAP1
12581	PRB1
12582	PRB2
12583	PRB3
12584	PRB4
12585	PRC1
12586	PRCC
12587	PRCD
12588	PRCP
12589	PRDM1
12590	PRDM10
12591	PRDM11
12592	PRDM12
12593	PRDM13
12594	PRDM14
12595	PRDM15
12596	PRDM16
12597	PRDM2
12598	PRDM4
12599	PRDM5

12600	PRDM6
12601	PRDM7
12602	PRDM8
12603	PRDM9
12604	PRDX1
12605	PRDX2
12606	PRDX3
12607	PRDX4
12608	PRDX5
12609	PRDX6
12610	PREB
12611	PRELID1
12612	PRELID2
12613	PRELID3A
12614	PRELID3B
12615	PRELP
12616	PREP
12617	PREPL
12618	PREX1
12619	PREX2
12620	PRF1
12621	PRG2
12622	PRG3
12623	PRG4
12624	PRH1
12625	PRH2
12626	PRICKLE1
12627	PRICKLE2
12628	PRICKLE3
12629	PRICKLE4
12630	PRIM1
12631	PRIM2
12632	PRIMA1
12633	PRIMPOL
12634	PRKAA1
12635	PRKAA2
12636	PRKAB1
12637	PRKAB2
12638	PRKACA
12639	PRKACB
12640	PRKACG
12641	PRKAG1
12642	PRKAG2

12643	PRKAG3
12644	PRKAR1A
12645	PRKAR1B
12646	PRKAR2A
12647	PRKAR2B
12648	PRKCA
12649	PRKCB
12650	PRKCD
12651	PRKCE
12652	PRKCG
12653	PRKCH
12654	PRKCI
12655	PRKCQ
12656	PRKCSH
12657	PRKCZ
12658	PRKD1
12659	PRKD2
12660	PRKD3
12661	PRKDC
12662	PRKG1
12663	PRKG2
12664	PRKN
12665	PRKRA
12666	PRKRIP1
12667	PRKX
12668	PRL
12669	PRLH
12670	PRLHR
12671	PRLR
12672	PRM1
12673	PRM2
12674	PRM3
12675	PRMT1
12676	PRMT2
12677	PRMT3
12678	PRMT5
12679	PRMT6
12680	PRMT7
12681	PRMT8
12682	PRMT9
12683	PRND
12684	PRNP
12685	PROB1

12686	PROC
12687	PROCA1
12688	PROCR
12689	PRODH
12690	PRODH2
12691	PROK1
12692	PROK2
12693	PROKR1
12694	PROKR2
12695	PROM1
12696	PROM2
12697	PROP1
12698	PRORP
12699	PROS1
12700	PROSER1
12701	PROSER2
12702	PROSER3
12703	PROX1
12704	PROX2
12705	PROZ
12706	PRPF18
12707	PRPF19
12708	PRPF3
12709	PRPF31
12710	PRPF38A
12711	PRPF38B
12712	PRPF39
12713	PRPF4
12714	PRPF40A
12715	PRPF40B
12716	PRPF4B
12717	PRPF6
12718	PRPF8
12719	PRPH
12720	PRPH2
12721	PRPS1
12722	PRPS1L1
12723	PRPS2
12724	PRPSAP1
12725	PRPSAP2
12726	PRR11
12727	PRR12
12728	PRR13

12729	PRR14
12730	PRR14L
12731	PRR15
12732	PRR15L
12733	PRR16
12734	PRR18
12735	PRR19
12736	PRR20E
12737	PRR20G
12738	PRR22
12739	PRR23A
12740	PRR23B
12741	PRR23C
12742	PRR23D2
12743	PRR23E
12744	PRR27
12745	PRR29
12746	PRR3
12747	PRR30
12748	PRR32
12749	PRR33
12750	PRR35
12751	PRR36
12752	PRR4
12753	PRR5
12754	PRR5L
12755	PRR7
12756	PRR9
12757	PRRC1
12758	PRRC2A
12759	PRRC2B
12760	PRRC2C
12761	PRRG1
12762	PRRG2
12763	PRRG3
12764	PRRG4
12765	PRRT1
12766	PRRT1B
12767	PRRT2
12768	PRRT3
12769	PRRT4
12770	PRRX1
12771	PRRX2

12772	PRSS1
12773	PRSS12
12774	PRSS16
12775	PRSS2
12776	PRSS21
12777	PRSS22
12778	PRSS23
12779	PRSS27
12780	PRSS3
12781	PRSS33
12782	PRSS35
12783	PRSS36
12784	PRSS37
12785	PRSS38
12786	PRSS41
12787	PRSS48
12788	PRSS50
12789	PRSS53
12790	PRSS54
12791	PRSS55
12792	PRSS56
12793	PRSS57
12794	PRSS58
12795	PRSS8
12796	PRTFDC1
12797	PRTG
12798	PRTN3
12799	PRUNE1
12800	PRUNE2
12801	PRX
12802	PRXL2A
12803	PRXL2B
12804	PRXL2C
12805	PRY
12806	PRY2
12807	PSAP
12808	PSAPL1
12809	PSAT1
12810	PSCA
12811	PSD
12812	PSD2
12813	PSD3
12814	PSD4

12815	PSEN1
12816	PSEN2
12817	PSENEN
12818	PSG1
12819	PSG11
12820	PSG2
12821	PSG3
12822	PSG4
12823	PSG5
12824	PSG6
12825	PSG7
12826	PSG8
12827	PSIP1
12828	PSKH1
12829	PSKH2
12830	PSMA1
12831	PSMA2
12832	PSMA3
12833	PSMA4
12834	PSMA5
12835	PSMA6
12836	PSMA7
12837	PSMA8
12838	PSMB1
12839	PSMB10
12840	PSMB11
12841	PSMB2
12842	PSMB3
12843	PSMB4
12844	PSMB5
12845	PSMB6
12846	PSMB7
12847	PSMB8
12848	PSMB9
12849	PSMC1
12850	PSMC2
12851	PSMC3
12852	PSMC3IP
12853	PSMC4
12854	PSMC5
12855	PSMC6
12856	PSMD1
12857	PSMD10

12858	PSMD11
12859	PSMD12
12860	PSMD13
12861	PSMD14
12862	PSMD2
12863	PSMD3
12864	PSMD4
12865	PSMD5
12866	PSMD6
12867	PSMD7
12868	PSMD8
12869	PSMD9
12870	PSME1
12871	PSME2
12872	PSME3
12873	PSME3IP1
12874	PSME4
12875	PSMF1
12876	PSMG1
12877	PSMG2
12878	PSMG3
12879	PSMG4
12880	PSORS1C1
12881	PSORS1C2
12882	PSPC1
12883	PSPH
12884	PSPN
12885	PSRC1
12886	PSTK
12887	PSTPIP1
12888	PSTPIP2
12889	PTAFR
12890	PTAR1
12891	PTBP1
12892	PTBP2
12893	PTBP3
12894	PTCD1
12895	PTCD2
12896	PTCD3
12897	PTCH1
12898	PTCH2
12899	PTCHD1
12900	PTCHD3

12901	PTCHD4
12902	PTCRA
12903	PTDSS1
12904	PTDSS2
12905	PTEN
12906	PTER
12907	PTF1A
12908	PTGDR
12909	PTGDR2
12910	PTGDS
12911	PTGER1
12912	PTGER2
12913	PTGER3
12914	PTGER4
12915	PTGES
12916	PTGES2
12917	PTGES3
12918	PTGES3L
12919	PTGFR
12920	PTGFRN
12921	PTGIR
12922	PTGIS
12923	PTGR1
12924	PTGR2
12925	PTGR3
12926	PTGS1
12927	PTGS2
12928	PTH
12929	PTH1R
12930	PTH2
12931	PTH2R
12932	PTHLH
12933	PTK2
12934	PTK2B
12935	PTK6
12936	PTK7
12937	PTMA
12938	PTMS
12939	PTN
12940	PTOV1
12941	PTP4A1
12942	PTP4A2
12943	PTP4A3

12944	PTPA
12945	PTPDC1
12946	PTPMT1
12947	PTPN1
12948	PTPN11
12949	PTPN12
12950	PTPN13
12951	PTPN14
12952	PTPN18
12953	PTPN2
12954	PTPN20
12955	PTPN21
12956	PTPN22
12957	PTPN23
12958	PTPN3
12959	PTPN4
12960	PTPN5
12961	PTPN6
12962	PTPN7
12963	PTPN9
12964	PTPRA
12965	PTPRB
12966	PTPRC
12967	PTPRCAP
12968	PTPRD
12969	PTPRE
12970	PTPRF
12971	PTPRG
12972	PTPRH
12973	PTPRJ
12974	PTPRK
12975	PTPRM
12976	PTPRN
12977	PTPRN2
12978	PTPRO
12979	PTPRQ
12980	PTPRR
12981	PTPRS
12982	PTPRT
12983	PTPRU
12984	PTPRZ1
12985	PTRH1
12986	PTRH2

12987	PTRHD1
12988	PTS
12989	PTTG1
12990	PTTG1IP
12991	PTTG1IP2
12992	PTTG2
12993	PTX3
12994	PTX4
12995	PUDP
12996	PUF60
12997	PUM1
12998	PUM2
12999	PUM3
13000	PURA
13001	PURB
13002	PURG
13003	PUS1
13004	PUS10
13005	PUS3
13006	PUS7
13007	PUS7L
13008	PUSL1
13009	PVALB
13010	PVALEF
13011	PVR
13012	PVRIG
13013	PWP1
13014	PWP2
13015	PWWP2A
13016	PWWP2B
13017	PWWP3A
13018	PWWP3B
13019	PWWP4
13020	PXDC1
13021	PXDN
13022	PXDNL
13023	PXK
13024	PXMP2
13025	PXMP4
13026	PXN
13027	PXT1
13028	PXYLP1
13029	PYCARD

13030	PYCR1
13031	PYCR2
13032	PYCR3
13033	PYDC1
13034	PYDC2
13035	PYDC5
13036	PYGB
13037	PYGL
13038	PYGM
13039	PYGO1
13040	PYGO2
13041	PYHIN1
13042	PYM1
13043	PYROXD1
13044	PYROXD2
13045	PYURF
13046	PYY
13047	QARS1
13048	QDPR
13049	QKI
13050	QNG1
13051	QPCT
13052	QPCTL
13053	QPRT
13054	QRFP
13055	QRFPR
13056	QRICH1
13057	QRICH2
13058	QRSL1
13059	QSER1
13060	QSOX1
13061	QSOX2
13062	QTRT1
13063	QTRT2
13064	R3HCC1
13065	R3HCC1L
13066	R3HDM1
13067	R3HDM2
13068	R3HDM4
13069	R3HDML
13070	RAB10
13071	RAB11A
13072	RAB11B

13073	RAB11FIP1
13074	RAB11FIP2
13075	RAB11FIP3
13076	RAB11FIP4
13077	RAB11FIP5
13078	RAB12
13079	RAB13
13080	RAB14
13081	RAB15
13082	RAB17
13083	RAB18
13084	RAB19
13085	RAB1A
13086	RAB1B
13087	RAB20
13088	RAB21
13089	RAB22A
13090	RAB23
13091	RAB24
13092	RAB25
13093	RAB26
13094	RAB27A
13095	RAB27B
13096	RAB28
13097	RAB29
13098	RAB2A
13099	RAB2B
13100	RAB30
13101	RAB31
13102	RAB32
13103	RAB33A
13104	RAB33B
13105	RAB34
13106	RAB35
13107	RAB36
13108	RAB37
13109	RAB38
13110	RAB39A
13111	RAB39B
13112	RAB3A
13113	RAB3B
13114	RAB3C
13115	RAB3D

13116	RAB3GAP1
13117	RAB3GAP2
13118	RAB3IL1
13119	RAB3IP
13120	RAB40A
13121	RAB40B
13122	RAB40C
13123	RAB41
13124	RAB42
13125	RAB43
13126	RAB44
13127	RAB4A
13128	RAB4B
13129	RAB5A
13130	RAB5B
13131	RAB5C
13132	RAB5IF
13133	RAB6A
13134	RAB6B
13135	RAB6D
13136	RAB7A
13137	RAB7B
13138	RAB8A
13139	RAB8B
13140	RAB9A
13141	RAB9B
13142	RABAC1
13143	RABEP1
13144	RABEP2
13145	RABEPK
13146	RABGAP1
13147	RABGAP1L
13148	RABGEF1
13149	RABGGTA
13150	RABGGTB
13151	RABIF
13152	RABL2A
13153	RABL2B
13154	RABL3
13155	RABL6
13156	RAC1
13157	RAC2
13158	RAC3

13159	RACGAP1
13160	RACK1
13161	RAD1
13162	RAD17
13163	RAD18
13164	RAD21
13165	RAD21L1
13166	RAD23A
13167	RAD23B
13168	RAD50
13169	RAD51
13170	RAD51AP1
13171	RAD51AP2
13172	RAD51B
13173	RAD51C
13174	RAD51D
13175	RAD52
13176	RAD54B
13177	RAD54L
13178	RAD54L2
13179	RAD9A
13180	RAD9B
13181	RADIL
13182	RADX
13183	RAE1
13184	RAET1E
13185	RAET1G
13186	RAET1L
13187	RAF1
13188	RAG1
13189	RAG2
13190	RAI1
13191	RAI14
13192	RAI2
13193	RALA
13194	RALB
13195	RALBP1
13196	RALGAPA1
13197	RALGAPA2
13198	RALGAPB
13199	RALGDS
13200	RALGPS1
13201	RALGPS2

13202	RALY
13203	RALYL
13204	RAMAC
13205	RAMP1
13206	RAMP2
13207	RAMP3
13208	RAN
13209	RANBP1
13210	RANBP10
13211	RANBP17
13212	RANBP2
13213	RANBP3
13214	RANBP3L
13215	RANBP6
13216	RANBP9
13217	RANGAP1
13218	RANGRF
13219	RAP1A
13220	RAP1GAP
13221	RAP1GAP2
13222	RAP1GDS1
13223	RAP2A
13224	RAP2B
13225	RAP2C
13226	RAPGEF1
13227	RAPGEF2
13228	RAPGEF3
13229	RAPGEF4
13230	RAPGEF5
13231	RAPGEF6
13232	RAPGEFL1
13233	RAPH1
13234	RAPSN
13235	RARA
13236	RARB
13237	RARG
13238	RARRES1
13239	RARRES2
13240	RARS1
13241	RARS2
13242	RASA1
13243	RASA2
13244	RASA3

13245	RASA4
13246	RASA4B
13247	RASAL1
13248	RASAL2
13249	RASAL3
13250	RASD1
13251	RASD2
13252	RASEF
13253	RASGEF1A
13254	RASGEF1B
13255	RASGEF1C
13256	RASGRF1
13257	RASGRF2
13258	RASGRP1
13259	RASGRP2
13260	RASGRP3
13261	RASGRP4
13262	RASIP1
13263	RASL10A
13264	RASL10B
13265	RASL11A
13266	RASL11B
13267	RASL12
13268	RASSF1
13269	RASSF10
13270	RASSF2
13271	RASSF3
13272	RASSF4
13273	RASSF5
13274	RASSF6
13275	RASSF7
13276	RASSF8
13277	RASSF9
13278	RAVER1
13279	RAVER2
13280	RAX
13281	RAX2
13282	RB1
13283	RB1CC1
13284	RBAK
13285	RBBP4
13286	RBBP5
13287	RBBP6

13288	RBBP7
13289	RBBP8
13290	RBBP8NL
13291	RBBP9
13292	RBCK1
13293	RBFA
13294	RBFOX1
13295	RBFOX2
13296	RBFOX3
13297	RBIS
13298	RBKS
13299	RBL1
13300	RBL2
13301	RBM10
13302	RBM11
13303	RBM12
13304	RBM12B
13305	RBM14
13306	RBM15
13307	RBM15B
13308	RBM17
13309	RBM18
13310	RBM19
13311	RBM20
13312	RBM22
13313	RBM23
13314	RBM24
13315	RBM25
13316	RBM26
13317	RBM27
13318	RBM28
13319	RBM3
13320	RBM33
13321	RBM34
13322	RBM38
13323	RBM39
13324	RBM4
13325	RBM41
13326	RBM42
13327	RBM43
13328	RBM44
13329	RBM45
13330	RBM46

13331	RBM47
13332	RBM48
13333	RBM5
13334	RBM6
13335	RBM7
13336	RBM8A
13337	RBMS1
13338	RBMS2
13339	RBMS3
13340	RBMX
13341	RBMX2
13342	RBMXL1
13343	RBMXL2
13344	RBMXL3
13345	RBMY1A1
13346	RBMY1E
13347	RBMY1J
13348	RBP1
13349	RBP2
13350	RBP3
13351	RBP4
13352	RBP5
13353	RBP7
13354	RBPJ
13355	RBPJL
13356	RPMS
13357	RPMS2
13358	RBSN
13359	RBX1
13360	RC3H1
13361	RC3H2
13362	RCAN1
13363	RCAN2
13364	RCAN3
13365	RCBTB1
13366	RCBTB2
13367	RCC1
13368	RCC1L
13369	RCC2
13370	RCCD1
13371	RCE1
13372	RCHY1
13373	RCL1

