



Genes expressed by [CA2 Pyramidal cells](#)

Positive	
1	2900006K08Rik
2	9630005C17Rik
3	9930021D14Rik
4	Aco2
5	Adcy9
6	Alas1
7	Arhgef3
8	Arpc4
9	Arpc5
10	Comm1
11	D4Bwg0951e
12	E030042O20Rik
13	Egfem1
14	Enox1
15	F630015J07Rik*
16	Ksr1
17	Mal
18	Med29
19	Mmp28
20	Mrps24
21	Nfasc
22	Olig1
23	Opalin
24	Pfn1
25	Pold2
26	Prkab2
27	Pygo1
28	Rchy1
29	Sh3rf1
30	Spn
31	St13
32	Thsd4
33	Tmem88b
34	Wasl
35	Zfp277
36	Zfp616



Genes not expressed by [CA2 Pyramidal cells](#)

Negative	
1	42430
2	42619
3	0610009L18Rik
4	1110008E08Rik
5	1110020C17Rik
6	1110034A24Rik
7	1200016B10Rik
8	1300002K09Rik
9	1600014C23Rik
10	1700008F21Rik
11	1700009J07Rik

12	1700011A15Rik
13	1700011F03Rik
14	1700014N06Rik
15	1700015F17Rik
16	1700016C15Rik
17	1700018A04Rik
18	1700020L24Rik
19	1700021F07Rik
20	1700024P04Rik
21	1700026J04Rik
22	1700026J12Rik
23	1700028J19Rik
24	1700028K03Rik
25	1700029F12Rik
26	1700031A10Rik
27	1700034J05Rik
28	1700034Q15Rik
29	1700041G16Rik
30	1700049G17Rik
31	1700052N19Rik
32	1700055N04Rik
33	1700060C20Rik
34	1700063K16Rik
35	1700066B19Rik
36	1700066J24Rik
37	1700067K01Rik
38	1700086L19Rik
39	1700106J16Rik
40	1700111E14Rik
41	1700113H08Rik
42	1700123M08Rik
43	1700128E19Rik
44	1810018F18Rik
45	1810019J16Rik
46	1810033B17Rik
47	1810043H04Rik
48	1810062G17Rik
49	1810065E05Rik
50	2010001M09Rik
51	2010317E24Rik
52	2310005E17Rik
53	2310005G13Rik
54	2310047D07Rik
55	2310057J18Rik
56	2310069G16Rik
57	2410018M08Rik
58	2610027L16Rik
59	2610206C17Rik
60	2610507I01Rik
61	2610528J11Rik
62	2810043G22Rik
63	2810043Q03Rik
64	2810055F11Rik
65	2810417H13Rik
66	2810442I21Rik
67	2900060B14Rik
68	3010033K07Rik

69	3110003A17Rik
70	3110021N24Rik
71	3110040M04Rik
72	3426406K10Rik*
73	4632419I22Rik
74	4732465J04Rik
75	4732479B03Rik*
76	4833423E24Rik
77	4833444G19Rik
78	4833447P13Rik
79	4921504E06Rik
80	4921509C19Rik
81	4921511H03Rik
82	4921513H07Rik
83	4921517D22Rik
84	4930403N07Rik
85	4930426L09Rik
86	4930430F08Rik
87	4930430Q22Rik
88	4930432M17Rik
89	4930442G15Rik
90	4930447A16Rik
91	4930448F12Rik
92	4930449A18Rik
93	4930451E10Rik
94	4930463O16Rik
95	4930466O16Rik*
96	4930470P17Rik
97	4930479M11Rik
98	4930483J18Rik
99	4930486L24Rik
100	4930505H01Rik
101	4930517O19Rik
102	4930522N08Rik
103	4930524B15Rik
104	4930533L02Rik
105	4930535E06Rik*
106	4930546C10Rik
107	4930557A04Rik
108	4930564D02Rik
109	4930566N20Rik
110	4930568D16Rik
111	4930568M16Rik*
112	4930569F06Rik
113	4930570N19Rik*
114	4930578I07Rik
115	4930588J15Rik
116	4930597L12Rik
117	4930597O21Rik
118	4931419H13Rik
119	4931428L18Rik
120	4931429P17Rik
121	4932431P20Rik
122	4933400A11Rik
123	4933405O20Rik
124	4933407E24Rik
125	4933411O13Rik

