

SUPPLEMENTAL TABLE-1: HYPOXIA

S.No.	Gene_symbol	Log fold change
1	Ptx3	4.33
2	Tnnt2	3.77
3	Ccl2	3.53
4	Sprr1a	3.48
5	Mt2A	3.46
6	Cxcl1	3.31
7	Upk3a	3.25
8	Il6	3.22
9	Mt1a	3.15
10	Upk2	3.04
11	Upk1a	3.02
12	Cxcl2	2.99
13	Krt5	2.82
14	Cd209b	2.77
15	Il1r2	2.64
16	Marco	2.62
17	Ucp1	2.61
18	Lcn2	2.58
19	Ccl7	2.42
20	Cxcl3	2.4
21	Cxcl5	2.36
22	Krt18	2.29
23	Myl2	2.27
24	Nos2	2.23
25	Krt19	2.16
26	Olr1	2.08
27	Pglyrp1	2.05
28	Krt15	2.05
29	Csf3	2.05
30	Serpine1	2.04
31	Rnd1	2.01
32	Tnnt1	1.98
33	Tnnt1	1.98
34	Tnnt1	1.97
35	Tnnt1	1.97

36	Hmox1	1.97
37	Ns5atp9	1.96
38	Prok2	1.9
39	Ccl11	1.9
40	Mb	1.87
41	Sptssb	1.86
42	Atf3	1.86
43	Tnni1	1.86
44	S100a8	1.84
45	Aqp3	1.84
46	Rn5-8s	1.83
47	Rn5-8s	1.83
48	Sptssb	1.83
49	Rn5-8s	1.83
50	Rn5-8s	1.83
51	Rn5-8s	1.83
52	Trem1	1.83
53	Rn5-8s	1.83
54	Rn5-8s	1.82
55	Il1b	1.8
56	Prok2	1.76
57	Ccl3	1.76
58	Tnnc1	1.75
59	Adamts1	1.73
60	Socs3	1.72
61	S100a9	1.71
62	Upk1b	1.7
63	Krt8	1.69
64	Slc17a7	1.67
65	Tnfaip6	1.67
66	Egr1	1.67
67	Cck	1.64
68	RGD1565374	1.57
69	Ccrn4l	1.56
70	Epcam	1.54
71	Fabp3	1.53
72	Ms4a1	1.52
73	Glycam1	1.51
74	Thbs1	1.47

75	Fgf16	1.47
76	Csf2rb	1.45
77	Arid5a	1.41
78	Irf4	1.41
79	Ptgds	1.4
80	Cyr61	1.4
81	Hspa1a	1.39
82	Hspa1l	1.39
83	Phlda1	1.39
84	Slc27a2	1.37
85	Apold1	1.37
86	Nr4a1	1.37
87	Cyp2b1	1.34
88	Hp	1.33
89	Mbp	1.33
90	Mbp	1.33
91	Mbp	1.33
92	Mbp	1.33
93	Cyp2e1	1.32
94	Mbp	1.32
95	Cpt1b	1.3
96	Spp1	1.3
97	Gmpr	1.29
98	Cebpd	1.28
99	Cox8b	1.26
100	Hspa1b	1.24
101	Slpi	1.23
102	Hmgcs2	1.23
103	Rbm3	1.23
104	Cebpb	1.21
105	Clec4e	1.2
106	Serpina3n	1.2
107	Adm	1.19
108	Ehhadh	1.18
109	Tfpi2	1.17
110	Mir671	1.17
111	Cidea	1.17
112	Ltb	1.16
113	Mir147	1.16

114	Junb	1.16
115	Slpil2	1.15
116	Nfkbiz	1.15
117	Mobp	1.14
118	Fgl2	1.13
119	Rgs1	1.13
120	Plip	1.13
121	Cyp2c11	1.12
122	Hpca	1.12
123	Akr1cl	1.12
124	F2rl2	1.11
125	Mbp	1.11
126	Nupr1	1.1
127	Nupr1	1.1
128	Csrp2	1.1
129	Maff	1.1
130	Tmem158	1.1
131	Ramp3	1.1
132	Mrgprg	1.06
133	Arg1	1.05
134	Ddn	1.05
135	Snhg4	1.05
136	Serpinb1a	1.04
137	Gk	1.03
138	Sat1	1.03
139	Cd79b	1.03
140	Cntf	1.01
141	MGC105649	1.01
142	Cd3g	1.01
143	Btg2	1.01
144	Gadd45b	1
145	LOC299282	1
146	Edn1	1
147	Acadl	0.99
148	Sell	0.99
149	H2afj	0.98
150	H2afj	0.98
151	Plin2	0.97
152	Ctse	0.96

153	Ugdh	0.95
154	LOC259244	0.94
155	Cd3d	0.93
156	Rbp4	-0.93
157	Ifit1	-0.93
158	Casq2	-0.93
159	Alg2	-0.93
160	Lep	-0.93
161	Rtkn	-0.93
162	LOC691921	-0.93
163	Nrcam	-0.93
164	Slc29a1	-0.93
165	Abcg3l1	-0.93
166	RGD1311805	-0.93
167	Brsk1	-0.94
168	Tubb4b	-0.94
169	Tcea2	-0.94
170	Agrn	-0.94
171	Hdac11	-0.94
172	Slc6a15	-0.94
173	Ngfrap1	-0.94
174	Fbxl16	-0.94
175	Mvk	-0.94
176	Cd99l2	-0.94
177	Ly6c	-0.94
178	Ly6c	-0.94
179	Pld3	-0.95
180	Maged2	-0.95
181	A3galt2	-0.95
182	Rtp4	-0.95
183	Lgals9	-0.95
184	Trappc1	-0.95
185	Gaa	-0.95
186	Scarb1	-0.95
187	Cd99l2	-0.95
188	Hk1	-0.96
189	RT1-CE6	-0.96
190	Fadd	-0.96
191	Syt5	-0.96

