

Genes expressed by <u>CA3 Pyramidal cells</u>

Positive		
2	Positive	
3	1	42622
4 1110008F13Rik 5 1810026J23Rik 6 2510003E04Rik 7 2610507B11Rik 8 3110002H16Rik 9 4933426M11Rik 10 5730403B10Rik 11 6330403A02Rik 12 8430410A17Rik 13 9530085L02Rik 14 Abhd12 15 Abr 16 Aco2 17 Acox1 18 Acsl6 19 Actr3 20 Adam15 21 Adra1d 22 Aes 23 Agap2 24 Ahsa1 25 Ak4 26 Ak5 27 Akap11 28 Alas1 29 Aldoa 30 Ankrd46 31 Ap1s1 32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2	2	<u>42628</u>
5 1810026J23Rik 6 2510003E04Rik 7 2610507B11Rik 8 3110002H16Rik 9 4933426M11Rik 10 5730403B10Rik 11 6330403A02Rik 12 8430410A17Rik 13 9530085L02Rik 14 Abhd12 15 Abr 16 Aco2 17 Acox1 18 Acsl6 19 Actr3 20 Adam15 21 Adra1d 22 Aes 23 Agap2 24 Ahsa1 25 Ak4 26 Ak5 27 Akap11 28 Alas1 29 Aldoa 30 Ankrd46 31 Ap1s1 32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2	3	0610007L01Rik
6	4	1110008F13Rik
7 2610507B11Rik 8 3110002H16Rik 9 4933426M11Rik 10 5730403B10Rik 11 6330403A02Rik 12 8430410A17Rik 13 9530085L02Rik 14 Abhd12 15 Abr 16 Aco2 17 Acox1 18 Acsl6 19 Actr3 20 Adam15 21 Adra1d 22 Aes 23 Agap2 24 Ahsa1 25 Ak4 26 Ak5 27 Akap11 28 Alas1 29 Aldoa 30 Ankrd46 31 Ap1s1 32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2	5	1810026J23Rik
8 3110002H16Rik 9 4933426M11Rik 10 5730403B10Rik 11 6330403A02Rik 12 8430410A17Rik 13 9530085L02Rik 14 Abhd12 15 Abr 16 Aco2 17 Acox1 18 Acsl6 19 Actr3 20 Adam15 21 Adra1d 22 Aes 23 Agap2 24 Ahsa1 25 Ak4 26 Ak5 27 Akap11 28 Alas1 29 Aldoa 30 Ankrd46 31 Ap1s1 32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Ati3 45 Atp1a2 46 Atp5b 47 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2	6	2510003E04Rik
9	7	2610507B11Rik
10 5730403B10Rik 11 6330403A02Rik 12 8430410A17Rik 13 9530085L02Rik 14 Abhd12 15 Abr 16 Aco2 17 Acox1 18 Acsl6 19 Actr3 20 Adam15 21 Adra1d 22 Aes 23 Agap2 24 Ahsa1 25 Ak4 26 Ak5 27 Akap11 28 Alas1 29 Aldoa 30 Ankrd46 31 Ap1s1 32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2	8	3110002H16Rik
11 6330403A02Rik 12 8430410A17Rik 13 9530085L02Rik 14 Abhd12 15 Abr 16 Aco2 17 Acox1 18 Acsl6 19 Actr3 20 Adam15 21 Adra1d 22 Aes 23 Agap2 24 Ahsa1 25 Ak4 26 Ak5 27 Akap11 28 Alas1 29 Aldoa 30 Ankrd46 31 Ap1s1 32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2	9	4933426M11Rik
12 8430410A17Rik 13 9530085L02Rik 14 Abhd12 15 Abr 16 Aco2 17 Acox1 18 Acsl6 19 Actr3 20 Adam15 21 Adra1d 22 Aes 23 Agap2 24 Ahsa1 25 Ak4 26 Ak5 27 Akap11 28 Alas1 29 Aldoa 30 Ankrd46 31 Ap1s1 32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2	10	5730403B10Rik
13 9530085L02Rik 14 Abhd12 15 Abr 16 Aco2 17 Acox1 18 Acsl6 19 Actr3 20 Adam15 21 Adra1d 22 Aes 23 Agap2 24 Ahsa1 25 Ak4 26 Ak5 27 Akap11 28 Alas1 29 Aldoa 30 Ankrd46 31 Ap1s1 32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2	11	6330403A02Rik
14 Abhd12 15 Abr 16 Aco2 17 Acox1 18 Acsl6 19 Actr3 20 Adam15 21 Adra1d 22 Aes 23 Agap2 24 Ahsa1 25 Ak4 26 Ak5 27 Akap11 28 Alas1 29 Aldoa 30 Ankrd46 31 Ap1s1 32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2	12	8430410A17Rik
15 Abr 16 Aco2 17 Acox1 18 Acsl6 19 Actr3 20 Adam15 21 Adra1d 22 Aes 23 Agap2 24 Ahsa1 25 Ak4 26 Ak5 27 Akap11 28 Alas1 29 Aldoa 30 Ankrd46 31 Ap1s1 32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2	13	9530085L02Rik
16 Aco2 17 Acox1 18 Acsl6 19 Actr3 20 Adam15 21 Adra1d 22 Aes 23 Agap2 24 Ahsa1 25 Ak4 26 Ak5 27 Akap11 28 Alas1 29 Aldoa 30 Ankrd46 31 Ap1s1 32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2	14	Abhd12
17	15	<u>Abr</u>
18	16	Aco2
19	17	Acox1
20 Adam15 21 Adra1d 22 Aes 23 Agap2 24 Ahsa1 25 Ak4 26 Ak5 27 Akap11 28 Alas1 29 Aldoa 30 Ankrd46 31 Ap1s1 32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Ati3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2	18	Acsl6
21	19	Actr3
22	20	Adam15
23	21	Adra1d
24 Ahsa1 25 Ak4 26 Ak5 27 Akap11 28 Alas1 29 Aldoa 30 Ankrd46 31 Ap1s1 32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2	22	<u>Aes</u>
25	23	Agap2
26	24	Ahsa1
27	25	Ak4
28	26	Ak5
29 Aldoa 30 Ankrd46 31 Ap1s1 32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 50 Atp6v0c 50 Atp6v0c2 51 Atp6v1g2	27	Akap11
30	28	
31	29	
32 Ap2a2 33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhqap21 38 Arhqef17 39 Arhqef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2		
33 Ap3b2 34 Ap3d1 35 Aptx 36 Aqp11 37 Arhgap21 38 Arhgef17 39 Arhgef25 40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2	31	
34		
35		
36		
37		
38		
39	_	
40 Arpc4 41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2		
41 Arpc5 42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2		
42 Ash2l 43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2		
43 Asphd2 44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2		
44 Atl3 45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2		
45 Atp1a2 46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2		
46 Atp5b 47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2		
47 Atp5f1 48 Atp6v0b 49 Atp6v0c 50 Atp6v0e2 51 Atp6v1g2		
48 <u>Atp6v0b</u> 49 <u>Atp6v0c</u> 50 <u>Atp6v0e2</u> 51 <u>Atp6v1g2</u>		
49 <u>Atp6v0c</u> 50 <u>Atp6v0e2</u> 51 <u>Atp6v1g2</u>		
50 <u>Atp6v0e2</u> 51 <u>Atp6v1g2</u>		
	50	
52 <u>Atxn10</u>	51	Atp6v1g2
	52	Atxn10

