

TC/SC Liver Gene List

No	Entrez_Gene_]	Symbol	TC/SC.fc	No	Entrez_Gene_I	Symbol	TC/SC.fc
1	20201	S100a8	95.57	1	94179	Krt23	-8.07
2	20202	S100a9	91.84	2	100044218	LOC100044218	-7.92
3	17002	Ltf	35.96	3	26897	Acot1	-7.17
4	17523	Mpo	31.17	4	13119	Cyp4a14	-6.42
5	12796	Camp	24.69	5	666168	Cyp4a31	-4.53
6	19152	Prtn3	23.75	6	76487	Ppp1r3g	-4.14
7	13035	Ctsq	20.18	7	12945	Dmbt1	-3.74
8	19074	Prg2	19.94	8	432720	Akr1c19	-3.59
9	18054	Ngp	19.92	9	171281	Acot3	-3.42
10	245195	Retnlq	16.21	10	53376	Usp2	-3.16
11	20862	Stfa2	14.92	11	19734	Rgs16	-3.15
12	21946	Pglyrp1	11.47	12	22359	Vldlr	-3.01
13	50701	Ela2	8.67	13	381530	Mup20	-3.00
14	213002	Ifitm6	7.72	14	67442	Retsat	-2.96
15	20861	Stfa1	6.88	15	229599	Gm129	-2.87
16	319171	Hist1h2ao	6.01	16	171282	Acot4	-2.72
17	231507	Plac8	5.64	17	13074	Cyp17a1	-2.70
18	11857	Arhgdib	5.60	18	98952	Fam102a	-2.65
19	433016	Gm5483	5.49	19	19049	Ppp1r1b	-2.58
20	11690	Alox5ap	5.40	20	18631	Pex11a	-2.57
21	16819	Lcn2	5.40	21	13087	Cyp2a5	-2.55
22	319173	Hist1h2af	5.35	22	26557	Homer2	-2.52
23	20200	S100a6	5.21	23	76654	Upp2	-2.50
24	319191	Hist1h2ai	5.16	24	69083	Sult1c2	-2.50
25	1840	Orm2	5.16	25	236060	LOC236060	-2.44
26	14289	Fpr2	5.13	26	217843	Unc79	-2.43
27	69134	Fam25c	4.99	27	16780	Lamb3	-2.38
28	68891	Cd177	4.83	28	21877	Tk1	-2.36
29	319170	Hist1h2an	4.83	29	27273	Pdk4	-2.36
30	58218	Trem3	4.79	30	71562	Afmid	-2.33
31	170813	Ms4a3	4.70	31	11671	Aldh3a2	-2.23
32	20208	Saa1	4.45	32	225994	BC016495	-2.23
33	68922	Dnaic1	4.43	33	83961	Nrg4	-2.22
34	20195	S100a11	4.39	34	21743	Inmt	-2.21
35	20527	Slc2a3	4.36	35	109900	Asl	-2.20
36	17972	Ncf4	4.32	36	26378	Decr2	-2.20
37	319165	Hist1h2ad	4.24	37	19885	Rorc	-2.19
38	321018	Serpina4-ps1	4.20	38	64898	Lpin2	-2.17
39	100044164	LOC100044164	4.04	39	244152	Tsku	-2.17
40	20775	Sqle	3.94	40	56338	Txnip	-2.14
41	19267	Ptpre	3.85	41	14373	G0s2	-2.14
42	12721	Coro1a	3.85	42	18627	Per2	-2.13
43	102910	Armch4	3.74	43	71706	Slc46a3	-2.12
44	20343	Sell	3.65	44	277010	Marveld1	-2.12
45	100039751	Gm16422	3.60	45	67876	Coq10b	-2.11
46	230558	C8a	3.50	46	235674	Acaa1b	-2.11
47	68713	Ifitm1	3.50	47	13089	Cyp2b13	-2.10
48	17110	Lyz	3.49	48	319476	Lrtm1	-2.10
49	23833	Cd52	3.41	49	18551	Pcsk4	-2.09
50	12986	Csf3r	3.33	50	227393	Gm1833	-2.08
51	12765	Il8rb	3.33	51	100047579	LOC100047579	-2.07
52	328780	Prss34	3.33	52	13108	Cyp2g1	-2.07
53	104183	Chi3l4	3.27	53	226744	Cnst	-2.06
54	53877	Ear4	3.27	54	18984	Por	-2.06
55	18022	Nfe2	3.26	55	100213	Rusc2	-2.06
56	17395	Mmp9	3.23	56	12577	Cdkn1c	-2.05
57	100689	Spon2	3.22	57	20216	Acsn3	-2.05

58	12702	Socs3	3.22	58	114664	Hsd17b11	-2.03
59	12655	Chi3l3	3.20	59	12350	Car3	-2.02
60	13587	Ear2	3.14	60	17380	Mme	-2.01
61	93719	Ear6	3.12	61	12401	Serpina6	-2.01
62	246691	Prok1	3.08	62	216134	Pdxk	-2.01
63	20660	Sorl1	3.07	63	245038	Dclk3	-2.00
64	666559	Gm8163	3.03				
65	100047827	LOC100047827	3.01				
66	17105	Lyz2	3.00				
67	17837	Mug2	2.97				
68	53876	Ear3	2.97				
69	20219	Apcs	2.96				
70	15186	Hdc	2.94				
71	12962	Crybb3	2.92				
72	100039346	Gm2174	2.91				
73	14134	Fcnb	2.88				
74	19659	Rbp1	2.87				
75	14825	Cxcl1	2.85				
76	268700	LOC268700	2.84				
77	18746	Pkm2	2.82				
78	100034684	BC100530	2.80				
79	13649	Egfr	2.79				
80	19354	Rac2	2.78				
81	110794	Cebpe	2.76				
82	319202	1200016E24Rik	2.75				
83	14727	Gp49a	2.72				
84	11867	Arpc1b	2.72				
85	20555	Slfn1	2.72				
86	234199	Fgl1	2.72				
87	66961	Neat1	2.71				
88	668181	Ncf2-rs	2.71				
89	50501	Prok2	2.71				
90	26877	B3galt1	2.70				
91	246277	Csad	2.68				
92	384009	Glpr2	2.68				
93	677289	Gm14492	2.67				
94	74145	F13a1	2.66				
95	74754	Dhcr24	2.66				
96	331535	Serpina7	2.64				
97	17916	Myo1f	2.63				
98	12274	C6	2.62				
99	433470	AA467197	2.61				
100	57349	Ppbp	2.61				
101	98386	Lbr	2.58				
102	665235	Gm7547	2.58				
103	22177	Tyrobp	2.58				
104	235712	Mrgpra2	2.57				
105	15129	Hbb-b1	2.57				
106	16854	Lgals3	2.54				
107	100045280	LOC100045280	2.54				
108	433476	Gm14044	2.52				
109	245892	GM1854	2.52				
110	29811	Ndrp2	2.51				
111	53313	Atp2a3	2.50				
112	16176	Il1b	2.49				
113	11745	Anxa3	2.49				
114	12279	C9	2.46				
115	74117	Actr3	2.45				
116	12306	Anxa2	2.44				
117	319169	Hist1h2ak	2.44				

118	67855	Asprv1	2.44
119	13723	Emb	2.43
120	69638	Enho	2.40
121	640530	Gm7298	2.40
122	233406	Prc1	2.40
123	17345	Mki67	2.39
124	110172	Slc35b1	2.38
125	19035	Ppib	2.38
126	67705	1810058I24Rik	2.38
127	17067	Ly6c1	2.37
128	72042	Cotl1	2.37
129	246707	Emilin2	2.37
130	319176	Hist2h2ac	2.37
131	13167	Dbi	2.37
132	635470	Gm14407	2.35
133	20848	Stat3	2.34
134	227929	Cytip	2.33
135	16995	Ltb4r1	2.33
136	15019	H2-Q8	2.31
137	20345	Selpig	2.31
138	16426	Itih3	2.31
139	16792	Laptn5	2.30
140	270198	Pfkfb4	2.30
141	170733	Klra17	2.30
142	66175	Mustn1	2.30
143	380712	Tlcd2	2.29
144	19241	Tmsb4x	2.29
145	54353	Skap2	2.29
146	100034251	Gm11428	2.27
147	16427	Itih4	2.26
148	212032	Hk3	2.26
149	226594	Rcsd1	2.26
150	381561	LOC381561	2.25
151	231805	Pilra	2.25
152	72007	Fndc3b	2.24
153	668038	Gm8940	2.24
154	100043527	Gm10443	2.24
155	54683	Prdx5	2.24
156	14131	Fcgr3	2.23
157	14191	Fgr	2.23
158	17988	Ndrp1	2.22
159	71756	Cpn2	2.21
160	100045680	LOC100045680	2.21
161	105171	Arrdc3	2.20
162	71819	Kif23	2.19
163	20491	Sla	2.19
164	15331	Hmgn2	2.19
165	13121	Cyp51	2.19
166	433712	Rpsa-ps11	2.19
167	15458	Hpx	2.17
168	16859	Lgals9	2.16
169	100044439	LOC100044439	2.16
170	20661	Sort1	2.16
171	14685	Gnat1	2.16
172	110382	C8b	2.16
173	18140	Uhrf1	2.15
174	319168	Hist1h2ah	2.15
175	231368	Gm4866	2.15
176	73723	Sh3bgrl3	2.15
177	100042405	Gm10282	2.15

178	18301	Fxyd5	2.14
179	108687	Edem2	2.14
180	68342	Ndufb10	2.13
181	338365	Slc41a2	2.13
182	76933	Ifi27	2.12
183	21810	Tgfb1	2.12
184	228966	Ppp1r3d	2.11
185	21991	Tpi1	2.11
186	12007	Azgp1	2.11
187	26367	Ceacam2	2.10
188	97165	Hmgb2	2.09
189	110208	Pgd	2.08
190	211666	Mgst2	2.08
191	102545	Cmtm7	2.08
192	54710	Hs3st3b1	2.07
193	76448	2310014H01Rik	2.06
194	19261	Sirpa	2.06
195	225134	Gm4833	2.06
196	100045668	Gm10362	2.05
197	29875	Iqgap1	2.04
198	20211	Saa4	2.04
199	171567	Nme7	2.04
200	14276	Folr2	2.04
201	16498	Kcnab2	2.03
202	20702	Serpina1c	2.03
203	76709	Arpc2	2.03
204	27261	Dok3	2.02
205	629595	Gm6988	2.02
206	50762	Fbxo6	2.02
207	671641	Gm10063	2.01
208	16644	Kng1	2.01
209	63986	Gmfg	2.00