126	4933415F23Rik
127	4933426D04Rik
128	4933430I17Rik
129	4933430N04Rik
130	4933434C23Rik
131	5033430I15Rik
132	5430402E10Rik
133	5430411C19Rik
134	5730420D15Rik
135	5730455O13Rik
136	5730588L14Rik
137	6030445D17Rik
138	6330545A04Rik
139	6430500J09Rik*
140	8030474K03Rik
141	8430408G22Rik
142	8430417E04Rik*
143	9030418K01Rik
144	9130015A21Rik
145	9130022E12Rik*
146	9230109C12Rik*
147	9230119M08Rik*
148	9330182L06Rik
149	9430076C15Rik
150	9530020I12Rik
151	A130023E24Rik
152	A1cf
153	A230052G05Rik
154	A230072I06Rik
155	A3galt2
156	A430078G23Rik
157	A530030B07Rik*
158	A630073D07Rik
159	A730020M07Rik
160	A730024G14Rik*
161	A730089K16Rik
162	A830007P12Rik
163	A830023I12Rik
164	A930003A15Rik
165	A930025A13Rik
166	A930031F24Rik*
167	AA066038
168	AA792892
169	Abca15
170	Abcb4
171	Abi3bp
172	Abp1
173	Abpz
174	Acap1
175	Accs
176	Ace3
177	Acer1
178	Acer3
179	Acsm1
180	Adam25
181	Adam26a
182	Adam33

183	Adam6a
184	Adamts13
185	Adamts19
186	Adcy7
187	Adcyap1
188	Adora2a
189	AF067063
190	AF119384
191	AF366264
192	Afp1l2
193	Agmat
194	Agrp
195	Agt
196	Agtr1b
197	Ahsp
198	Al450948
199	Al504432
200	Al506816
201	Akap17b
202	Akr1b8
203	Akr1c12
204	Akr1c20
205	Aldh1l2
206	Aldh8a1
207	Alox12e
208	Alpi
209	Amacr
210	Ambp
211	Ampd1
212	Ankdd1b
213	Ankrd1
214	Ankrd36
215	Ankrd5
216	Ano1
217	Ano2
218	Anxa4
219	Aox4
220	Aplf
221	Apoa2
222	Apobec3
223	Apoc4
224	Apoh
225	Apol9a
226	Arhgap42
227	Arl11
228	Arl6ip6
229	Armcx3
230	Arrdc2
231	Arsk
232	Artn
233	Asb10
234	Asb17
235	Asb2
236	Asb4
237	Asf1b
238	Aspm
239	Aste1

240	Asz1
241	Atad2b
242	Ath11
243	Atp2a3
244	Atp2c1
245	Atp6v1c2
246	Atp8b5
247	Atpbd4
248	AU015836
249	Awat2
250	AY512931
251	B020018G13Rik*
252	B130024G19Rik
253	B230312C02Rik
254	B230359F08Rik
255	B230380O10Rik*
256	B3gnt5
257	B530045E10Rik
258	Baiap3
259	Batf3
260	Baz1a
261	BC016579
262	BC027092
263	BC034076
264	BC040756
265	BC049688
266	BC051665
267	BC055004
268	BC067068
269	BC125332
270	Bcdin3d
271	Bco2
272	Bend3
273	Best2
274	Bet1l
275	Bmp8b
276	Bnc2
277	Bpifa3
278	Bpifb9a
279	Brdt
280	Bspry
281	Btbd19
282	C030002J06Rik
283	C130021I20Rik
284	C130036L24Rik
285	C1qtnf6
286	C330018D20Rik
287	C330024D21Rik
288	C330046G03Rik
289	C4bp
290	C530043A13Rik
291	C630028M04Rik
292	C730037M02Rik*
293	C8g
294	Cabyr
295	Cage1
296	Calca