192	Hmgcr	-0.96
193	Fam219a	-0.96
194	Maged2	-0.96
195	Usp18	-0.96
196	RGD1306151	-0.96
197	Steap3	-0.96
198	Oas1b	-0.96
199	Mlxipl	-0.96
200	Mapk3	-0.97
201	Gnb4	-0.97
202	Maged2	-0.97
203	Col15a1	-0.97
204	Tuba4a	-0.97
205	Adam23	-0.97
206	Hist3h2bb	-0.97
207	Idi1	-0.97
208	Bphl	-0.97
209	Tspyl4	-0.98
210	Apbb1	-0.98
211	Cacng7	-0.98
212	Pfn2	-0.98
213	Pfn2	-0.98
214	Rrm2b	-0.98
215	Slc9a9	-0.98
216	Kifap3	-0.98
217	Cpne6	-0.98
218	Ldb2	-0.98
219	Spon2	-0.98
220	Slc38a7	-0.98
221	RGD1312005	-0.98
222	Prnp	-0.99
223	Clcn6	-0.99
224	Gdap1	-0.99
225	Ebp	-0.99
226	Oasl2	-0.99
227	Fabp5	-1
228	Amigo1	-1
229	Asb1	-1
230	Ppp2r2c	-1

231	Nrsn1	-1
232	Baspl1	-1.01
233	Hey1	-1.01
234	Sms	-1.01
235	Dpysl2	-1.01
236	Map6	-1.02
237	Atp13a2	-1.02
238	Usp5	-1.02
239	Add2	-1.02
240	Pygl	-1.02
241	Dhx58	-1.02
242	Grifin	-1.02
243	Lrpap1	-1.02
244	Susd2	-1.03
245	Gpr137	-1.03
246	Irf7	-1.03
247	Arhgap28	-1.03
248	RGD1562618	-1.03
249	Apod	-1.03
250	Itgb4	-1.03
251	Myh8	-1.03
252	Gdpd1	-1.03
253	Cdh19	-1.03
254	Myoc	-1.03
255	Rgd1310049	-1.04
256	Fads1	-1.04
257	Mfsd12	-1.04
258	Tmem150c	-1.04
259	Uros	-1.05
260	Fndc1	-1.05
261	Add2	-1.05
262	Socs2	-1.05
263	Emr1	-1.05
264	Reep2	-1.05
265	Ctxn3	-1.05
266	Fbxo44	-1.06
267	Tnk2	-1.06
268	Lgals3bp	-1.06
269	Lrrc4b	-1.07

270	Ttl	-1.07
271	Ptpr	-1.07
272	Mgat3	-1.07
273	Akap6	-1.07
274	Sep-06	-1.07
275	Rimbp2	-1.07
276	Mir6321	-1.07
277	Ankrd29	-1.07
278	Snurf	-1.08
279	Kif1b	-1.08
280	Dos	-1.08
281	Ttc8	-1.08
282	MGC116197	-1.08
283	Sfrp4	-1.08
284	Atp6v1b2	-1.08
285	Pcdhac2	-1.08
286	Tm7sf2	-1.09
287	Snurf	-1.09
288	Fam69b	-1.09
289	Ptpr	-1.09
290	Pcp2	-1.09
291	Parva	-1.1
292	Arhgef28	-1.1
293	Mab2111	-1.1
294	Fam189b	-1.1
295	Them6	-1.1
296	Map2	-1.1
297	Nid2	-1.1
298	Zdhhc2	-1.1
299	LOC363337	-1.1
300	Egfl8	-1.11
301	Tmx2	-1.11
302	Kif5c	-1.11
303	Pik3r1	-1.11
304	Map1b	-1.11
305	Ankrd6	-1.11
306	Acsbg1	-1.11
307	Snrpn	-1.12
308	Sbsn	-1.12

309	Tango2	-1.12
310	P2rx2	-1.12
311	Grtp1	-1.12
312	Egfl8	-1.13
313	Nrip3	-1.13
314	Tuba3b	-1.13
315	Astn1	-1.13
316	Vstm4	-1.13
317	Angpt2	-1.13
318	Grtp1	-1.13
319	Slc35f1	-1.14
320	Aplp1	-1.14
321	Phactr3	-1.14
322	Olfm1	-1.14
323	Ifi27l2b	-1.14
324	Kif3a	-1.14
325	Tmem59l	-1.14
326	Npy	-1.15
327	Npy	-1.15
328	Egln3	-1.15
329	Adap1	-1.15
330	Mapk10	-1.15
331	Arl10	-1.15
332	Ppp2r5b	-1.16
333	Ppp2r5b	-1.16
334	Tmem176b	-1.16
335	Tmem176b	-1.16
336	Wdr6	-1.16
337	Sc5d	-1.16
338	Gnb5	-1.16
339	RGD1310110	-1.16
340	Fam46c	-1.17
341	Tmem176b	-1.17
342	Mfsd6	-1.17
343	Slc36a1	-1.17
344	Angptl1	-1.17
345	Mapk10	-1.17
346	Tuba1c	-1.18
347	Tmem176b	-1.18

348	Tmem176b	-1.18
349	Tmem176b	-1.18
350	Tmem176b	-1.18
351	Ece2	-1.18
352	Tmem107	-1.18
353	Doc2b	-1.18
354	S1pr3	-1.18
355	Elovl2	-1.18
356	Rab3a	-1.18
357	Gnas	-1.19
358	Snap91	-1.19
359	Cacnb3	-1.19
360	Fcer1a	-1.19
361	Dok2	-1.19
362	Clip3	-1.2
363	Clip3	-1.2
364	Cdh6	-1.2
365	Hspa4l	-1.2
366	Atp6v0e2	-1.2
367	Abca8a	-1.2
368	Myh4	-1.2
369	Cplx1	-1.2
370	Sbsn	-1.21
371	Nradd	-1.21
372	Sez6l2	-1.22
373	Prkacb	-1.22
374	Ctnna2	-1.22
375	Jph4	-1.22
376	Arhgap22	-1.22
377	Magee1	-1.23
378	LOC691995	-1.23
379	Ifi47	-1.23
380	Slc25a10	-1.23
381	Stmn4	-1.23
382	Tspan17	-1.23
383	Olr63	-1.24
384	Slc2a6	-1.24
385	LOC100912292	-1.24
386	Trpv2	-1.24

387	Trpv2	-1.24
388	Trpv2	-1.24
389	Atp6v1g2	-1.25
390	Scd	-1.25
391	Snap25	-1.25
392	Ncam1	-1.25
393	Stmn4	-1.25
394	Stmn4	-1.25
395	Stmn4	-1.25
396	Tuba1b	-1.26
397	Srebf1	-1.26
398	Stmn4	-1.26
399	Nt5dc2	-1.26
400	Apba2	-1.27
401	C6	-1.27
402	Srebf1	-1.27
403	Stmn4	-1.27
404	Lgi3	-1.27
405	Ggt7	-1.28
406	Ncs1	-1.28
407	Snap25	-1.28
408	Snap25	-1.28
409	Mrap2	-1.28
410	Sctr	-1.28
411	Pcbd1	-1.29
412	Gpam	-1.29
413	Stk32c	-1.29
414	Rtn2	-1.29
415	Stxbp1	-1.29
416	Kif3c	-1.29
417	Scg3	-1.29
418	Uba7	-1.29
419	Slc1a4	-1.29
420	Dnajc6	-1.3
421	Cilp	-1.3
422	Susd4	-1.3
423	Tecr	-1.3
424	Caly	-1.31
425	Caly	-1.31