13374	RCN1
13375	RCN2
13376	RCN3
13377	RCOR1
13378	RCOR2
13379	RCOR3
13380	RCSD1
13381	RCVRN
13382	RD3
13383	RD3L
13384	RDH10
13385	RDH11
13386	RDH12
13387	RDH13
13388	RDH14
13389	RDH16
13390	RDH5
13391	RDH8
13392	RDM1
13393	RDX
13394	REC114
13395	REC8
13396	RECK
13397	RECQL
13398	RECQL4
13399	RECQL5
13400	REELD1
13401	REEP1
13402	REEP2
13403	REEP3
13404	REEP4
13405	REEP5
13406	REEP6
13407	REG1A
13408	REG3A
13409	REG3G
13410	REG4
13411	REL
13412	RELA
13413	RELB
13414	RELCH
13415	RELL1
13416	RELL2

13417	RELN
13418	RELT
13419	REM1
13420	REM2
13421	REN
13422	RENB
13423	REP15
13424	REPIN1
13425	REPS1
13426	REPS2
13427	RER1
13428	RERE
13429	RERG
13430	RERGL
13431	RESF1
13432	RESP18
13433	REST
13434	RET
13435	RETN
13436	RETNLB
13437	RETREG1
13438	RETREG2
13439	RETREG3
13440	RETSAT
13441	REV1
13442	REV3L
13443	REX1BD
13444	REXO1
13445	REXO2
13446	REXO4
13447	REXO5
13448	RFC1
13449	RFC2
13450	RFC3
13451	RFC4
13452	RFC5
13453	RFESD
13454	RFFL
13455	RFK
13456	RFLNA
13457	RFLNB
13458	RFNG
13459	RFPL1

13460	RFPL2
13461	RFPL4A
13462	RFPL4AL1
13463	RFPL4B
13464	RFT1
13465	RFTN1
13466	RFTN2
13467	RFWD3
13468	RFX1
13469	RFX2
13470	RFX3
13471	RFX4
13472	RFX5
13473	RFX6
13474	RFX7
13475	RFX8
13476	RFXANK
13477	RFXAP
13478	RGCC
13479	RGL1
13480	RGL2
13481	RGL3
13482	RGMA
13483	RGMB
13484	RGN
13485	RGP1
13486	RGPD1
13487	RGPD2
13488	RGPD3
13489	RGPD4
13490	RGPD6
13491	RGPD8
13492	RGR
13493	RGS1
13494	RGS10
13495	RGS11
13496	RGS12
13497	RGS13
13498	RGS14
13499	RGS16
13500	RGS17
13501	RGS18
13502	RGS19

13503	RGS2
13504	RGS20
13505	RGS21
13506	RGS22
13507	RGS3
13508	RGS4
13509	RGS5
13510	RGS6
13511	RGS7
13512	RGS7BP
13513	RGS8
13514	RGS9
13515	RGS9BP
13516	RGSL1
13517	RHAG
13518	RHBDD1
13519	RHBDD2
13520	RHBDD3
13521	RHBDF1
13522	RHBDF2
13523	RHBDL1
13524	RHBDL2
13525	RHBDL3
13526	RHBG
13527	RHCE
13528	RHCG
13529	RHD
13530	RHEB
13531	RHEBL1
13532	RHEX
13533	RHNO1
13534	RHO
13535	RHOA
13536	RHOB
13537	RHOBTB1
13538	RHOBTB2
13539	RHOBTB3
13540	RHOC
13541	RHOD
13542	RHOF
13543	RHOG
13544	RHOH
13545	RHOJ

13546	RHOQ
13547	RHOT1
13548	RHOT2
13549	RHOU
13550	RHOV
13551	RHOXF1
13552	RHOXF2
13553	RHOXF2B
13554	RHPN1
13555	RHPN2
13556	RIBC1
13557	RIBC2
13558	RIC1
13559	RIC3
13560	RIC8A
13561	RIC8B
13562	RICTOR
13563	RIDA
13564	RIF1
13565	RIGI
13566	RIIAD1
13567	RILP
13568	RILPL1
13569	RILPL2
13570	RIMBP2
13571	RIMBP3B
13572	RIMKLA
13573	RIMKLB
13574	RIMOC1
13575	RIMS1
13576	RIMS2
13577	RIMS3
13578	RIMS4
13579	RIN1
13580	RIN2
13581	RIN3
13582	RING1
13583	RINL
13584	RINT1
13585	RIOK1
13586	RIOK2
13587	RIOK3
13588	RIOX1

13589	RIOX2
13590	RIPK1
13591	RIPK2
13592	RIPK3
13593	RIPK4
13594	RIPOR1
13595	RIPOR2
13596	RIPOR3
13597	RIPPLY1
13598	RIPPLY2
13599	RIPPLY3
13600	RIT1
13601	RIT2
13602	RITA1
13603	RLBP1
13604	RLF
13605	RLIG1
13606	RLIM
13607	RLN1
13608	RLN2
13609	RLN3
13610	RMC1
13611	RMDN1
13612	RMDN2
13613	RMDN3
13614	RMI1
13615	RMI2
13616	RMND1
13617	RMND5A
13618	RMND5B
13619	RNASE1
13620	RNASE10
13621	RNASE11
13622	RNASE12
13623	RNASE13
13624	RNASE2
13625	RNASE3
13626	RNASE4
13627	RNASE6
13628	RNASE7
13629	RNASE8
13630	RNASE9
13631	RNASEH1

13632	RNASEH2A
13633	RNASEH2B
13634	RNASEH2C
13635	RNASEK
13636	RNASEL
13637	RNASET2
13638	RND1
13639	RND2
13640	RND3
13641	RNF10
13642	RNF103
13643	RNF11
13644	RNF111
13645	RNF112
13646	RNF113A
13647	RNF113B
13648	RNF114
13649	RNF115
13650	RNF121
13651	RNF122
13652	RNF123
13653	RNF125
13654	RNF126
13655	RNF128
13656	RNF13
13657	RNF130
13658	RNF133
13659	RNF135
13660	RNF138
13661	RNF139
13662	RNF14
13663	RNF141
13664	RNF144A
13665	RNF144B
13666	RNF145
13667	RNF146
13668	RNF148
13669	RNF149
13670	RNF150
13671	RNF151
13672	RNF152
13673	RNF157
13674	RNF166

13675	RNF167
13676	RNF168
13677	RNF169
13678	RNF17
13679	RNF170
13680	RNF175
13681	RNF180
13682	RNF181
13683	RNF182
13684	RNF183
13685	RNF185
13686	RNF186
13687	RNF187
13688	RNF19A
13689	RNF19B
13690	RNF2
13691	RNF20
13692	RNF207
13693	RNF208
13694	RNF212
13695	RNF212B
13696	RNF213
13697	RNF214
13698	RNF215
13699	RNF216
13700	RNF217
13701	RNF220
13702	RNF222
13703	RNF223
13704	RNF224
13705	RNF225
13706	RNF227
13707	RNF24
13708	RNF25
13709	RNF26
13710	RNF31
13711	RNF32
13712	RNF34
13713	RNF38
13714	RNF39
13715	RNF4
13716	RNF40
13717	RNF41

13718	RNF43
13719	RNF44
13720	RNF5
13721	RNF6
13722	RNF7
13723	RNF8
13724	RNFT1
13725	RNFT2
13726	RNGTT
13727	RNH1
13728	RNLS
13729	RNMT
13730	RNPC3
13731	RNPEP
13732	RNPEPL1
13733	RNPS1
13734	RO60
13735	ROBO1
13736	ROBO2
13737	ROBO3
13738	ROBO4
13739	ROCK1
13740	ROCK2
13741	ROGDI
13742	ROM1
13743	ROMO1
13744	ROPN1
13745	ROPN1B
13746	ROPN1L
13747	ROR1
13748	ROR2
13749	RORA
13750	RORB
13751	RORC
13752	ROS1
13753	RP1
13754	RP1L1
13755	RP2
13756	RP9
13757	RPA1
13758	RPA2
13759	RPA3
13760	RPA4

13761	RPAIN
13762	RPAP1
13763	RPAP2
13764	RPAP3
13765	RPE
13766	RPE65
13767	RPEL1
13768	RPF1
13769	RPF2
13770	RPGR
13771	RPGRIP1
13772	RPGRIP1L
13773	RPH3A
13774	RPH3AL
13775	RPIA
13776	RPN1
13777	RPN2
13778	RPP14
13779	RPP21
13780	RPP25
13781	RPP25L
13782	RPP30
13783	RPP38
13784	RPP40
13785	RPRD1A
13786	RPRD1B
13787	RPRD2
13788	RPRM
13789	RPRML
13790	RPS19BP1
13791	RPS4Y1
13792	RPS4Y2
13793	RPS6KA1
13794	RPS6KA2
13795	RPS6KA3
13796	RPS6KA4
13797	RPS6KA5
13798	RPS6KA6
13799	RPS6KB1
13800	RPS6KB2
13801	RPS6KC1
13802	RPS6KL1
13803	RPSA

13804	RPTN
13805	RPTOR
13806	RPUSD1
13807	RPUSD2
13808	RPUSD3
13809	RPUSD4
13810	RRAD
13811	RRAGA
13812	RRAGB
13813	RRAGC
13814	RRAGD
13815	RRAS
13816	RRAS2
13817	RRBP1
13818	RREB1
13819	RRH
13820	RRM1
13821	RRM2
13822	RRM2B
13823	RRN3
13824	RRP1
13825	RRP12
13826	RRP15
13827	RRP1B
13828	RRP36
13829	RRP7A
13830	RRP8
13831	RRP9
13832	RRS1
13833	RS1
13834	RSAD1
13835	RSAD2
13836	RSBN1
13837	RSBN1L
13838	RSC1A1
13839	RSF1
13840	RSKR
13841	RSL1D1
13842	RSL24D1
13843	RSPH1
13844	RSPH10B
13845	RSPH10B2
13846	RSPH14

13847	RSPH3
13848	RSPH4A
13849	RSPH6A
13850	RSPH9
13851	RSPO1
13852	RSPO2
13853	RSPO3
13854	RSPO4
13855	RSPRY1
13856	RSRC1
13857	RSRC2
13858	RSRP1
13859	RSU1
13860	RTBDN
13861	RTCA
13862	RTCB
13863	RTKL1
13864	RTF1
13865	RTF2
13866	RTKN
13867	RTKN2
13868	RTL1
13869	RTL10
13870	RTL3
13871	RTL4
13872	RTL5
13873	RTL6
13874	RTL8A
13875	RTL8B
13876	RTL8C
13877	RTL9
13878	RTN1
13879	RTN2
13880	RTN3
13881	RTN4
13882	RTN4IP1
13883	RTN4R
13884	RTN4RL1
13885	RTN4RL2
13886	RTP1
13887	RTP2
13888	RTP3
13889	RTP4

13890	RTP5
13891	RTRAF
13892	RTTN
13893	RUBCN
13894	RUBCNL
13895	RUFY1
13896	RUFY2
13897	RUFY3
13898	RUFY4
13899	RUNDC1
13900	RUNDC3A
13901	RUNDC3B
13902	RUNX1
13903	RUNX1T1
13904	RUNX2
13905	RUNX3
13906	RUSC1
13907	RUSC2
13908	RUSF1
13909	RUVBL1
13910	RUVBL2
13911	RWDD1
13912	RWDD2A
13913	RWDD2B
13914	RWDD3
13915	RWDD4
13916	RXFP1
13917	RXFP2
13918	RXFP3
13919	RXFP4
13920	RXRA
13921	RXRB
13922	RXRG
13923	RXYLT1
13924	RYBP
13925	RYK
13926	RYR1
13927	RYR2
13928	RYR3
13929	S100A1
13930	S100A10
13931	S100A11
13932	S100A12

13933	S100A13
13934	S100A14
13935	S100A16
13936	S100A2
13937	S100A3
13938	S100A4
13939	S100A5
13940	S100A6
13941	S100A7
13942	S100A7A
13943	S100A8
13944	S100A9
13945	S100B
13946	S100G
13947	S100P
13948	S100PBP
13949	S100Z
13950	S1PR1
13951	S1PR2
13952	S1PR3
13953	S1PR4
13954	S1PR5
13955	SAA1
13956	SAA4
13957	SAAL1
13958	SAC3D1
13959	SACM1L
13960	SACS
13961	SAE1
13962	SAFB
13963	SAFB2
13964	SAG
13965	SAGE1
13966	SALL1
13967	SALL2
13968	SALL3
13969	SALL4
13970	SAMD1
13971	SAMD10
13972	SAMD11
13973	SAMD12
13974	SAMD13
13975	SAMD14

13976	SAMD15
13977	SAMD3
13978	SAMD4A
13979	SAMD4B
13980	SAMD5
13981	SAMD7
13982	SAMD8
13983	SAMD9
13984	SAMD9L
13985	SAMHD1
13986	SAMM50
13987	SAMSN1
13988	SANBR
13989	SAP130
13990	SAP18
13991	SAP25
13992	SAP30
13993	SAP30BP
13994	SAP30L
13995	SAPCD1
13996	SAPCD2
13997	SAR1A
13998	SAR1B
13999	SARAF
14000	SARDH
14001	SARM1
14002	SARNP
14003	SARS1
14004	SARS2
14005	SART1
14006	SART3
14007	SASH1
14008	SASH3
14009	SASS6
14010	SAT1
14011	SAT2
14012	SATB1
14013	SATB2
14014	SATL1
14015	SAV1
14016	SAXO1
14017	SAXO2
14018	SAXO3

14019	SAXO4
14020	SAXO5
14021	SAYSD1
14022	SBDS
14023	SBF1
14024	SBF2
14025	SBK1
14026	SBK2
14027	SBK3
14028	SBNO1
14029	SBNO2
14030	SBSN
14031	SBSPON
14032	SC5D
14033	SCAF1
14034	SCAF11
14035	SCAF4
14036	SCAF8
14037	SCAI
14038	SCAMP1
14039	SCAMP2
14040	SCAMP3
14041	SCAMP4
14042	SCAMP5
14043	SCAND1
14044	SCAND3
14045	SCAP
14046	SCAPER
14047	SCARA3
14048	SCARA5
14049	SCARB1
14050	SCARB2
14051	SCARF1
14052	SCARF2
14053	SCART1
14054	SCCPDH
14055	SCD
14056	SCD5
14057	SCEL
14058	SCFD1
14059	SCFD2
14060	SCG2
14061	SCG3

14062	SCG5
14063	SCGB1A1
14064	SCGB1C1
14065	SCGB1C2
14066	SCGB1D1
14067	SCGB1D2
14068	SCGB1D4
14069	SCGB2A1
14070	SCGB2A2
14071	SCGB2B2
14072	SCGB3A1
14073	SCGB3A2
14074	SCGN
14075	SCHIP1
14076	SCIMP
14077	SCIN
14078	SCLT1
14079	SCLY
14080	SCMH1
14081	SCML1
14082	SCML2
14083	SCML4
14084	SCN10A
14085	SCN11A
14086	SCN1A
14087	SCN1B
14088	SCN2A
14089	SCN2B
14090	SCN3A
14091	SCN3B
14092	SCN4A
14093	SCN4B
14094	SCN5A
14095	SCN7A
14096	SCN8A
14097	SCN9A
14098	SCNM1
14099	SCNN1A
14100	SCNN1B
14101	SCNN1D
14102	SCNN1G
14103	SCO1
14104	SCO2

14105	SCOC
14106	SCP2
14107	SCP2D1
14108	SCPEP1
14109	SCRG1
14110	SCRIB
14111	SCRN1
14112	SCRN2
14113	SCRN3
14114	SCRT1
14115	SCRT2
14116	SCT
14117	SCTR
14118	SCUBE1
14119	SCUBE2
14120	SCUBE3
14121	SCX
14122	SCYGR1
14123	SCYGR3
14124	SCYGR5
14125	SCYGR7
14126	SCYGR8
14127	SCYL1
14128	SCYL2
14129	SCYL3
14130	SDAD1
14131	SDC1
14132	SDC2
14133	SDC3
14134	SDC4
14135	SDCBP
14136	SDCBP2
14137	SDCCAG8
14138	SDE2
14139	SDF2
14140	SDF2L1
14141	SDF4
14142	SDHA
14143	SDHAF1
14144	SDHAF2
14145	SDHAF3
14146	SDHAF4
14147	SDHB

14148	SDHC
14149	SDHD
14150	SDK1
14151	SDK2
14152	SDR16C5
14153	SDR39U1
14154	SDR42E1
14155	SDR42E2
14156	SDR9C7
14157	SDS
14158	SDSL
14159	SEBOX
14160	SEC11A
14161	SEC11C
14162	SEC13
14163	SEC14L1
14164	SEC14L2
14165	SEC14L3
14166	SEC14L4
14167	SEC14L5
14168	SEC14L6
14169	SEC16A
14170	SEC16B
14171	SEC22A
14172	SEC22B
14173	SEC22C
14174	SEC23A
14175	SEC23B
14176	SEC23IP
14177	SEC24A
14178	SEC24B
14179	SEC24C
14180	SEC24D
14181	SEC31A
14182	SEC31B
14183	SEC61A1
14184	SEC61A2
14185	SEC61B
14186	SEC61G
14187	SEC62
14188	SEC63
14189	SECISBP2
14190	SECISBP2L