297	Calcb
298	Calcr
299	Calm14
300	Camp
301	Camsap1
302	Cartpt
303	Catsperb
304	Cbln3
305	Cbx2
306	Cby3
307	Ccb1
308	Ccdc111
309	Ccdc129
310	Ccdc144b
311	Ccdc148
312	Ccdc17
313	Ccdc23
314	Ccdc42
315	Ccdc54
316	Ccl1
317	Ccl8
318	Ccnb1
319	Ccnb2
320	Ccno
321	Ccrl2
322	Cd200r1
323	Cd209d
324	Cd300e
325	Cd4
326	Cd44
327	Cdca2
328	Cdh1
329	Cdh16
330	Cdh23
331	Cdhr1
332	Cdk1
333	Cdkn2a
334	Cdr2
335	Ceacam10
336	Ceacam15
337	Cenpo
338	Ces2b
339	Ces2f
340	Ces5a
341	Cetn1
342	Ch25h
343	Chaf1b
344	Chi3l7
345	Chia
346	Chrdl2
347	Chrna3
348	Chrna6
349	Chrb1
350	Chrb3
351	Chst9
352	Cideb
353	Cidec

354	Cilp
355	Clcn5
356	Clcnka
357	Clcnkb
358	Cldn15
359	Cldn17
360	Cldn6
361	Cldn8
362	Clec2f-ps
363	Clec4a1
364	Clec9a
365	Cml2
366	Cndp1
367	Cnksr3
368	Cnpy1
369	Col17a1
370	Col18a1
371	Col1a1
372	Col23a1
373	Cox16
374	Cox7a1
375	Cpa1
376	Cpa6
377	Cpb1
378	Crabp1
379	Crabp2
380	Crip1
381	Crisp1
382	Crisp2
383	Crisp3
384	Crygb
385	Cryge
386	Cryz
387	Csf2rb2
388	Csf3
389	Cst9
390	Ctf1
391	Cthrc1
392	Ctrc
393	Cts7
394	Cul7
395	Cwc15
396	Cxcl3
397	Cyb5rl
398	Cybrd1
399	Cyp26a1
400	Cyp2g1
401	Cyp2t4
402	Cyp2u1
403	Cyp39a1
404	Cyp13
405	Cyp14
406	Cyth4
407	Cytip
408	D030024E09Rik
409	D0H4S114
410	D130047A11Rik*

411	D230038L04Rik*
412	D230040P08Rik*
413	D330041B21Rik
414	D430013K02
415	D530049N12Rik
416	D630023F18Rik
417	D730003I15Rik
418	D730005E14Rik
419	D730006F09Rik*
420	D930028M14Rik
421	Daf2
422	Dapl1
423	Dazap1
424	Dazl
425	Dbh
426	Dbndd1
427	Ddc
428	Def6
429	Defb19
430	Defb41
431	Det1
432	Dfnb59
433	Dio3
434	Dkk1
435	Dlk1
436	Dmp1
437	Dnahc10
438	Dnajc22
439	Dnase2a
440	Doxl2
441	Dpagt1
442	Dppa2
443	Drd1a
444	Drd3
445	Dusp13
446	Dusp15
447	Dusp21
448	E030034C22Rik
449	E130119H09Rik
450	E230015B07Rik
451	E230016K23Rik
452	E330010G22Rik*
453	Ears2
454	Ebf4
455	Ecel1
456	Efcab3
457	Efha1
458	Efhd1
459	Ehhadh
460	Emp3
461	En1
462	Endog
463	Enpep
464	Entpd2
465	Entpd8
466	Eomes
467	Epgn