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TH/SH Liver Gene List

No	Entrez_Gene_ID	Symbol	TH/SH.fc	No	Entrez_Gene_ID	Symbol	TH/SH.fc
1	20202	S100a8	87.64	1	94179	Krt23	-8.03
2	20208	S100a9	77.82	2	19734	Rgs16	-3.76
3	17067	Ltf	50.40	3	13119	Cyp4a14	-3.45
4	17709	Mpo	39.93	4	100044218	LOC100044218	-3.21
5	19200	Prtn3	29.58	5	26897	Acot1	-2.96
6	12796	Camp	27.64	6	15902	Idb2	-2.58
7	13035	Ctsg	26.70	7	13074	Cyp17a1	-2.56
8	18140	Ngp	24.31	8	22359	Vldlr	-2.50
9	19152	Prg2	20.88	9	171281	Acot3	-2.48
10	21346	Stfa2	16.84	10	66438	Hamp2	-2.48
11	246277	Retnlg	16.01	11	76487	Ppp1r3g	-2.47
12	21973	Pglyrp1	14.11	12	668215	1500017E21Rik	-2.35
13	50908	Ela2	12.94	13	69083	Sult1c2	-2.33
14	16852	Lcn2	10.98	14	12577	Cdkn1c	-2.33
15	214403	Ifitm6	9.74	15	319476	Lrtm1	-2.30
16	18727	Orm2	9.60	16	381530	Mup2085	-2.28
17	20862	Stfa1	7.83	17	67442	Retsat	-2.23
18	20211	Saa1	7.19	18	12053	Bcl6	-2.18
19	231805	Plac8	6.92	19	21743	Inmt	-2.18
20	12654	Chi3l1	6.83	20	11671	Aldh3a2	-2.09
21	68922	Cd177	6.16	21	226143	Cyp2c44	-2.09
22	319168	Hist1h2ad	6.06	22	109900	Asl	-2.05
23	319176	Hist1h2af	6.03	23	432720	Akr1c19	-2.05
24	14289	Fpr2	6.03	24	67460	Decr1	-2.05
25	11690	Alox5ap	6.01	25	105833	Ccdc65	-2.05
26	11857	Arhgdib	5.82	26	69219	Ddah1	-2.04
27	433470	Gm5483	5.80	27	13089	Cyp2b13	-2.03
28	319171	Hist1h2an	5.59	28	13087	Cyp2a5	-2.03
29	319173	Hist1h2ao	5.56	29	109901	Ela1	-2.03
30	20201	S100a6	5.54	30	103140	Gstt3	-2.03
31	171567	Ms4a3	5.52	31	73447	Wdr13	-2.02
32	66107	Trem3	5.41	32	12350	Car3	-2.01
33	319202	Hist1h2ai	4.83	33	84112	Sucnr1	-2.01
34	18022	Ncf4	4.64	34		D930024N12Rik	-2.00
35	20200	S100a11	4.44				
36	19354	Ptpre	4.40				
37	109552	Chi3l4	4.28				
38	20660	Slpi	4.19				
39	100041864	Gm16422	4.02				
40	13587	Ear2	3.93				
41	20345	Sell	3.91				
42	12986	Csf3r	3.91				
43	20555	Slc2a3	3.88				
44	12655	Chi3l3	3.81				
45	12721	Coro1a	3.80				
46	18054	Nfe2	3.79				
47	16819	Lbp	3.78				
48	100047827	LOC100045680	3.78				
49	23882	Cd52	3.73				
50	12765	Il8rb	3.72				
51	246691	Csad	3.70				

52	70361	Fam25c	3.66
53	329076	Prss34	3.60
54	231368	C8a	3.53
55	18406	Orm1	3.46
56	68891	Ifitm1	3.46
57	17972	Myo1f	3.44
58	29875	Ndrp2	3.44
59	104183	Armcx4	3.44
60	100039346	BC100530	3.40
61	15186	Hdc	3.40
62	14134	Fcnb	3.35
63	17110	Lyz2	3.34
64	17119	Lyz	3.33
65	11867	Arpc1b	3.29
66	76448	Dhcr24	3.29
67	328780	1200016E24Rik	3.27
68	235712	Fgl1	3.26
69	20343	Apcs	3.26
70	74754	F13a1	3.25
71	69134	Dnaic1	3.24
72	100039751	Gm2174	3.22
73	100047935	LOC100047827	3.20
74	53877	Ear3	3.17
75	18817	Pkm2	3.15
76	54353	Ear4	3.12
77	20848	Sqle	3.09
78	74145	Actr3	3.08
79	97165	Ear6	3.07
80	67248	Neat1	3.04
81	55949	Hs3st3b1	3.04
82	20195	Rbp1	3.02
83	270037	LOC268700	3.01
84	17523	Mmp9	2.99
85	50701	Prok2	2.92
86	19659	Rac2	2.91
87	16970	Lgals3	2.87
88	15019	H2-Q8	2.86
89	246707	Prok1	2.85
90	668899	GM1820	2.84
91	14727	Gp49a	2.84
92	102545	Lbr	2.80
93	671641	Gm14044	2.80
94	237361	Mrgpra2	2.79

95	665281	Gm7547	2.79
96	17105	Ly6c1	2.77
97	433712	AA467197	2.77
98	20446	Selplg	2.74
99	20568	Sfn1	2.73
100	20700	Sorl1	2.72
101	230558	Cytip	2.70
102	17002	Ltb4r1	2.68
103	53876	Atp2a3	2.66
104	14131	Fcgr3	2.65
105	26367	Gadd45g	2.65
106	14381	G6pdx	2.64
107	13723	Emb	2.64
108	16792	Krt8	2.64
109	16498	Itih4	2.64
110	11745	Anxa3	2.63
111	226652	Rcsd1	2.63
112	668038	Gm8163	2.63
113	268700	Emilin2	2.62
114	665235	Gm7298	2.62
115	234199	Prc1	2.61
116	18301	Uhrf1	2.60
117	22017	Tpi1	2.59
118	11911	Atf4	2.58
119	625054	Rpsa-ps11	2.58
120	20527	Sla	2.58
121	100034251	Gm1449295	2.57
122	7886	Myh9	2.57
123	16803	Laptn5	2.57
124	384009	LOC381561	2.56
125	15129	Hbb-b1	2.55
126	319191	Hist2h2ac	2.55
127	100045680	LOC100045668	2.55
128	22330	Tyrbp	2.55
129	640530	Gm14407	2.54
130	100048508	Gm15500	2.54
131	71819	Cpn2	2.54
132	100043527	Gm10282	2.51
133	380924	Tlcd2	2.50
134	54710	Prdx5	2.49
135	15481	Hspa8	2.49
136	17395	Mki67	2.49
137	12007	Azgp1	2.46

138	93673	Ifi27	2.44
139	271505	Pfkfb4	2.43
140	20861	Stat3	2.43
141	11674	Aldoa	2.43
142	15458	Hpx	2.43
143	15331	Hmgn2	2.42
144	226594	Gm4833	2.42
145	677289	Gm10063	2.41
146	12702	Socs3	2.41
147	16419	Il1b	2.40
148	16427	Itih3	2.40
149	20715	Serpina1c	2.40
150	114644	Cebpe	2.39
151	14962	Cfb	2.39
152	13649	Egfr	2.38
153	100044439	Gm10443	2.38
154	72007	Kif23	2.37
155	231507	Gm4866	2.37
156	16644	Napsa	2.36
157	15516	Hsp90ab1	2.36
158	100045668	LOC100045280	2.36
159	632667	LOC632022	2.36
160	17837	Mt1	2.36
161	14825	Cxcl1	2.35
162	27053	B3galt1	2.35
163	16019	Igh-6	2.35
164	170733	Slc13a3	2.34
165	71756	Mettl7b	2.33
166	19074	Ppib	2.32
167	68342	Asprv1	2.32
168	20219	Saa4	2.31
169	380692	Pramel4	2.29
170	12700	Cish	2.29
171	21881	Tgfb1	2.28
172	233406	Pilra	2.28
173	16691	Kng1	2.28
174	433016	Glipr2	2.28
175	19267	Sirpa	2.27
176	68713	Ndufb10	2.27
177	227731	Arhgap30	2.26
178	21991	Top2a	2.26
179	18405	Fxyd5	2.25
180	54630	Skap2	2.25

181	11808	Apoa4	2.25
182	632022	Gm6988	2.25
183	213002	Hk3	2.25
184	277856	Gm5064	2.25
185	54683	Prickle3	2.25
186	72141	Cotl1	2.25
187	76933	Lrg1	2.25
188	16426	Itgb5	2.24
189	19035	Plk1	2.24
190	20491	St6galnac2	2.24
191	12306	Anxa2	2.23
192	93719	Cml2	2.23
193	76808	Arpc2	2.22
194	98386	Hmgb2	2.22
195	17210	Mxd1	2.21
196	22628	Vim	2.21
197	71664	Lman1	2.20
198	16988	Lrmp	2.20
199	20775	Serpina3g	2.20
200	12269	C4bp	2.19
201		LOC100048508	2.19
202	100042405	Gm3552	2.19
203	74117	Sh3bgrl3	2.19
204	66175	1100001G20Rik	2.19
205	100034684	Gm1142871	2.19
206	72042	Fndc3b	2.19
207	15598	Iap	2.18
208	14159	Fes	2.18
209	53313	Ppp1r10	2.18
210	58218	Ppbbp	2.18
211	319165	LOC277856	2.17
212	17748	COX2	2.17
213	16854	Lgals1	2.17
214	14678	Gnai2	2.16
215	16995	Lst1	2.16
216	50501	Iqgap1	2.16
217	14619	Gjb2	2.16
218	170813	Klra17	2.15
219	12896	Cpt2	2.15
220	14964	H2-D1	2.15
221	225134	Gm4788	2.15
222	52040	C1s	2.15
223	629595	Gm6548	2.14

224	227929	Slc25a25	2.14
225	18746	Pira4	2.13
226	16541	Kcnab2	2.13
227	110172	Sri	2.12
228	72391	Tram1	2.12
229	212032	Mgst2	2.12
230	17916	Mug2	2.12
231	26459	Ceacam2	2.12
232	22177	Tpmt	2.12
233	380712	LOC380692	2.12
234	76709	2310014H01Rik	2.11
235	110794	Pgd	2.11
236	21946	Tkt	2.11
237	72265	Adpgk	2.11
238	67855	1810058I24Rik	2.10
239	347709	LOC329076	2.10
240	14191	Fgr	2.10
241	668181	Gm8940	2.10
242	57349	Eef1b2	2.09
243	319170	Hist1h2ah	2.09
244	16071	Ighm	2.09
245	666559	Gm7567	2.09
246	270198	LOC270037	2.09
247	635470	LOC632667	2.08
248	66259	Sc4mol	2.08
249	110208	Slc35b1	2.08
250	20702	Serpina1a	2.08
251	13200	Ddost	2.08
252	16176	Igkc	2.07
253	100045280	LOC100044439	2.07
254	102910	Cmtm7	2.07
255	14268	Fn1	2.07
256	211666	Nme7	2.06
257	13057	Cyba	2.06
258	76905	Rpl18a	2.06
259	66234	Mustn1	2.06
260	12279	C9	2.06
261	15016	H2-Q5	2.06
262	12274	C6	2.06
263	13370	Dio1	2.06
264		E430033B07Rik	2.05
265	14376	Ganab	2.04
266	15439	Hp	2.04