14191	SECTM1
14192	SEH1L
14193	SEL1L
14194	SEL1L2
14195	SEL1L3
14196	SELE
14197	SELENBP1
14198	SELENOF
14199	SELENOH
14200	SELENOI
14201	SELENOK
14202	SELENOM
14203	SELENON
14204	SELENOO
14205	SELENOP
14206	SELENOS
14207	SELENOT
14208	SELENOV
14209	SELENOW
14210	SELL
14211	SELP
14212	SELPLG
14213	SEM1
14214	SEMA3A
14215	SEMA3B
14216	SEMA3C
14217	SEMA3D
14218	SEMA3E
14219	SEMA3F
14220	SEMA3G
14221	SEMA4A
14222	SEMA4B
14223	SEMA4C
14224	SEMA4D
14225	SEMA4F
14226	SEMA4G
14227	SEMA5A
14228	SEMA5B
14229	SEMA6A
14230	SEMA6B
14231	SEMA6C
14232	SEMA6D
14233	SEMA7A

14234	SEMG1
14235	SEMG2
14236	SENP1
14237	SENP2
14238	SENP3
14239	SENP5
14240	SENP6
14241	SENP7
14242	SENP8
14243	SEPHS1
14244	SEPHS2
14245	SEPSECS
14246	SEPTIN1
14247	SEPTIN10
14248	SEPTIN11
14249	SEPTIN12
14250	SEPTIN14
14251	SEPTIN2
14252	SEPTIN3
14253	SEPTIN4
14254	SEPTIN5
14255	SEPTIN6
14256	SEPTIN7
14257	SEPTIN8
14258	SEPTIN9
14259	SERAC1
14260	SERBP1
14261	SERF1B
14262	SERF2
14263	SERGEF
14264	SERHL2
14265	SERINC1
14266	SERINC2
14267	SERINC3
14268	SERINC4
14269	SERINC5
14270	SERP1
14271	SERP2
14272	SERPINA1
14273	SERPINA10
14274	SERPINA11
14275	SERPINA12
14276	SERPINA2

14277	SERPINA3
14278	SERPINA4
14279	SERPINA5
14280	SERPINA6
14281	SERPINA7
14282	SERPINA9
14283	SERPINB1
14284	SERPINB10
14285	SERPINB11
14286	SERPINB12
14287	SERPINB13
14288	SERPINB2
14289	SERPINB3
14290	SERPINB4
14291	SERPINB5
14292	SERPINB6
14293	SERPINB7
14294	SERPINB8
14295	SERPINB9
14296	SERPINC1
14297	SERPIND1
14298	SERPINE1
14299	SERPINE2
14300	SERPINE3
14301	SERPINF1
14302	SERPINF2
14303	SERPING1
14304	SERPINH1
14305	SERPINI1
14306	SERPINI2
14307	SERTAD1
14308	SERTAD2
14309	SERTAD3
14310	SERTAD4
14311	SERTM1
14312	SERTM2
14313	SESN1
14314	SESN2
14315	SESN3
14316	SESTD1
14317	SET
14318	SETBP1
14319	SETD1A

14320	SETD1B
14321	SETD2
14322	SETD3
14323	SETD4
14324	SETD5
14325	SETD6
14326	SETD7
14327	SETD9
14328	SETDB1
14329	SETDB2
14330	SETMAR
14331	SETSIP
14332	SETX
14333	SEZ6
14334	SEZ6L
14335	SEZ6L2
14336	SF1
14337	SF3A1
14338	SF3A2
14339	SF3A3
14340	SF3B1
14341	SF3B2
14342	SF3B3
14343	SF3B4
14344	SF3B5
14345	SF3B6
14346	SFI1
14347	SFMBT1
14348	SFMBT2
14349	SFN
14350	SFPQ
14351	SFR1
14352	SFRP1
14353	SFRP2
14354	SFRP4
14355	SFRP5
14356	SFSWAP
14357	SFT2D1
14358	SFT2D2
14359	SFT2D3
14360	SFTA2
14361	SFTPA1
14362	SFTPA2

14363	SFTPB
14364	SFTPC
14365	SFTPD
14366	SFXN1
14367	SFXN2
14368	SFXN3
14369	SFXN4
14370	SFXN5
14371	SGCA
14372	SGCB
14373	SGCD
14374	SGCE
14375	SGCG
14376	SGCZ
14377	SGF29
14378	SGIP1
14379	SGK1
14380	SGK2
14381	SGK3
14382	SGMS1
14383	SGMS2
14384	SGO1
14385	SGO2
14386	SGPL1
14387	SGPP1
14388	SGPP2
14389	SGSH
14390	SGSM1
14391	SGSM2
14392	SGSM3
14393	SGTA
14394	SGTB
14395	SH2B1
14396	SH2B2
14397	SH2B3
14398	SH2D1A
14399	SH2D1B
14400	SH2D2A
14401	SH2D3A
14402	SH2D3C
14403	SH2D4A
14404	SH2D4B
14405	SH2D5

14406	SH2D6
14407	SH2D7
14408	SH3BGR
14409	SH3BGRL
14410	SH3BGRL2
14411	SH3BGRL3
14412	SH3BP1
14413	SH3BP2
14414	SH3BP4
14415	SH3BP5
14416	SH3BP5L
14417	SH3D19
14418	SH3D21
14419	SH3GL1
14420	SH3GL2
14421	SH3GL3
14422	SH3GLB1
14423	SH3GLB2
14424	SH3KBP1
14425	SH3PXD2A
14426	SH3PXD2B
14427	SH3RF1
14428	SH3RF2
14429	SH3RF3
14430	SH3TC1
14431	SH3TC2
14432	SH3YL1
14433	SHANK1
14434	SHANK2
14435	SHANK3
14436	SHARPIN
14437	SHB
14438	SHBG
14439	SHC1
14440	SHC2
14441	SHC3
14442	SHC4
14443	SHCBP1
14444	SHCBP1L
14445	SHD
14446	SHE
14447	SHF
14448	SHFL

14449	SHH
14450	SHISA2
14451	SHISA3
14452	SHISA4
14453	SHISA5
14454	SHISA6
14455	SHISA7
14456	SHISA8
14457	SHISA9
14458	SHISAL1
14459	SHISAL2A
14460	SHISAL2B
14461	SHKBP1
14462	SHLD1
14463	SHLD2
14464	SHLD3
14465	SHMT1
14466	SHMT2
14467	SHOC1
14468	SHOC2
14469	SHOX
14470	SHOX2
14471	SHPK
14472	SHPRH
14473	SHQ1
14474	SHROOM1
14475	SHROOM2
14476	SHROOM3
14477	SHROOM4
14478	SHTN1
14479	SI
14480	SIAE
14481	SIAH1
14482	SIAH2
14483	SIAH3
14484	SIDT1
14485	SIDT2
14486	SIGIRR
14487	SIGLEC1
14488	SIGLEC10
14489	SIGLEC11
14490	SIGLEC12
14491	SIGLEC14

14492	SIGLEC15
14493	SIGLEC16
14494	SIGLEC5
14495	SIGLEC6
14496	SIGLEC7
14497	SIGLEC8
14498	SIGLEC9
14499	SIGLECL1
14500	SIGMAR1
14501	SIK1
14502	SIK2
14503	SIK3
14504	SIKE1
14505	SIL1
14506	SIM1
14507	SIM2
14508	SIMC1
14509	SIN3A
14510	SIN3B
14511	SINHCAF
14512	SIPA1
14513	SIPA1L1
14514	SIPA1L2
14515	SIPA1L3
14516	SIRPA
14517	SIRPB1
14518	SIRPB2
14519	SIRPD
14520	SIRPG
14521	SIRT1
14522	SIRT2
14523	SIRT3
14524	SIRT4
14525	SIRT5
14526	SIRT6
14527	SIRT7
14528	SIT1
14529	SIVA1
14530	SIX1
14531	SIX2
14532	SIX3
14533	SIX4
14534	SIX5

14535	SIX6
14536	SKA1
14537	SKA2
14538	SKA3
14539	SKAP1
14540	SKAP2
14541	SKI
14542	SKIC2
14543	SKIC3
14544	SKIC8
14545	SKIDA1
14546	SKIL
14547	SKOR1
14548	SKOR2
14549	SKP1
14550	SKP2
14551	SLA
14552	SLA2
14553	SLAIN1
14554	SLAIN2
14555	SLAMF1
14556	SLAMF6
14557	SLAMF7
14558	SLAMF8
14559	SLAMF9
14560	SLBP
14561	SLC10A1
14562	SLC10A2
14563	SLC10A3
14564	SLC10A4
14565	SLC10A5
14566	SLC10A6
14567	SLC10A7
14568	SLC11A1
14569	SLC11A2
14570	SLC12A1
14571	SLC12A2
14572	SLC12A3
14573	SLC12A4
14574	SLC12A5
14575	SLC12A6
14576	SLC12A7
14577	SLC12A8

14578	SLC12A9
14579	SLC13A1
14580	SLC13A2
14581	SLC13A3
14582	SLC13A4
14583	SLC13A5
14584	SLC14A1
14585	SLC14A2
14586	SLC15A1
14587	SLC15A2
14588	SLC15A3
14589	SLC15A4
14590	SLC15A5
14591	SLC16A1
14592	SLC16A10
14593	SLC16A11
14594	SLC16A12
14595	SLC16A13
14596	SLC16A14
14597	SLC16A2
14598	SLC16A3
14599	SLC16A4
14600	SLC16A5
14601	SLC16A6
14602	SLC16A7
14603	SLC16A8
14604	SLC16A9
14605	SLC17A1
14606	SLC17A2
14607	SLC17A3
14608	SLC17A4
14609	SLC17A5
14610	SLC17A6
14611	SLC17A7
14612	SLC17A8
14613	SLC17A9
14614	SLC18A1
14615	SLC18A2
14616	SLC18A3
14617	SLC18B1
14618	SLC19A1
14619	SLC19A2
14620	SLC19A3

14621	SLC1A1
14622	SLC1A2
14623	SLC1A3
14624	SLC1A4
14625	SLC1A5
14626	SLC1A6
14627	SLC1A7
14628	SLC20A1
14629	SLC20A2
14630	SLC22A1
14631	SLC22A10
14632	SLC22A11
14633	SLC22A12
14634	SLC22A13
14635	SLC22A14
14636	SLC22A15
14637	SLC22A16
14638	SLC22A17
14639	SLC22A18
14640	SLC22A2
14641	SLC22A23
14642	SLC22A24
14643	SLC22A25
14644	SLC22A3
14645	SLC22A31
14646	SLC22A4
14647	SLC22A5
14648	SLC22A6
14649	SLC22A7
14650	SLC22A8
14651	SLC22A9
14652	SLC23A1
14653	SLC23A2
14654	SLC23A3
14655	SLC24A1
14656	SLC24A2
14657	SLC24A3
14658	SLC24A4
14659	SLC24A5
14660	SLC25A1
14661	SLC25A10
14662	SLC25A11
14663	SLC25A12

14664	SLC25A13
14665	SLC25A14
14666	SLC25A15
14667	SLC25A16
14668	SLC25A17
14669	SLC25A18
14670	SLC25A19
14671	SLC25A2
14672	SLC25A20
14673	SLC25A21
14674	SLC25A22
14675	SLC25A23
14676	SLC25A24
14677	SLC25A25
14678	SLC25A26
14679	SLC25A27
14680	SLC25A28
14681	SLC25A29
14682	SLC25A3
14683	SLC25A30
14684	SLC25A31
14685	SLC25A32
14686	SLC25A33
14687	SLC25A34
14688	SLC25A35
14689	SLC25A36
14690	SLC25A37
14691	SLC25A38
14692	SLC25A39
14693	SLC25A4
14694	SLC25A40
14695	SLC25A41
14696	SLC25A42
14697	SLC25A43
14698	SLC25A44
14699	SLC25A45
14700	SLC25A46
14701	SLC25A47
14702	SLC25A48
14703	SLC25A5
14704	SLC25A51
14705	SLC25A52
14706	SLC25A53

14707	SLC25A6
14708	SLC26A1
14709	SLC26A11
14710	SLC26A2
14711	SLC26A3
14712	SLC26A4
14713	SLC26A5
14714	SLC26A6
14715	SLC26A7
14716	SLC26A8
14717	SLC26A9
14718	SLC27A1
14719	SLC27A2
14720	SLC27A3
14721	SLC27A4
14722	SLC27A5
14723	SLC27A6
14724	SLC28A1
14725	SLC28A2
14726	SLC28A3
14727	SLC29A1
14728	SLC29A2
14729	SLC29A3
14730	SLC29A4
14731	SLC2A1
14732	SLC2A10
14733	SLC2A11
14734	SLC2A12
14735	SLC2A13
14736	SLC2A14
14737	SLC2A2
14738	SLC2A3
14739	SLC2A4
14740	SLC2A4RG
14741	SLC2A5
14742	SLC2A6
14743	SLC2A7
14744	SLC2A8
14745	SLC2A9
14746	SLC30A1
14747	SLC30A10
14748	SLC30A2
14749	SLC30A3

14750	SLC30A4
14751	SLC30A5
14752	SLC30A6
14753	SLC30A7
14754	SLC30A8
14755	SLC30A9
14756	SLC31A1
14757	SLC31A2
14758	SLC32A1
14759	SLC33A1
14760	SLC34A1
14761	SLC34A2
14762	SLC34A3
14763	SLC35A1
14764	SLC35A2
14765	SLC35A3
14766	SLC35A4
14767	SLC35A5
14768	SLC35B1
14769	SLC35B2
14770	SLC35B3
14771	SLC35B4
14772	SLC35C1
14773	SLC35C2
14774	SLC35D1
14775	SLC35D2
14776	SLC35D3
14777	SLC35E1
14778	SLC35E2B
14779	SLC35E3
14780	SLC35E4
14781	SLC35F1
14782	SLC35F2
14783	SLC35F3
14784	SLC35F4
14785	SLC35F5
14786	SLC35F6
14787	SLC35G1
14788	SLC35G2
14789	SLC35G3
14790	SLC35G4
14791	SLC35G5
14792	SLC35G6

14793	SLC36A1
14794	SLC36A2
14795	SLC36A3
14796	SLC36A4
14797	SLC37A1
14798	SLC37A2
14799	SLC37A3
14800	SLC37A4
14801	SLC38A1
14802	SLC38A10
14803	SLC38A11
14804	SLC38A2
14805	SLC38A3
14806	SLC38A4
14807	SLC38A5
14808	SLC38A6
14809	SLC38A7
14810	SLC38A8
14811	SLC38A9
14812	SLC39A1
14813	SLC39A10
14814	SLC39A11
14815	SLC39A12
14816	SLC39A13
14817	SLC39A14
14818	SLC39A2
14819	SLC39A3
14820	SLC39A4
14821	SLC39A5
14822	SLC39A6
14823	SLC39A7
14824	SLC39A8
14825	SLC39A9
14826	SLC3A1
14827	SLC3A2
14828	SLC40A1
14829	SLC41A1
14830	SLC41A2
14831	SLC41A3
14832	SLC43A1
14833	SLC43A2
14834	SLC43A3
14835	SLC44A1

14836	SLC44A2
14837	SLC44A3
14838	SLC44A4
14839	SLC44A5
14840	SLC45A1
14841	SLC45A2
14842	SLC45A3
14843	SLC45A4
14844	SLC46A1
14845	SLC46A2
14846	SLC46A3
14847	SLC47A1
14848	SLC47A2
14849	SLC48A1
14850	SLC49A3
14851	SLC49A4
14852	SLC4A1
14853	SLC4A10
14854	SLC4A11
14855	SLC4A1AP
14856	SLC4A2
14857	SLC4A3
14858	SLC4A4
14859	SLC4A5
14860	SLC4A7
14861	SLC4A8
14862	SLC4A9
14863	SLC50A1
14864	SLC51A
14865	SLC51B
14866	SLC52A1
14867	SLC52A2
14868	SLC52A3
14869	SLC5A1
14870	SLC5A10
14871	SLC5A11
14872	SLC5A12
14873	SLC5A2
14874	SLC5A3
14875	SLC5A4
14876	SLC5A5
14877	SLC5A6
14878	SLC5A7

14879	SLC5A8
14880	SLC5A9
14881	SLC66A1
14882	SLC66A2
14883	SLC66A3
14884	SLC6A1
14885	SLC6A11
14886	SLC6A12
14887	SLC6A13
14888	SLC6A14
14889	SLC6A15
14890	SLC6A16
14891	SLC6A17
14892	SLC6A18
14893	SLC6A19
14894	SLC6A2
14895	SLC6A20
14896	SLC6A3
14897	SLC6A4
14898	SLC6A5
14899	SLC6A6
14900	SLC6A7
14901	SLC6A8
14902	SLC6A9
14903	SLC7A1
14904	SLC7A10
14905	SLC7A11
14906	SLC7A13
14907	SLC7A14
14908	SLC7A2
14909	SLC7A3
14910	SLC7A4
14911	SLC7A5
14912	SLC7A6
14913	SLC7A6OS
14914	SLC7A7
14915	SLC7A8
14916	SLC7A9
14917	SLC8A1
14918	SLC8A2
14919	SLC8A3
14920	SLC8B1
14921	SLC9A1