53	AU040320
54	Baz1b
55	BC005537
56	BC037034
57	Bok
58	Calr
59	Carkd
60	Ccbe1
61	Ccdc85b
62	Ccrn4l
63	Cct3
64	Cct5
65	Cdc26
66	Cdc42se2
67	Cdk14
68	Chchd2
69	Chid1
70	Chst11
71	Cisd1
72	Cnbp
73	Cnksr2
74	Cog2
75	Commd3
76	Cops7a
77	Coq2
78	Cox7a2
79	Cpeb1
80	Crmp1
81	Csnk2a1
82	Cul2
83	Cul3
84	Cyp2j5
85	<u>D4Bwg0951e</u>
86	D830029A09Rik
87	<u>Dars</u>
88	Dctn2
89	<u>Dgke</u>
90	Dhrs7b
91	Dlat
92	<u>Dnaja4</u>
93	Dnase1I2
94	Dph1
95	Drap1
96	Dscr3
97	Dynll2
98	Dyrk1a
99	Eef1a1
100	Eef1g
101	Efna3
101	Eif3a
102	Eif3m
103	Eif4a1
104	<u>Eii4a1</u> <u>Eif4q1</u>
105	<u>Eii4g1</u> <u>Eif4h</u>
106	<u>Elf5</u>
107	Enox1
108	
109	Enpp5