426	Map1a	-1.31
427	Klc1	-1.31
428	Tuba1a	-1.31
429	Acaca	-1.31
430	Pcyox1l	-1.31
431	Sbsn	-1.32
432	Snhg11	-1.32
433	Enpep	-1.32
434	Dgkb	-1.32
435	Klc1	-1.32
436	Klc1	-1.32
437	Ddx25	-1.32
438	Chgb	-1.33
439	Nrn1	-1.33
440	Bex4	-1.33
441	Lss	-1.34
442	Spock2	-1.34
443	Slc22a3	-1.34
444	Fdps	-1.34
445	Atp1b1	-1.34
446	Rab33a	-1.35
447	Clstn3	-1.36
448	Ablim2	-1.36
449	Msmo1	-1.36
450	Snx10	-1.37
451	Gnao1	-1.37
452	Fbxo2	-1.38
453	Ctxn1	-1.38
454	Ablim2	-1.38
455	Cdk5r2	-1.39
456	Zcchc12	-1.39
457	Arhgap26	-1.39
458	Mapk11	-1.4
459	Kiaa0895l	-1.4
460	Capn5	-1.41
461	Dhcr7	-1.41
462	Tnfsf10	-1.41
463	Adrbk2	-1.41
464	Mx1	-1.42

465	Mx1	-1.42
466	Mx1	-1.42
467	Mx1	-1.42
468	Mx1	-1.42
469	Mx1	-1.43
470	Jakmip1	-1.43
471	Scg5	-1.44
472	Atp1a1	-1.44
473	Epha5	-1.44
474	Nap1l5	-1.45
475	Serpina12	-1.45
476	Aldoc	-1.45
477	Ret	-1.46
478	Ehd3	-1.46
479	Slc25a1	-1.46
480	Dpysl3	-1.46
481	Mir3577	-1.47
482	Bcat1	-1.48
483	Dpp6	-1.48
484	Cish	-1.48
485	Kif2c	-1.5
486	Pfcp	-1.5
487	Gdap1l1	-1.51
488	Acot7	-1.51
489	Zwint	-1.52
490	Acat2	-1.52
491	Faim2	-1.52
492	Eef1a2	-1.54
493	Kif2c	-1.54
494	Acot7	-1.54
495	Adcyap1r1	-1.55
496	Adcyap1r1	-1.55
497	Tll1	-1.55
498	Scn3b	-1.55
499	Alcam	-1.55
500	Epdr1	-1.55
501	Ret	-1.56
502	Adcyap1r1	-1.56
503	Adcyap1r1	-1.56

504	Adcyap1r1	-1.56
505	Adcyap1r1	-1.56
506	Apc2	-1.56
507	Rab15	-1.56
508	Maoa	-1.56
509	Nacad	-1.56
510	Stx1a	-1.57
511	Elavl2	-1.58
512	Rundc3a	-1.58
513	Rgs7	-1.58
514	Hmx1	-1.58
515	Olfm2	-1.59
516	Tram111	-1.6
517	Arhgdig	-1.6
518	Layn	-1.61
519	Fdft1	-1.61
520	Elovl4	-1.62
521	Oxtr	-1.63
522	Tspan8	-1.63
523	Syt2	-1.63
524	Mmp15	-1.63
525	Mapt	-1.64
526	Scn9a	-1.65
527	Coro2a	-1.65
528	Nefh	-1.65
529	Syt11	-1.67
530	Atp7a	-1.67
531	Cplx2	-1.67
532	Elovl6	-1.68
533	Lynx1	-1.68
534	Gng3	-1.69
535	Disp2	-1.69
536	Kcnmb4	-1.69
537	Ldlr	-1.69
538	Elovl6	-1.7
539	Cyp51	-1.7
540	Syn1	-1.7
541	Spock1	-1.7
542	Apba1	-1.71

543	Slc31a1	-1.71
544	Atcay	-1.71
545	Ptpn	-1.71
546	Fxyd6	-1.71
547	Pcp4	-1.72
548	Nsg1	-1.72
549	Tppp3	-1.72
550	Cadm1	-1.73
551	Syn1	-1.73
552	Syt17	-1.74
553	Nxph4	-1.74
554	Napb	-1.75
555	Tm4sf4	-1.75
556	Pcp4	-1.75
557	Acly	-1.75
558	Ina	-1.76
559	Kcnc4	-1.76
560	Sv2c	-1.76
561	Atl1	-1.76
562	Tubb4a	-1.76
563	Acly	-1.76
564	RGD1305733	-1.76
565	Me1	-1.77
566	Kif5a	-1.78
567	Ngb	-1.79
568	Rtn1	-1.79
569	Fam163a	-1.79
570	Crmp1	-1.79
571	Tubb2a	-1.79
572	Dync1i1	-1.81
573	Sostdc1	-1.82
574	Resp18	-1.83
575	Fgf1	-1.83
576	Nmnat2	-1.84
577	Rab3c	-1.85
578	Rufy3	-1.85
579	Chga	-1.86
580	Brinp2	-1.86
581	Dusp26	-1.86

582	Phox2a	-1.87
583	Ckmt1b	-1.87
584	Scube1	-1.87
585	Celf3	-1.88
586	Mx2	-1.88
587	Ncald	-1.89
588	Ptpn2	-1.89
589	Arvcf	-1.89
590	Snca	-1.9
591	Rgs4	-1.91
592	Hand2	-1.91
593	Gng2	-1.92
594	Chrm2	-1.93
595	Gng2	-1.93
596	Rab6b	-1.94
597	Slc29a4	-1.94
598	Prkar1b	-1.94
599	Lhfp15	-1.95
600	Pcbp3	-1.96
601	Sult4a1	-1.96
602	Mllt11	-1.97
603	Scn7a	-1.98
604	Nsg2	-1.98
605	Tmem130	-1.98
606	Mvd	-1.98
607	Ppp2r2b	-2.01
608	Vamp1	-2.02
609	Lxn	-2.03
610	Bex2	-2.03
611	Hand1	-2.04
612	Bex1	-2.05
613	Ddah1	-2.05
614	Dpysl5	-2.05
615	Epb41l3	-2.05
616	Thy1	-2.05
617	Tubb2b	-2.07
618	Ndr4	-2.07
619	Ndr4	-2.07
620	Ndr4	-2.07

