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	Commd1
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

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	4930430O22Rik
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

183	Adam6a
184	Adamts13
185	Adamts19
186	Adcy7
187	Adcyap1
188	Adora2a
189	AF067063
190	AF119384
191	AF366264
192	Afap1l2
193	Agmat
194	Agrp
195	Agt
196	Agtr1b
197	Ahsp
198	AI450948
199	AI504432
200	AI506816
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

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	Cypt3
405	Cypt4
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	Gabrr1
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	Gdpd2
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	Glra1
571	Glra3
572	Glra4
573	Glud1
574	Gm10037
575	Gm10057
576	Gm10499
577	Gm1199
578	Gm1302
579	Gm13749
580	Gm14492
581	Gm1564

582	Gm1571
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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
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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	Hcrtr2
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	I830077J02Rik
712	I920196L20Rik*
713	Ifi202b
714	Ifi30
715	Ifi47
716	Ifit1
717	Ifltd1
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	Insl5
742	Insl6
743	Insrr
744	Irak3
745	Irak4
746	Irs4
747	Irx2
748	Irx4
749	Irx5
750	Isl1
751	Isoc1
752	Itga1

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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	Lyg2
911	Mab21l3
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
938	Mill1
939	Mkks
940	Mlana
941	Mm.185016
942	Mm.240073
943	Mm.297635
944	Mm.336072
945	Mm.347812
946	Mm.359168
947	Mm.371778
948	Mm.37454
949	Mm.375223
950	Mm.48776
951	Mmgt1
952	Mmp19
953	Mmp1a
954	Mmp3
955	Mnx1
956	Mpg
957	Mpl
958	Mpo
959	Mpzl2
960	Mrap2
961	Mrgprb1
962	Mrgprb3
963	Mrgprb4
964	Mrgprb8
965	Mrgprf
966	Mrgprx1
967	Ms4a10
968	Ms4a2
969	Mst1r
970	Mtap
971	Mtfr1
972	Mthfd2
973	Mthfd2l
974	Muc16
975	Muc20
976	Muc4
977	Mug1
978	Mup4
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
999	Nid2
1000	Nipal2
1001	Nlrc5
1002	Nlrp1a
1003	Noa1
1004	Npbwr1
1005	Npr1
1006	Npw
1007	Nqo2
1008	Nr2f2
1009	Nr5a1
1010	Nrg1
1011	Nsun6
1012	Nt5dc2
1013	Nthl1
1014	Ntn1
1015	Ntrk1
1016	Nts
1017	Ntsr1
1018	Nup210l
1019	Nup37
1020	Nupr1
1021	Nxt2
1022	Oas1c
1023	Oas1f
1024	Oas2
1025	Ocm
1026	Ogg1
1027	Ogn
1028	Olfr1087
1029	Olfr1316
1030	Olfr1339
1031	Olfr1356
1032	Olfr1361
1033	Olfr1367
1034	Olfr137
1035	Olfr1443
1036	Olfr16
1037	Olfr365

1038	Olfr366
1039	Olfr374
1040	Olfr399
1041	Olfr479
1042	Olfr523
1043	Olfr553
1044	Olfr576
1045	Olfr592
1046	Olfr603
1047	Olfr65
1048	Olfr672
1049	Olfr678
1050	Olfr684
1051	Olfr685
1052	Olfr690
1053	Olfr71
1054	Olfr714
1055	Olfr720
1056	Olfr728
1057	Olfr730
1058	Olfr829
1059	Olfr981
1060	Olfr982
1061	Olfr985
1062	Oog3
1063	Opn3
1064	Oprm1
1065	Orm1
1066	Ormdl2
1067	Ostb
1068	Otop2
1069	Otop3
1070	Otp
1071	Ovch2
1072	Ovgp1
1073	Oxt
1074	P2ry10
1075	Pabpc4l
1076	Pafah2
1077	Pah
1078	Pard3b
1079	Parp11
1080	Pax6
1081	Pax7
1082	Pbk
1083	Pbx3
1084	Pcnxl3
1085	Pcp2
1086	Pcsk9
1087	Pde6b
1088	Pde7b
1089	Pdgfrl
1090	Pdp2
1091	Pdss2
1092	Pebp4
1093	Pet2
1094	Pex11c

1095	Pgap1
1096	Pip
1097	Pira1
1098	Pitx2
1099	Pkhd1
1100	Pkib
1101	Pkp3
1102	Pkp4
1103	Pla1a
1104	Pla2g4a
1105	Pla2g4b
1106	Plac1l
1107	Plb1
1108	Plcg2
1109	Pld1
1110	Plin1
1111	Pln
1112	Plscr1
1113	Plxdc1
1114	Plxnd1
1115	Pmch
1116	Pml
1117	Poc1b
1118	Podnl1
1119	Pole2
1120	Pon3
1121	Poteg
1122	Ppp1r14d
1123	Ppp1r3b
1124	Pramef12
1125	Prim2
1126	Prkd3
1127	Prkg2
1128	Prl2b1
1129	Prl4a1
1130	Prl7a1
1131	Prlhr
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
1146	Psma8
1147	Pstpip1
1148	Ptges3l
1149	Ptgfr
1150	Pth1r
1151	Ptplad2

1209	Scp2
1210	Sdr16c5
1211	Sdr16c6
1212	Sebox
1213	Sec22a
1214	Sectm1a
1215	Sema3a
1216	Senp1
1217	Serp1
1218	Serpina1a
1219	Serpina4-ps1
1220	Serpina9
1221	Serpinb10
1222	Serpinb11
1223	Serpinb1b
1224	Serpinb7
1225	Serpinb9b
1226	Serpinb9g
1227	Serping1
1228	Sfmbt2
1229	Sfpi1
1230	Sh2b2
1231	Shisa3
1232	Shroom1
1233	Sip1
1234	Sirpb1a
1235	Sis
1236	Siva1
1237	Slc10a4
1238	Slc12a1
1239	Slc16a3
1240	Slc17a4
1241	Slc17a6
1242	Slc18a2
1243	Slc18a3
1244	Slc22a13
1245	Slc22a16
1246	Slc22a20
1247	Slc25a31
1248	Slc25a32
1249	Slc25a45
1250	Slc25a47
1251	Slc27a6
1252	Slc34a3
1253	Slc39a8
1254	Slc41a3
1255	Slc44a4
1256	Slc45a2
1257	Slc47a1
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
1272	Slco6c1
1273	Slfn3
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	Srgn
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

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	Ubqlnl
1422	Ugt1a1
1423	Ugt1a5
1424	Ugt1a7c
1425	Ugt2b1
1426	Umod
1427	Umodl1
1428	Unc93b1
1429	Ung
1430	Upk3a
1431	Upp2
1432	Uqcrq
1433	Ush1g
1434	Usp42
1435	Usp50
1436	Uts2r

1494	Zfp69
1495	Zfp708
1496	Zfp715
1497	Zfp72
1498	Zfp800
1499	Zfp945
1500	Zfp959
1501	Zglp1
1502	Zic1
1503	Zim1
1504	Znrf3
1505	Zpbp2
1506	Zscan10
1507	Zscan20