110	Epha6
111	Erc2
112	Ern2
113	Exoc3
114	Ezh1
115	F630111L10Rik
116	F830118D09Rik*
117	Faah
118	<u>Fam118a</u>
119	Fam118b
120	Fbxo22
121	Fbxw4
122	Fgfr1op2
123	Fh1
124	Fkbp1a
125	Flad1
126	Flrt3
127	Flywch1
128	Fuca1
129	Fxr1
130	Gabarapl1
131	Gabbr1
132	Gde1
133	Gga1
134	Gm196
135	Gm427
136	Golga2
137	Golm1
138	<u>Gphn</u>
139	Gria1
140	Grm5
141	Hdac1
142	Hk1
143	Hnrnpa1
144	<u>Hnrnpu</u>
145	Hsp90aa1
146	Hsp90ab1
147	Hspa2
148	Hyou1
149	lmp3
150	<u>Ina</u>
151	lp6k1
152	<u>lpmk</u>
153	lsca1
154	<u>ltm2b</u>
155	Katna1
156	Katnb1
157	Kcnq2
158	Kdm5b
159	Klhdc8a
160	Klhl2
161	Klhl26
162	Klk8
163	Kpna3
164	<u>Lass1</u>
165	LOC328602
166	LOC383319

167	LOC545133
168	LOC545698
169	LOC545863
170	Loh12cr1
171	Lonp2
172	<u>Lrpprc</u>
173	Lrrc8d
174	Lrrn2
175	<u>Lrrtm1</u>
176	Ltv1
177	Maged1
178	Mapk1
179	Mapk8ip2
180	Mark3
181	Mblac2
182	Med28
183	Med29
184	Megf9
185	Mfsd10
186	Mgat4c
187	<u>Mmd</u>
188	Morf4I2
189	<u>Mprip</u>
190	Mrfap1
191	Mrpl11
192	Mrpl14
193	Mrpl30
194	Mrpl53
195	Mt1
196	Mt3
197	Mtch1
198	Mtmr3
199	Mus81
200	Myl6
201	<u>Naca</u>
202	<u>Nampt</u>
203	Nars2
204	<u>Ncdn</u>
205	<u>Ncl</u>
206	Ndnl2
207	Ndrg4
208	Ndufb10
209	Ndufb7
210	Nelf
211	<u>Nfkbiz</u>
212	Nlgn3
213	Nmnat2
214	Npy2r
215	Nsun2
216	Ogfrl1
217	Otub1
218	Pabpc1
219	Papd7
220	Park7
221	Parp1
222	<u>Pdhb</u>
223	Pebp1

224	Pex7
225	Pfn1
226	Pitx1
227	<u>Pkm</u>
228	<u>Plat</u>
229	Plod3
230	<u>Porcn</u>
231	<u>Ppia</u>
232	<u>Ppib</u>
233	<u>Prepl</u>
234	Prickle2
235	Prkar1a
236	Prmt7
237	Prrc2c
238	Psmb7
239	<u>Ptma</u>
240	Ptplad1
241	<u>Ptpra</u>
242	Rab11fip3
243	Rab21
244	Rab2a
245	Rab3gap2
246	Rab3ip
247	Rae1
248	Rangrf
249	Rapgef2
250	Raver2
251	Rbm25
252	Rbm5
253	Rchy1
254	<u>Rere</u>
255	Rerg
256	Rhob
257	<u>Rltpr</u>
258	Rnf182
259	Rnf5
260	Rpl11
261	Rpl13a
262	Rpl17
263	Rpl24
264	Rpl27a
265	Rpl28
266	<u>Rpl31</u>
267	Rpl36
268	Rpl5
269	Rpl6
270	Rpl7
271	Rps14
272	Rps4x
273	Rps6
274	Rps7
275	Rrn3
276	Rtn3
277	Sar1b
278	<u>Sdha</u>
279	Sec11c
280	Serbp1

281	Serpinb8
282	<u>Set</u>
283	<u>Sh2b1</u>
284	Shisa6
285	Sipa1I3
286	Slc25a12
287	Slc25a23
288	Slc26a4
289	Slc2a6
290	Slc36a2
291	Slc4a7
292	Smarcb1
293	Smyd2
294	Snrpa1
295	Snx1
296	<u>Snx11</u>
297	Snx3
298	Sod2
299	Sort1
300	Spcs1
301	Spin1
302	<u>Src</u>
303	Srpk1
304	Srrm1
305	Srsf6
306	<u>St13</u>
307	<u>St5</u>
308	St6galnac5
309	St8sia3
310	Stip1
311	Stoml1
312	Suclg1
313	Sugp2
314	Tab2
315	Tacc2
316	<u>Tbca</u>
317	Tceal6
318	Telo2
319	Tfrc
320	Thsd4
321	Thyn1
322	Timm13
323	Tmed9
324	Tmeff2
325	Tmem106b
326	Tmem59
327	
328	Tnfaip6
329	Tnfaip8l3 Tnfrsf21
330	Tomm34
331	Tor1a
332	Tprgl
333	Tpst1
334	<u>Trf</u>
335	Trim2
336	Trnp1
337	Tspan3