468	Epha1
469	Ephx3
470	Epo
471	Eras
472	Ercc8
473	Eri1
474	Esr1
475	Esr2
476	Esrrg
477	Esyt1
478	Esyt3
479	Etaa1
480	Exph5
481	Expi
482	F430010L17Rik*
483	F530007B04Rik*
484	F730214C23Rik*
485	F830001D05Rik*
486	F830002L21Rik
487	F830205F14Rik*
488	F930007G17Rik*
489	F930037H19Rik*
490	Fabp1
491	Fabp7
492	Fabp9
493	Faim
494	Fam115c
495	Fam151b
496	Fam161a
497	Fam165b
498	Fam184a
499	Fam194a
500	Fam25c
501	Fam26d
502	Fam45a
503	Fam58b
504	Fam76b
505	Fam83e
506	Fancb
507	Fate1
508	Fbp2
509	Fbxo30
510	Fbxo4
511	Fbxw19
512	Fcamr
513	Fcrl1
514	Fermt3
515	Fezf1
516	Fgb
517	Fgd5
518	Fgf4
519	Fgg
520	Figf
521	Figla
522	Fign
523	Filip1l
524	Fkbp11

525	Fkbp14
526	Flg2
527	Fmo6
528	Fmo9
529	Fndc8
530	Foxo1
531	Ftcd
532	Ftmt
533	Fxyd4
534	Fzd5
535	G530016P13Rik*
536	G630005L12Rik*
537	G630016D24Rik
538	G730001M10Rik*
539	GA_x5J8B7TQSKC-412-5
540	Gabra6
541	Gabre
542	Gabrp
543	Gabrq
544	Gabbr1
545	Gal
546	Galr1
547	Gata4
548	Gbp6
549	Gbp9
550	Gbx2
551	Gch1
552	Gchfr
553	Gck
554	Gcm1
555	Gcnt3
556	Gdf2
557	Gdpc2
558	Gemin6
559	Ggh
560	Ggt1
561	Gh
562	Ghrh
563	Gimap8
564	Gipc2
565	Gla
566	Glb1l2
567	Glipr2
568	Glod5
569	Glp1r
570	Gla1
571	Gla3
572	Gla4
573	Glud1
574	Gm10037
575	Gm10057
576	Gm10499
577	Gm1199
578	Gm1302
579	Gm13749
580	Gm14492
581	Gm1564

582	Gm1571
583	Gm16223
584	Gm1630
585	Gm16897
586	Gm1715
587	Gm1724
588	Gm1747
589	Gm177
590	Gm17745
591	Gm17749
592	Gm1966
593	Gm1968
594	Gm280
595	Gm324
596	Gm333
597	Gm364
598	Gm378
599	Gm381
600	Gm41
601	Gm442
602	Gm4774
603	Gm4801
604	Gm4952
605	Gm4955
606	Gm4956
607	Gm497
608	Gm5108
609	Gm5127
610	Gm5247
611	Gm5368
612	Gm5401
613	Gm5431
614	Gm5494
615	Gm5532
616	Gm5533
617	Gm5547
618	Gm5585
619	Gm590
620	Gm609
621	Gm6658
622	Gm666
623	Gm6792
624	Gm7467
625	Gm799
626	Gm810
627	Gm8656
628	Gm884
629	Gm885
630	Gm890
631	Gm896
632	Gm933
633	Gm9758
634	Gm9805
635	Gm9991
636	Gmcl1l
637	Gmds
638	Gna15

639	Gnat3
640	Gng13
641	Gng4
642	Gnmt
643	Gnrhr
644	Golga4
645	Gp2
646	Gp9
647	Gpatch4
648	Gpha2
649	Gpr101
650	Gpr114
651	Gpr139
652	Gpr141
653	Gpr151
654	Gpr174
655	Gpr35
656	Gpr6
657	Gpr65
658	Gpr87
659	Gpr88
660	Gprin3
661	Gpsm1
662	Gpx3
663	Grb10
664	Grid2ip
665	Grifin
666	Grin3b
667	Grk1
668	Gsdma
669	Gsta3
670	Gstk1
671	Gstt1
672	Gulo
673	Gvin1
674	Gzmk
675	H19
676	H2-M10.1
677	H2-M3
678	H2-Oa
679	H28
680	Has1
681	Has2
682	Haus4
683	Haus7
684	Hc
685	Hcn3
686	Hctr2
687	Hdhd1a
688	Hdx
689	Heatr5a
690	Heatr6
691	Hexdc
692	Hhat
693	Hhip
694	Hormad2
695	Hoxa6