267	23833	Ywhag	2.04
268	17345	Mcm5	2.03
269	66961	Scotin	2.03
270	67705	Rpl39	2.02
271	17218	Mcl1	2.02
272	66940	Camk2n1	2.02
273	19261	Pstpip1	2.02
274	381561	Olfm4	2.02
275	26877	Slc27a5	2.01
276	29811	Asns	2.01
277	21810	Tagln2	2.01
278	245195	Rpl27a-ps1	2.01
279	73723	Cdkn3	2.00
280	22352	Vcl	2.00

TC/SC Lung Gene List

No	Entrez_Gene_I	Symbol	TC/SC.fc	No	Entrez_Gene_II	Symbol	TC/SC.fc
1	20862	Stfa2	138.61	1	100044218	LOC100044218	-8.46
2	18054	Ngp	135.15	2	13119	Cyp4a14	-4.76
3	12796	Camp	94.03	3	17842	Mup3	-3.73
4	20861	Stfa1	74.96	4	17841	Mup2	-3.65
5	433016	Gm5483	61.31	5	17840	Mup1	-3.46
6	50501	Prok2	55.36	6	13106	Cyp2e1	-3.01
7	213002	Ifitm6	50.48	7	620807	Mup6	-2.98
8	19074	Prg2	42.28	8	28253	Slco1b2	-2.95
9	245195	Retnlg	35.22	9	11807	Apoa2	-2.83
10	235712	Mrgpra2	29.36	10	13096	Cyp2c37	-2.74
11	17395	Mmp9	24.68	11	107141	Cyp2c50	-2.68
12	100034684	BC100530	20.79	12	26458	Slc27a2	-2.67
13	12765	Il8rb	20.32	13	230857	Ece1	-2.56
14	17523	Mpo	19.07	14	13089	Cyp2b13	-2.49
15	58218	Trem3	18.61	15	100043194	Sult2a2	-2.45
16	100034251	Gm1142871	18.25	16	84506	Hamp	-2.43
17	433470	AA467197	18.06	17		mtDNA_ND4L	-2.34
18	20201	S100a8	17.43	18	11668	Aldh1a1	-2.29
19	68891	Cd177	16.89	19	227231	Cps1	-2.29
20	170733	Klra17	16.72	20	11808	Apoa4	-2.23
21	21946	Pglyrp1	15.23	21	13094	Cyp2b9	-2.22
22	20202	S100a9	15.00	22	319202	1200016E24Rik	-2.21
23	328780	Prss34	14.12	23	18627	Per2	-2.20
24	16176	Il1b	13.79	24	21824	Thbd	-2.19
25	380924	Olfm4	13.63	25	18626	Per1	-2.18
26	16995	Ltb4r1	13.03	26	13087	Cyp2a5	-2.18
27	17002	Ltf	12.62	27	231396	Ugt2b36	-2.18
28	223653	LOC223653	12.22	28	76279	Cyp2d26	-2.17
29	13035	Ctsg	11.98	29	76477	Pcolce2	-2.17
30	14727	Gp49a	11.87	30	16601	Klf9	-2.16
31	18022	Nfe2	11.60	31	235674	Acaa1b	-2.16
32	19152	Prtn3	11.03	32	11720	Mat1a	-2.15
33	11690	Alox5ap	10.43	33	12007	Azgp1	-2.14
34	17972	Ncf4	10.42	34	12401	Serpina6	-2.14
35	100044439	LOC100044439	10.18	35	171567	Nme7	-2.13
36	54722	Dfna5h	10.09	36	223337	Ugt3a2	-2.11
37	20555	Slfn1	9.82	37	68662	Scgb3a1	-2.05
38	378425	Nlrp12	9.71	38	12161	Bmp6	-2.04
39	12986	Csf3r	9.40	39	104776	Aldh6a1	-2.04
40	227659	Slc2a6	9.29	40	104798	E030019B13Rik	-2.03
41	227288	Il8ra	9.26	41	14219	Ctgf	-2.02
42	246707	Emilin2	9.06	42	17936	Nab1	-2.01
43	21946	Pglyrp	9.02				
44	93719	Ear6	8.94				
45	17474	Clec4d	8.93				
46	16178	Il1r2	8.77				
47	12489	Cd33	8.69				
48	20527	Slc2a3	8.52				
49	237159	BC024537	8.47				
50	381484	Gm5150	8.20				
51	228966	Ppp1r3d	7.83				
52	212032	Hk3	7.77				
53	14191	Fgr	7.59				
54	18726	Pira3	7.38				
55	56619	Clec4e	7.27				
56	53945	Slc40a1	7.27				
57	18727	Pira4	7.19				

58	404236	Mrgpra7	6.94
59	19354	Rac2	6.90
60	72054	Cyp4f18	6.87
61	20210	Saa3	6.69
62	69189	1810033B17Rik	6.64
63	16365	Irg1	6.60
64	14289	Fpr2	6.56
65	100041137	Gm15930	6.56
66	16819	Lcn2	6.55
67	73988	4930438A08Rik	6.52
68	246746	Cd300lf	6.50
69	72141	Adpgk	6.49
70	16988	Lst1	6.42
71	18413	Osm	6.41
72	52024	Ankrd22	6.38
73	408196	Gm5416	6.35
74	18725	Pira2	6.25
75	16415	Itgb2l	6.25
76	20343	Sell	6.23
77	27261	Dok3	6.20
78	76905	Lrg1	6.16
79	100046232	LOC100046232	5.99
80	320832	Sirpb1	5.99
81	107934	Celsr3	5.88
82		C430015A10Rik	5.79
83		LOC218617	5.77
84	384009	Glipr2	5.77
85	20345	Selpg	5.73
86	232714	Mgam	5.73
87	50930	Tnfsf14	5.70
88	246256	Fcgr4	5.63
89	19200	Pstpip1	5.52
90	54483	Mefv	5.48
91	50498	Ebi3	5.47
92	320495	Ipcef1	5.40
93	50701	Ela2	5.30
94	17916	Myo1f	5.14
95	23833	Cd52	5.11
96	14381	G6pdx	5.10
97	68713	Ifitm1	5.06
98	22177	Tyrobp	5.04
99	58217	Trem1	5.04
100	21899	Tlr6	5.02
101	18724	Pira11	4.96
102	27361	Sepx1	4.85
103	171504	Apob48r	4.85
104	240047	Mmp25	4.76
105	14134	Fcnb	4.63
106	381417	Gm14085	4.62
107	233079	Ffar2	4.60
108	13034	Ctse	4.59
109	15186	Hdc	4.49
110	12702	Socs3	4.45
111	26415	Mapk13	4.44
112	20375	Sfpi1	4.31
113	22324	Vav1	4.28
114	216445	Arhgap9	4.23
115	110794	Cebpe	4.22
116	74191	P2ry13	4.21
117	17119	Mxd1	4.19

118	223920	Soat2	4.15
119	12721	Coro1a	4.14
120	14131	Fcgr3	4.14
121	67855	Asprv1	4.09
122	231805	Pilra	4.08
123	382062	AB124611	4.07
124	231507	Plac8	4.03
125	11689	Alox5	4.00
126	229687	Bclp2	3.97
127	15163	Hcls1	3.97
128	11857	Arhgdib	3.96
129	66107	1100001G20Rik	3.94
130	320148	B430306N03Rik	3.94
131	74039	Nfam1	3.93
132	21897	Tlr1	3.91
133	18722	Pira1	3.90
134	74116	Pi16	3.87
135	378460	Pram1	3.86
136	14159	Fes	3.84
137	677289	MUSG00000043795	3.78
138	279572	Tlr13	3.75
139	18826	Lcp1	3.71
140	14728	Lilrb4	3.70
141	23900	Hcst	3.67
142	18173	Slc11a1	3.64
143	110095	Pygl	3.62
144	170741	Pilrb1	3.57
145	80910	Gpr84	3.54
146	12659	Ovgp1	3.53
147	330635	3830612M24	3.53
148	21810	Tgfb1	3.51
149	14537	Gcnt1	3.50
150	77974	Rdh12	3.49
151	18574	Pde1b	3.49
152	677008	LOC677008	3.47
153	12363	Casp4	3.47
154	20351	Sema4a	3.47
155	59047	Pnkp	3.46
156	230787	BC013712	3.46
157	16906	Lmnb1	3.45
158	381957	LOC381957	3.44
159	63986	Gmfg	3.44
160	67742	Samsn1	3.44
161	97165	Hmgb2	3.43
162	193385	Fam65b	3.41
163	246728	Oas2	3.40
164	216869	Arrb2	3.39
165	17969	Ncf1	3.37
166	245126	Tarm1	3.36
167	12493	Cd37	3.35
168	171207	Arhgap4	3.34
169	54354	Rassf5	3.34
170	435626	Rufy4	3.33
171	18707	Pik3cd	3.30
172	11847	Arg2	3.29
173	15170	Ptpn6	3.28
174	20344	Selp	3.27
175	270152	Amica1	3.26
176	72042	Cotl1	3.25
177	80283	Abtb1	3.24

178	320782	Tmem154	3.23
179	13197	Gadd45a	3.23
180	71607	Snx20	3.20
181	13496	Arid3a	3.19
182	11501	Adam8	3.18
183	231655	Oasl1	3.18
184	16477	Junb	3.16
185	20359	Sema6b	3.16
186	170813	Ms4a3	3.15
187	242050	Igsf10	3.13
188	230279	6330416G13Rik	3.10
189	109284	C030046I01Rik	3.10
190	12581	Cdkn2d	3.10
191	93692	Glrx	3.09
192	16952	Anxa1	3.09
193	22271	Upp1	3.07
194	54672	Gpr97	3.07
195	269346	Slc28a2	3.05
196	21816	Tgm1	3.04
197	70785	Dennd1c	3.04
198	30955	Pik3cg	3.04
199	69769	Tnfaip8l2	3.04
200	16408	Itgal	3.02
201	394432	Ugt1a7c	3.01
202	98267	Stk17b	3.00
203	21928	Tnfaip2	2.99
204	101602	AI467606	2.99
205	12122	Bid	2.98
206	74145	F13a1	2.97
207	18751	Prkcb	2.96
208	234779	Plcg2	2.95
209	319173	Hist1h2af	2.91
210	54519	Apbb1ip	2.91
211	16172	Il17ra	2.89
212	67844	Rab32	2.88
213	94346	Tmem40	2.88
214	16822	Lcp2	2.88
215	319165	Hist1h2ad	2.87
216	319191	Hist1h2ai	2.87
217	12523	Cd84	2.86
218	20556	Sfn2	2.83
219	23880	Fyb	2.82
220	17970	Ncf2	2.82
221	224860	Plcl2	2.82
222	73690	Glipr1	2.81
223	94282	Sfxn5	2.77
224		E330009F12Rik	2.77
225	78816	Gmip	2.76
226	319171	Hist1h2ao	2.75
227	207728	Pde2a	2.75
228	16970	Lrmp	2.74
229	22239	Ugt8a	2.74
230	12772	Ccr2	2.73
231	14038	Expi	2.72
232	22376	Was	2.72
233	442827	Rab44	2.71
234	72318	Cyth4	2.71
235	16994	Ltb	2.71
236	66168	Grina	2.71
237	23960	Oas1g	2.69