338	U2af2
339	<u>Uba52</u>
340	<u>Ube2z</u>
341	<u>Ubr5</u>
342	<u>Ubxn4</u>
343	<u>Umps</u>
344	<u>Unc5c</u>
345	<u>Uqcrb</u>
346	Wdr7
347	Wscd1
348	Ythdf1
349	<u>Zap70</u>
350	Zer1
351	Zfc3h1
352	<u>Zfp259</u>
353	<u>Zfp706</u>
354	Zmym4
355	Zscan22

Genes not expressed by <u>CA3 Pyramidal cells</u>

Negative	
1	<u>0610009L18Rik</u>
2	1110008E08Rik
3	1110020C17Rik
4	1200016B10Rik
5	<u>1700014N06Rik</u>
6	<u>1700015F17Rik</u>
7	<u>1700018A04Rik</u>
8	<u>1700029F12Rik</u>
9	<u>1700031A10Rik</u>
10	<u>1700031F05Rik</u>
11	<u>1700034J05Rik</u>
12	<u>1700041G16Rik</u>
13	<u>1700048O20Rik</u>
14	1700060C20Rik
15	1700062G21Rik*
16	<u>1700063K16Rik</u>
17	<u>1700066B19Rik</u>
18	<u>1700066J24Rik</u>
19	1700084K02Rik
20	<u>1700094D03Rik</u>
21	1810018F18Rik
22	<u>1810033B17Rik</u>
23	2310005G13Rik
24	2310009B15Rik
25	2310047D07Rik
26	2310069G16Rik
27	2410004B18Rik
28	2410088K16Rik
29	2410141K09Rik
30	2510049J12Rik
31	2610507I01Rik
32	2700023E23Rik

33	2810006K23Rik
34	2810055F11Rik
35	<u>2810417H13Rik</u>
36	2810442I21Rik
37	2900052N01Rik
38	2900060B14Rik
39	3110021N24Rik
40	3110040M04Rik
41	3830417A13Rik
42	4631405J19Rik
43	4732440D04Rik
44	4732465J04Rik
45	4833442J19Rik
46	4833444G19Rik
47	4921507L20Rik
48	4921508M14Rik
49	4921531P07Rik
50	4930430O22Rik
51	4930430022Kik 4930432F04Rik
52	4930432M17Rik
53 54	4930442G15Rik
54	4930447F04Rik
55 50	4930448F12Rik
56	4930449A18Rik
57	4930468A15Rik
58	4930469G21Rik
59	4930479M11Rik
60	4930522N08Rik
61	4930524N10Rik
62	4930524O08Rik
63	4930533L02Rik
64	4930535E06Rik*
65	4930541O19Rik
66	4930546C10Rik
67	4930564D02Rik
68	4930566N20Rik
69	4930568D16Rik
70	4930570N19Rik*
71	4930578I07Rik
72	4930596D02Rik
73	4930597L12Rik
74	4931429P17Rik
75	4933411O13Rik
76	4933424G06Rik
77	4933425L06Rik
78	4933426D04Rik
79	4933430I17Rik
80	4933430N04Rik
81	4933435G04Rik
82	5033430I15Rik
83	5330432E05Rik
84	5430417C01Rik
85	5430419D17Rik
86	5730585A16Rik
87	9030418K01Rik
88	9130227L01Rik
89	9430076C15Rik
0.9	<u> </u>