696	Hoxb6
697	Hoxd10
698	Hsd11b2
699	Hsd17b2
700	Hsd3b2
701	Hsh2d
702	Hspa1a
703	Hspb1
704	Hspb2
705	Hspb3
706	Hspb6
707	Htr1d
708	Htr7
709	Hus1b
710	Hydin
711	I830077.J02Rik
712	I920196L20Rik*
713	Ifi202b
714	Ifi30
715	Ifi47
716	Ifit1
717	Ifitd1
718	Ifnb1
719	Ifnk
720	Ifnz
721	Igbp1
722	Igfbp1
723	Ighe
724	Ighg3
725	Igkv19-93
726	Igkv5-37
727	Igkv5-39
728	Igsf5
729	Igsf9
730	Il15
731	Il17f
732	Il17ra
733	Il17rb
734	Il1a
735	Il1f9
736	Il2rg
737	Il5
738	Il6ra
739	Il9r
740	Ins2
741	InsI5
742	InsI6
743	Insrr
744	Irak3
745	Irak4
746	Irs4
747	Irx2
748	Irx4
749	Irx5
750	Isl1
751	Isoc1
752	Itga1

753	Itga3
754	Itgb3bp
755	Itgb6
756	Itih3
757	Itpr3
758	Itprlp
759	Izumo1
760	Izumo2
761	Kbtbd12
762	Kcne1l
763	Kcnh2
764	Kcnj1
765	Kcnj12
766	Kcnj14
767	Kcnj5
768	Kctd12b
769	Kdr
770	Kera
771	Kif2c
772	Kitl
773	Klhl1
774	Klhl25
775	Klhl31
776	Klk10
777	Klk4
778	Klk5
779	Klra17
780	Klrb1b
781	Klrd1
782	Krccl
783	Kremen2
784	Krt10
785	Krt16
786	Krt33b
787	Krt4
788	Krt7
789	Krt72-ps
790	Krt8
791	Krtap1-5
792	Krtap12-1
793	Krtap15
794	Krtap26-1
795	Krtap5-3
796	Krtap6-1
797	Krtap8-1
798	Krtcap3
799	Lage3
800	Lamc3
801	Las1l
802	Lass3
803	Lbr
804	Lbx2
805	Lcmt2
806	Lcn8
807	Lcp2
808	Lctl
809	Ldoc1

810	Lef1
811	Lemd1
812	Lepr
813	Lgals7
814	Lhcgr
815	Lhfpl3
816	Lhx1
817	Lhx5
818	Lims1
819	Llph
820	Lmod1
821	LOC212476
822	LOC215539
823	LOC238766
824	LOC240093
825	LOC278757
826	LOC328369
827	LOC329428
828	LOC381076
829	LOC381575
830	LOC381980
831	LOC384276
832	LOC385660
833	LOC386546
834	LOC432429
835	LOC432500
836	LOC432545
837	LOC432574
838	LOC432619
839	LOC432738
840	LOC432787
841	LOC432907
842	LOC432913
843	LOC432915
844	LOC433011
845	LOC433077
846	LOC433088
847	LOC433191
848	LOC433198
849	LOC433227
850	LOC433228
851	LOC433288
852	LOC433295
853	LOC433322
854	LOC433347
855	LOC433354
856	LOC433567
857	LOC433583
858	LOC433588
859	LOC433601
860	LOC433610
861	LOC433620
862	LOC433635
863	LOC433699
864	LOC433764
865	LOC433816
866	LOC433898