238	270198	Pfkfb4	2.67
239	237256	Zc3h12d	2.67
240	100045967	LOC100045967	2.66
241	18602	Padi4	2.65
242	11542	Adora3	2.65
243	100048461	LOC100048461	2.65
244	21351	Taldo1	2.65
245	216161	Sbno2	2.64
246	270151	Nlr1	2.64
247	14125	Fcer1a	2.64
248	16869	Lhx1	2.64
249	232201	Arhgap25	2.63
250	102545	Cmtm7	2.61
251	218581	Depdc1b	2.60
252		F630107L03Rik	2.60
253	16409	Itgam	2.60
254	66775	Ptplad2	2.59
255	21985	Tpd52	2.58
256	243025	Tmem156	2.58
257	54683	Prdx5	2.57
258	105855	Nckap1l	2.57
259	380732	Gm885	2.56
260	110208	Pgd	2.55
261	56722	Litaf	2.55
262	12982	Csf2ra	2.55
263	243910	Nfkbid	2.54
264	16181	Il1rn	2.54
265	380711	Garnl4	2.54
266	11867	Arpc1b	2.54
267	319742	Mpzl3	2.53
268	56212	Rhog	2.52
269	57778	Fmn1	2.52
270	18636	Cfp	2.52
271	17874	Myd88	2.52
272	66222	Serpinb1a	2.51
273	381232	5830416P10Rik	2.50
274	68774	Ms4a6d	2.50
275	71532	9030418K01Rik	2.49
276	70719	Hmha1	2.49
277	66330	1700020L24Rik	2.49
278		D630016P04Rik	2.49
279	57912	Cdc42se1	2.49
280	53856	Prg3	2.48
281	64099	Parvg	2.47
282	228608	Smox	2.47
283	14017	Evi2a	2.47
284	219140	Spata13	2.46
285	100182	Akna	2.46
286	219144	Arl11	2.46
287	12229	Btk	2.45
288	234577	Cpne2	2.45
289	17345	Mki67	2.44
290	56644	Clec7a	2.44
291	108072	Grm6	2.43
292	23845	Clec5a	2.43
293	225049	Ttc7	2.43
294	100046578	LOC100046578	2.43
295	70155	Ogfrl1	2.42
296	76432	2310001H17Rik	2.42
297	72391	Cdkn3	2.41

298	59052	Mettl9	2.41
299	18301	Fxyd5	2.41
300	269799	Clec4a1	2.41
301	12169	Bmx	2.40
302	246727	Oas3	2.39
303	433638	I830077J02Rik	2.39
304	100042405	Gm10282	2.38
305	100045877	LOC100045877	2.37
306	11810	Apobec1	2.37
307	110197	Dgkg	2.37
308	72125	Fam123a	2.37
309	11891	Rab27a	2.36
310	66994	1500031L02Rik	2.36
311	12445	Ccnd3	2.35
312	12983	Csf2rb	2.35
313	66151	Prr13	2.35
314	20284	Scrg1	2.35
315	20525	Slc2a1	2.35
316	14064	F2rl2	2.35
317	226652	Arhgap30	2.34
318	224109	Lrrc33	2.34
319	270084	Lpcat2	2.34
320	319170	Hist1h2an	2.34
321	100047827	LOC100047827	2.34
322		5830496L11Rik	2.33
323	17454	Mov10	2.32
324	12505	Cd44	2.32
325	18817	Plk1	2.31
326	56045	Samhd1	2.31
327	22778	Ikzf1	2.30
328	107375	Slc25a45	2.30
329	381201	Gm962	2.29
330	244416	Ppp1r3b	2.28
331	14067	F5	2.28
332	71819	Kif23	2.28
333	414801	Itprp	2.28
334	227960	Gca	2.26
335	16174	Il18rap	2.25
336	319176	Hist2h2ac	2.25
337	13449	Dok2	2.24
338	74603	Cd200r3	2.24
339		E430021P16Rik	2.24
340	24088	Tlr2	2.24
341	13806	Eno1	2.23
342	23853	Def6	2.22
343	14433	Gapdh	2.22
344	12051	Bcl3	2.22
345	12763	Cmah	2.22
346	72244	1600014C10Rik	2.22
347	65221	Slc15a3	2.22
348	20303	Ccl4	2.22
349	19876	Robo1	2.21
350	12802	Cnr2	2.20
351	217303	Cd300a	2.20
352	12500	Cd3d	2.20
353	20660	Sorl1	2.19
354	338523	Jhdm1d	2.19
355	80876	Ifitm2	2.19
356	21973	Top2a	2.19
357		E030038D23Rik	2.19

358		A330040H08Rik	2.19
359	24055	Sh3bp2	2.18
360	74204	Xpo6	2.17
361	665143	Gm7514	2.16
362	11799	Birc5	2.16
363	110033	Kif22	2.16
364	381605	Tbc1d2	2.15
365	67771	Arpc5	2.15
366		C730013O11Rik	2.15
367	277360	Prex1	2.13
368	72635	Lins	2.13
369	76448	2310014H01Rik	2.13
370	72925	March1	2.12
371	20308	Ccl9	2.12
372	12257	Tspo	2.12
373	68778	1110038D17Rik	2.11
374	18746	Pkm2	2.11
375	16164	Il13ra1	2.11
376	76566	Fam101b	2.11
377	16679	Krt86	2.11
378	14252	Flot2	2.10
379	100045981	LOC100045981	2.10
380	319168	Hist1h2ah	2.10
381	13685	Eif4ebp1	2.09
382	16498	Kcnab2	2.09
383	80752	Fam20c	2.09
384	24001	Tiam2	2.09
385	74182	Prei4	2.08
386	276905	Armc7	2.08
387	12475	Cd14	2.07
388	20491	Sla	2.07
389	71398	5430427O19Rik	2.07
390	12752	Cln3	2.07
391	320078	Olfml2b	2.06
392	69166	1810018F18Rik	2.06
393	107373	4632417K18Rik	2.06
394	102595	Plekho2	2.06
395	16336	Insl3	2.06
396	237928	Phospho1	2.05
397	381420	LOC381420	2.05
398	54353	Skap2	2.05
399	100044576	LOC100044576	2.05
400	56190	Rbm38	2.05
401	12362	Casp1	2.05
402	11717	Ampd3	2.05
403	74008	Arsg	2.05
404	630146	Cd101	2.05
405	14538	Gcnt2	2.05
406	13057	Cyba	2.04
407	192192	Shkbp1	2.04
408	14130	Fcgr2b	2.04
409	268451	Rab11fip4	2.04
410	14793	Cdca3	2.04
411	170761	Pdzd3	2.04
412	68616	Gdpd3	2.03
413	319169	Hist1h2ak	2.03
414	14702	Gng2	2.03
415	20911	Stxbp2	2.03
416	100041681	Gm3471	2.03
417	52276	Cdca8	2.02

418	241274	Pnpla7	2.02
419	414105	4732465J04Rik	2.01
420	319772	C130050O18Rik	2.01
421	106512	Gpsm3	2.01
422	108101	Fermt3	2.01
423	22248	Unc119	2.01
424	223697	Sun2	2.01
425	100039742	Gm2397	2.01
426	66540	Fam107b	2.01
427	208228	Mobkl2a	2.01
428	100689	Spon2	2.01
429	100045780	LOC100045780	2.00
430	68591	Mocos	2.00
431	16323	Inhba	2.00
432	56318	Acpp	2.00

TH/SH Lung Gene List

No	ntrez_Gene_I	Symbol	TH/SH.fc	No	ntrez_Gene_I	Symbol	TH/SH.fc
1	20862	Stfa2	195.58	1	100044218	100044218	-4.20
2	18054	Ngp	129.76	2	230899	Nppa	-3.67
3	20861	Stfa1	104.39	3	66438	Hamp2	-3.42
4	50501	Prok2	79.99	4	17842	Mup3	-3.34
5	12796	Camp	70.90	5		mtDNA_ND4L	-3.27
6	20862	Stfa2	52.88	6	68662	Scgb3a1	-3.26
7	433016	EG433016	46.25	7	11807	Apoa2	-3.06
8	20861	Stfa1	44.89	8	193740	Hspa1a	-3.05
9	50501	Prok2	42.91	9		Hbb-b1	-2.82
10	17523	Mpo	42.13	10	13096	Cyp2c37	-2.76
11	213002	Ifitm6	37.28	11	84506	Hamp	-2.76
12	19074	Prg2	34.75	12	171567	Nme7	-2.74
13	17523	Mpo	26.92	13	76477	Pcolce2	-2.67
14	235712	Mrgpra2	26.31	14	13096	Cyp2c37	-2.65
15	245195	Retnlg	22.55	15	11625	Ahsg	-2.63
16	68891	Cd177	22.47	16	13618	Ednrb	-2.62
17	100034684	BC100530	19.23	17		1200016E24Rik	-2.61
18	433470	AA467197	19.15	18	17841	Mup2	-2.59
19	17002	Ltf	18.44	19		LOC272683	-2.59
20	17395	Mmp9	18.29	20	107141	Cyp2c50	-2.59
21	58218	Trem3	15.27	21	104798	0019B13Rik	-2.56
22	100034251	0000000971	15.22	22	21824	Thbd	-2.53
23		Pglyrp1	14.73	23	70737	Cgn	-2.51
24	68891	Cd177	14.00	24	104776	Aldh6a1	-2.51
25	12765	Il8rb	13.94	25	622434	1416L12Rik	-2.51
26	380924	Olfm4	13.91	26	13518	Dst	-2.50
27	19152	Prtn3	13.43	27	27362	Dnajb9	-2.48
28	13035	Ctsg	12.69	28	12161	Bmp6	-2.45
29	170733	Klra17	11.94	29	20363	Sepp1	-2.43
30	16995	Ltb4r1	11.45	30	70273	0051E17Rik	-2.41
31	328780	Prss34	11.43	31		mt-Atp6	-2.39
32		LOC223653	10.97	32	20531	Slc34a2	-2.39
33	12986	Csf3r	10.95	33	19695	Reg3g	-2.36
34	20201	S100a8	10.44	34	100042773	100042773	-2.36
35	18022	Nfe2	10.38	35	104725	0002B05Rik	-2.34
36	68713	Ifitm1	10.08	36	231086	Hadhb	-2.34
37	17523	Mpo	10.05	37		mt-Co2	-2.33
38		Gp49a	10.01	38	15481	Hspa8	-2.33
39		Alox5ap	9.79	39	380928	Lmo7	-2.32
40		Il1b	9.69	40	11668	Aldh1a1	-2.32
41	11690	Alox5ap	9.35	41	11938	Atp2a2	-2.32
42	227288	Il8ra	9.20	42		mtDNA_ND2	-2.30
43	12986	Csf3r	8.90	43	27362	Dnajb9	-2.30
44	12489	Cd33	8.83	44	19012	Ppap2a	-2.29
45	16819	Lcn2	8.80	45	674004	LOC674004	-2.29
46	17972	Ncf4	8.79	46	269951	Idh2	-2.29
47		Pglyrp	8.76	47	230857	Ece1	-2.29
48		BC024537	8.64	48	56744	Cxcl4	-2.29
49	93719	Ear6	8.48	49	21869	Nkx2-1	-2.29
50	378425	Nlrp12	8.46	50	102866	Pls3	-2.28
51	246707	Emilin2	8.27	51	17110	Lyz1	-2.28