621	Ndr4	-2.07
622	Mir770	-2.08
623	Scg2	-2.08
624	Prkg2	-2.08
625	Gap43	-2.09
626	Ndr4	-2.09
627	Tagln3	-2.1
628	Ndr4	-2.1
629	Tub	-2.11
630	Tagln3	-2.11
631	Sqle	-2.12
632	Celf6	-2.12
633	Cend1	-2.13
634	Cend1	-2.13
635	Ppp2r2b	-2.13
636	Rit2	-2.13
637	Tlx2	-2.14
638	Dhcr24	-2.15
639	Reep1	-2.15
640	Cadps	-2.16
641	Syp	-2.18
642	Uchl1	-2.19
643	Syt9	-2.2
644	Edn3	-2.24
645	Fasn	-2.25
646	Cyb561	-2.25
647	Scd1	-2.26
648	L1cam	-2.26
649	Isl1	-2.27
650	Tmem255a	-2.3
651	Scgn	-2.3
652	Tmem35	-2.32
653	Th	-2.35
654	Chrb4	-2.4
655	Syt4	-2.4
656	Stmn3	-2.42
657	Syng3	-2.44
658	Syn2	-2.51
659	Cd24	-2.53

660	Syn2	-2.53
661	Syt1	-2.53
662	Htr3b	-2.54
663	Drd2	-2.55
664	Ache	-2.55
665	Ddc	-2.61
666	Ddc	-2.61
667	Slc18a2	-2.62
668	Chrna7	-2.63
669	Ddc	-2.64
670	Fkbp1b	-2.67
671	Rab3b	-2.68
672	Tubb3	-2.8
673	Slc10a4	-2.81
674	Ngfr	-2.82
675	Vip	-2.88
676	Pirt	-2.93
677	Htr3a	-2.94
678	Nefm	-2.94
679	Stk32a	-2.94
680	Stmn2	-2.95
681	Prph	-2.97
682	Ntrk1	-2.99
683	Nefl	-3.03
684	Chrna3	-3.08
685	Dbh	-3.16
686	Avil	-3.27
687	Pnpla3	-3.43
688	Slc6a2	-3.43
689	Fabp9	-3.49

SUPPLEMENTAL TABLE- 2: NORMOXIA THROMBOTIC

S.No.	Gene Symbol	Log Fold Change
1	Nos2	6.81
2	Il1r2	6.63
3	Cxcl1	6.59
4	S100a8	6.5
5	S100a9	6.49
6	Ptx3	6.13
7	Mmp8	6.12
8	Prok2	6.05
9	Pglyrp1	6.04
10	Ccl2	6.01
11	Trem1	5.96
12	Il6	5.9
13	Prok2	5.84
14	Cxcl2	5.77
15	Csf3	5.64
16	Lilrb4	5.62
17	Hp	5.61
18	RGD1565374	5.56
19	Osm	5.52
20	Cxcl5	5.28
21	Clec4d	5.27
22	Mt1a	5.22
23	Mt2A	5.12
24	Slpi	5.02
25	Clec4e	5.01
26	Ccl7	4.92
27	Spil2	4.9
28	Il1b	4.89
29	Slc16a3	4.89
30	Socs3	4.83
31	Csf3r	4.8
32	Mir147	4.78
33	Cxcl3	4.68
34	Sell	4.66
35	Mmp9	4.65
36	Tlr2	4.64
37	Rnd1	4.55

38	Cxcr2	4.54
39	Camp	4.46
40	Clec7a	4.45
41	Mir223	4.37
42	Fcnb	4.31
43	Trem11	4.31
44	Samsn1	4.31
45	MGC105649	4.29
46	Nfe2	4.24
47	F2rl2	4.21
48	Napsa	4.17
49	Serpinb1a	4.15
50	Serpine1	4.1
51	Thbs1	4.06
52	Ceacam10	4.01
53	Ceacam10	4.01
54	Tnfaip6	3.97
55	Mxd1	3.94
56	Olfm4	3.94
57	Gp1bb	3.93
58	Hmox1	3.89
59	Ccr7	3.88
60	Themis2	3.82
61	Has1	3.79
62	Tgm1	3.79
63	Fcar	3.78
64	Sphk1	3.77
65	Plaur	3.74
66	Plaur	3.74
67	Csf2rb	3.74
68	Sphk1	3.72
69	Sphk1	3.71
70	Alox5ap	3.69
71	Sphk1	3.66
72	Nlrp12	3.64
73	Nrgn	3.64
74	Alox12	3.63
75	Pla2g7	3.61
76	LOC498276	3.61
77	Tnnc1	3.61
78	Sbno2	3.59

79	Sphk1	3.59
80	Sphk1	3.58
81	Tmem154	3.56
82	Rgs1	3.56
83	Gzmk	3.55
84	LOC498276	3.55
85	Tfpi2	3.53
86	Adamts4	3.53
87	Lilrb3	3.52
88	Chi3l1	3.52
89	Phlda1	3.5
90	Fcgr2a	3.5
91	Nfkbiz	3.47
92	Gadd45a	3.45
93	Tnfrsf14	3.4
94	C5ar1	3.37
95	Gp9	3.35
96	Dusp2	3.33
97	Oas1k	3.33
98	Lst1	3.31
99	Fetub	3.31
100	Ifit3	3.3
101	Plek	3.26
102	Slpil3	3.25
103	Zc3h12a	3.23
104	Arid5a	3.23
105	Fosl1	3.22
106	Ccl4	3.22
107	Ppbp	3.21
108	Bcl3	3.2
109	Tyrobp	3.19
110	Cd69	3.19
111	Acap1	3.18
112	Il1rn	3.17
113	Fgr	3.14
114	Pstpip1	3.13
115	Ly6g6f	3.09
116	Clec5a	3.07
117	Serpib10	3.07
118	Cebpb	3.06
119	LOC691141	3.06