14922	SLC9A2
14923	SLC9A3
14924	SLC9A4
14925	SLC9A5
14926	SLC9A6
14927	SLC9A7
14928	SLC9A8
14929	SLC9A9
14930	SLC9B1
14931	SLC9B2
14932	SLC9C1
14933	SLC9C2
14934	SLCO1A2
14935	SLCO1B1
14936	SLCO1B3
14937	SLCO1C1
14938	SLCO2A1
14939	SLCO2B1
14940	SLCO3A1
14941	SLCO4A1
14942	SLCO4C1
14943	SLCO5A1
14944	SLCO6A1
14945	SLF1
14946	SLF2
14947	SLFN11
14948	SLFN12
14949	SLFN12L
14950	SLFN13
14951	SLFN14
14952	SLFN5
14953	SLFNL1
14954	SLIRP
14955	SLIT1
14956	SLIT2
14957	SLIT3
14958	SLITRK1
14959	SLITRK2
14960	SLITRK3
14961	SLITRK4
14962	SLITRK5
14963	SLITRK6
14964	SLK

15008	SMCO1
15009	SMCO2
15010	SMCO3
15011	SMCO4
15012	SMCP
15013	SMCR8
15014	SMDT1
15015	SMG1
15016	SMG5
15017	SMG6
15018	SMG7
15019	SMG8
15020	SMG9
15021	SMIM1
15022	SMIM10
15023	SMIM10L1
15024	SMIM10L2A
15025	SMIM10L2B
15026	SMIM11
15027	SMIM12
15028	SMIM13
15029	SMIM14
15030	SMIM15
15031	SMIM17
15032	SMIM18
15033	SMIM19
15034	SMIM2
15035	SMIM20
15036	SMIM21
15037	SMIM22
15038	SMIM23
15039	SMIM24
15040	SMIM26
15041	SMIM27
15042	SMIM28
15043	SMIM29
15044	SMIM3
15045	SMIM30
15046	SMIM31
15047	SMIM32
15048	SMIM33
15049	SMIM35
15050	SMIM36

15051	SMIM38
15052	SMIM40
15053	SMIM42
15054	SMIM43
15055	SMIM44
15056	SMIM45
15057	SMIM46
15058	SMIM47
15059	SMIM5
15060	SMIM6
15061	SMIM7
15062	SMIM8
15063	SMIM9
15064	SMKR1
15065	SMLR1
15066	SMN1
15067	SMN2
15068	SMNDC1
15069	SMO
15070	SMOC1
15071	SMOC2
15072	SMOX
15073	SMPD1
15074	SMPD2
15075	SMPD3
15076	SMPD4
15077	SMPDL3A
15078	SMPDL3B
15079	SMPX
15080	SMR3A
15081	SMR3B
15082	SMS
15083	SMTN
15084	SMTNL1
15085	SMTNL2
15086	SMU1
15087	SMUG1
15088	SMURF1
15089	SMURF2
15090	SMYD1
15091	SMYD2
15092	SMYD3
15093	SMYD4

15094	SMYD5
15095	SNAI1
15096	SNAI2
15097	SNAI3
15098	SNAP23
15099	SNAP25
15100	SNAP29
15101	SNAP47
15102	SNAP91
15103	SNAPC1
15104	SNAPC2
15105	SNAPC3
15106	SNAPC4
15107	SNAPC5
15108	SNAPIN
15109	SNCA
15110	SNCAIP
15111	SNCB
15112	SNCG
15113	SND1
15114	SNED1
15115	SNF8
15116	SNIP1
15117	SNN
15118	SNORC
15119	SNPH
15120	SNRK
15121	SNRNP200
15122	SNRNP25
15123	SNRNP27
15124	SNRNP35
15125	SNRNP40
15126	SNRNP48
15127	SNRNP70
15128	SNRPA
15129	SNRPA1
15130	SNRPB
15131	SNRPB2
15132	SNRPC
15133	SNRPD1
15134	SNRPD2
15135	SNRPD3
15136	SNRPF

15137	SNRPG
15138	SNRPN
15139	SNTA1
15140	SNTB1
15141	SNTB2
15142	SNTG1
15143	SNTG2
15144	SNTN
15145	SNU13
15146	SNUPN
15147	SNURF
15148	SNW1
15149	SNX1
15150	SNX10
15151	SNX11
15152	SNX12
15153	SNX13
15154	SNX14
15155	SNX15
15156	SNX16
15157	SNX17
15158	SNX18
15159	SNX19
15160	SNX2
15161	SNX20
15162	SNX21
15163	SNX22
15164	SNX24
15165	SNX25
15166	SNX27
15167	SNX29
15168	SNX3
15169	SNX30
15170	SNX31
15171	SNX32
15172	SNX33
15173	SNX4
15174	SNX5
15175	SNX6
15176	SNX7
15177	SNX8
15178	SNX9
15179	SOAT1

15180	SOAT2
15181	SOBP
15182	SOCS1
15183	SOCS2
15184	SOCS3
15185	SOCS4
15186	SOCS5
15187	SOCS6
15188	SOCS7
15189	SOD1
15190	SOD2
15191	SOD3
15192	SOGA1
15193	SOGA3
15194	SOHLH1
15195	SOHLH2
15196	SON
15197	SORBS1
15198	SORBS2
15199	SORBS3
15200	SORCS1
15201	SORCS2
15202	SORCS3
15203	SORD
15204	SORL1
15205	SORT1
15206	SOS1
15207	SOS2
15208	SOST
15209	SOSTDC1
15210	SOWAHA
15211	SOWAHB
15212	SOWAHC
15213	SOWAHD
15214	SOX1
15215	SOX10
15216	SOX11
15217	SOX12
15218	SOX13
15219	SOX14
15220	SOX15
15221	SOX17
15222	SOX18

15223	SOX2
15224	SOX21
15225	SOX3
15226	SOX30
15227	SOX4
15228	SOX5
15229	SOX6
15230	SOX7
15231	SOX8
15232	SOX9
15233	SP1
15234	SP100
15235	SP110
15236	SP140
15237	SP140L
15238	SP2
15239	SP3
15240	SP4
15241	SP5
15242	SP6
15243	SP7
15244	SP8
15245	SP9
15246	SPA17
15247	SPAAR
15248	SPACA1
15249	SPACA3
15250	SPACA4
15251	SPACA5
15252	SPACA5B
15253	SPACA6
15254	SPACA7
15255	SPACA9
15256	SPACDR
15257	SPADH
15258	SPAG1
15259	SPAG11A
15260	SPAG11B
15261	SPAG16
15262	SPAG17
15263	SPAG4
15264	SPAG5
15265	SPAG6

15266	SPAG7
15267	SPAG8
15268	SPAG9
15269	SPAM1
15270	SPANXA2
15271	SPANXB1
15272	SPANXC
15273	SPANXD
15274	SPANXN1
15275	SPANXN2
15276	SPANXN3
15277	SPANXN4
15278	SPANXN5
15279	SPARC
15280	SPARCL1
15281	SPART
15282	SPAST
15283	SPATA1
15284	SPATA12
15285	SPATA13
15286	SPATA16
15287	SPATA17
15288	SPATA18
15289	SPATA19
15290	SPATA2
15291	SPATA20
15292	SPATA21
15293	SPATA22
15294	SPATA24
15295	SPATA25
15296	SPATA2L
15297	SPATA3
15298	SPATA31A1
15299	SPATA31A3
15300	SPATA31A6
15301	SPATA31C1
15302	SPATA31C2
15303	SPATA31D1
15304	SPATA31D3
15305	SPATA31D4
15306	SPATA31E1
15307	SPATA31F1
15308	SPATA31F3

15309	SPATA32
15310	SPATA33
15311	SPATA4
15312	SPATA45
15313	SPATA46
15314	SPATA6
15315	SPATA6L
15316	SPATA7
15317	SPATA9
15318	SPATC1
15319	SPATC1L
15320	SPATS1
15321	SPATS2
15322	SPATS2L
15323	SPC24
15324	SPC25
15325	SPCS1
15326	SPCS2
15327	SPCS3
15328	SPDEF
15329	SPDL1
15330	SPDYA
15331	SPDYC
15332	SPDYE1
15333	SPDYE10
15334	SPDYE12
15335	SPDYE13
15336	SPDYE15
15337	SPDYE17
15338	SPDYE18
15339	SPDYE2
15340	SPDYE3
15341	SPDYE4
15342	SPDYE6
15343	SPECC1
15344	SPECC1L
15345	SPEF1
15346	SPEF2
15347	SPEG
15348	SPEGNB
15349	SPEM1
15350	SPEM2
15351	SPEM3

15352	SPEN
15353	SPESP1
15354	SPG11
15355	SPG21
15356	SPG7
15357	SPHK1
15358	SPHK2
15359	SPHKAP
15360	SPI1
15361	SPIB
15362	SPIC
15363	SPICE1
15364	SPIDR
15365	SPIN1
15366	SPIN2A
15367	SPIN2B
15368	SPIN3
15369	SPIN4
15370	SPINDOC
15371	SPINK1
15372	SPINK13
15373	SPINK14
15374	SPINK2
15375	SPINK4
15376	SPINK5
15377	SPINK6
15378	SPINK7
15379	SPINK8
15380	SPINK9
15381	SPINT1
15382	SPINT2
15383	SPINT3
15384	SPINT4
15385	SPIRE1
15386	SPIRE2
15387	SPMAP1
15388	SPMAP2
15389	SPMAP2L
15390	SPMIP1
15391	SPMIP10
15392	SPMIP11
15393	SPMIP2
15394	SPMIP3

15395	SPMIP4
15396	SPMIP5
15397	SPMIP6
15398	SPMIP7
15399	SPMIP8
15400	SPMIP9
15401	SPN
15402	SPNS1
15403	SPNS2
15404	SPNS3
15405	SPO11
15406	SPOCD1
15407	SPOCK1
15408	SPOCK2
15409	SPOCK3
15410	SPON1
15411	SPON2
15412	SPOP
15413	SPOPL
15414	SPOUT1
15415	SPP1
15416	SPP2
15417	SPPL2A
15418	SPPL2B
15419	SPPL2C
15420	SPPL3
15421	SPR
15422	SPRED1
15423	SPRED2
15424	SPRED3
15425	SPRING1
15426	SPRN
15427	SPRR1A
15428	SPRR1B
15429	SPRR2A
15430	SPRR2E
15431	SPRR2G
15432	SPRR3
15433	SPRR4
15434	SPRR5
15435	SPRTN
15436	SPRY1
15437	SPRY2

15438	SPRY3
15439	SPRY4
15440	SPRYD3
15441	SPRYD4
15442	SPRYD7
15443	SPSB1
15444	SPSB2
15445	SPSB3
15446	SPSB4
15447	SPTA1
15448	SPTAN1
15449	SPTB
15450	SPTBN1
15451	SPTBN2
15452	SPTBN4
15453	SPTBN5
15454	SPTLC1
15455	SPTLC2
15456	SPTLC3
15457	SPTSSA
15458	SPTSSB
15459	SPTY2D1
15460	SPX
15461	SPZ1
15462	SQLE
15463	SQOR
15464	SQSTM1
15465	SRA1
15466	SRARP
15467	SRBD1
15468	SRC
15469	SRCAP
15470	SRCIN1
15471	SRD5A1
15472	SRD5A2
15473	SRD5A3
15474	SREBF1
15475	SREBF2
15476	SREK1
15477	SREK1IP1
15478	SRF
15479	SRFBP1
15480	SRGAP1

15481	SRGAP2
15482	SRGAP2B
15483	SRGAP2C
15484	SRGAP3
15485	SRGN
15486	SRI
15487	SRL
15488	SRM
15489	SRMS
15490	SRP14
15491	SRP19
15492	SRP54
15493	SRP68
15494	SRP72
15495	SRP9
15496	SRPK1
15497	SRPK2
15498	SRPK3
15499	SRPRA
15500	SRPRB
15501	SRPX
15502	SRPX2
15503	SRR
15504	SRRD
15505	SRRM1
15506	SRRM2
15507	SRRM3
15508	SRRM4
15509	SRRM5
15510	SRRT
15511	SRSF1
15512	SRSF10
15513	SRSF11
15514	SRSF12
15515	SRSF2
15516	SRSF3
15517	SRSF4
15518	SRSF5
15519	SRSF6
15520	SRSF7
15521	SRSF8
15522	SRSF9
15523	SRXN1

15524	SRY
15525	SS18
15526	SS18L1
15527	SS18L2
15528	SSB
15529	SSBP1
15530	SSBP2
15531	SSBP3
15532	SSBP4
15533	SSC4D
15534	SSC5D
15535	SSH1
15536	SSH2
15537	SSH3
15538	SSMEM1
15539	SSNA1
15540	SSPN
15541	SSR1
15542	SSR2
15543	SSR3
15544	SSR4
15545	SSRP1
15546	SST
15547	SSTR1
15548	SSTR2
15549	SSTR3
15550	SSTR4
15551	SSTR5
15552	SSU72
15553	SSU72L2
15554	SSU72L3
15555	SSU72L4
15556	SSU72L6
15557	SSUH2
15558	SSX1
15559	SSX2B
15560	SSX2IP
15561	SSX3
15562	SSX4
15563	SSX4B
15564	SSX5
15565	SSX7
15566	ST13

15567	ST14
15568	ST18
15569	ST3GAL1
15570	ST3GAL2
15571	ST3GAL3
15572	ST3GAL4
15573	ST3GAL5
15574	ST3GAL6
15575	ST6GAL1
15576	ST6GAL2
15577	ST6GALNAC1
15578	ST6GALNAC2
15579	ST6GALNAC3
15580	ST6GALNAC4
15581	ST6GALNAC5
15582	ST6GALNAC6
15583	ST7
15584	ST7L
15585	ST8SIA1
15586	ST8SIA2
15587	ST8SIA3
15588	ST8SIA4
15589	ST8SIA5
15590	ST8SIA6
15591	STAB1
15592	STAB2
15593	STAC
15594	STAC2
15595	STAC3
15596	STAG1
15597	STAG2
15598	STAG3
15599	STAM
15600	STAM2
15601	STAMBP
15602	STAMBPL1
15603	STAP1
15604	STAP2
15605	STAR
15606	STARD10
15607	STARD13
15608	STARD3
15609	STARD3NL

15610	STARD4
15611	STARD5
15612	STARD6
15613	STARD7
15614	STARD8
15615	STARD9
15616	STAT1
15617	STAT2
15618	STAT3
15619	STAT4
15620	STAT5A
15621	STAT5B
15622	STAT6
15623	STATH
15624	STAU1
15625	STAU2
15626	STBD1
15627	STC1
15628	STC2
15629	STEAP1
15630	STEAP1B
15631	STEAP2
15632	STEAP3
15633	STEAP4
15634	STEAP1
15635	STH
15636	STIL
15637	STIM1
15638	STIM2
15639	STIMATE
15640	STING1
15641	STIP1
15642	STK10
15643	STK11
15644	STK11IP
15645	STK16
15646	STK17A
15647	STK17B
15648	STK19
15649	STK24
15650	STK25
15651	STK26
15652	STK3

15653	STK31
15654	STK32A
15655	STK32B
15656	STK32C
15657	STK33
15658	STK35
15659	STK36
15660	STK38
15661	STK38L
15662	STK39
15663	STK4
15664	STK40
15665	STKLD1
15666	STMN1
15667	STMN2
15668	STMN3
15669	STMN4
15670	STMND1
15671	STMP1
15672	STN1
15673	STOM
15674	STOML1
15675	STOML2
15676	STOML3
15677	STON1
15678	STON2
15679	STOX1
15680	STOX2
15681	STPG1
15682	STPG2
15683	STPG3
15684	STPG4
15685	STRA6
15686	STRA8
15687	STRADA
15688	STRADB
15689	STRAP
15690	STRBP
15691	STRC
15692	STRIP1
15693	STRIP2
15694	STRIT1
15695	STRN

15696	STRN3
15697	STRN4
15698	STS
15699	STT3A
15700	STT3B
15701	STUB1
15702	STUM
15703	STX10
15704	STX11
15705	STX12
15706	STX16
15707	STX17
15708	STX18
15709	STX19
15710	STX1A
15711	STX1B
15712	STX2
15713	STX3
15714	STX4
15715	STX5
15716	STX6
15717	STX7
15718	STX8
15719	STXBP1
15720	STXBP2
15721	STXBP3
15722	STXBP4
15723	STXBP5
15724	STXBP5L
15725	STXBP6
15726	STYK1
15727	STYX
15728	STYXL1
15729	STYXL2
15730	SUB1
15731	SUCLA2
15732	SUCLG1
15733	SUCLG2
15734	SUCNR1
15735	SUCO
15736	SUDS3
15737	SUFU
15738	SUGCT