52	54722	Dfna5h	8.24	52	53328	Pgrmc1	-2.28
53	20555	Slfn1	8.22	53	4831437C03Rik		-2.28
54		Mela	7.67	54	13179	Dcn	-2.27
55		Emilin2	7.67	55	20191	Ryr2	-2.24
56	381484	381484	7.30	56	11658	Alcam	-2.23
57	58217	Trem1	7.28	57	18162	Npr3	-2.23
58		Clecsf9	7.20	58	100048480	100048480	-2.21
59	20210	Saa3	7.16	59	68839	Ankrd46	-2.21
60	20202	S100a9	7.14	60		AW123240	-2.20
61	2610024M03Rik		7.10	61	74030	Rin2	-2.20
62	227659	Slc2a6	7.09	62	216350	Tspan8	-2.20
63	20527	Slc2a3	7.03	63	70984	1406C07Rik	-2.20
64	53945	Slc40a1	6.97	64	20304	Ccl5	-2.19
65	100044439	100044439	6.91	65	14026	Evl	-2.18
66	16365	Irg1	6.88	66	67117	Dynlt3	-2.17
67	212032	Hk3	6.88	67	68183	Bcas2	-2.17
68	17002	Ltf	6.74	68	17936	Nab1	-2.17
69		Adpgk	6.73	69	234267	Gpm6a	-2.16
70	17474	Clec4d	6.70	70	18843	Plunc	-2.15
71	110794	Cebpe	6.62	71	69046	Isca1	-2.15
72	52024	Ankrd22	6.60	72	72333	Palld	-2.15
73	14289	Fpr2	6.58	73	269823	Pon3	-2.14
74	69189	0033B17Rik	6.53	74		mtDNA_ATP8	-2.13
75	408196	EG408196	6.47	75	16561	Kif1b	-2.12
76	4930438A08Rik		6.38	76	110842	Etfa	-2.12
77	404236	Mrgpra7	6.26	77	108927	Lhfp	-2.11
78	50930	Tnfsf14	6.26	78	26458	Slc27a2	-2.11
79	52024	Ankrd22	6.19	79	76808	Rpl18a	-2.11
80	16178	Il1r2	6.12	80	67171	Tmem77	-2.10
81	14191	Fgr	6.10	81		Myh6	-2.10
82	18727	Pira4	6.10	82	237052	Tceal1	-2.09
83	50701	Ela2	6.05	83	20671	Sox17	-2.09
84	16415	Itgb2l	5.99	84	18295	Ogn	-2.08
85	246746	Cd300lf	5.93	85	71660	Rarres2	-2.08
86	100041137	100041137	5.89	86		BC003331	-2.08
87	18725	Pira2	5.88	87	20865	0007P19Rik	-2.07
88		Mad	5.81	88	18145	Npc1	-2.07
89	56619	Clec4e	5.79	89	67963	Npc2	-2.06
90	18413	Osm	5.79	90		Myl7	-2.06
91	232714	Mgam	5.76	91		E130010M05Rik	-2.06
92	18724	Pira11	5.76	92	232087	Mat2a	-2.05
93	14381	G6pdx	5.71	93	22413	Wnt2	-2.05
94	68713	Ifitm1	5.64	94	22142	Tuba1a	-2.04
95	76905	Lrg1	5.62	95	17841	Mup2	-2.04
96	246256	Fcgr4	5.57	96	16543	Mdfic	-2.04
97		Mela	5.56	97	66860	Tanc1	-2.03
98	72054	Cyp4f18	5.53	98	13119	Cyp4a14	-2.03
99	18726	Pira3	5.52	99	11502	Adam9	-2.03
100	14134	Fcnb	5.48	100	98752	Fcrla	-2.02
101	19354	Rac2	5.47	101	56351	Ptges3	-2.02
102	107934	Celsr3	5.47	102	632230	LOC632230	-2.02
103	320832	Sirpb1	5.46	103	66885	Acadsb	-2.01
104	50498	Ebi3	5.46	104	170719	Oxr1	-2.01
105		C430015A10Rik	5.38	105	67710	Polr2g	-2.01

106	LOC218617	5.34	106	16562	Kif1c	-2.00
107	171504 Apob48r	5.26				
108	11689 Alox5	5.25				
109	54483 Mefv	5.22				
110	240047 Mmp25	5.17				
111	20345 Selplg	5.16				
112	Pilra	5.15				
113	279572 Tlr13	4.98				
114	14134 Fcnb	4.96				
115	Selpl	4.89				
116	110794 Cebpe	4.88				
117	Sepx1	4.86				
118	26415 Mapk13	4.78				
119	19200 Pstpip1	4.77				
120	27261 Dok3	4.75				
121	233079 Ffar2	4.73				
122	Lst1	4.70				
123	A130090K04Rik	4.67				
124	16365 Irg1	4.63				
125	18173 Slc11a1	4.48				
126	384009 Glpr2	4.40				
127	68713 Ifitm1	4.40				
128	77974 Rdh12	4.40				
129	223920 Soat2	4.35				
130	21899 Tlr6	4.32				
131	20343 Sell	4.32				
132	20375 Sfpi1	4.29				
133	80910 Gpr84	4.27				
134	17916 Myo1f	4.25				
135	26415 Mapk13	4.23				
136	Glpr2	4.23				
137	74191 P2ry13	4.23				
138	100046232 100046232	4.22				
139	21810 Tgfbi	4.21				
140	17523 Mpo	4.21				
141	18724 Pira11	4.19				
142	14131 Fcgr3	4.17				
143	110095 Pygl	4.11				
144	23833 Cd52	4.08				
145	50930 Tnfsf14	4.08				
146	21973 Top2a	3.99				
147	27361 Sepx1	3.99				
148	15163 Hcls1	3.95				
149	22177 Tyrobp	3.93				
150	13034 Ctse	3.92				
151	66107 0001G20Rik	3.91				
152	229687 Bclp2	3.91				
153	171504 Apob48r	3.90				
154	246728 Oas2	3.90				
155	12721 Coro1a	3.87				
156	381417 23-357i14.1	3.87				
157	18722 Pira1	3.85				
158	74116 Pi16	3.84				
159	170741 Pilrb1	3.82				

160	12721	Coro1a	3.82
161	382062	AB124611	3.81
162	11689	Alox5	3.81
163	216445	Arhgap9	3.80
164	14728	Lilrb4	3.80
165	80910	Gpr84	3.80
166	68713	Ifitm1	3.75
167	22324	Vav1	3.74
168	319171	Hist1h2ao	3.73
169	18826	Lcp1	3.68
170	319165	Hist1h2ad	3.67
171	59047	Pnkp	3.65
172		Hdc	3.64
173	16906	Lmnb1	3.61
174	21810	Tgfb1	3.61
175	12986	Csf3r	3.59
176	12721	Coro1a	3.59
177	320148	0306N03Rik	3.58
178	110095	Pygl	3.56
179	14159	Fes	3.56
180	378460	Pram1	3.55
181	12702	Socs3	3.54
182	319191	Hist1h2ai	3.52
183	230787	BC013712	3.52
184	11501	Adam8	3.50
185	216869	Arrb2	3.49
186	435626	Rufy4	3.47
187	17969	Ncf1	3.45
188	319173	Hist1h2af	3.44
189	11857	Arhgdib	3.42
190	231805	Pilra	3.42
191	54672	Gpr97	3.39
192	20359	Sema6b	3.38
193	12363	Casp4	3.38
194	74039	Nfam1	3.36
195	12122	Bid	3.36
196		Lhx1	3.35
197	245126	0000053338	3.34
198	69769	Tnfaip8l2	3.33
199	100045967	0100045967	3.33
200	11501	Adam8	3.32
201	18173	Slc11a1	3.31
202	394432	Ugt1a7c	3.31
203	20351	Sema4a	3.31
204	72391	Cdkn3	3.30
205	20344	Selp	3.29
206		LOC270152	3.28
207	67742	Samsn1	3.28
208	677289	0000043795	3.26
209	21928	Tnfaip2	3.26
210	18173	Slc11a1	3.25
211	67855	Asprv1	3.24
212	217169	Tns4	3.22
213	231507	Plac8	3.22

214	12986	Csf3r	3.21
215	22271	Upp1	3.20
216	677008	LOC677008	3.19
217	11689	Alox5	3.17
218	59047	Pnkp	3.16
219	170813	Ms4a3	3.15
220	15170	Ptpn6	3.14
221	18574	Pde1b	3.14
222		Pde1b	3.13
223	18817	Plk1	3.12
224	54672	Gpr97	3.12
225	109284	30046I01Rik	3.12
226	12659	Ovgp1	3.10
227	97165	Hmgb2	3.10
228	66168	Grina	3.09
229	110794	Cebpe	3.09
230	11799	Birc5	3.08
231	15186	Hdc	3.08
232	383061	2M24	3.07
233	12581	Cdkn2d	3.07
234	17970	Ncf2	3.07
235	72042	Cotl1	3.07
236	20359	Sema6b	3.06
237	52276	Cdca8	3.05
238	17345	Mki67	3.04
239	63986	Gmfg	3.03
240		LOC381957	3.03
241	22271	Upp1	3.01
242	71607	Snx20	3.01
243	230279	0416G13Rik	2.99
244	21897	Tlr1	2.99
245	67844	Rab32	2.99
246	320782	Tmem154	2.99
247	242050	Igsf10	2.99
248	63986	Gmfg	2.98
249	23880	Fyb	2.97
250	13197	Gadd45a	2.96
251	16952	Anxa1	2.96
252	14537	Gcnt1	2.95
253	218581	Depdc1b	2.95
254	23845	Clec5a	2.92
255	17119	Mxd1	2.90
256	269346	Slc28a2	2.89
257	23900	Hcst	2.89
258	11867	Arpc1b	2.89
259	69769	Tnfaip8l2	2.89
260	18173	Slc11a1	2.88
261	270198	Pfkfb4	2.88
262	18707	Pik3cd	2.88
263	101602	AI467606	2.88
264	54354	Rassf5	2.87
265	22271	Upp1	2.87
266	58217	Trem1	2.86
267	110033	Kif22	2.86