120	Dusp5	3.04
121	Clec1b	3.04
122	S1pr4	3.04
123	Selplg	3.04
124	Olr1	3.01
125	Ptprc	3.01
126	Ptprc	3.01
127	Ptprc	3.01
128	Selp	3.01
129	Ptprc	3
130	Apold1	2.99
131	Ptprc	2.99
132	Gna15	2.98
133	Ncf4	2.97
134	Birc3	2.95
135	Fgl2	2.92
136	Gp5	2.91
137	Arhgap25	2.9
138	Ccr1	2.9
139	Csrnp1	2.89
140	Pim1	2.87
141	Tbc1d10c	2.87
142	Cd177	2.87
143	Clec4b2	2.87
144	Stx11	2.86
145	Mov10	2.86
146	Runx3	2.86
147	Padi4	2.85
148	Ccl5	2.85
149	Degs2	2.84
150	Cd300a	2.84
151	Ngp	2.83
152	Junb	2.83
153	Ltb	2.81
154	Lilrb3l	2.81
155	Tnfrsf12a	2.8
156	Gzma	2.79
157	Tnfrsf18	2.79
158	Fosl2	2.79
159	Hba1	2.78
160	Ncf2	2.78

161	Cd27	2.77
162	Nuak2	2.77
163	Hspa1a	2.76
164	Oscar	2.76
165	Gp1ba	2.76
166	Ltb4r	2.76
167	Spp1	2.76
168	Dok3	2.76
169	Cyp4f18	2.76
170	Fgd3	2.75
171	Susd3	2.75
172	Coro1a	2.74
173	Hbb	2.74
174	Itk	2.74
175	Fmn1	2.74
176	Rn5-8s	2.73
177	Rn5-8s	2.73
178	Rn5-8s	2.73
179	Rn5-8s	2.73
180	Rn5-8s	2.73
181	Cd3d	2.73
182	Adamts1	2.73
183	Tacc3	2.73
184	Rn5-8s	2.73
185	Sema4a	2.72
186	Il17ra	2.72
187	Lyz2	2.72
188	Sat1	2.72
189	Rn5-8s	2.72
190	Ccl17	2.72
191	Hbg1	2.71
192	LOC100134871	2.71
193	Lif	2.71
194	Hbb-b1	2.7
195	Slc11a1	2.7
196	Lyc2	2.69
197	Clec4f	2.68
198	Arhgap9	2.68
199	Hspa1l	2.67
200	Glrx	2.67

201	Klrb1b	2.66
202	Fosl2	2.66
203	Ccl3	2.66
204	Lcp1	2.66
205	Tlr1	2.66
206	Spi1	2.65
207	Cd53	2.65
208	Ptafr	2.65
209	Alas2	2.65
210	Hba2	2.65
211	LOC287167	2.65
212	Ptpn18	2.64
213	Litaf	2.64
214	Hmha1	2.63
215	LOC685157	2.63
216	Timp1	2.62
217	Sema4d	2.62
218	Snx20	2.62
219	LOC689064	2.61
220	Slc2a1	2.59
221	Rhov	2.58
222	Elane	2.58
223	Sod2	2.57
224	Pf4	2.57
225	Socs1	2.56
226	Nfil3	2.56
227	G6b	2.55
228	Rbm38	2.55
229	P2ry13	2.55
230	Nkr-p1c	2.55
231	Cd8a	2.55
232	Cd3e	2.55
233	Upp1	2.53
234	Cd97	2.53
235	Hspa1b	2.5
236	Lax1	2.5
237	Hk3	2.5
238	Mir295-2	2.49
239	Mir295-1	2.49
240	Mir295-2	2.49
241	Mir295-1	2.49

242	Arhgap9	2.49
243	Slfn3	2.49
244	Lilrc2	2.48
245	Cd52	2.48
246	Il4r	2.47
247	Ets2	2.46
248	Smox	2.45
249	Rab20	2.45
250	Gadd45b	2.44
251	Atf3	2.44
252	Sh2d2a	2.43
253	Oasl	2.43
254	RGD1564664	2.42
255	Ugdh	2.42
256	Pacrg	2.41
257	Ctrb1	2.41
258	Cdkn1a	2.4
259	Ch25h	2.4
260	Stk17b	2.4
261	Dennd1c	2.4
262	Nlrp3	2.4
263	Rhoh	2.39
264	Rrad	2.38
265	Sdc4	2.35
266	Cytip	2.35
267	Plin2	2.35
268	Slc2a3	2.35
269	Slc2a3	2.35
270	Glpr1	2.34
271	LOC305806	2.34
272	Wfdc15b	2.33
273	Laptm5	2.33
274	Mir142	2.33
275	Oas1d	2.33
276	Oas1d	2.33
277	Cebpd	2.32
278	Ier2	2.32
279	Il21r	2.31
280	Ogfrl1	2.31
281	Retnlg	2.31
282	Emb	2.3

283	Itgb2	2.29
284	Itpkc	2.29
285	Zfp36	2.29
286	Satb1	2.29
287	Hcls1	2.29
288	Kdm6b	2.29
289	Rac2	2.26
290	Lrg1	2.26
291	Crem	2.26
292	Gmfg	2.25
293	Aqp9	2.25
294	Crem	2.25
295	Fermt3	2.24
296	Adm	2.24
297	Cd3g	2.24
298	Tmc8	2.24
299	Ptpn22	2.23
300	Fcgr2b	2.23
301	Hspb1	2.22
302	Egr1	2.21
303	Btg2	2.2
304	Cxcl10	2.2
305	Crem	2.2
306	Itgam	2.19
307	Fpr1	2.18
308	Trib1	2.18
309	Cxcr4	2.17
310	Fcgr1a	2.16
311	Gpr132	2.16
312	Ebi3	2.16
313	Rassf5	2.16
314	Mir3561	2.15
315	Crem	2.15
316	Unc13d	2.14
317	LOC652956	2.13
318	Ccn1	2.13
319	Rnf19b	2.13
320	Crem	2.13
321	Ccl6	2.12
322	Crem	2.12
323	Ptges	2.11