867	LOC433928
868	LOC433997
869	LOC434015
870	LOC434101
871	LOC434102
872	LOC434146
873	LOC434320
874	LOC434382
875	LOC434412
876	LOC434427
877	LOC434442
878	LOC434771
879	LOC434793
880	LOC434820
881	LOC435346
882	LOC435576
883	LOC435625
884	LOC435800
885	LOC435849
886	LOC435906
887	LOC436018
888	LOC436359
889	LOC436542
890	LOC545505
891	LOC545838
892	LOC545890
893	LOC546299
894	LOC546577
895	LOC546959
896	Lrba
897	Lrdd
898	Lrit1
899	Lrrc1
900	Lrrc3b
901	Lrrc40
902	Lrrc66
903	Lsm2
904	Lsm5
905	Ltbp1
906	Ltbp2
907	Ly6g5b
908	Ly6g5c
909	Ly96
910	Lyq2
911	Mab21i3
912	Mael
913	Magea4
914	Magea9-ps
915	Mageb3
916	Mageb5
917	Magel2
918	Maoa
919	Maob
920	Map3k1
921	Mapk14
922	Matn3
923	Mcc

924	mCG1030251
925	mCG1049263
926	mCG145979
927	mCG146126
928	mCG147059
929	mCG148349
930	Mcpt1
931	Mdc1
932	Mefv
933	Megf6
934	Mei1
935	Mettl10
936	Mfng
937	Mgl2
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955	Mnx1
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957	Mpl
958	Mpo
959	Mpzl2
960	Mrap2
961	Mrgprb1
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965	Mrgprf
966	Mrgprx1
967	Ms4a10
968	Ms4a2
969	Mst1r
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973	Mthfd2l
974	Muc16
975	Muc20
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977	Mug1
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979	Mx2
980	Mybpc1

981	Myh3
982	Myl12b
983	Myom2
984	Myom3
985	N4bp2
986	Napepld
987	Nat1
988	Nat2
989	Nat8
990	Ncapg2
991	Ncf1
992	Nek3
993	Nek8
994	Neurod1
995	Nexn
996	Nfe2l2
997	Ngb
998	Nhedc2
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1001	Nlrc5
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1006	Npw
1007	Nqo2
1008	Nr2f2
1009	Nr5a1
1010	Nrg1
1011	Nsun6
1012	Nt5dc2
1013	Nthl1
1014	Ntn1
1015	Ntrk1
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1017	Ntsr1
1018	Nup210l
1019	Nup37
1020	Nupr1
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1023	Oas1f
1024	Oas2
1025	Ocm
1026	Ogg1
1027	Ogn
1028	Olfr1087
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1030	Olfr1339
1031	Olfr1356
1032	Olfr1361
1033	Olfr1367
1034	Olfr137
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1036	Olfr16
1037	Olfr365

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1058	Olfr829
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1066	Ormdl2
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1069	Otop3
1070	Otp
1071	Ovch2
1072	Ovgp1
1073	Oxt
1074	P2ry10
1075	Pabpc4l
1076	Pafah2
1077	Pah
1078	Pard3b
1079	Parp11
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1081	Pax7
1082	Pbk
1083	Pbx3
1084	Pcnxl3
1085	Pcp2
1086	Pcsk9
1087	Pde6b
1088	Pde7b
1089	Pdofrl
1090	Pdp2
1091	Pdss2
1092	Pebp4
1093	Pet2
1094	Pex11c

1095	Pgap1
1096	Pip
1097	Pira1
1098	Pitx2
1099	Pkhd1
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1104	Pla2g4a
1105	Pla2g4b
1106	Plac1l
1107	Plb1
1108	Plcg2
1109	Pld1
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1112	Plscr1
1113	Plxdc1
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1115	Pmch
1116	Pml
1117	Poc1b
1118	Podn1
1119	Pole2
1120	Pon3
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1122	Ppp1r14d
1123	Ppp1r3b
1124	Pramef12
1125	Prim2
1126	Prkd3
1127	Prkg2
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1132	Prmt6
1133	Prnd
1134	Procr
1135	Prorsd1
1136	Prpf4
1137	Prr11
1138	Prr15
1139	Prr5
1140	Prrx2
1141	Prss22
1142	Prss38
1143	Prss52
1144	Prss54
1145	Psg28
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1149	Ptgfr
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1151	Ptplad2