90 9530056K15Rik 91 9930014A18Rik 92 A130004G07Rik 93 A130030D18Rik 94 A1cf 95 A230004M16Rik 96 A230035D19Rik* 97 A230052G05Rik 98 A230072I06Rik 99 A3galt2 100 A530058O07Rik 101 A530098C11Rik 102 A730013O20Rik 103 A730024G14Rik* 104 A730089K16Rik 105 A830093I24Rik
92 A130004G07Rik 93 A130030D18Rik 94 A1cf 95 A230004M16Rik 96 A230035D19Rik* 97 A230052G05Rik 98 A230072I06Rik 99 A3galt2 100 A530058O07Rik 101 A530098C11Rik 102 A730013O20Rik 103 A730024G14Rik* 104 A730089K16Rik 105 A830093I24Rik
93 A130030D18Rik 94 A1cf 95 A230004M16Rik 96 A230035D19Rik* 97 A230052G05Rik 98 A230072I06Rik 99 A3galt2 100 A530058O07Rik 101 A530098C11Rik 102 A730013O20Rik 103 A730024G14Rik* 104 A730089K16Rik 105 A830093I24Rik
94 A1cf 95 A230004M16Rik 96 A230035D19Rik* 97 A230052G05Rik 98 A230072I06Rik 99 A3galt2 100 A530058O07Rik 101 A530098C11Rik 102 A730013O20Rik 103 A730024G14Rik* 104 A730089K16Rik 105 A830093I24Rik
95
96 A230035D19Rik* 97 A230052G05Rik 98 A230072I06Rik 99 A3galt2 100 A530058O07Rik 101 A530098C11Rik 102 A730013O20Rik 103 A730024G14Rik* 104 A730089K16Rik 105 A830093I24Rik
97 A230052G05Rik 98 A230072I06Rik 99 A3galt2 100 A530058O07Rik 101 A530098C11Rik 102 A730013O20Rik 103 A730024G14Rik* 104 A730089K16Rik 105 A830093I24Rik
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120 <u>Adam6a</u>
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122 <u>Adora3</u>
123 <u>Adrb1</u>
124 <u>AF067063</u>
125 <u>AF119384</u>
126 <u>AF366264</u>
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134 <u>Akr1b8</u>
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139 <u>Ambp</u>
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141 <u>Ankrd5</u>
142 <u>Ano1</u>
143 <u>Ano2</u>
144 <u>Anxa4</u>
145 <u>Aox4</u>
146 <u>Apcs</u>

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149	Arpp19
150	Art2a-ps
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153	Asb2
154	Asb4
155	Atad2b
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159	AU022252
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176	Bcdin3d
177	Bcl2a1b
178	<u>Bcl2l14</u>
179	Bet1
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181	Bnc2
182	<u>Bpifb9a</u>
183	<u>Bpifc</u>
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185	C130036L24Rik
186	C330006D17Rik
187	C330018D20Rik
188	C330024D21Rik
189	C330024E10Rik
190	C330046G03Rik
191	C430049B03Rik
192	C8g
193	Calca
194	Calcb
195	Calcr
196	Calr3
197	Camp
198	Casp14
199	Casp8ap2
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208	Cdc6
209	Cdca2
210	Cdh23
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213	Ceacam10
214	Ceacam19
215	<u>Cebpe</u>
216	Ces5a
217	Chaf1b
218	<u>Chi3l4</u>
219	Chrna3
220	Chrnb1
221	Chrnb3
222	<u>Cideb</u>
223	<u>Clcnka</u>
224	Cldn17
225	Cldn4
226	Clec2f-ps
227	Clec4a1
228	Clec4a2
229	Clec4e
230	Cml2
231	Cnksr3
232	Cnot6
233	Cox18
234 235	<u>Cox7a1</u>
236	Cpa6 Crabp1
237	
238	Cryz Cwc15
239	Cxcl3
240	Cybrd1
241	<u>Cyp2c70</u>
242	Cyp2t4
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244	<u>Cyp3a13</u> <u>Cypt4</u>
245	Cyr61
246	Cytip
247	D330025C20Rik
248	D330041B21Rik
249	D530049N12Rik
250	D630033O11Rik
251	<u>D730003I15Rik</u>
252	D830028D21Rik*
253	D830039M14Rik
254	D930028M14Rik
255	D930048N14Rik
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260	Defb20

261	Defb36
262	Det1
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264	Dppa2
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266	Dsg1c
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268	E030034C22Rik
269	E130010M05Rik
270	E130119H09Rik
271	E230008N13Rik
272	E230016K23Rik
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276	Edn1
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283	<u>Endog</u>
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285	<u>Eomes</u>
286	<u>Epgn</u>
287	<u>Epo</u>
288	Erich1
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290	Etaa1
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293	F530002G13Rik*
294	F630049H13Rik*
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297	F830201C10Rik*
298	F830225E14Rik*
299	F930007G17Rik*
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314	<u>Fgg</u>
315	<u>Figla</u>
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328	Gabre
329	Gabrq
330	Gal
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401	<u>Gpr88</u>
402	Gpx3
403	<u>Grb10</u>
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405	Gsc2
406	Gsdma
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408	Gucy1b2
409	Gykl1
410	<u>H19</u>
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413	H2afb1
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418	Hemgn
419	Hnrnpr
420	Hoxa6
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431	Hyal4 I920196L20Rik*