324	Sgms2	2.11
325	Alox15	2.11
326	Hck	2.1
327	Cd101	2.1
328	Tnc	2.1
329	Ly6g6c	2.09
330	Ampd3	2.09
331	Mkrn1	2.09
332	LOC24906	2.09
333	Trim72	2.08
334	Nr4a1	2.08
335	Dck	2.08
336	Cd247	2.07
337	Ramp3	2.07
338	Sep-01	2.06
339	Serinc2	2.06
340	Gk	2.06
341	Gmpr	2.06
342	Slc7a5	2.06
343	Hbegf	2.06
344	Ier3	2.05
345	Nkg7	2.05
346	Sdcbp2	2.05
347	P2ry10	2.05
348	F5	2.05
349	Syk	2.05
350	Pik3r5	2.04
351	Cd247	2.04
352	Rab24	2.04
353	Bin2	2.03
354	Hbz	2.02
355	Stxbp2	2.02
356	Slamf6	2.01
357	RGD2301395	2
358	Ier5	2
359	Lmnb1	2
360	Cdc25b	1.99
361	Ngf	1.99
362	Myo1f	1.99
363	Crem	1.99
364	PVR	1.98

365	Ifitm1	1.98
366	Exo5	1.98
367	Retnlb	1.98
368	Arhgap30	1.98
369	Txk	1.98
370	Lck	1.97
371	Itgb7	1.97
372	Mefv	1.97
373	Bst1	1.97
374	Tlr6	1.97
375	Fosb	1.96
376	Parvg	1.96
377	Crem	1.96
378	Cd19	1.95
379	Igsf6	1.95
380	Def6	1.94
381	Hbe1	1.94
382	Cd2	1.94
383	Gch1	1.94
384	Csf2ra	1.94
385	Fes	1.93
386	Ncr3	1.92
387	Ctsw	1.92
388	Lat	1.92
389	Tmem71	1.92
390	Pik3cd	1.9
391	Clec4a2	1.9
392	Bpgm	1.9
393	R3hdm4	1.9
394	Serpib11	1.9
395	Il10	1.9
396	Srgn	1.89
397	Gpr4	1.89
398	Klr1a	1.89
399	Grap2	1.89
400	Car4	1.89
401	Rara	1.89
402	Fcer1g	1.89
403	Cd226	1.89
404	Gpsm3	1.88
405	Rrm2	1.88

406	Zap70	1.88
407	Cryab	1.88
408	Art2b	1.86
409	Ptger2	1.86
410	Lsp1	1.85
411	Epb42	1.85
412	Stfa3	1.85
413	Oas1h	1.85
414	Ncf1	1.85
415	Cd44	1.84
416	Txnrd1	1.84
417	Zdhhc18	1.83
418	Plk3	1.83
419	Ptpn6	1.83
420	Il10ra	1.83
421	Patz1	1.83
422	Rasgrp4	1.82
423	C1rl	1.82
424	Apobr	1.81
425	Arhgap15	1.81
426	Ripk3	1.81
427	Hpse	1.81
428	Ifit1	1.8
429	Ccrn4l	1.8
430	Sstr3	1.8
431	Skap1	1.8
432	Slc39a14	1.8
433	Prf1	1.79
434	Ucp2	1.79
435	Akna	1.79
436	Gimap7	1.79
437	Il2rb	1.79
438	Tmem156	1.79
439	Ptpn1	1.78
440	Vav1	1.78
441	Gata1	1.78
442	Gata1	1.78
443	Gfap	1.78
444	Spry1	1.77
445	Coq10b	1.77
446	Il7r	1.77

447	Phospho1	1.77
448	Myo1g	1.77
449	Map3k8	1.77
450	Pdk3	1.76
451	Runx1	1.76
452	Chrne	1.76
453	Lgals5	1.76
454	Itgb3	1.76
455	Hopx	1.76
456	RGD1306058	1.76
457	Itgal	1.75
458	Was	1.75
459	Cd83	1.75
460	Lcn2	1.74
461	Car2	1.74
462	Pla1a	1.74
463	Klrd1	1.73
464	Prg4	1.73
465	Bcar1	1.73
466	Cd6	1.72
467	Midn	1.72
468	Hist1h2ail	1.72
469	Muc20	1.71
470	Rgs18	1.71
471	Gzmb	1.71
472	Gdf15	1.71
473	Egr2	1.7
474	Dapp1	1.7
475	Slc4a1	1.7
476	Lcp2	1.7
477	Klf1	1.7
478	Ahsp	1.69
479	Bcl2l11	1.69
480	Bcl2l11	1.69
481	Fyb	1.69
482	Cnr2	1.69
483	Rab11fip1	1.69
484	Gca	1.68
485	Myc	1.68
486	Tmem86b	1.66
487	Clcf1	1.66

488	Tnfrsf1b	1.66
489	RGD1304595	1.66
490	Btg1	1.66
491	Ybx3	1.65
492	Abtb1	1.65
493	Myd88	1.65
494	H3f3b	1.65
495	Orai1	1.65
496	Arhgap8	1.64
497	Icam1	1.64
498	Prkcq	1.64
499	Gadd45g	1.64
500	Fjx1	1.63
501	Mir126	1.63
502	Lgals2	1.63
503	Mpeg1	1.62
504	Trat1	1.62
505	Cd300lf	1.62
506	Trib3	1.61
507	Rhbdf2	1.61
508	Vps37b	1.61
509	Id1	1.6
510	Il1rap	1.6
511	Rhbdf2	1.6
512	Hist1h2ba	1.6
513	Fbxo27	1.59
514	Plcb2	1.59
515	Vcan	1.59
516	Hk2	1.59
517	Tgif1	1.58
518	Prdx5	1.57
519	Chst11	1.57
520	Rasal3	1.57
521	Pfkfb4	1.57
522	Cd14	1.57
523	LOC308990	1.56
524	Slc15a3	1.56
525	Sla	1.56
526	Ptgs2	1.56
527	Jak3	1.56
528	Ass1	1.55

529	LOC367975	1.55
530	Gmip	1.55
531	Sik1	1.54
532	Ezr	1.54
533	Srxn1	1.54
534	Snx18	1.54
535	Epha1	1.54
536	Inpp5d	1.54
537	Bmx	1.54
538	Fbxl5	1.54
539	Rab11fip1	1.54
540	Slc23a2	1.53
541	Maff	1.53
542	Il1rap	1.53
543	Ctse	1.53
544	Neurl3	1.52
545	Arrb2	1.52
546	Relt	1.51
547	Map4k1	1.51
548	Hdc	1.51
549	Ppp1r3d	1.51
550	LOC500300	1.51
551	Dgka	1.51
552	Cyth4	1.51
553	Dusp1	1.51
554	Evi2a	1.51
555	Ikzf1	1.51
556	Aoah	1.51
557	Pik3ap1	1.5
558	Ceacam1	1.5
559	Tnfrsf9	1.5
560	Zyx	1.5
561	Slc40a1	1.5
562	RGD1562136	1.5
563	Psd4	1.49
564	Smap2	1.49
565	Hemgn	1.49
566	Sorl1	1.49
567	Trpm2	1.48
568	Pkib	1.48
569	Pde4b	1.48