15739	SUGP1
15740	SUGP2
15741	SUGT1
15742	SULF1
15743	SULF2
15744	SULT1A1
15745	SULT1A2
15746	SULT1A3
15747	SULT1B1
15748	SULT1C2
15749	SULT1C3
15750	SULT1C4
15751	SULT1E1
15752	SULT2A1
15753	SULT2B1
15754	SULT4A1
15755	SULT6B1
15756	SUMF1
15757	SUMF2
15758	SUMO1
15759	SUMO2
15760	SUMO3
15761	SUMO4
15762	SUN1
15763	SUN2
15764	SUN3
15765	SUN5
15766	SUOX
15767	SUPT16H
15768	SUPT20H
15769	SUPT20HL1
15770	SUPT20HL2
15771	SUPT3H
15772	SUPT4H1
15773	SUPT5H
15774	SUPT6H
15775	SUPT7L
15776	SUPV3L1
15777	SURF1
15778	SURF2
15779	SURF4
15780	SURF6
15781	SUSD1

15782	SUSD2
15783	SUSD3
15784	SUSD4
15785	SUSD5
15786	SUSD6
15787	SUV39H1
15788	SUV39H2
15789	SUZ12
15790	SV2A
15791	SV2B
15792	SV2C
15793	SVBP
15794	SVEP1
15795	SVIL
15796	SVIP
15797	SVOP
15798	SVOPL
15799	SWAP70
15800	SWI5
15801	SWSAP1
15802	SWT1
15803	SYAP1
15804	SYBU
15805	SYCE1
15806	SYCE1L
15807	SYCE2
15808	SYCE3
15809	SYCN
15810	SYCP1
15811	SYCP2
15812	SYCP2L
15813	SYCP3
15814	SYDE1
15815	SYDE2
15816	SYF2
15817	SYK
15818	SYMPK
15819	SYN1
15820	SYN2
15821	SYN3
15822	SYNC
15823	SYNCRIP
15824	SYNDIG1

15825	SYNDIG1L
15826	SYNE1
15827	SYNE2
15828	SYNE3
15829	SYNE4
15830	SYNGAP1
15831	SYNGR1
15832	SYNGR2
15833	SYNGR3
15834	SYNGR4
15835	SYNJ1
15836	SYNJ2
15837	SYNJ2BP
15838	SYNM
15839	SYNPO
15840	SYNPO2
15841	SYNPO2L
15842	SYNPR
15843	SYNRG
15844	SYP
15845	SYPL1
15846	SYPL2
15847	SYS1
15848	SYT1
15849	SYT10
15850	SYT11
15851	SYT12
15852	SYT13
15853	SYT14
15854	SYT15
15855	SYT15B
15856	SYT16
15857	SYT17
15858	SYT2
15859	SYT3
15860	SYT4
15861	SYT5
15862	SYT6
15863	SYT7
15864	SYT8
15865	SYT9
15866	SYTL1
15867	SYTL2

15868	SYTL3
15869	SYTL4
15870	SYTL5
15871	SYVN1
15872	SZRD1
15873	SZT2
15874	TAAR1
15875	TAAR2
15876	TAAR5
15877	TAAR6
15878	TAAR8
15879	TAAR9
15880	TAB1
15881	TAB2
15882	TAB3
15883	TAC1
15884	TAC3
15885	TAC4
15886	TACC1
15887	TACC2
15888	TACC3
15889	TACO1
15890	TACR1
15891	TACR2
15892	TACR3
15893	TACSTD2
15894	TADA1
15895	TADA2A
15896	TADA2B
15897	TADA3
15898	TAF1
15899	TAF10
15900	TAF11
15901	TAF11L11
15902	TAF11L14
15903	TAF11L2
15904	TAF11L3
15905	TAF11L6
15906	TAF11L9
15907	TAF12
15908	TAF13
15909	TAF15
15910	TAF1A

15911	TAF1B
15912	TAF1C
15913	TAF1D
15914	TAF1L
15915	TAF2
15916	TAF3
15917	TAF4
15918	TAF4B
15919	TAF5
15920	TAF5L
15921	TAF6
15922	TAF6L
15923	TAF7
15924	TAF7L
15925	TAF8
15926	TAF9
15927	TAF9B
15928	TAF10
15929	TAF11
15930	TAF12
15931	TAF13
15932	TAF14
15933	TAF15
15934	TAF16
15935	TAF17
15936	TAF18
15937	TAF19
15938	TAF20
15939	TAF21
15940	TAF22
15941	TAF23
15942	TAF24
15943	TAF25
15944	TAF26
15945	TAF27
15946	TAF28
15947	TAF29
15948	TAF30
15949	TAF31
15950	TAF32
15951	TAF33
15952	TAF34
15953	TAF35

15954	TAPBPL
15955	TAPT1
15956	TARBP1
15957	TARBP2
15958	TARDBP
15959	TARM1
15960	TARP
15961	TARS1
15962	TARS2
15963	TARS3
15964	TAS1R1
15965	TAS1R2
15966	TAS1R3
15967	TAS2R1
15968	TAS2R10
15969	TAS2R13
15970	TAS2R14
15971	TAS2R16
15972	TAS2R19
15973	TAS2R20
15974	TAS2R3
15975	TAS2R30
15976	TAS2R31
15977	TAS2R38
15978	TAS2R39
15979	TAS2R4
15980	TAS2R40
15981	TAS2R41
15982	TAS2R42
15983	TAS2R43
15984	TAS2R45
15985	TAS2R46
15986	TAS2R5
15987	TAS2R50
15988	TAS2R60
15989	TAS2R7
15990	TAS2R8
15991	TAS2R9
15992	TASL
15993	TASOR
15994	TASOR2
15995	TASP1
15996	TAT

15997	TATDN1
15998	TATDN2
15999	TATDN3
16000	TAX1BP1
16001	TAX1BP3
16002	TBATA
16003	TBC1D1
16004	TBC1D10A
16005	TBC1D10B
16006	TBC1D10C
16007	TBC1D12
16008	TBC1D13
16009	TBC1D14
16010	TBC1D15
16011	TBC1D16
16012	TBC1D17
16013	TBC1D19
16014	TBC1D2
16015	TBC1D20
16016	TBC1D21
16017	TBC1D22A
16018	TBC1D22B
16019	TBC1D23
16020	TBC1D24
16021	TBC1D25
16022	TBC1D26
16023	TBC1D28
16024	TBC1D2B
16025	TBC1D3
16026	TBC1D30
16027	TBC1D31
16028	TBC1D32
16029	TBC1D3B
16030	TBC1D3D
16031	TBC1D3E
16032	TBC1D3K
16033	TBC1D4
16034	TBC1D5
16035	TBC1D7
16036	TBC1D8
16037	TBC1D8B
16038	TBC1D9
16039	TBC1D9B

16040	TBCA
16041	TBCB
16042	TBCC
16043	TBCCD1
16044	TBCD
16045	TBCE
16046	TBCEL
16047	TBCK
16048	TBK1
16049	TBKBP1
16050	TBL1X
16051	TBL1XR1
16052	TBL1Y
16053	TBL2
16054	TBL3
16055	TBP
16056	TBPL1
16057	TBPL2
16058	TBR1
16059	TBRG1
16060	TBRG4
16061	TBX1
16062	TBX10
16063	TBX15
16064	TBX18
16065	TBX19
16066	TBX2
16067	TBX20
16068	TBX21
16069	TBX22
16070	TBX3
16071	TBX4
16072	TBX5
16073	TBX6
16074	TBXA2R
16075	TBXAS1
16076	TBXT
16077	TC2N
16078	TCAF1
16079	TCAF2
16080	TCAIM
16081	TCAP
16082	TCEA1

16083	TCEA2
16084	TCEA3
16085	TCEAL1
16086	TCEAL2
16087	TCEAL3
16088	TCEAL4
16089	TCEAL5
16090	TCEAL6
16091	TCEAL7
16092	TCEAL8
16093	TCEAL9
16094	TCEANC
16095	TCEANC2
16096	TCERG1
16097	TCERG1L
16098	TCF12
16099	TCF15
16100	TCF19
16101	TCF20
16102	TCF21
16103	TCF23
16104	TCF24
16105	TCF25
16106	TCF3
16107	TCF4
16108	TCF7
16109	TCF7L1
16110	TCF7L2
16111	TCFL5
16112	TCHH
16113	TCHHL1
16114	TCHP
16115	TCIM
16116	TCIRG1
16117	TCL1A
16118	TCL1B
16119	TCN1
16120	TCN2
16121	TCOF1
16122	TCP1
16123	TCP10L
16124	TCP11
16125	TCP11L1

16126	TCP11L2
16127	TCP11X1
16128	TCP11X2
16129	TCTA
16130	TCTE1
16131	TCTN1
16132	TCTN2
16133	TCTN3
16134	TDG
16135	TDO2
16136	TDP1
16137	TDP2
16138	TDRD1
16139	TDRD10
16140	TDRD12
16141	TDRD15
16142	TDRD3
16143	TDRD5
16144	TDRD6
16145	TDRD7
16146	TDRD9
16147	TDRKH
16148	TDRP
16149	TEAD1
16150	TEAD2
16151	TEAD3
16152	TEAD4
16153	TEC
16154	TECPR1
16155	TECPR2
16156	TECR
16157	TECRL
16158	TECTA
16159	TECTB
16160	TEDC1
16161	TEDC2
16162	TEDDM1
16163	TEF
16164	TEFM
16165	TEK
16166	TEKT1
16167	TEKT2
16168	TEKT3

16169	TEKT4
16170	TEKT5
16171	TEKTIP1
16172	TEKTL1
16173	TELO2
16174	TEN1
16175	TENM1
16176	TENM2
16177	TENM3
16178	TENM4
16179	TENT2
16180	TENT4A
16181	TENT4B
16182	TENT5A
16183	TENT5B
16184	TENT5C
16185	TENT5D
16186	TEP1
16187	TEPSIN
16188	TERB1
16189	TERB2
16190	TERF1
16191	TERF2
16192	TERF2IP
16193	TERT
16194	TES
16195	TESC
16196	TESK1
16197	TESK2
16198	TESMIN
16199	TESPA1
16200	TET1
16201	TET2
16202	TET3
16203	TEX10
16204	TEX101
16205	TEX11
16206	TEX12
16207	TEX13A
16208	TEX13B
16209	TEX13C
16210	TEX13D
16211	TEX14

16212	TEX15
16213	TEX19
16214	TEX2
16215	TEX22
16216	TEX26
16217	TEX261
16218	TEX264
16219	TEX28
16220	TEX29
16221	TEX30
16222	TEX35
16223	TEX36
16224	TEX38
16225	TEX44
16226	TEX46
16227	TEX47
16228	TEX48
16229	TEX50
16230	TEX51
16231	TEX52
16232	TEX53
16233	TEX54
16234	TEX55
16235	TEX9
16236	TF
16237	TFAM
16238	TFAP2A
16239	TFAP2B
16240	TFAP2C
16241	TFAP2D
16242	TFAP2E
16243	TFAP4
16244	TFB1M
16245	TFB2M
16246	TFCP2
16247	TFCP2L1
16248	TFDP1
16249	TFDP2
16250	TFDP3
16251	TFE3
16252	TFEB
16253	TFEC
16254	TFF1

16255	TFF2
16256	TFF3
16257	TFG
16258	TFIP11
16259	TFPI
16260	TFPI2
16261	TFPT
16262	TFR2
16263	TFRC
16264	TG
16265	TGDS
16266	TGFA
16267	TGFB1
16268	TGFB1I1
16269	TGFB2
16270	TGFB3
16271	TGFB1
16272	TGFBR1
16273	TGFBR2
16274	TGFBR3
16275	TGFBR3L
16276	TGFBRAP1
16277	TGIF1
16278	TGIF2
16279	TGIF2LX
16280	TGM1
16281	TGM2
16282	TGM3
16283	TGM4
16284	TGM5
16285	TGM6
16286	TGM7
16287	TGOLN2
16288	TGS1
16289	TH
16290	THADA
16291	THAP1
16292	THAP10
16293	THAP11
16294	THAP12
16295	THAP2
16296	THAP3
16297	THAP4

16298	THAP5
16299	THAP6
16300	THAP7
16301	THAP8
16302	THAP9
16303	THBD
16304	THBS1
16305	THBS2
16306	THBS3
16307	THBS4
16308	THEM4
16309	THEM5
16310	THEM6
16311	THEMIS
16312	THEMIS2
16313	THG1L
16314	THNSL1
16315	THNSL2
16316	THOC1
16317	THOC2
16318	THOC3
16319	THOC5
16320	THOC6
16321	THOC7
16322	THOP1
16323	THPO
16324	THRA
16325	THRAP3
16326	THRB
16327	THRSP
16328	THSD1
16329	THSD4
16330	THSD7A
16331	THSD7B
16332	THSD8
16333	THTPA
16334	THUMPD1
16335	THUMPD2
16336	THUMPD3
16337	THY1
16338	THYN1
16339	TIA1
16340	TIAL1

16341	TIAM1
16342	TIAM2
16343	TICAM1
16344	TICAM2
16345	TICRR
16346	TIE1
16347	TIFA
16348	TIFAB
16349	TIGAR
16350	TIGD1
16351	TIGD2
16352	TIGD3
16353	TIGD4
16354	TIGD5
16355	TIGD6
16356	TIGD7
16357	TIGIT
16358	TIMD4
16359	TIMELESS
16360	TIMM10
16361	TIMM10B
16362	TIMM13
16363	TIMM17A
16364	TIMM17B
16365	TIMM21
16366	TIMM22
16367	TIMM23
16368	TIMM23B
16369	TIMM29
16370	TIMM44
16371	TIMM50
16372	TIMM8A
16373	TIMM8B
16374	TIMM9
16375	TIMMDC1
16376	TIMP1
16377	TIMP2
16378	TIMP3
16379	TIMP4
16380	TINAG
16381	TINAGL1
16382	TINCR
16383	TINF2

16384	TIPARP
16385	TIPIN
16386	TIPRL
16387	TIRAP
16388	TJAP1
16389	TJP1
16390	TJP2
16391	TJP3
16392	TK1
16393	TK2
16394	TKFC
16395	TKT
16396	TKTL1
16397	TKTL2
16398	TLCD1
16399	TLCD2
16400	TLCD3A
16401	TLCD3B
16402	TLCD4
16403	TLCD5
16404	TLDC2
16405	TLE1
16406	TLE2
16407	TLE3
16408	TLE4
16409	TLE5
16410	TLE6
16411	TLE7
16412	TLK1
16413	TLK2
16414	TLL1
16415	TLL2
16416	TLN1
16417	TLN2
16418	TLNRD1
16419	TLR1
16420	TLR10
16421	TLR2
16422	TLR3
16423	TLR4
16424	TLR5
16425	TLR6
16426	TLR7

16427	TLR8
16428	TLR9
16429	TLX1
16430	TLX2
16431	TLX3
16432	TM2D1
16433	TM2D2
16434	TM2D3
16435	TM4SF1
16436	TM4SF18
16437	TM4SF19
16438	TM4SF20
16439	TM4SF4
16440	TM4SF5
16441	TM6SF1
16442	TM6SF2
16443	TM7SF2
16444	TM7SF3
16445	TM9SF1
16446	TM9SF2
16447	TM9SF3
16448	TM9SF4
16449	TMA16
16450	TMA7
16451	TMA7B
16452	TMBIM1
16453	TMBIM4
16454	TMBIM6
16455	TMC1
16456	TMC2
16457	TMC3
16458	TMC4
16459	TMC5
16460	TMC6
16461	TMC7
16462	TMC8
16463	TMCC1
16464	TMCC2
16465	TMCC3
16466	TMCO1
16467	TMCO2
16468	TMCO3
16469	TMCO4

16470	TMCO5A
16471	TMCO6
16472	TMDD1
16473	TMED1
16474	TMED10
16475	TMED2
16476	TMED3
16477	TMED4
16478	TMED5
16479	TMED6
16480	TMED7
16481	TMED8
16482	TMED9
16483	TMEFF1
16484	TMEFF2
16485	TMEM100
16486	TMEM101
16487	TMEM102
16488	TMEM104
16489	TMEM106A
16490	TMEM106B
16491	TMEM106C
16492	TMEM107
16493	TMEM108
16494	TMEM109
16495	TMEM11
16496	TMEM114
16497	TMEM115
16498	TMEM116
16499	TMEM117
16500	TMEM119
16501	TMEM120A
16502	TMEM120B
16503	TMEM121
16504	TMEM121B
16505	TMEM123
16506	TMEM125
16507	TMEM126A
16508	TMEM126B
16509	TMEM127
16510	TMEM128
16511	TMEM129
16512	TMEM130

16513	TMEM131
16514	TMEM131L
16515	TMEM132A
16516	TMEM132B
16517	TMEM132C
16518	TMEM132D
16519	TMEM132E
16520	TMEM134
16521	TMEM135
16522	TMEM138
16523	TMEM139
16524	TMEM140
16525	TMEM141
16526	TMEM143
16527	TMEM144
16528	TMEM145
16529	TMEM147
16530	TMEM14A
16531	TMEM14B
16532	TMEM14C
16533	TMEM150A
16534	TMEM150B
16535	TMEM150C
16536	TMEM151A
16537	TMEM151B
16538	TMEM154
16539	TMEM156
16540	TMEM158
16541	TMEM160
16542	TMEM161A
16543	TMEM161B
16544	TMEM163
16545	TMEM164
16546	TMEM165
16547	TMEM167A
16548	TMEM167B
16549	TMEM168
16550	TMEM169
16551	TMEM17
16552	TMEM170A
16553	TMEM170B
16554	TMEM171
16555	TMEM174