432	<u>lfit1</u>
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445	lgcf1
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447	Irx2
448	Isl2
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457	Klhl25
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459	Klrb1b
460	Klrb1f
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465	Krt4
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469	Krtap15
470	Krtap31-2
471	Krtap5-3
472	Krtcap3
473	<u>Lage3</u>
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475	<u>Las1I</u>
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477	Lcn8
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479	Lep
480	Lgals7
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592	Nfe2l2
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594	Nhedc1
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616	Olfr1087
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627	Olfr672
628	Olfr676
629	Olfr678
630	Olfr685
631	Olfr690
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634	<u>Olfr720</u>
635	<u>Olfr728</u>
636	Olfr735
637	<u>Olfr807</u>
638	Olfr829
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644	Olfr985
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646	Otop2
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648	<u>Ott</u>
649	Oxt
650	<u>P2ry10</u>
651	Parp11
652	Pax6
653	<u>Pax7</u>
654	<u>Pbk</u>
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656	Pcsk9
657	Pde6b
658	Pdp2
659	Pdss2

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661	Pgap1
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665	Pkp3
666	Pkp4
667	Plac1I
668	Pld1
669	Pln
670	Plscr1
671	Plxdc1
672	Plxnd1
673	Pm20d2
674	Pmch - · ·
675	Poc1b
676	Podnl1
677	Pole2
678	Pon3
679	<u>Poteg</u>
680	Pou4f1
681	Ppef2
682	<u>Ppid</u>
683	Pramef12
684	Prkd3
685	Prkg2
686	Prl6a1
687	Prl7a1
688	Prlhr
689	Prpsap1
690	Prr11
691	Prrx2
692	Prss52
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696	Ptgfr
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	Ptprm
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699	Pun1
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701	Pyv
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703	Rab44
704	Rasa4
705	Rbm31y
706	Rbm44
707	Rbmx2
708	Reg3a
709	Retnlg
710	Rfpl4
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713	Rgs9
714	Rhoh
715	Rhox1
716	Rorb

717	Rorc
718	<u>Rpl3I</u>
719	Rtel1
720	Rxfp1
721	Samd11
722	Samt4
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724	Scaper
725	Sccpdh
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727	Scgb3a2
728	Scml2
729	Scn9a
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740	Siva1
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742	Slc10a4
743	Slc12a1
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745	Slc17a2
746	<u>Slc18a2</u>
747	<u>Slc18a3</u>
748	<u>Slc22a13</u>
749	<u>Slc22a16</u>
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752	<u>Slc25a43</u>
753	<u>Slc45a2</u>
754	<u>Slc47a1</u>
755	Slc5a12
756	Slc5a4a
757	<u>Slc6a14</u>
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760	Slc6a5
761	Slc7a7
762	<u>Slc9a10</u>
763	Slc9a3
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766	Slco4c1
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768	Snhg6
769	Sorcs1
770	Sox6
771	<u>Sp7</u>
772	Spata1
773	Spc24
113	Орогт

774	<u>Spdef</u>
775	Spink10
776	Spink6
777	Spsb2
778	Sptlc3
779	<u>Srd5a2</u>
780	<u>Srgn</u>
781	Srsf12
782	Sstr2
783	Stac
784	Stard8
785	Stil
786	Stk17b
787	Stk33
788	Stra13
789	Syce1
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791	Syt6
792	Syt9
793	Taar4
794	Tac2
794 795	Tacr1
796	Tacr3
797	Taf12
798	Tal1
799	<u>Tas2r107</u>
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802	<u>Tas2r118</u>
803	<u>Tas2r120</u>
804	<u>Tas2r123</u>
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813	TC1548724
814	<u>Tceanc</u>
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816	Tdrd12
817	<u>Tec</u>
818	Tekt5
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822	Tgfb1i1
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824	<u>Th</u>
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	Uts2r
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869	<u>Vmn1r72</u>
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874	Vmo1
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887	<u>Zfp54</u>
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890	<u>Zfp708</u>
891	<u>Zfp72</u>
892	<u>Zfp867</u>
893	<u>Zfp933</u>
894	<u>Zfp945</u>
895	<u>Zfp958</u>
896	<u>Zfp959</u>
897	Zic3
898	Zim1
899	Zpbp2