268	21928	Tnfaip2	2.86
269	171207	Arhgap4	2.85
270	68774	Ms4a6d	2.85
271	93692	Glrx	2.85
272	319176	Hist2h2ac	2.85
273	23960	Oas1g	2.84
274	270152	Amica1	2.84
275	14537	Gcnt1	2.84
276		Timp1	2.83
277		Pik3cg	2.83
278	80283	Abtb1	2.82
279	18602	Padi4	2.82
280	22239	Ugt8a	2.81
281	16408	Itgal	2.81
282	16409	Itgam	2.81
283	16477	Junb	2.80
284	17874	Myd88	2.79
285	78816	Gmip	2.78
286	12493	Cd37	2.78
287	244416	Ppp1r3b	2.78
288	12523	Cd84	2.77
289	11799	Birc5	2.77
290	94282	Sfxn5	2.77
291	233406	Prc1	2.76
292	21928	Tnfaip2	2.76
293	100042405	100042405	2.76
294	21857	Timp1	2.76
295	52033	Pbk	2.75
296		Pkm2	2.75
297	71819	Kif23	2.75
298	13806	Eno1	2.75
299	68743	Anln	2.74
300	21816	Tgm1	2.74
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302	13197	Gadd45a	2.72
303	193385	0500D04Rik	2.71
304	94346	Tmem40	2.70
305	78816	Gmip	2.70
306	270151	Nlr1	2.68
307		Cotl1	2.68
308		Cmkbr2	2.68
309	319168	Hist1h2ah	2.67
310		Apbb1ip	2.67
311	15170	Ptpn6	2.66
312	234779	Plcg2	2.66
313	14038	Expi	2.66
314	102545	Cmtm7	2.65
315	18751	Prkcb	2.65
316	70155	Ogfrl1	2.65
317	18405	Orm1	2.64
318	20525	Slc2a1	2.64
319	66994	0031L02Rik	2.64
320	232201	Arhgap25	2.63
321	380732	Gm885	2.62

322	319742	Mpzl3	2.62
323	6633010020L24Rik		2.62
324		Apbb1ip	2.61
325	102545	Cmtm7	2.61
326	74145	F13a1	2.60
327	12982	Csf2ra	2.60
328	12721	Coro1a	2.60
329		Lgals1	2.60
330	319170	Hist1h2an	2.59
331	231655	Oasl1	2.59
332	12534	Cdc2a	2.59
333	231655	Oasl1	2.58
334	110197	Dgkg	2.58
335	319169	Hist1h2ak	2.58
336	216161	Sbno2	2.58
337	54519	Apbb1ip	2.58
338	57778	Fmn1l	2.58
339	4428270134C10Rik		2.57
340	14017	Evi2a	2.57
341	16172	Il17ra	2.57
342	18636	Cfp	2.56
343		Arid3a	2.56
344	21985	Tpd52	2.56
345	207728	Pde2a	2.56
346	224860	Plcl2	2.55
347	E330009F12Rik		2.54
348	227960	Gca	2.53
349	30955	Pik3cg	2.53
350	243025	LOC243025	2.52
351	1933850500D04Rik		2.52
352	11847	Arg2	2.51
353	12983	Csf2rb	2.50
354		Pgd	2.50
355	59052	Mettl9	2.50
356	67771	Arpc5	2.49
357	6330500D04Rik		2.49
358	20284	Scrg1	2.49
359	11542	Adora3	2.49
360	56212	Rhog	2.49
361	21351	Taldo1	2.48
362	228608	Smox	2.47
363	66775	Ptplad2	2.47
364	14793	Cdca3	2.47
365	72318	Cyth4	2.47
366		Birc5	2.47
367	9030418K01Rik		2.46
368	56722	Litaf	2.46
369	D630016P04Rik		2.46
370	70155	Ogfrl1	2.46
371	19369	Raet1b	2.43
372	70024	Mcm10	2.43
373	270084	Lpcat2	2.43
374	18301	Fxyd5	2.43
375	105855	Nckap1l	2.43

376	14064	F2rl2	2.43
377	57912	Cdc42se1	2.43
378	53856	Prg3	2.41
379	234577	Cpne2	2.41
380	73804	Kif2c	2.40
381	107995	Cdc20	2.40
382	319191	Hist1h2ai	2.40
383	17454	Mov10	2.40
384	107995	Cdc20	2.40
385	237928	Phospho1	2.40
386	12505	Cd44	2.39
387	11810	Apobec1	2.39
388	100048461	100048461	2.39
389	70785	Dennd1c	2.38
390	228608	Smox	2.38
391	100046578	100046578	2.37
392	11717	Ampd3	2.35
393	20878	Aurka	2.35
394	14125	Fcer1a	2.35
395	12169	Bmx	2.35
396	16323	Inhba	2.34
397	12051	Bcl3	2.34
398	219144	Arl11	2.34
399	A630082K20Rik		2.34
400	226652	Arhgap30	2.34
401	107375	Slc25a45	2.34
402		Clecsf12	2.34
403	72125	0011E07Rik	2.33
404	18140	Uhrf1	2.33
405	54683	Prdx5	2.32
406	14433	Gapdh	2.32
407	18301	Fxyd5	2.32
408	80876	Ifitm2	2.32
409	F630107L03Rik		2.32
410	23845	Clec5a	2.32
411	268697	Ccnb1	2.32
412	20556	Slfn2	2.31
413	73690	Glpr1	2.31
414	243910	Nfkbid	2.31
415	98267	Stk17b	2.30
416	14067	F5	2.30
417		Lrmp	2.30
418	12752	Cln3	2.29
419		Lcp2	2.29
420	54141	Spag5	2.28
421	433638	0077J02Rik	2.28
422	319165	Hist1h2ad	2.28
423	246727	Oas3	2.28
424	22376	Was	2.28
425	C730013O11Rik		2.27
426		LOC381232	2.27
427	18746	Pkm2	2.27
428	12615	Cenpa	2.27
429		Samhd1	2.27

430	11891	Rab27a	2.26
431	24088	Tlr2	2.26
432	231510	Agpat9	2.26
433	16994	Ltb	2.26
434	380711	Garnl4	2.26
435	64099	Parvg	2.26
436	72244 0014C10Rik		2.25
437	319167	Hist1h2ag	2.25
438	224109	Lrrc33	2.25
439	12445	Ccnd3	2.24
440	414801	Itprp	2.24
441	68713	Ifitm1	2.24
442	66222	Serpib1a	2.24
443	16164	Il13ra1	2.22
444	665143 LOC665143		2.21
445	270151	Nlrp1	2.21
446	102103	Mtus1	2.20
447	17970	Ncf2	2.19
448	16679	Krt86	2.19
449	380732	Gm885	2.19
450	E030038D23Rik		2.19
451	107995	Cdc20	2.19
452	100044576 100044576		2.19
453	14017	Evi2a	2.19
454	12169	Bmx	2.18
455	16181	Il1rn	2.18
456	20491	Sla	2.18
457	A330040H08Rik		2.18
458	100182	Akna	2.17
459	16970	Lrmp	2.17
460	100047619 100047619		2.17
461	320078	Olfml2b	2.16
462	12257	Tspo	2.16
463	640739 LOC640739		2.16
464	74008	Arsg	2.16
465	66151	Prr13	2.16
466	23853	Def6	2.16
467	11867	Arpc1b	2.16
468	226652	Arhgap30	2.16
469	68591	Mocos	2.15
470	22248	Unc119	2.15
471	2310001H17Rik		2.15
472	18793	Plaur	2.14
473	117149	Tirap	2.14
474	24001	Tiam2	2.14
475	16174	Il18rap	2.14
476		Bub1b	2.14
477	319772 0050018Rik		2.14
478	12229	Btk	2.13

479	630146	LOC630146	2.13
480	66071	Ethe1	2.13
481	17218	Mcm5	2.13
482	14538	Gcnt2	2.12
483	70719	Hmha1	2.12
484	76448	0014H01Rik	2.12
485		LOC384136	2.12
486	16679	Krt86	2.12
487		Zfpn1a1	2.11
488		LOC381420	2.11
489	216161	Sbno2	2.11
490	14727	Gp49a	2.10
491	13685	Eif4ebp1	2.10
492		Cd84	2.10
493	65221	Slc15a3	2.10
494	381201	Gm962	2.10
495		Tfdp1	2.10
496	66991	0004A20Rik	2.09
497	170761	Pdzd3	2.09
498	23960	Oas1g	2.09
499	676974	LOC676974	2.09
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501	623453	LOC623453	2.09
502	208084	Pif1	2.09
503	23999	Twf2	2.09
504	108912	Cdca2	2.08
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506	18824	Plp2	2.08
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508	107373	2417K18Rik	2.07
509		Wins2	2.07
510		Trim21	2.07
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512	17219	Mcm6	2.07
513	13057	Cyba	2.06
514		1810018F18Rik	2.06
515	80752	BC004044	2.05
516	192192	Shkbp1	2.05
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520	20660	Sorl1	2.05
521	22793	Zyx	2.04