16556	TMEM175
16557	TMEM176A
16558	TMEM176B
16559	TMEM177
16560	TMEM178A
16561	TMEM178B
16562	TMEM179
16563	TMEM179B
16564	TMEM18
16565	TMEM181
16566	TMEM182
16567	TMEM183A
16568	TMEM184A
16569	TMEM184B
16570	TMEM184C
16571	TMEM185A
16572	TMEM185B
16573	TMEM186
16574	TMEM187
16575	TMEM19
16576	TMEM190
16577	TMEM191B
16578	TMEM191C
16579	TMEM192
16580	TMEM196
16581	TMEM198
16582	TMEM199
16583	TMEM200A
16584	TMEM200B
16585	TMEM200C
16586	TMEM201
16587	TMEM202
16588	TMEM203
16589	TMEM204
16590	TMEM205
16591	TMEM207
16592	TMEM208
16593	TMEM209
16594	TMEM210
16595	TMEM212
16596	TMEM213
16597	TMEM214
16598	TMEM215

16599	TMEM216
16600	TMEM217
16601	TMEM217B
16602	TMEM218
16603	TMEM219
16604	TMEM220
16605	TMEM221
16606	TMEM222
16607	TMEM223
16608	TMEM225
16609	TMEM225B
16610	TMEM229A
16611	TMEM229B
16612	TMEM230
16613	TMEM231
16614	TMEM232
16615	TMEM233
16616	TMEM234
16617	TMEM235
16618	TMEM236
16619	TMEM237
16620	TMEM238
16621	TMEM238L
16622	TMEM239
16623	TMEM240
16624	TMEM241
16625	TMEM242
16626	TMEM243
16627	TMEM244
16628	TMEM245
16629	TMEM247
16630	TMEM248
16631	TMEM249
16632	TMEM25
16633	TMEM250
16634	TMEM252
16635	TMEM253
16636	TMEM254
16637	TMEM255A
16638	TMEM255B
16639	TMEM256
16640	TMEM258
16641	TMEM259

16642	TMEM26
16643	TMEM260
16644	TMEM262
16645	TMEM263
16646	TMEM265
16647	TMEM266
16648	TMEM267
16649	TMEM268
16650	TMEM269
16651	TMEM270
16652	TMEM271
16653	TMEM272
16654	TMEM273
16655	TMEM275
16656	TMEM276
16657	TMEM30A
16658	TMEM30B
16659	TMEM31
16660	TMEM33
16661	TMEM35A
16662	TMEM35B
16663	TMEM37
16664	TMEM38A
16665	TMEM38B
16666	TMEM39A
16667	TMEM39B
16668	TMEM40
16669	TMEM41A
16670	TMEM41B
16671	TMEM42
16672	TMEM43
16673	TMEM44
16674	TMEM45A
16675	TMEM45B
16676	TMEM47
16677	TMEM50A
16678	TMEM50B
16679	TMEM51
16680	TMEM52
16681	TMEM52B
16682	TMEM53
16683	TMEM54
16684	TMEM59

16685	TMEM59L
16686	TMEM60
16687	TMEM61
16688	TMEM62
16689	TMEM63A
16690	TMEM63B
16691	TMEM63C
16692	TMEM64
16693	TMEM65
16694	TMEM67
16695	TMEM68
16696	TMEM69
16697	TMEM70
16698	TMEM71
16699	TMEM72
16700	TMEM74
16701	TMEM74B
16702	TMEM79
16703	TMEM80
16704	TMEM81
16705	TMEM82
16706	TMEM86A
16707	TMEM86B
16708	TMEM87A
16709	TMEM87B
16710	TMEM88
16711	TMEM88B
16712	TMEM89
16713	TMEM8B
16714	TMEM9
16715	TMEM91
16716	TMEM92
16717	TMEM94
16718	TMEM95
16719	TMEM97
16720	TMEM98
16721	TMEM9B
16722	TMF1
16723	TMIE
16724	TMIGD1
16725	TMIGD2
16726	TMIGD3
16727	TMLHE

16728	TMOD1
16729	TMOD2
16730	TMOD3
16731	TMOD4
16732	TMPO
16733	TMPPE
16734	TMPRSS11A
16735	TMPRSS11B
16736	TMPRSS11D
16737	TMPRSS11E
16738	TMPRSS11F
16739	TMPRSS12
16740	TMPRSS13
16741	TMPRSS15
16742	TMPRSS2
16743	TMPRSS3
16744	TMPRSS4
16745	TMPRSS5
16746	TMPRSS6
16747	TMPRSS7
16748	TMPRSS9
16749	TMSB10
16750	TMSB15A
16751	TMSB15B
16752	TMSB4X
16753	TMSB4Y
16754	TMT1A
16755	TMT1B
16756	TMTC1
16757	TMTC2
16758	TMTC3
16759	TMTC4
16760	TMUB1
16761	TMUB2
16762	TMX1
16763	TMX2
16764	TMX3
16765	TMX4
16766	TNC
16767	TNF
16768	TNFAIP1
16769	TNFAIP2
16770	TNFAIP3

16771	TNFAIP6
16772	TNFAIP8
16773	TNFAIP8L1
16774	TNFAIP8L2
16775	TNFAIP8L3
16776	TNFRSF10A
16777	TNFRSF10B
16778	TNFRSF10C
16779	TNFRSF10D
16780	TNFRSF11A
16781	TNFRSF11B
16782	TNFRSF12A
16783	TNFRSF13B
16784	TNFRSF13C
16785	TNFRSF14
16786	TNFRSF17
16787	TNFRSF18
16788	TNFRSF19
16789	TNFRSF1A
16790	TNFRSF1B
16791	TNFRSF21
16792	TNFRSF25
16793	TNFRSF4
16794	TNFRSF6B
16795	TNFRSF8
16796	TNFRSF9
16797	TNFSF10
16798	TNFSF11
16799	TNFSF12
16800	TNFSF13
16801	TNFSF13B
16802	TNFSF14
16803	TNFSF15
16804	TNFSF18
16805	TNFSF4
16806	TNFSF8
16807	TNFSF9
16808	TNIK
16809	TNIP1
16810	TNIP2
16811	TNIP3
16812	TNK1
16813	TNK2

16814	TNKS
16815	TNKS1BP1
16816	TNKS2
16817	TNMD
16818	TNN
16819	TNNC1
16820	TNNC2
16821	TNNI1
16822	TNNI2
16823	TNNI3
16824	TNNI3K
16825	TNNT1
16826	TNNT2
16827	TNNT3
16828	TNP1
16829	TNP2
16830	TNPO1
16831	TNPO2
16832	TNPO3
16833	TNR
16834	TNRC18
16835	TNRC6A
16836	TNRC6B
16837	TNRC6C
16838	TNS1
16839	TNS2
16840	TNS3
16841	TNS4
16842	TNXB
16843	TOB1
16844	TOB2
16845	TOE1
16846	TOGARAM1
16847	TOGARAM2
16848	TOLLIP
16849	TOM1
16850	TOM1L1
16851	TOM1L2
16852	TOMM20
16853	TOMM20L
16854	TOMM22
16855	TOMM34
16856	TOMM40

16857	TOMM40L
16858	TOMM5
16859	TOMM6
16860	TOMM7
16861	TOMM70
16862	TOMT
16863	TONSL
16864	TOP1
16865	TOP1MT
16866	TOP2A
16867	TOP2B
16868	TOP3A
16869	TOP3B
16870	TOP6BL
16871	TOPAZ1
16872	TOPBP1
16873	TOPORS
16874	TOR1A
16875	TOR1AIP1
16876	TOR1AIP2
16877	TOR1B
16878	TOR2A
16879	TOR3A
16880	TOR4A
16881	TOX
16882	TOX2
16883	TOX3
16884	TOX4
16885	TP53
16886	TP53AIP1
16887	TP53BP1
16888	TP53BP2
16889	TP53I11
16890	TP53I13
16891	TP53I3
16892	TP53INP1
16893	TP53INP2
16894	TP53RK
16895	TP53TG3D
16896	TP53TG3E
16897	TP53TG5
16898	TP63
16899	TP73

16900	TPBG
16901	TPBGL
16902	TPCN1
16903	TPCN2
16904	TPD52
16905	TPD52L1
16906	TPD52L2
16907	TPD52L3
16908	TPGS1
16909	TPGS2
16910	TPH1
16911	TPH2
16912	TPI1
16913	TPK1
16914	TPM1
16915	TPM2
16916	TPM3
16917	TPM4
16918	TPMT
16919	TPO
16920	TPP1
16921	TPP2
16922	TPPP
16923	TPPP2
16924	TPPP3
16925	TPR
16926	TPRA1
16927	TPRG1
16928	TPRG1L
16929	TPRKB
16930	TPRN
16931	TPRX1
16932	TPSAB1
16933	TPSB2
16934	TPSD1
16935	TPSG1
16936	TPST1
16937	TPST2
16938	TPT1
16939	TPTE
16940	TPTE2
16941	TPX2
16942	TRA2A

16943	TRA2B
16944	TRABD
16945	TRABD2A
16946	TRABD2B
16947	TRADD
16948	TRAF1
16949	TRAF2
16950	TRAF3
16951	TRAF3IP1
16952	TRAF3IP2
16953	TRAF3IP3
16954	TRAF4
16955	TRAF5
16956	TRAF6
16957	TRAF7
16958	TRAFFD1
16959	TRAIP
16960	TRAK1
16961	TRAK2
16962	TRAM1
16963	TRAM1L1
16964	TRAM2
16965	TRANK1
16966	TRAP1
16967	TRAPPC1
16968	TRAPPC10
16969	TRAPPC11
16970	TRAPPC12
16971	TRAPPC13
16972	TRAPPC14
16973	TRAPPC2
16974	TRAPPC2B
16975	TRAPPC2L
16976	TRAPPC3
16977	TRAPPC3L
16978	TRAPPC4
16979	TRAPPC5
16980	TRAPPC6A
16981	TRAPPC6B
16982	TRAPPC8
16983	TRAPPC9
16984	TRARG1
16985	TRAT1

16986	TRDMT1
16987	TRDN
16988	TREH
16989	TREM1
16990	TREM2
16991	TREML1
16992	TREML2
16993	TREML4
16994	TRERF1
16995	TREX1
16996	TREX2
16997	TRH
16998	TRHDE
16999	TRHR
17000	TRIAP1
17001	TRIB1
17002	TRIB2
17003	TRIB3
17004	TRIL
17005	TRIM10
17006	TRIM11
17007	TRIM13
17008	TRIM14
17009	TRIM15
17010	TRIM16
17011	TRIM17
17012	TRIM2
17013	TRIM21
17014	TRIM22
17015	TRIM23
17016	TRIM24
17017	TRIM25
17018	TRIM26
17019	TRIM27
17020	TRIM28
17021	TRIM29
17022	TRIM3
17023	TRIM31
17024	TRIM32
17025	TRIM33
17026	TRIM34
17027	TRIM35
17028	TRIM36

17029	TRIM37
17030	TRIM38
17031	TRIM39
17032	TRIM4
17033	TRIM40
17034	TRIM41
17035	TRIM42
17036	TRIM43B
17037	TRIM44
17038	TRIM45
17039	TRIM46
17040	TRIM47
17041	TRIM48
17042	TRIM49
17043	TRIM49B
17044	TRIM49C
17045	TRIM49D1
17046	TRIM5
17047	TRIM50
17048	TRIM51
17049	TRIM52
17050	TRIM54
17051	TRIM55
17052	TRIM56
17053	TRIM58
17054	TRIM59
17055	TRIM6
17056	TRIM60
17057	TRIM61
17058	TRIM62
17059	TRIM63
17060	TRIM64
17061	TRIM64B
17062	TRIM65
17063	TRIM66
17064	TRIM67
17065	TRIM68
17066	TRIM69
17067	TRIM7
17068	TRIM71
17069	TRIM72
17070	TRIM73
17071	TRIM74

17072	TRIM75
17073	TRIM77
17074	TRIM8
17075	TRIM9
17076	TRIML1
17077	TRIML2
17078	TRIO
17079	TRIOBP
17080	TRIP10
17081	TRIP11
17082	TRIP12
17083	TRIP13
17084	TRIP4
17085	TRIP6
17086	TRIQK
17087	TRIR
17088	TRIT1
17089	TRMO
17090	TRMT1
17091	TRMT10A
17092	TRMT10B
17093	TRMT10C
17094	TRMT11
17095	TRMT112
17096	TRMT12
17097	TRMT13
17098	TRMT1L
17099	TRMT2A
17100	TRMT2B
17101	TRMT44
17102	TRMT5
17103	TRMT6
17104	TRMT61A
17105	TRMT61B
17106	TRMT9B
17107	TRMU
17108	TRNAU1AP
17109	TRNP1
17110	TRNT1
17111	TRO
17112	TROAP
17113	TRPA1
17114	TRPC1

17115	TRPC3
17116	TRPC4
17117	TRPC4AP
17118	TRPC5
17119	TRPC5OS
17120	TRPC6
17121	TRPC7
17122	TRPM1
17123	TRPM2
17124	TRPM3
17125	TRPM4
17126	TRPM5
17127	TRPM6
17128	TRPM7
17129	TRPM8
17130	TRPS1
17131	TRPT1
17132	TRPV1
17133	TRPV2
17134	TRPV3
17135	TRPV4
17136	TRPV5
17137	TRPV6
17138	TRRAP
17139	TRUB1
17140	TRUB2
17141	TSACC
17142	TSBP1
17143	TSC1
17144	TSC2
17145	TSC22D1
17146	TSC22D2
17147	TSC22D3
17148	TSC22D4
17149	TSEN15
17150	TSEN2
17151	TSEN34
17152	TSEN54
17153	TSFM
17154	TSG101
17155	TSGA10
17156	TSGA10IP
17157	TSGA13

17158	TSHB
17159	TSHR
17160	TSHZ1
17161	TSHZ2
17162	TSHZ3
17163	TSKS
17164	TSKU
17165	TSLP
17166	TSN
17167	TSNARE1
17168	TSNAX
17169	TSNAXIP1
17170	TSPAN1
17171	TSPAN10
17172	TSPAN11
17173	TSPAN12
17174	TSPAN13
17175	TSPAN14
17176	TSPAN15
17177	TSPAN16
17178	TSPAN17
17179	TSPAN18
17180	TSPAN19
17181	TSPAN2
17182	TSPAN3
17183	TSPAN31
17184	TSPAN32
17185	TSPAN33
17186	TSPAN4
17187	TSPAN5
17188	TSPAN6
17189	TSPAN7
17190	TSPAN8
17191	TSPAN9
17192	TSPEAR
17193	TSPO
17194	TSPO2
17195	TSPOAP1
17196	TSPY1
17197	TSPY10
17198	TSPY2
17199	TSPY8
17200	TSPYL1

17201	TSPYL2
17202	TSPYL4
17203	TSPYL5
17204	TSPYL6
17205	TSR1
17206	TSR2
17207	TSR3
17208	TSSC4
17209	TSSK1B
17210	TSSK2
17211	TSSK3
17212	TSSK4
17213	TSSK6
17214	TST
17215	TSTD1
17216	TSTD2
17217	TSTD3
17218	TTBK1
17219	TTBK2
17220	TTC1
17221	TTC12
17222	TTC13
17223	TTC14
17224	TTC16
17225	TTC17
17226	TTC19
17227	TTC21A
17228	TTC21B
17229	TTC22
17230	TTC23
17231	TTC23L
17232	TTC24
17233	TTC27
17234	TTC28
17235	TTC29
17236	TTC3
17237	TTC31
17238	TTC32
17239	TTC33
17240	TTC34
17241	TTC36
17242	TTC38
17243	TTC39A

17244	TTC39B
17245	TTC39C
17246	TTC4
17247	TTC5
17248	TTC6
17249	TTC7A
17250	TTC7B
17251	TTC8
17252	TTC9
17253	TTC9B
17254	TTC9C
17255	TTF1
17256	TTF2
17257	TTI1
17258	TTI2
17259	TTK
17260	TTL
17261	TTLL1
17262	TTLL10
17263	TTLL11
17264	TTLL12
17265	TTLL13
17266	TTLL2
17267	TTLL3
17268	TTLL4
17269	TTLL5
17270	TTLL6
17271	TTLL7
17272	TTLL8
17273	TTLL9
17274	TTN
17275	TTPA
17276	TTPAL
17277	TTR
17278	TTYH1
17279	TTYH2
17280	TTYH3
17281	TUB
17282	TUBA1A
17283	TUBA1B
17284	TUBA1C
17285	TUBA3C
17286	TUBA3D

17287	TUBA3E
17288	TUBA4A
17289	TUBA8
17290	TUBAL3
17291	TUBB
17292	TUBB1
17293	TUBB2A
17294	TUBB2B
17295	TUBB3
17296	TUBB4A
17297	TUBB4B
17298	TUBB6
17299	TUBB8
17300	TUBB8B
17301	TUBD1
17302	TUBE1
17303	TUBG1
17304	TUBG2
17305	TUBGCP2
17306	TUBGCP3
17307	TUBGCP4
17308	TUBGCP5
17309	TUBGCP6
17310	TUFM
17311	TUFT1
17312	TUG1
17313	TULP1
17314	TULP2
17315	TULP3
17316	TULP4
17317	TUNAR
17318	TUSC1
17319	TUSC2
17320	TUSC3
17321	TUT1
17322	TUT4
17323	TUT7
17324	TVP23A
17325	TVP23B
17326	TVP23C
17327	TWF1
17328	TWF2
17329	TWIST1