1152	Ptpn7
1153	Ptpnm
1154	Pum1
1155	Pycard
1156	Pyy
1157	Qrfp
1158	Qser1
1159	Rab25
1160	Rab2b
1161	Rab32
1162	Rab37
1163	Rad51ap1
1164	Rasa4
1165	Rassf1
1166	Rbm4b
1167	RbmX2
1168	Rbmy1a1
1169	Rec8
1170	Reg3a
1171	Reg3b
1172	Retnlg
1173	Rftn1
1174	Rgs16
1175	Rgs9
1176	RhoX1
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1178	Rlbp1
1179	Rnase12
1180	Rnf144a
1181	Rod1
1182	Ropn1
1183	Rorb
1184	Rorc
1185	Rp1
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1188	Rpl39l
1189	Rtel1
1190	Rtp1
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1193	Rxfp1
1194	Rxfp2
1195	Rxfp4
1196	Ryk
1197	S1pr4
1198	Samt4
1199	Sardh
1200	Sbp
1201	Scaper
1202	Scara5
1203	Sccpdh
1204	Scgb3a2
1205	Scml2
1206	Scn3a
1207	Scn5a
1208	Scn9a

1209	Scp2
1210	Sdr16c5
1211	Sdr16c6
1212	Sebox
1213	Sec22a
1214	Sectm1a
1215	Sema3a
1216	Serp1
1217	Serp1
1218	Serpina1a
1219	Serpina4-ps1
1220	Serpina9
1221	Serpina10
1222	Serpina11
1223	Serpina1b
1224	Serpina7
1225	Serpina9b
1226	Serpina9g
1227	Serpina1
1228	Sfmbt2
1229	Sfp1
1230	Sh2b2
1231	Shisa3
1232	Shroom1
1233	Sip1
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1236	Siva1
1237	Slc10a4
1238	Slc12a1
1239	Slc16a3
1240	Slc17a4
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1242	Slc18a2
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1244	Slc22a13
1245	Slc22a16
1246	Slc22a20
1247	Slc25a31
1248	Slc25a32
1249	Slc25a45
1250	Slc25a47
1251	Slc27a6
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1253	Slc39a8
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1258	Slc4a2
1259	Slc5a12
1260	Slc5a7
1261	Slc6a14
1262	Slc6a16
1263	Slc6a2
1264	Slc6a3
1265	Slc6a4

1266	Slc6a5
1267	Slc7a12
1268	Slc9a3
1269	Slco1a1
1270	Slco1a6
1271	Slco4c1
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1274	Slitrk6
1275	Sln
1276	Slurp1
1277	Smad2
1278	Smad9
1279	Smoc1
1280	Smpdl3b
1281	Smr2
1282	Snhg6
1283	Snx22
1284	Sorcs1
1285	Sowahc
1286	Sox6
1287	Sp7
1288	Spaca1
1289	Spast
1290	Spata1
1291	Spc25
1292	Spdef
1293	Spink10
1294	Spink12
1295	Spinlw1
1296	Spint1
1297	Spint2
1298	Spsb2
1299	Sptlc3
1300	Spz1
1301	Srd5a2
1302	Srqn
1303	Srsf12
1304	Sstr2
1305	Stard8
1306	Stil
1307	Stk17b
1308	Stk31
1309	Stk33
1310	Sulf1
1311	Syce1
1312	Sycp3
1313	Synb
1314	Syne2
1315	Syngr4
1316	Synpo2
1317	Syt9
1318	Taar4
1319	Tac2
1320	Tacr1
1321	Tacr3
1322	Taf12