522	266632	Irak4	2.04
523	60406	Sap30	2.04
524	19369	Raet1b	2.04
525	102595	Plekho2	2.04
526		Atp8b4	2.04
527		Cmah	2.03
528	12332	Capg	2.03
529		Robo1	2.03
530	231805	Pilra	2.03
531	100041681	100041681	2.03
532	263406	Plekhg3	2.03
533	56318	Acpp	2.03
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535	108072	Grm6	2.03
536	12475	Cd14	2.03
537		LOC385870	2.03
538	66989	Kctd20	2.02
539	237256	Zc3h12d	2.02
540	269799	Clec4a1	2.02
541	217303	Cd300a	2.02
542		E430021P16Rik	2.02
543	14284	Fosl2	2.02
544	14130	Fcgr2b	2.01
545	231807	BC037034	2.01
546	20308	Ccl9	2.01
547		5830496L11Rik	2.01
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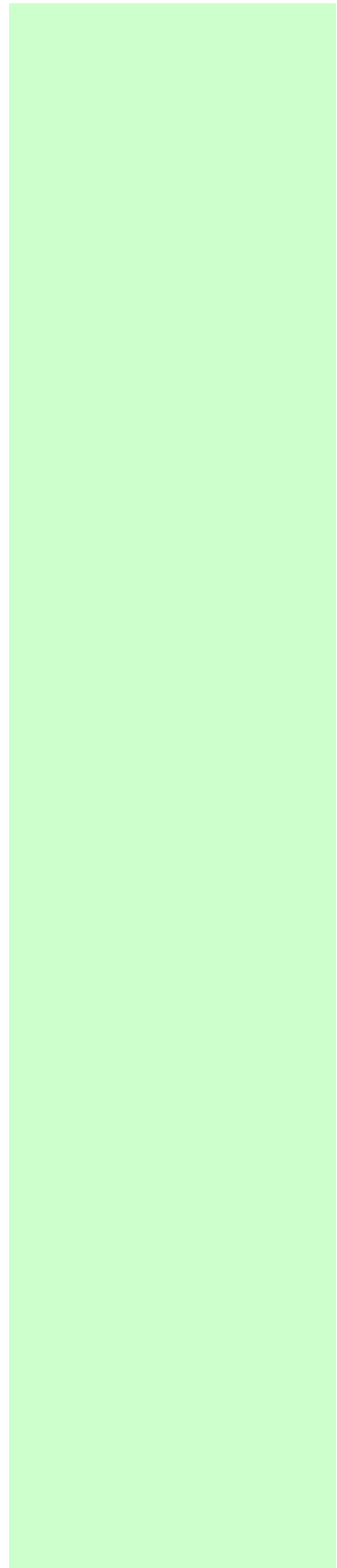
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	1	1200016E24Rik	1	Serpina4-ps1	4.20	1	Chi3l1	6.83
	2	1600032L17Rik	2	LOC100044164	4.04	2	Slpi	4.19
	3	1810058I24Rik	3	Spon2	3.22	3	Lbp	3.78
	4	2010305C02Rik	4	Crybb3	2.92	4	Orm1	3.46
	5	2200001I15Rik	5	Serpina7	2.64	5	Gadd45g	2.65
	6	2310014H01Rik	6	Lbr	2.58	6	G6pdx	2.64
	7	2310043N10Rik	7	LOC245892	2.52	7	Krt8	2.64
	8	9030024J15Rik	8	2310040A07Rik	2.46	8	Atf4	2.58
	9	AA467197	9	Hist1h2ak	2.44	9	Myh9	2.57
	10	Acot1	10	Dbi	2.37	10	LOC100047935	2.54
	11	Acot3	11	2310040A07Rik	2.35	11	Hspa8	2.49
	12	Actr3	12	Tmsb4x	2.29	12	Aldoa	2.43
	13	AI448196	13	Hist1h2ad	2.23	13	Cfb	2.39
	14	Akr1c19	14	Ndr1	2.22	14	Napsa	2.36
	15	Aldh3a2	15	Arrdc3	2.20	15	Hsp90ab1	2.36
	16	Alox5ap	16	Cyp51	2.19	16	LOC632022	2.36
	17	Anxa2	17	Lgals9	2.16	17	Mt1	2.36
	18	Anxa3	18	Gnat1	2.16	18	Slc13a3	2.34
	19	Apcs	19	C8b	2.16	19	Mettl7b	2.33
	20	Arhgdib	20	Edem2	2.14	20	Pramel4	2.29
	21	Arpc1b	21	Slc41a2	2.13	21	Cish	2.29
	22	Arpc2	22	2610024M03Rik	2.11	22	Arhgap30	2.26
	23	Asl	23	Hmgb2	2.09	23	Top2a	2.26
	24	Asprv1	24	Folr2	2.04	24	Apoa4	2.25
	25	Atp2a3	25	Dok3	2.02	25	LOC271505	2.25
	26	Azgp1	26	Fbxo6	2.02	26	Prickle3	2.25
	27	B3galt1	27	Gmfg	2.00	27	Lrg1	2.25
	28	BC100530	28	LOC666168	-4.69	28	Itgb5	2.24
	29	C6	29	Cyp4a31	-4.37	29	Plk1	2.24
	30	C8a	30	Dmbt1	-3.74	30	Siat7b	2.24
	31	C9	31	Usp2	-3.16	31	Cml2	2.23
	32	Camp	32	Gm129	-3.00	32	Igh-6	2.22
	33	Car3	33	Gm129	-2.74	33	Mad	2.21
	34	Cd177	34	Acot4	-2.72	34	Vim	2.21
	35	Cd52	35	Pex11a	-2.66	35	Lman1	2.20
	36	Cdkn1c	36	Fam102a	-2.65	36	Lrmp	2.20
	37	Ceacam2	37	Ppp1r1b	-2.58	37	Serpina3g	2.20
	38	Cebpe	38	Homer2	-2.52	38	C4bp	2.19
	39	Chi3l3	39	Upp2	-2.50	39	LOC100048508	2.19
	40	Chi3l4	40	Pex11a	-2.48	40	LOC100041864	2.19
	41	Cmtm7	41	Afmid	-2.47	41	1100001G20Rik	2.19
	42	Coro1a	42	LOC236060	-2.44	42	Iap	2.18
	43	Cotl1	43	Nrg4	-2.43	43	Fes	2.18
	44	Cpn2	44	9030205A07Rik	-2.43	44	Ppp1r10	2.18
	45	Csad	45	Lamb3	-2.38	45	LOC277856	2.17
	46	Csf3r	46	Pdk4	-2.36	46	mt-Co2	2.17
	47	Ctsg	47	Rorc	-2.32	47	Lgals1	2.17
	48	Cxcl1	48	BC016495	-2.23	48	Gnai2	2.16
	49	Cyp17a1	49	Decr2	-2.20	49	Sqle	2.16
	50	Cyp2a5	50	Afmid	-2.18	50	Lst1	2.16
	51	Cyp2b13	51	Lpin2	-2.17	51	Gjb2	2.16
	52	Cyp4a14	52	9530051K01Rik	-2.17	52	Cpt2	2.15
	53	Cytip	53	Per2	-2.15	53	H2-D1	2.15
	54	Dhcr24	54	Txnip	-2.14	54	LOC214403	2.15
	55	Dnaic1	55	G0s2	-2.14	55	C1s	2.15
	56	Ear2	56	Slc46a3	-2.12	56	EG625054	2.14
	57	Ear3	57	Marveld1	-2.12	57	Slc25a25	2.14

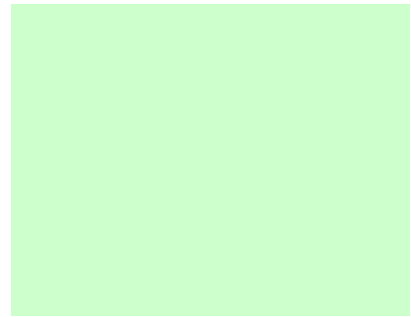
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62	EG640530	62	LOC227393	-2.08	62	LOC380692	2.12
63	Egfr	63	LOC100047579	-2.07	63	Adpgk	2.11
64	Ela2	64	Cyp2g1	-2.07	64	LOC329076	2.10
65	Emb	65	9630058J23Rik	-2.06	65	Eef1b2	2.09
66	Emilin2	66	Por	-2.06	66	LOC665281	2.09
67	ENSMUSG00000043	67	Rusc2	-2.06	67	LOC270037	2.09
68	F13a1	68	Rorc	-2.05	68	LOC632667	2.08
69	Fcgr3	69	Acsn3	-2.05	69	Sc4mol	2.08
70	Fcnb	70	Hsd17b11	-2.03	70	Ddost	2.08
71	Fgl1	71	Mme	-2.01	71	Serpina1a	2.08
72	Fgr	72	Serpina6	-2.01	72	Igk-C	2.07
73	Fndc3b	73	2310036D04Rik	-2.01	73	Fn1	2.07
74	Fpr2	74	Dclk3	-2.00	74	Cyba	2.06
75	Fxyd5	75	Nrg4	-2.00	75	Rpl18a	2.06
76	Glpr2				76	H2-Q5	2.06
77	Gp49a				77	Dio1	2.06
78	H2-Q8				78	E430033B07Rik	2.05
79	Hbb-b1				79	Ganab	2.04
80	Hdc				80	Hp	2.04
81	Hist1h2ad				81	Ywhag	2.04
82	Hist1h2af				82	Mcm5	2.03
83	Hist1h2ah				83	Scotin	2.03
84	Hist1h2ai				84	Rpl39	2.02
85	Hist1h2an				85	Mcl1	2.02
86	Hist1h2ao				86	Camk2n1	2.02
87	Hist2h2ac				87	Pstpip1	2.02
88	Hk3				88	Olfm4	2.02
89	Hmgn2				89	Slc27a5	2.01
90	Hpx				90	Asns	2.01
91	Hs3st3b1				91	Tagln2	2.01
92	Ifi27				92	EG237361	2.01
93	Ifitm1				93	Cdkn3	2.00
94	Ifitm6				94	Vcl	2.00
95	Il1b				95	Idb2	-2.58
96	Il8rb				96	Hamp2	-2.48
97	Inmt				97	1500017E21Rik	-2.35
98	Iqgap1				98	Bcl6	-2.18
99	Itih3				99	Cyp2c44	-2.09
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181 S100a9
182 Saa1
183 Saa4
184 Sell
185 Selplg
186 Serpina1c
187 Sh3bgrl3
188 Sirpa
189 Skap2
190 Sla
191 Slc2a3
192 Slc35b1
193 Sln1
194 Socs3
195 Sorl1
196 Sort1
197 Stat3
198 Stfa1
199 Stfa2
200 Sult1c2



201 Tgfb1
202 Tk1
203 Tpi1
204 Trem3
205 Tyrobp
206 Uhrf1
207 Vldlr



Common Unique Lung Gene List

Lung	No	MON No	UNIQU	C/NC.fc	No	JNIQUI	CH/NH.fc
	1	### 1	Olfm4	13.63	1	Mela	6.62
	2	20Rik 2	Stk17	3.00	2	Tns4	3.22
	3	24Rik 3	Taldo	2.65	3	Timp1	2.79
	4	02Rik 4	Cfp	2.52	4	Prc1	2.76
	5	10Rik 5	Spata	2.46	5	Pbk	2.75
	6	24Rik 6	Dok2	2.24	6	Anln	2.74
	7	18Rik 7	48334	2.24	7	Orm1	2.64
	8	17Rik 8	Ccl4	2.22	8	Lgals1	2.60
	9	17Rik 9	Ikzf1	2.20	9	Cdc2a	2.59
	10	01Rik 10	Cnr2	2.20	10	43025	2.52
	11	7Rik 11	Sh3bp1	2.18	11	Mcm10	2.43
	12	7Rik 12	###	2.12	12	Kif2c	2.40
	13	03Rik 13	11100	2.11	13	Cdc20	2.33
	14	2M24 14	15000	2.11	14	Uhrf1	2.33
	15	8Rik 15	LOC1	2.10	15	Ccnb1	2.32
	16	8Rik 16	E4300	2.09	16	Spag5	2.28
	17	08Rik 17	Prei4	2.08	17	Cenpa	2.27
	18	11Rik 18	Armc	2.08	18	Agpat9	2.26
	19	13Rik 19	54304	2.07	19	t1h2ag	2.25
	20	4Rik 20	InsI3	2.06	20	Raet1b	2.24
	21	01Rik 21	Skap2	2.05	21	Mtus1	2.20
	22	0Rik 22	Rbm3	2.05	22	047619	2.17
	23	4Rik 23	Casp3	2.05	23	540739	2.16
	24	08Rik 24	Rab11	2.04	24	Plaur	2.14
	25	0Rik 25	Stxbp	2.03	25	Tirap	2.14
	26	7197 26	Pnpla	2.02	26	Bub1b	2.14
	27	4611 27	47324	2.01	27	Ethe1	2.13
	28	0btb1 28	B2300	2.01	28	Mcm5	2.13
	29	Acpp 29	LOC1	2.01	29	384136	2.12
	30	1am8 30	31100	2.01	30	Tfdp1	2.10
	31	1ora3 31	Spon.	2.01	31	A20Rik	2.09
	32	dpgk 32	LOC1	2.00	32	576974	2.09
	33	7606 33	Mup1	-3.46	33	23453	2.09
	34	Akna 34	Cyp2b	-3.01	34	Pif1	2.09
	35	lh1a1 35	###	-2.98	35	Twf2	2.09
	36	lh6a1 36	Slco1	-2.95	36	Cdca2	2.08
	37	Alox5 37	Cyp2b	-2.49	37	Plp2	2.08
	38	0x5ap 38	Cps1	-2.47	38	Trim21	2.07
	39	nica1 39	Cyp2b	-2.30	39	Mcm6	2.07
	40	npd3 40	Cyp2b	-2.26	40	42427	2.05
	41	0rd22 41	Apoa	-2.25	41	Zyx	2.04
	42	0rd46 42	Cyp2b	-2.22	42	Irak4	2.04
	43	0nxa1 43	Apoa	-2.22	43	Sap30	2.04
	44	0b1ip 44	Per2	-2.20	44	Capg	2.03
	45	poa2 45	Per1	-2.18	45	0lekHg3	2.03
	46	0b48r 46	Cyp2b	-2.17	46	385870	2.03
	47	0bec1 47	Mat1.	-2.15	47	Kctd20	2.02
	48	Arg2 48	Azgp	-2.14	48	Fosl2	2.02
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	54	rid3a			54	0bb-b1	-2.82
	55	Arl11			55	Ahsg	-2.63
	56	0pc1b			56	Ednrb	-2.62
	57	0rpg5			57	272683	-2.59