17330	TWIST2
17331	TWINK
17332	TWIST1
17333	TXK
17334	TXLNA
17335	TXLNB
17336	TXLNG
17337	TXN
17338	TXN2
17339	TXNDC11
17340	TXNDC12
17341	TXNDC15
17342	TXNDC16
17343	TXNDC17
17344	TXNDC2
17345	TXNDC5
17346	TXNDC8
17347	TXNDC9
17348	TXNIP
17349	TXNL1
17350	TXNL4A
17351	TXNL4B
17352	TXNRD1
17353	TXNRD2
17354	TXNRD3
17355	TYK2
17356	TYMP
17357	TYMS
17358	TYR
17359	TYRO3
17360	TYROBP
17361	TYRP1
17362	TYSND1
17363	TYW1
17364	TYW1B
17365	TYW3
17366	TYW5
17367	U2AF1L4
17368	U2AF2
17369	U2SURP
17370	UACA
17371	UAP1
17372	UAP1L1

17373	UBA1
17374	UBA2
17375	UBA3
17376	UBA5
17377	UBA52
17378	UBA6
17379	UBA7
17380	UBAC1
17381	UBAC2
17382	UBALD1
17383	UBALD2
17384	UBAP1
17385	UBAP1L
17386	UBAP2
17387	UBAP2L
17388	UBASH3A
17389	UBASH3B
17390	UBB
17391	UBC
17392	UBD
17393	UBE2A
17394	UBE2B
17395	UBE2C
17396	UBE2D1
17397	UBE2D2
17398	UBE2D3
17399	UBE2D4
17400	UBE2E1
17401	UBE2E2
17402	UBE2E3
17403	UBE2F
17404	UBE2G1
17405	UBE2G2
17406	UBE2H
17407	UBE2I
17408	UBE2J1
17409	UBE2J2
17410	UBE2K
17411	UBE2L3
17412	UBE2L6
17413	UBE2M
17414	UBE2N
17415	UBE2NL

17416	UBE2O
17417	UBE2Q1
17418	UBE2Q2
17419	UBE2QL1
17420	UBE2R2
17421	UBE2S
17422	UBE2T
17423	UBE2U
17424	UBE2V1
17425	UBE2V2
17426	UBE2W
17427	UBE2Z
17428	UBE3A
17429	UBE3B
17430	UBE3C
17431	UBE3D
17432	UBE4A
17433	UBE4B
17434	UBFD1
17435	UBIAD1
17436	UBL3
17437	UBL4A
17438	UBL4B
17439	UBL5
17440	UBL7
17441	UBLCP1
17442	UBN1
17443	UBN2
17444	UBOX5
17445	UBP1
17446	UBQLN1
17447	UBQLN2
17448	UBQLN3
17449	UBQLN4
17450	UBQLNL
17451	UBR1
17452	UBR2
17453	UBR3
17454	UBR4
17455	UBR5
17456	UBR7
17457	UBTD1
17458	UBTD2

17459	UBTF
17460	UBTFL1
17461	UBXN1
17462	UBXN10
17463	UBXN11
17464	UBXN2A
17465	UBXN2B
17466	UBXN4
17467	UBXN6
17468	UBXN7
17469	UBXN8
17470	UCHL1
17471	UCHL3
17472	UCHL5
17473	UCK1
17474	UCK2
17475	UCKL1
17476	UCMA
17477	UCN
17478	UCN2
17479	UCN3
17480	UCP1
17481	UCP2
17482	UCP3
17483	UEVLD
17484	UFC1
17485	UFD1
17486	UFL1
17487	UFM1
17488	UFSP1
17489	UFSP2
17490	UGCG
17491	UGDH
17492	UGGT1
17493	UGGT2
17494	UGP2
17495	UGT1A1
17496	UGT1A10
17497	UGT1A3
17498	UGT1A6
17499	UGT1A7
17500	UGT1A8
17501	UGT1A9

17502	UGT2A1
17503	UGT2A2
17504	UGT2A3
17505	UGT2B10
17506	UGT2B11
17507	UGT2B15
17508	UGT2B17
17509	UGT2B4
17510	UGT2B7
17511	UGT3A1
17512	UGT3A2
17513	UGT8
17514	UHMK1
17515	UHRF1
17516	UHRF2
17517	UIMC1
17518	ULBP1
17519	ULBP2
17520	ULBP3
17521	ULK1
17522	ULK2
17523	ULK3
17524	ULK4
17525	UMAD1
17526	UMOD
17527	UMODL1
17528	UMPS
17529	UNC119
17530	UNC119B
17531	UNC13A
17532	UNC13B
17533	UNC13C
17534	UNC13D
17535	UNC45A
17536	UNC45B
17537	UNC50
17538	UNC5A
17539	UNC5B
17540	UNC5C
17541	UNC5CL
17542	UNC5D
17543	UNC79
17544	UNC80

17545	UNC93A
17546	UNC93B1
17547	UNCX
17548	UNG
17549	UNK
17550	UNKL
17551	UPB1
17552	UPF1
17553	UPF2
17554	UPF3A
17555	UPF3B
17556	UPK1A
17557	UPK1B
17558	UPK2
17559	UPK3A
17560	UPK3B
17561	UPK3BL1
17562	UPK3BL2
17563	UPP1
17564	UPP2
17565	UPRT
17566	UQCC1
17567	UQCC2
17568	UQCC3
17569	UQCC4
17570	UQCC5
17571	UQCC6
17572	UQCR10
17573	UQCR11
17574	UQCRB
17575	UQCRC1
17576	UQCRC2
17577	UQCRFS1
17578	UQCRH
17579	UQCRQ
17580	URAD
17581	URB1
17582	URB2
17583	URGCP
17584	URI1
17585	URM1
17586	UROC1
17587	UROD

17588	UROS
17589	USB1
17590	USE1
17591	USF1
17592	USF2
17593	USF3
17594	USH1C
17595	USH1G
17596	USH2A
17597	USHBP1
17598	USO1
17599	USP1
17600	USP10
17601	USP11
17602	USP12
17603	USP13
17604	USP14
17605	USP15
17606	USP16
17607	USP17L10
17608	USP17L13
17609	USP17L15
17610	USP17L17
17611	USP17L18
17612	USP17L19
17613	USP17L21
17614	USP17L22
17615	USP17L3
17616	USP17L30
17617	USP17L4
17618	USP17L7
17619	USP18
17620	USP19
17621	USP2
17622	USP20
17623	USP21
17624	USP22
17625	USP24
17626	USP25
17627	USP26
17628	USP27X
17629	USP28
17630	USP29

17631	USP3
17632	USP30
17633	USP31
17634	USP32
17635	USP33
17636	USP34
17637	USP35
17638	USP36
17639	USP37
17640	USP38
17641	USP39
17642	USP4
17643	USP40
17644	USP42
17645	USP43
17646	USP44
17647	USP45
17648	USP46
17649	USP47
17650	USP48
17651	USP49
17652	USP5
17653	USP50
17654	USP51
17655	USP53
17656	USP54
17657	USP6
17658	USP6NL
17659	USP7
17660	USP8
17661	USP9X
17662	USP9Y
17663	USPL1
17664	UST
17665	UTF1
17666	UTP11
17667	UTP14A
17668	UTP14C
17669	UTP15
17670	UTP18
17671	UTP20
17672	UTP23
17673	UTP25

17674	UTP3
17675	UTP4
17676	UTP6
17677	UTRN
17678	UTS2
17679	UTS2B
17680	UTS2R
17681	UTY
17682	UVRAG
17683	UVSSA
17684	UXS1
17685	UXT
17686	VAC14
17687	VAMP1
17688	VAMP2
17689	VAMP3
17690	VAMP4
17691	VAMP5
17692	VAMP7
17693	VAMP8
17694	VANGL1
17695	VANGL2
17696	VAPA
17697	VAPB
17698	VARs1
17699	VARs2
17700	VASH1
17701	VASH2
17702	VASN
17703	VASP
17704	VAT1
17705	VAT1L
17706	VAV1
17707	VAV2
17708	VAV3
17709	VAX1
17710	VAX2
17711	VBP1
17712	VCAM1
17713	VCAN
17714	VCF1
17715	VCF2
17716	VCL

17717	VCP
17718	VCPIP1
17719	VCPKMT
17720	VCX
17721	VCX3A
17722	VCX3B
17723	VCY
17724	VCY1B
17725	VDAC1
17726	VDAC2
17727	VDAC3
17728	VDR
17729	VEGFA
17730	VEGFB
17731	VEGFC
17732	VEGFD
17733	VENTX
17734	VEPH1
17735	VEZF1
17736	VEZT
17737	VGf
17738	VGLL1
17739	VGLL2
17740	VGLL3
17741	VGLL4
17742	VHL
17743	VHLL
17744	VIL1
17745	VILL
17746	VIM
17747	VIP
17748	VIPAS39
17749	VIPR1
17750	VIPR2
17751	VIRMA
17752	VIT
17753	VKORC1
17754	VKORC1L1
17755	VLDLR
17756	VMA21
17757	VMAC
17758	VMO1
17759	VMP1

17760	VN1R1
17761	VN1R2
17762	VN1R3
17763	VN1R4
17764	VN1R5
17765	VNN1
17766	VNN2
17767	VOPP1
17768	VPREB1
17769	VPREB3
17770	VPS11
17771	VPS13A
17772	VPS13B
17773	VPS13C
17774	VPS13D
17775	VPS16
17776	VPS18
17777	VPS25
17778	VPS26A
17779	VPS26B
17780	VPS26C
17781	VPS28
17782	VPS29
17783	VPS33A
17784	VPS33B
17785	VPS35
17786	VPS35L
17787	VPS36
17788	VPS37A
17789	VPS37B
17790	VPS37C
17791	VPS37D
17792	VPS39
17793	VPS41
17794	VPS45
17795	VPS4A
17796	VPS4B
17797	VPS50
17798	VPS51
17799	VPS52
17800	VPS53
17801	VPS54
17802	VPS72

17803	VPS8
17804	VPS9D1
17805	VRK1
17806	VRK2
17807	VRK3
17808	VRTN
17809	VSIG1
17810	VSIG10
17811	VSIG10L
17812	VSIG10L2
17813	VSIG2
17814	VSIG4
17815	VSIG8
17816	VSIR
17817	VSNL1
17818	VSTM1
17819	VSTM2A
17820	VSTM2B
17821	VSTM2L
17822	VSTM4
17823	VSTM5
17824	VSX1
17825	VSX2
17826	VTA1
17827	VTCN1
17828	VTI1A
17829	VTI1B
17830	VTN
17831	VWA1
17832	VWA2
17833	VWA3A
17834	VWA3B
17835	VWA5A
17836	VWA5B1
17837	VWA5B2
17838	VWA7
17839	VWA8
17840	VWC2
17841	VWC2L
17842	VWCE
17843	VWDE
17844	VWF
17845	VXN

17846	WAC
17847	WAPL
17848	WARS1
17849	WARS2
17850	WAS
17851	WASF1
17852	WASF2
17853	WASF3
17854	WASHC1
17855	WASHC2A
17856	WASHC2C
17857	WASHC3
17858	WASHC4
17859	WASHC5
17860	WASL
17861	WBP1
17862	WBP11
17863	WBP1L
17864	WBP2
17865	WBP2NL
17866	WBP4
17867	WDCP
17868	WDFY1
17869	WDFY2
17870	WDFY3
17871	WDFY4
17872	WDHD1
17873	WDPCP
17874	WDR1
17875	WDR11
17876	WDR12
17877	WDR13
17878	WDR17
17879	WDR18
17880	WDR19
17881	WDR20
17882	WDR24
17883	WDR25
17884	WDR26
17885	WDR27
17886	WDR3
17887	WDR31
17888	WDR33

17889	WDR35
17890	WDR36
17891	WDR37
17892	WDR38
17893	WDR4
17894	WDR41
17895	WDR43
17896	WDR44
17897	WDR45
17898	WDR45B
17899	WDR46
17900	WDR47
17901	WDR48
17902	WDR49
17903	WDR5
17904	WDR53
17905	WDR54
17906	WDR55
17907	WDR59
17908	WDR5B
17909	WDR6
17910	WDR62
17911	WDR64
17912	WDR7
17913	WDR70
17914	WDR72
17915	WDR73
17916	WDR74
17917	WDR75
17918	WDR76
17919	WDR77
17920	WDR81
17921	WDR82
17922	WDR83
17923	WDR83OS
17924	WDR86
17925	WDR87
17926	WDR88
17927	WDR89
17928	WDR90
17929	WDR91
17930	WDR93
17931	WDR97

17932	WDSUB1
17933	WDTC1
17934	WEE1
17935	WEE2
17936	WFDC1
17937	WFDC10A
17938	WFDC10B
17939	WFDC11
17940	WFDC12
17941	WFDC13
17942	WFDC2
17943	WFDC3
17944	WFDC5
17945	WFDC6
17946	WFDC8
17947	WFDC9
17948	WFIKKN1
17949	WFIKKN2
17950	WFS1
17951	WHAMM
17952	WHRN
17953	WIF1
17954	WIPF1
17955	WIPF2
17956	WIPF3
17957	WIP1
17958	WIP2
17959	WIZ
17960	WLS
17961	WNK1
17962	WNK2
17963	WNK3
17964	WNK4
17965	WNT1
17966	WNT10A
17967	WNT10B
17968	WNT11
17969	WNT16
17970	WNT2
17971	WNT2B
17972	WNT3
17973	WNT3A
17974	WNT4

17975	WNT5A
17976	WNT5B
17977	WNT6
17978	WNT7A
17979	WNT7B
17980	WNT8A
17981	WNT8B
17982	WNT9A
17983	WNT9B
17984	WRAP53
17985	WRAP73
17986	WRN
17987	WRNIP1
17988	WSB1
17989	WSB2
17990	WSCD1
17991	WSCD2
17992	WT1
17993	WTAP
17994	WTIP
17995	WWC1
17996	WWC2
17997	WWC3
17998	WWOX
17999	WWP1
18000	WWP2
18001	WWTR1
18002	XAB2
18003	XAF1
18004	XAGE1A
18005	XAGE1B
18006	XAGE2
18007	XAGE3
18008	XAGE5
18009	XBP1
18010	XCL1
18011	XCL2
18012	XCR1
18013	XDH
18014	XG
18015	XIAP
18016	XIRP1
18017	XIRP2

18018	XK
18019	XKR3
18020	XKR4
18021	XKR5
18022	XKR6
18023	XKR7
18024	XKR8
18025	XKR9
18026	XKRX
18027	XNDC1N
18028	XPA
18029	XPC
18030	XPNPEP1
18031	XPNPEP2
18032	XPNPEP3
18033	XPO1
18034	XPO4
18035	XPO5
18036	XPO6
18037	XPO7
18038	XPOT
18039	XPR1
18040	XRCC1
18041	XRCC2
18042	XRCC3
18043	XRCC4
18044	XRCC5
18045	XRCC6
18046	XRN1
18047	XRN2
18048	XRRA1
18049	XXYLT1
18050	XYLB
18051	XYLT1
18052	XYLT2
18053	YAE1
18054	YAF2
18055	YAP1
18056	YARS1
18057	YARS2
18058	YBEY
18059	YBX1
18060	YBX2

18061	YBX3
18062	YDJC
18063	YEATS2
18064	YEATS4
18065	YES1
18066	YIF1A
18067	YIF1B
18068	YIPF1
18069	YIPF2
18070	YIPF3
18071	YIPF4
18072	YIPF5
18073	YIPF6
18074	YIPF7
18075	YJEFN3
18076	YJU2
18077	YJU2B
18078	YKT6
18079	YLPM1
18080	YME1L1
18081	YOD1
18082	YPEL1
18083	YPEL2
18084	YPEL3
18085	YPEL4
18086	YPEL5
18087	YRDC
18088	YTHDC1
18089	YTHDC2
18090	YTHDF1
18091	YTHDF2
18092	YTHDF3
18093	YWHAB
18094	YWHAE
18095	YWHAG
18096	YWHAH
18097	YWHAQ
18098	YWHAZ
18099	YY1
18100	YY1AP1
18101	YY2
18102	ZACN
18103	ZAN

18104	ZAP70
18105	ZAR1
18106	ZAR1L
18107	ZBBX
18108	ZBED1
18109	ZBED2
18110	ZBED3
18111	ZBED4
18112	ZBED5
18113	ZBED6
18114	ZBP1
18115	ZBTB1
18116	ZBTB10
18117	ZBTB11
18118	ZBTB12
18119	ZBTB14
18120	ZBTB16
18121	ZBTB17
18122	ZBTB18
18123	ZBTB2
18124	ZBTB20
18125	ZBTB21
18126	ZBTB22
18127	ZBTB24
18128	ZBTB25
18129	ZBTB26
18130	ZBTB3
18131	ZBTB32
18132	ZBTB33
18133	ZBTB34
18134	ZBTB37
18135	ZBTB38
18136	ZBTB39
18137	ZBTB4
18138	ZBTB40
18139	ZBTB41
18140	ZBTB42
18141	ZBTB43
18142	ZBTB44
18143	ZBTB45
18144	ZBTB46
18145	ZBTB47
18146	ZBTB48