1323	Tal1
1324	Tas1r2
1325	Tas2r106
1326	Tas2r107
1327	Tas2r108
1328	Tas2r114
1329	Tas2r116
1330	Tas2r120
1331	Tas2r126
1332	Tas2r129
1333	Tas2r134
1334	Tas2r135
1335	Tas2r143
1336	Tas2r144
1337	Tbx20
1338	Tbxa2r
1339	TC1469211
1340	Tctex1d1
1341	Tdrd12
1342	Tec
1343	Tekt5
1344	Tex101
1345	Tex13
1346	Tex15
1347	Tfap2e
1348	Tff3
1349	Tfpi2
1350	Tgfa
1351	Tgfb1
1352	Tgfb1i1
1353	Tgfr2
1354	Tgm6
1355	Th
1356	Tigd4
1357	Timm8a2
1358	Tktl2
1359	Tlcd1
1360	Tlr5
1361	Tlr7
1362	Tlr8
1363	Tmc2
1364	Tmc6
1365	Tmem101
1366	Tmem110
1367	Tmem120b
1368	Tmem173
1369	Tmem181a
1370	Tmem190
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1372	Tmem211
1373	Tmem225
1374	Tmem239
1375	Tmem241
1376	Tmem51
1377	Tmem79
1378	Tmigd1
1379	Tmsb15l

1380	Tmtc3
1381	Tnc
1382	Tnfrsf11b
1383	Tnfrsf8
1384	Tnfsf11
1385	Tnfsf15
1386	Tnfsf4
1387	Tnip3
1388	Tnk1
1389	Tnni3k
1390	Tnnt1
1391	Tnnt2
1392	Tpbpa
1393	Tph2
1394	Tppp2
1395	Traf4
1396	Trex2
1397	Trhr
1398	Trhr2
1399	Trim12c
1400	Trim36
1401	Trim38
1402	Trim42
1403	Trim47
1404	Trim52
1405	Trim55
1406	Trim6
1407	Trp53tg5
1408	Trpv4
1409	Tsen15
1410	Tsku
1411	Tspan1
1412	Tssk2
1413	Tstd1
1414	Ttf2
1415	Tusc5
1416	Txnrd2
1417	Uba1
1418	Ube2d2b
1419	Ube2l6
1420	Ubl4b
1421	Ubglnl
1422	Uqt1a1
1423	Uqt1a5
1424	Uqt1a7c
1425	Uqt2b1
1426	Umod
1427	Umodl1
1428	Unc93b1
1429	Ung
1430	Upk3a
1431	Upp2
1432	Uqcrg
1433	Ush1g
1434	Usp42
1435	Usp50
1436	Uts2r

1437	Vac14
1438	Vangl1
1439	Vav1
1440	Vav2
1441	Vipr2
1442	Vmn1r11
1443	Vmn1r13
1444	Vmn1r15
1445	Vmn1r177
1446	Vmn1r226
1447	Vmn1r228
1448	Vmn1r236
1449	Vmn1r26
1450	Vmn1r50
1451	Vmn1r65
1452	Vmn1r70
1453	Vmn1r72
1454	Vmn1r74
1455	Vmn1r81
1456	Vmn1r85
1457	Vmn2r10
1458	Vmo1
1459	Vwde
1460	Wap
1461	Wdr25
1462	Wdr65
1463	Wdr69
1464	Wee2
1465	Wfdc15a
1466	Wfdc15b
1467	Wfdc2
1468	Wfdc5
1469	Wfdc6a
1470	Wif1
1471	Wnk3-ps
1472	Wnt3
1473	Wnt9b
1474	Xlr
1475	Xrcc3
1476	Xrcc6bp1
1477	Ydic
1478	Yipf7
1479	Zcchc11
1480	Zcwpw1
1481	Zdhhc11
1482	Zdhhc12
1483	Zdhhc19
1484	Zfa
1485	Zfp111
1486	Zfp128
1487	Zfp14
1488	Zfp161
1489	Zfp384
1490	Zfp395
1491	Zfp580
1492	Zfp606
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1494	Zfp69
1495	Zfp708
1496	Zfp715
1497	Zfp72
1498	Zfp800
1499	Zfp945
1500	Zfp959
1501	Zqlp1
1502	Zic1
1503	Zim1
1504	Znrf3
1505	Zpbp2
1506	Zscan10
1507	Zscan20