

Supplementary Table 1

## Chromosome 1

Number	Gene Name
1	St18 (5')
2	RIKEN 6430518I24 (3')
3	P-Rex2
4	Tram1
5	Xkr9 (3')
6	Msc (3')
7	Crispld1 (3')
8	Tram2 (5')
9	RIKEN E030034H13_1 (3')
10	RIKEN E030034H13_2 (3')
11	RIKEN 1700024G10 (3')
12	Aff3
13	RIKEN 4931419K03 (5')
14	Slc39a10 (5')
15	RIKEN D130039I04 (5')
16	Satb2_1
17	Satb2_2
18	Icos (3')
19	Hypothetical Protein AY512958 (5')
20	Adam23
21	Hypothetical Protein LOC433315 (5')
22	Zfpn1a2 (3')
23	RIKEN 6820407J23 (3')
24	Wnt10a (3')
25	Slc4a3 (3')
26	Epha4 (5')
27	Col4a3
28	Col4a3 (3')
29	Twist2 (5')
30	Slco4c1 (3')
31	Cdh20 (5')
32	RIKEN 2310035C23
33	Cdh7 (3')
34	Tcfcp2l1 (3')
35	RIKEN E030049G20_1
36	RIKEN E030049G20_2
37	RIKEN 2610024A01
38	Il10 (5')
39	Lrrn2
40	Btg2 (3')
41	Cfh (5')
42	Pla2g4a (3')
43	RIKEN 4930535E06 (3')
44	RIKEN 6430517E21 (3')
45	RIKEN 1600012P17 (5')
46	Pou2f1
47	Pbx1
48	Cdca1_1 (3')
49	Cdca1_2 (3')
50	Cdca1_3 (3')
51	Kcnj10
52	RIKEN A430110L20 (3')
53	Tgfb2 (3')
54	RIKEN 4930513F16
55	Esrrg (5')
56	Plxna2_1 (5')
57	Plxna2_2 (5')
58	Cr2

## Chromosome 6

Number	Gene Name
1	Pon2
2	Pdk4 (5')
3	Shfm1 (3')
4	Cgalt1
5	Ndufa4 (3')
6	Gpr85 (5')
7	Foxp2
8	Mdfic (3')
9	Tcfec_1 (3')
10	Tcfec_2 (3')
11	Capza2
12	Hyal5 (3')
13	Gpr37 (3')
14	Pot1 (5')
15	Grm8
16	RIKEN 6530409C15 (3')
17	RIKEN 4631427C17
18	Chchd3 (5')
19	Exoc4_1
20	Exoc4_2
21	Bpgm
22	RIKEN 1700111E14 (5')
23	Akr1d1 (3')
24	RIKEN B830021M19
25	Cntnap2_1
26	Cntnap2_2
27	Hypothetical Protein BC022713 (3')
28	Hoxa1 (3')
29	Pde1c
30	Herc5
31	Ctnna2
32	Lrrtm4_1
33	Lrrtm4_2
34	RIKEN G730001M10 (3')
35	Exoc6b
36	Gata2
37	Eefsec
38	Txnrd3
39	Lrig1 (5')
40	Kbtbd8 (5')
41	RIKEN C630007B19 (5')
42	Mitf (3')
43	Foxp1_1
44	Foxp1_2
45	Eif4e3
46	Eif4e3 (5')
47	Prok2 (5')
48	Cntn4_1
49	Cntn4_2
50	Edem1 (3')
51	Grm7 (3')
52	Cacna1c
53	Erc1
54	Bcl2l13
55	Vwf
56	RIKEN 4930549D04 (3')
57	Ccnd2 (5')
58	Tspan9
59	Etv6
60	Dera
61	Hypothetical Protein BC099684 (5')
62	Aebp2
63	Sox5

## Chromosome 7

Number	Gene Name
1	Peg3 (3')
2	Ptgir (5')
3	Zfp537 (3')
4	RIKEN F630210F18 (3')
5	Ptpn5 (3')
6	RIKEN B230343H07
7	Slc17a6 (3')
8	RIKEN 9330154K17 (3')
9	Aldh1a3 (5')
10	Igf1r
11	Gm489 (3')
12	Slco3a1
13	Sv2b (3')
14	RIKEN A430051O08
15	RIKEN D430020F16 (3')
16	RIKEN A530021J07 (5')
17	Grm5 (3')
18	RIKEN 1110001A23 (5')
19	RIKEN 2310015N07 (5')
20	RIKEN A330097B12_1 (5')
21	RIKEN A330097B12_2 (5')
22	RIKEN A330097B12_3 (5')
23	RIKEN 5330421K23_1 (5')
24	RIKEN 5330421K23_2 (5')
25	Odz4
26	RIKEN 2810406K13 (3')
27	Rab6 (5')
28	RIKEN A330095H04
29	Rab6ip1
30	Sox6
31	Nucb2 (3')
32	Rps15a (3')
33	RIKEN E030025L22 (5')
34	Otoa (3')
35	Prkcb1
36	RIKEN D930043N06 (5')
37	Fgfr2 (3')
38	Adam12_1
39	Adam12_2
40	RIKEN 4933400E14 (5')
41	Ebf3_1
42	Ebf3_2
43	Tmem16a