570	Slc38a5	1.48
571	Plat	1.48
572	Cd37	1.47
573	Lbr	1.47
574	Osgin1	1.47
575	Tax1bp1	1.46
576	Batf	1.46
577	Fcho1	1.46
578	Riok3	1.46
579	Pkib	1.45
580	Pkib	1.45
581	Ifngr1	1.45
582	Vcan	1.45
583	Dio2	1.44
584	Adam19	1.44
585	Ptgir	1.43
586	Dhrs9	1.43
587	Arid3a	1.43
588	Ceacam1	1.42
589	Stom	1.42
590	Fos	1.42
591	St8sia4	1.42
592	Ceacam1	1.41
593	Klrk1	1.41
594	Gprc5a	1.41
595	Rassf1	1.41
596	Osmr	1.4
597	Steap4	1.4
598	Max	1.4
599	Bcl2a1	1.4
600	Ppif	1.4
601	Tmem2	1.39
602	Baz1a	1.39
603	Tf	1.39
604	RGD1563888	1.39
605	Fam43a	1.37
606	Tk1	1.37
607	Pdlim1	1.36
608	Bcl6	1.36
609	Cd200r1	1.36
610	Ppp1r15a	1.35

611	Ceacam1	1.35
612	Ankrd1	1.35
613	Retnla	1.35
614	Hist1h2bk	1.35
615	Adck4	1.34
616	Dot1l	1.33
617	Bcl2l1	1.32
618	Il1rl1	1.32
619	Vcan	1.31
620	Lef1	1.31
621	Diaph1	1.31
622	Mboat7	1.3
623	Mboat7	1.3
624	Rhd	1.3
625	Flnc	1.3
626	Rabgef1	1.3
627	Zfand2a	1.3
628	Ago2	1.29
629	Nfkbia	1.29
630	Limd2	1.29
631	Ptprcap	1.28
632	Utd1	1.28
633	Bcl2l1	1.28
634	Grem1	1.28
635	Alpl	1.28
636	Clec12a	1.28
637	H2afj	1.28
638	H2afj	1.28
639	Ifrd1	1.28
640	Fam107b	1.28
641	Rassf1	1.27
642	Phf11	1.27
643	Rgs19	1.26
644	Tifa	1.26
645	Stk10	1.26
646	Cd84	1.26
647	Prr7	1.26
648	Nfkbie	1.25
649	Trpt1	1.24
650	Nckap1l	1.24
651	Evi2b	1.24

652	Hist1h2af	1.24
653	P2ry2	1.23
654	Vcan	1.23
655	Arrdc3	1.23
656	Lmbr1l	1.23
657	Vps54	1.23
658	Grk6	1.23
659	Grk6	1.23
660	Grk6	1.23
661	Lyn	1.22
662	Lyn	1.22
663	Sash3	1.22
664	Slc25a39	1.22
665	Eil	1.22
666	Lpcat2	1.22
667	Angptl4	1.19
668	Donson	1.19
669	Map2k3	1.19
670	Map2k3	1.19
671	Spry2	1.19
672	Iffo1	1.18
673	Rnf10	1.18
674	Irak2	1.17
675	Sptb	1.17
676	C3	1.17
677	Il1r1	1.17
678	Sep-05	1.17
679	Wsb1	1.17
680	Cyp2s1	1.16
681	Soat1	1.16
682	Arpc1b	1.16
683	Trpv4	1.16
684	Pde4d	1.15
685	Hspb7	1.15
686	Odc1	1.15
687	Akap2	1.14
688	Agap2	1.14
689	Rrp9	1.14
690	Rlim	1.14
691	Rlim	1.14
692	Grap	1.14

693	Il6r	1.13
694	Gzmm	1.13
695	Prkab1	1.13
696	Slc25a37	1.13
697	Bhlhe40	1.12
698	Mgrn1	1.12
699	Hist1h4b	1.12
700	Pde4d	1.11
701	Pde4d	1.11
702	Cpne8	1.11
703	Tspo	1.11
704	Nabp1	1.11
705	Nudt9	1.11
706	Hist1h2bl	1.11
707	Nipa2	1.1
708	Samhd1	1.1
709	Ets1	1.1
710	Arl5c	1.1
711	Dnajb1	1.1
712	Adora2a	1.09
713	Pde4d	1.09
714	Mar-03	1.09
715	Pmaip1	1.09
716	Rasgrp2	1.08
717	Rcl1	1.08
718	Rassf2	1.08
719	Rbm3	1.08
720	Tmem252	1.07
721	Pde4d	1.07
722	Cxcr5	1.07
723	Gfpt2	1.07
724	Uap1	1.07
725	Sh3bp2	1.07
726	Tmem173	1.07
727	Rhog	1.06
728	Gpr171	1.06
729	LOC689574	1.06
730	LOC689574	1.06
731	Ppan	1.06
732	Tinf2	1.06
733	Npy	1.05

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735	Hist1h2bh	1.05
736	Ctu2	1.05
737	Hps5	1.04
738	Hamp	1.04
739	Zc3h12d	1.04
740	Cd274	1.04
741	Ankrd33b	1.04
742	Gem	1.04
743	St3gal4	1.04
744	Fth1	1.03
745	Il2rg	1.03
746	Sifn2	1.03
747	Mafk	1.03
748	Phf11b	1.03
749	Tnip2	1.03
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754	Ifngr2	1.02
755	Actg1	1.02
756	Traf7	1.02
757	LOC257642	1.02
758	Hist1h2bo	1.02
759	Itga5	1.01
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761	Edn1	1.01
762	Hmgb2	1.01
763	Ptpn2	1.01
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766	Efhd2	1
767	Hif1a	1
768	Birc2	1
769	Niacr1	1
770	Gpr183	1
771	Zfp523	-1
772	Tfam	-1
773	Rpp30	-1
774	Ap2a1	-1