18147	ZBTB49
18148	ZBTB5
18149	ZBTB6
18150	ZBTB7A
18151	ZBTB7B
18152	ZBTB7C
18153	ZBTB8A
18154	ZBTB8B
18155	ZBTB8OS
18156	ZBTB9
18157	ZC2HC1A
18158	ZC2HC1B
18159	ZC2HC1C
18160	ZC3H10
18161	ZC3H11A
18162	ZC3H11B
18163	ZC3H11C
18164	ZC3H12A
18165	ZC3H12B
18166	ZC3H12C
18167	ZC3H12D
18168	ZC3H13
18169	ZC3H14
18170	ZC3H15
18171	ZC3H18
18172	ZC3H3
18173	ZC3H4
18174	ZC3H6
18175	ZC3H7A
18176	ZC3H7B
18177	ZC3H8
18178	ZC3HAV1
18179	ZC3HAV1L
18180	ZC3HC1
18181	ZC4H2
18182	ZCCHC10
18183	ZCCHC12
18184	ZCCHC13
18185	ZCCHC14
18186	ZCCHC17
18187	ZCCHC18
18188	ZCCHC2
18189	ZCCHC24

18190	ZCCHC3
18191	ZCCHC4
18192	ZCCHC7
18193	ZCCHC8
18194	ZCCHC9
18195	ZCRB1
18196	ZCWPW1
18197	ZCWPW2
18198	ZDBF2
18199	ZDHH1C1
18200	ZDHH1C11
18201	ZDHH1C11B
18202	ZDHH1C12
18203	ZDHH1C13
18204	ZDHH1C14
18205	ZDHH1C15
18206	ZDHH1C16
18207	ZDHH1C17
18208	ZDHH1C18
18209	ZDHH1C19
18210	ZDHH1C2
18211	ZDHH1C20
18212	ZDHH1C21
18213	ZDHH1C22
18214	ZDHH1C23
18215	ZDHH1C24
18216	ZDHH1C3
18217	ZDHH1C4
18218	ZDHH1C5
18219	ZDHH1C6
18220	ZDHH1C7
18221	ZDHH1C8
18222	ZDHH1C9
18223	ZEB1
18224	ZEB2
18225	ZER1
18226	ZFAND1
18227	ZFAND2A
18228	ZFAND2B
18229	ZFAND3
18230	ZFAND4
18231	ZFAND5
18232	ZFAND6

18233	ZFAT
18234	ZFC3H1
18235	ZFHX2
18236	ZFHX3
18237	ZFHX4
18238	ZFP1
18239	ZFP14
18240	ZFP28
18241	ZFP3
18242	ZFP30
18243	ZFP36
18244	ZFP36L1
18245	ZFP36L2
18246	ZFP37
18247	ZFP41
18248	ZFP42
18249	ZFP57
18250	ZFP62
18251	ZFP64
18252	ZFP69
18253	ZFP69B
18254	ZFP82
18255	ZFP90
18256	ZFP91
18257	ZFP92
18258	ZFPL1
18259	ZFPM1
18260	ZFPM2
18261	ZFR
18262	ZFTA
18263	ZFTRAF1
18264	ZFX
18265	ZFY
18266	ZFYVE1
18267	ZFYVE16
18268	ZFYVE19
18269	ZFYVE21
18270	ZFYVE26
18271	ZFYVE27
18272	ZFYVE28
18273	ZFYVE9
18274	ZG16
18275	ZG16B

18276	ZGLP1
18277	ZGPAT
18278	ZGRF1
18279	ZHX1
18280	ZHX2
18281	ZHX3
18282	ZIC1
18283	ZIC2
18284	ZIC3
18285	ZIC4
18286	ZIC5
18287	ZIK1
18288	ZIM2
18289	ZIM3
18290	ZKSCAN1
18291	ZKSCAN2
18292	ZKSCAN3
18293	ZKSCAN4
18294	ZKSCAN5
18295	ZKSCAN7
18296	ZKSCAN8
18297	ZMAT1
18298	ZMAT2
18299	ZMAT3
18300	ZMAT4
18301	ZMAT5
18302	ZMIZ1
18303	ZMIZ2
18304	ZMPSTE24
18305	ZMYM1
18306	ZMYM2
18307	ZMYM3
18308	ZMYM4
18309	ZMYM5
18310	ZMYM6
18311	ZMYND10
18312	ZMYND11
18313	ZMYND12
18314	ZMYND15
18315	ZMYND19
18316	ZMYND8
18317	ZNF10
18318	ZNF100

18319	ZNF101
18320	ZNF106
18321	ZNF107
18322	ZNF112
18323	ZNF114
18324	ZNF117
18325	ZNF12
18326	ZNF121
18327	ZNF124
18328	ZNF131
18329	ZNF132
18330	ZNF133
18331	ZNF134
18332	ZNF135
18333	ZNF136
18334	ZNF138
18335	ZNF14
18336	ZNF140
18337	ZNF141
18338	ZNF142
18339	ZNF143
18340	ZNF146
18341	ZNF148
18342	ZNF154
18343	ZNF155
18344	ZNF157
18345	ZNF16
18346	ZNF160
18347	ZNF165
18348	ZNF169
18349	ZNF17
18350	ZNF174
18351	ZNF175
18352	ZNF177
18353	ZNF18
18354	ZNF180
18355	ZNF181
18356	ZNF182
18357	ZNF184
18358	ZNF185
18359	ZNF189
18360	ZNF19
18361	ZNF195

18362	ZNF197
18363	ZNF2
18364	ZNF20
18365	ZNF200
18366	ZNF202
18367	ZNF205
18368	ZNF207
18369	ZNF211
18370	ZNF212
18371	ZNF213
18372	ZNF214
18373	ZNF215
18374	ZNF217
18375	ZNF219
18376	ZNF22
18377	ZNF221
18378	ZNF222
18379	ZNF223
18380	ZNF224
18381	ZNF225
18382	ZNF226
18383	ZNF227
18384	ZNF229
18385	ZNF23
18386	ZNF230
18387	ZNF232
18388	ZNF233
18389	ZNF234
18390	ZNF235
18391	ZNF236
18392	ZNF239
18393	ZNF24
18394	ZNF248
18395	ZNF25
18396	ZNF250
18397	ZNF251
18398	ZNF254
18399	ZNF256
18400	ZNF257
18401	ZNF26
18402	ZNF260
18403	ZNF263
18404	ZNF264

18405	ZNF266
18406	ZNF267
18407	ZNF268
18408	ZNF273
18409	ZNF274
18410	ZNF275
18411	ZNF276
18412	ZNF277
18413	ZNF28
18414	ZNF280A
18415	ZNF280B
18416	ZNF280C
18417	ZNF280D
18418	ZNF281
18419	ZNF282
18420	ZNF283
18421	ZNF284
18422	ZNF285
18423	ZNF286A
18424	ZNF287
18425	ZNF292
18426	ZNF296
18427	ZNF3
18428	ZNF30
18429	ZNF300
18430	ZNF302
18431	ZNF304
18432	ZNF311
18433	ZNF316
18434	ZNF317
18435	ZNF318
18436	ZNF319
18437	ZNF32
18438	ZNF320
18439	ZNF322
18440	ZNF324
18441	ZNF324B
18442	ZNF326
18443	ZNF329
18444	ZNF330
18445	ZNF331
18446	ZNF333
18447	ZNF334

18448	ZNF335
18449	ZNF337
18450	ZNF33A
18451	ZNF33B
18452	ZNF34
18453	ZNF341
18454	ZNF343
18455	ZNF345
18456	ZNF346
18457	ZNF347
18458	ZNF35
18459	ZNF350
18460	ZNF354B
18461	ZNF354C
18462	ZNF358
18463	ZNF362
18464	ZNF365
18465	ZNF366
18466	ZNF367
18467	ZNF37A
18468	ZNF382
18469	ZNF383
18470	ZNF384
18471	ZNF385A
18472	ZNF385B
18473	ZNF385C
18474	ZNF385D
18475	ZNF391
18476	ZNF394
18477	ZNF395
18478	ZNF396
18479	ZNF397
18480	ZNF398
18481	ZNF404
18482	ZNF407
18483	ZNF408
18484	ZNF41
18485	ZNF410
18486	ZNF414
18487	ZNF415
18488	ZNF416
18489	ZNF417
18490	ZNF418

18491	ZNF419
18492	ZNF420
18493	ZNF423
18494	ZNF425
18495	ZNF426
18496	ZNF428
18497	ZNF431
18498	ZNF432
18499	ZNF433
18500	ZNF436
18501	ZNF438
18502	ZNF439
18503	ZNF44
18504	ZNF440
18505	ZNF441
18506	ZNF442
18507	ZNF443
18508	ZNF444
18509	ZNF445
18510	ZNF446
18511	ZNF449
18512	ZNF45
18513	ZNF451
18514	ZNF454
18515	ZNF460
18516	ZNF461
18517	ZNF462
18518	ZNF467
18519	ZNF468
18520	ZNF469
18521	ZNF470
18522	ZNF471
18523	ZNF473
18524	ZNF474
18525	ZNF475
18526	ZNF479
18527	ZNF48
18528	ZNF480
18529	ZNF483
18530	ZNF484
18531	ZNF485
18532	ZNF486
18533	ZNF487

18534	ZNF488
18535	ZNF490
18536	ZNF491
18537	ZNF492
18538	ZNF496
18539	ZNF497
18540	ZNF500
18541	ZNF501
18542	ZNF502
18543	ZNF503
18544	ZNF506
18545	ZNF507
18546	ZNF510
18547	ZNF511
18548	ZNF512
18549	ZNF512B
18550	ZNF513
18551	ZNF514
18552	ZNF516
18553	ZNF517
18554	ZNF518A
18555	ZNF518B
18556	ZNF519
18557	ZNF521
18558	ZNF524
18559	ZNF525
18560	ZNF526
18561	ZNF527
18562	ZNF528
18563	ZNF529
18564	ZNF530
18565	ZNF532
18566	ZNF534
18567	ZNF536
18568	ZNF540
18569	ZNF541
18570	ZNF543
18571	ZNF544
18572	ZNF546
18573	ZNF547
18574	ZNF548
18575	ZNF549
18576	ZNF550

18577	ZNF551
18578	ZNF552
18579	ZNF554
18580	ZNF555
18581	ZNF556
18582	ZNF557
18583	ZNF558
18584	ZNF559
18585	ZNF560
18586	ZNF561
18587	ZNF562
18588	ZNF563
18589	ZNF564
18590	ZNF565
18591	ZNF566
18592	ZNF567
18593	ZNF568
18594	ZNF569
18595	ZNF57
18596	ZNF570
18597	ZNF572
18598	ZNF573
18599	ZNF574
18600	ZNF575
18601	ZNF576
18602	ZNF577
18603	ZNF578
18604	ZNF579
18605	ZNF580
18606	ZNF581
18607	ZNF582
18608	ZNF583
18609	ZNF584
18610	ZNF585A
18611	ZNF585B
18612	ZNF586
18613	ZNF587B
18614	ZNF589
18615	ZNF592
18616	ZNF593
18617	ZNF593OS
18618	ZNF594
18619	ZNF595

18620	ZNF596
18621	ZNF597
18622	ZNF598
18623	ZNF599
18624	ZNF600
18625	ZNF605
18626	ZNF606
18627	ZNF607
18628	ZNF608
18629	ZNF609
18630	ZNF610
18631	ZNF611
18632	ZNF613
18633	ZNF614
18634	ZNF615
18635	ZNF616
18636	ZNF618
18637	ZNF619
18638	ZNF620
18639	ZNF621
18640	ZNF622
18641	ZNF623
18642	ZNF624
18643	ZNF625
18644	ZNF626
18645	ZNF627
18646	ZNF628
18647	ZNF629
18648	ZNF630
18649	ZNF638
18650	ZNF639
18651	ZNF641
18652	ZNF644
18653	ZNF646
18654	ZNF648
18655	ZNF649
18656	ZNF652
18657	ZNF653
18658	ZNF654
18659	ZNF655
18660	ZNF658
18661	ZNF66
18662	ZNF660

18663	ZNF662
18664	ZNF664
18665	ZNF665
18666	ZNF667
18667	ZNF668
18668	ZNF669
18669	ZNF670
18670	ZNF671
18671	ZNF672
18672	ZNF674
18673	ZNF675
18674	ZNF677
18675	ZNF678
18676	ZNF679
18677	ZNF681
18678	ZNF682
18679	ZNF683
18680	ZNF684
18681	ZNF687
18682	ZNF688
18683	ZNF689
18684	ZNF69
18685	ZNF691
18686	ZNF692
18687	ZNF695
18688	ZNF696
18689	ZNF697
18690	ZNF699
18691	ZNF7
18692	ZNF70
18693	ZNF700
18694	ZNF701
18695	ZNF703
18696	ZNF704
18697	ZNF705A
18698	ZNF705B
18699	ZNF705D
18700	ZNF705G
18701	ZNF706
18702	ZNF707
18703	ZNF708
18704	ZNF709
18705	ZNF71

18706	ZNF710
18707	ZNF711
18708	ZNF713
18709	ZNF716
18710	ZNF717
18711	ZNF718
18712	ZNF721
18713	ZNF723
18714	ZNF727
18715	ZNF729
18716	ZNF732
18717	ZNF735
18718	ZNF736
18719	ZNF738
18720	ZNF74
18721	ZNF740
18722	ZNF746
18723	ZNF747
18724	ZNF749
18725	ZNF750
18726	ZNF75A
18727	ZNF75D
18728	ZNF76
18729	ZNF763
18730	ZNF764
18731	ZNF765
18732	ZNF766
18733	ZNF768
18734	ZNF77
18735	ZNF770
18736	ZNF771
18737	ZNF772
18738	ZNF773
18739	ZNF774
18740	ZNF775
18741	ZNF776
18742	ZNF777
18743	ZNF778
18744	ZNF780A
18745	ZNF780B
18746	ZNF782
18747	ZNF783
18748	ZNF784

18749	ZNF785
18750	ZNF786
18751	ZNF787
18752	ZNF789
18753	ZNF79
18754	ZNF790
18755	ZNF791
18756	ZNF792
18757	ZNF793
18758	ZNF799
18759	ZNF8
18760	ZNF80
18761	ZNF800
18762	ZNF804A
18763	ZNF804B
18764	ZNF805
18765	ZNF808
18766	ZNF81
18767	ZNF813
18768	ZNF814
18769	ZNF816
18770	ZNF821
18771	ZNF823
18772	ZNF827
18773	ZNF829
18774	ZNF83
18775	ZNF830
18776	ZNF831
18777	ZNF835
18778	ZNF836
18779	ZNF837
18780	ZNF839
18781	ZNF84
18782	ZNF841
18783	ZNF843
18784	ZNF844
18785	ZNF845
18786	ZNF846
18787	ZNF85
18788	ZNF850
18789	ZNF852
18790	ZNF853
18791	ZNF860

18792	ZNF862
18793	ZNF865
18794	ZNF875
18795	ZNF879
18796	ZNF880
18797	ZNF883
18798	ZNF888
18799	ZNF891
18800	ZNF892
18801	ZNF92
18802	ZNF93
18803	ZNF98
18804	ZNFX1
18805	ZNG1A
18806	ZNG1B
18807	ZNG1C
18808	ZNG1F
18809	ZNHIT1
18810	ZNHIT2
18811	ZNHIT3
18812	ZNHIT6
18813	ZNRD2
18814	ZNRF1
18815	ZNRF2
18816	ZNRF3
18817	ZNRF4
18818	ZP1
18819	ZP2
18820	ZP3
18821	ZP4
18822	ZPBP
18823	ZPBP2
18824	ZPLD1
18825	ZPR1
18826	ZRANB1
18827	ZRANB2
18828	ZRANB3
18829	ZRSR2
18830	ZSCAN1
18831	ZSCAN10
18832	ZSCAN12
18833	ZSCAN16
18834	ZSCAN18

18835	ZSCAN2
18836	ZSCAN20
18837	ZSCAN21
18838	ZSCAN22
18839	ZSCAN23
18840	ZSCAN25
18841	ZSCAN26
18842	ZSCAN29
18843	ZSCAN30
18844	ZSCAN31
18845	ZSCAN32
18846	ZSCAN4
18847	ZSCAN5A
18848	ZSCAN5B
18849	ZSCAN5C
18850	ZSCAN9
18851	ZSWIM1
18852	ZSWIM2
18853	ZSWIM3
18854	ZSWIM4
18855	ZSWIM5
18856	ZSWIM6
18857	ZSWIM7
18858	ZSWIM8
18859	ZSWIM9
18860	ZUP1
18861	ZW10
18862	ZWILCH
18863	ZWINT
18864	ZXDA
18865	ZXDB
18866	ZXDC
18867	ZYG11A
18868	ZYG11B
18869	ZYX
18870	ZZEF1
18871	ZZZ3