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 59 Arsg
 60 sprv1
 61 p2a2
 62 p8b4
 63 Aurka
 64 O3Rik
 65 4044
 66 3712
 67 4537
 68 7047
 69 0530
 70 Bcl3
 71 Bclp2
 72 Bid
 73 Birc5
 74 3mp6
 75 Bmx
 76 Btk
 77 O1Rik
 78 18Rik
 79 10Rik
 80 9Rik
 81 11Rik
 82 2amp
 83 2asp4
 84 Ccl9
 85 2cnd3
 86 Cd14
 87 d177
 88 1300a
 89 300lf
 90 Cd33
 91 Cd37
 92 Cd44
 93 Cd52
 94 Cd84
 95 12se1
 96 2dca3
 97 2dca8
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 99 dkn3
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 101 2elsr3
 102 Cfp
 103 2c4a1
 104 lec4d
 105 lec4e
 106 lec5a
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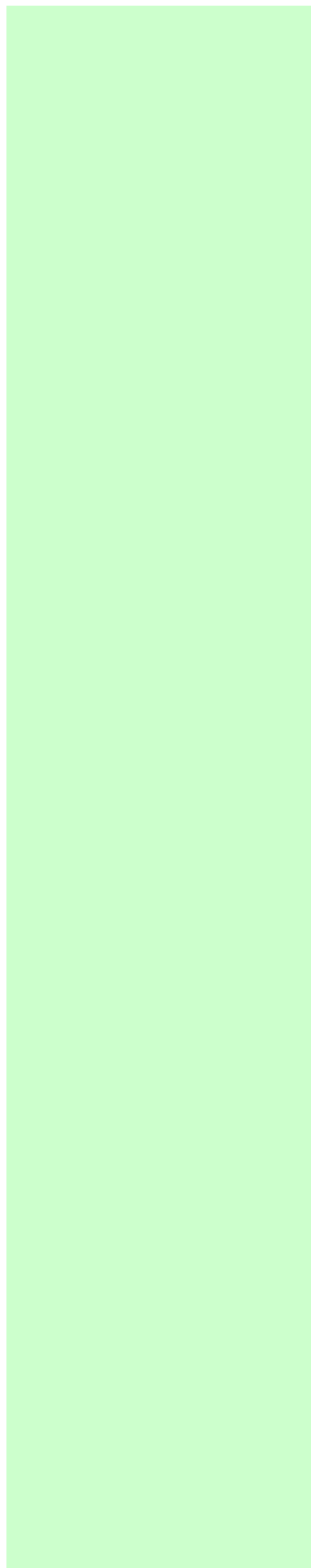
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133 Dok3
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136 23Rik
137 12Rik
138 16Rik
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155 F5
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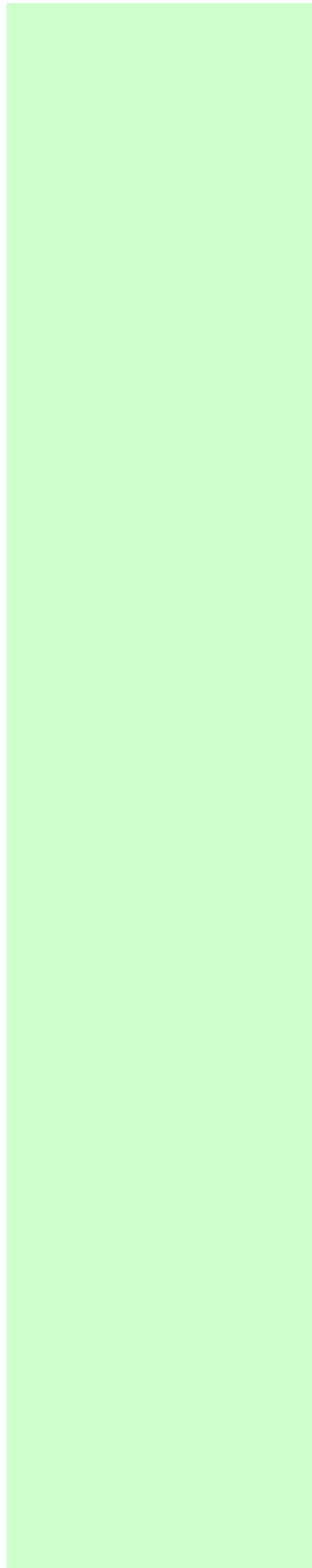
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196 Hdc
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212 gsf10
213 l3ra1
214 il17ra
215 l8rap
216 il1b
217 il1r2
218 il1rn
219 il8ra
220 il8rb
221 nhba
222 Irg1
223 Itgal
224 tgam
225 tgb2l
226 Itprip
227 Junb
228 Kif22
229 Kif23
230 lra17
231 Krt86
232 Lcn2
233 Lcp1
234 Lcp2
235 Lhfp
236 Lhx1
237 .ilrb4

238 Litaf
239 nnb1
240 l137
241 l681
242 2405
243 4218
244 4439
245 4576
246 5877
247 5967
248 6232
249 6578
250 7827
251 8461
252 8617
253 3653
254 0152
255 1232
256 1420
257 1957
258 0146
259 5143
260 7008
261 ocat2
262 Lrg1
263 Lrmp
264 rrc33
265 Lst1
266 Ltb
267 tb4r1
268 Ltf
269 Mad
270 pk13
271 Mefv
272 1ettl9
273 1gam
274 1ki67
275 np25
276 1mp9
277 locos
278 ov10
279 Mpo
280 1pzi3
281 jpra2
282 jpra7
283 1s4a3
284 4a6d
285 VD4L
286 1up2
287 1up3
288 1xd1
289 yd88
290 1yo1f
291 Nab1
292 Ncf1
293 Ncf2
294 Ncf4
295 kap1l
296 fam1
297 Nfe2



298 fkbid
299 Ngp
300 lrp12
301 Nlr1
302 Jme7
303 Das1g
304 Oas2
305 Oas3
306 Dasl1
307 Dgfrl1
308 Dlfm4
309 ml2b
310 Osm
311 D971
312 vgp1
313 Dry13
314 Pad14
315 Parvg
316 olce2
317 de1b
318 de2a
319 dzd3
320 kfb4
321 Pgd
322 glyrp
323 lyrp1
324 pho1
325 Pi16
326 ik3cd
327 ik3cg
328 Pira
329 Pilrb1
330 Pira1
331 Pira11
332 Pira2
333 Pira3
334 Pira4
335 Pkm2
336 Plac8
337 Plcg2
338 Plcl2
339 kho2
340 Plk1
341 Pnkp
342 Dr3b
343 ram1
344 Prdx5
345 Prg2
346 Prg3
347 Prkcb
348 Prok2
349 Prr13
350 rss34
351 Prtn3
352 tpip1
353 tges3
354 clad2
355 tpn6
356 Pygl
357 b27a

358 .ab32
359 Rac2
360 assf5
361 dh12
362 etnlg
363 Rhog
364 obo1
365 14.1
366 Ruffy4
367 .00a8
368 .00a9
369 Saa3
370 nhd1
371 msn1
372 bno2
373 b3a1
374 Scrg1
375 Sell
376 Selp
377 Selp
378 elplg
379 na4a
380 na6b
381 iepx1
382 nb1a
383 Sfpi1
384 Sfxn5
385 kbp1
386 irpb1
387 Sla
388 :11a1
389 :15a3
390 !5a45
391 :27a2
392 :28a2
393 lc2a1
394 lc2a3
395 lc2a6
396 :40a1
397 Slfn1
398 Slfn2
399 Smox
400 inx20
401 Soat2
402 Socs3
403 Sorl1
404 Stfa1
405 Stfa2
406 :k17b
407 aldo1
408 ic1d2
409 Tgfb1
410 rgm1
411 Thbd
412 iiam2
413 Tlr1
414 Tlr13
415 Tlr2
416 Tlr6
417 n154



418 em40
419 faip2
420 iip8l2
421 ifsf14
422 op2a
423 pd52
424 rem1
425 rem3
426 Tspo
427 rrobp
428 t1a7c
429 Jgt8a
430 ic119
431 Upp1
432 Vav1
433 Was
434 Vins2
435 h12d
436 r1a1



		TC/SC	TH/SH	COMMON	UNIQUE
LIVER	UP	209	280		94
	DOWN	63	34		13
	TOTAL	272	314	207	107
LUNG	UP	432	456		50
	DOWN	42	103		73
	TOTAL	474	559	436	123

	TC/SC	TH/SH	COMMON	UNIQUE
LIVER	272 (209↑, 63↓)	314 (280↑, 34↓)	207	107 (94↑, 13↓)
LUNG	474 (432↑, 42↓)	559 (456↑, 103↓)	436	123 (50↑, 73↓)

Representative Top 10 Genes of Unique	
Up-regulated	Down-regulated
LIVER Chi3l1, Slpi, Lbp, Orm1, Lbr, Gadd45g, G6pdx, Krt8, Atf4, Myh9	Idb2, Hamp2, Bcl6, Cyp2c44, Decr1, Ccdc65, Ddah1, Ela1, Gstt3, Wdr13
LUNG Mela, Tns4, Timp1, Prc1, Pbk, Anln, Orm1, Lgals1, Cdc2a, Mcm10	Nppa, Hamp2, Hspa1a, Hbb-b1, Ahsg, Ednrb, Cgn, Dst, Sepp1, Dnajb9