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792	Ptp4a3	-1
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794	Ppp2r5c	-1
795	Trip12	-1
796	Rbm6	-1
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798	Pdcd7	-1
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2623	Aspa	-1.36
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3776	Fig4	-1.63
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4105	Nabp2	-1.72
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4141	Cyp2d4	-1.73
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4715	Fn3krp	-1.98
4716	Tomm40l	-1.98
4717	Fmo4	-1.98
4718	Gatsl3	-1.98
4719	Ushbp1	-1.98
4720	Ehd2	-1.99
4721	Sbsn	-1.99
4722	Adamtsl4	-1.99
4723	C1qa	-1.99
4724	Lpar1	-1.99
4725	Wwp1	-1.99
4726	Serpina12	-1.99
4727	Smc6	-1.99
4728	Pam	-1.99
4729	Scg3	-1.99
4730	Scn3b	-1.99
4731	Gnb5	-1.99
4732	C1galt1c1	-1.99
4733	Ctps2	-1.99
4734	Gpm6b	-1.99
4735	Armcx1	-1.99
4736	Armcx1	-1.99
4737	Fopnl	-1.99
4738	Thsd1	-1.99
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4741	Stmn3	-2
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4973	Tm4sf4	-2.15
4974	Nuak1	-2.15
4975	Hoxc8	-2.15
4976	Sec23a	-2.15
4977	Itgb5	-2.15
4978	Tmem50b	-2.15
4979	Cadps	-2.15
4980	MGC108823	-2.15
4981	Hace1	-2.16
4982	Pgm5	-2.16
4983	Apbb1	-2.16
4984	Olfml1	-2.16
4985	Acadsb	-2.16

4986	Nnat	-2.16
4987	Hrh3	-2.16
4988	Reck	-2.16
4989	Fut8	-2.16
4990	Aldh6a1	-2.16
4991	Gpr116	-2.16
4992	Rcan2	-2.16
4993	Twsg1	-2.16
4994	Abhd14b	-2.16
4995	Ptrf	-2.16
4996	Cnrip1	-2.16
4997	Kif5b	-2.16
4998	Isoc1	-2.16
4999	Cyb5a	-2.16
5000	Cd24	-2.17
5001	B3gnt1	-2.17
5002	B3gnt1	-2.17
5003	Gsn	-2.17
5004	Pkia	-2.17
5005	Klf15	-2.17
5006	Vamp1	-2.17
5007	Apc2	-2.17
5008	Crip2	-2.17
5009	Rbp1	-2.17
5010	Itgb4	-2.17
5011	Srebf1	-2.17
5012	Mar-02	-2.17
5013	Stx2	-2.17
5014	Coprs	-2.17
5015	Fto	-2.17
5016	Susd2	-2.18
5017	Cdkn1c	-2.18
5018	Hspa12b	-2.18
5019	Chrm2	-2.18
5020	Fez1	-2.18
5021	MGC109340	-2.18
5022	Tmem35	-2.18
5023	Srebf1	-2.18
5024	LOC100366054	-2.18
5025	Fzd4	-2.19

5026	Nkain4	-2.19
5027	Wdsub1	-2.19
5028	Crot	-2.19
5029	Coq10a	-2.19
5030	Nefh	-2.19
5031	Mrpl49	-2.2
5032	Cdkn1c	-2.2
5033	Snurf	-2.2
5034	Dnajc10	-2.2
5035	Gcom1	-2.2
5036	Pfkfb1	-2.2
5037	Cypr1	-2.2
5038	Alcam	-2.2
5039	Mapt	-2.2
5040	RGD1310587	-2.2
5041	Spock1	-2.2
5042	Ndr4	-2.2
5043	Fgf1	-2.2
5044	Cdkn1c	-2.21
5045	Snurf	-2.21
5046	Nr2f2	-2.21
5047	Nnat	-2.21
5048	Chgb	-2.21
5049	Bdh2	-2.21
5050	Cidec	-2.21
5051	Scn2b	-2.21
5052	Acad11	-2.21
5053	RGD1306063	-2.21
5054	Arhgef40	-2.21
5055	Ndr4	-2.21
5056	Ndr4	-2.21
5057	Ddah2	-2.22
5058	Nnat	-2.22
5059	Pgm1	-2.22
5060	Cidec	-2.22
5061	Cidec	-2.22
5062	RGD1563325	-2.22
5063	Nfic	-2.22
5064	Sycp3	-2.22
5065	Sptssa	-2.22
5066	Pid1	-2.22

5067	Epb41l3	-2.22
5068	Tmem255a	-2.22
5069	Sec14l1	-2.22
5070	Pbx1	-2.22
5071	Ndr4	-2.22
5072	Ndr4	-2.22
5073	Ccnd1	-2.23
5074	Nnat	-2.23
5075	Synpo2	-2.23
5076	Bche	-2.23
5077	Cpt2	-2.23
5078	Eapp	-2.23
5079	Meox2	-2.23
5080	At1	-2.23
5081	Ankrd23	-2.23
5082	Fasn	-2.23
5083	Ndr2	-2.23
5084	Ndr2	-2.23
5085	Ndr2	-2.23
5086	Ndr4	-2.23
5087	MGC108823	-2.23
5088	Ddah2	-2.24
5089	Olr63	-2.24
5090	Stmn2	-2.24
5091	C6	-2.24
5092	LOC100912292	-2.24
5093	Krt2	-2.24
5094	Sult4a1	-2.24
5095	MGC116197	-2.24
5096	Htr3a	-2.24
5097	Cadm3	-2.24
5098	Pbx1	-2.24
5099	Tmem120b	-2.24
5100	Ndr2	-2.24
5101	Prkg2	-2.24
5102	Hint3	-2.25
5103	Epb41l1	-2.25
5104	Oxtr	-2.25
5105	Dguok	-2.25
5106	Pfkfb1	-2.25

5107	Arvcf	-2.25
5108	Eci1	-2.25
5109	Rgs5	-2.25
5110	Pgam2	-2.25
5111	Acot13	-2.25
5112	Epb4111	-2.26
5113	RGD1565616	-2.26
5114	Car3	-2.26
5115	Htr3b	-2.26
5116	Nek7	-2.26
5117	Dmtn	-2.26
5118	Dnm1	-2.27
5119	Map1a	-2.27
5120	Hmgcs1	-2.27
5121	Pdia4	-2.27
5122	Mgll	-2.27
5123	Avil	-2.27
5124	Tmem14a	-2.27
5125	Ctdspl	-2.27
5126	Pfkfb1	-2.27
5127	Atp1a2	-2.27
5128	Fmo1	-2.27
5129	Dpysl2	-2.27
5130	Cbr4	-2.27
5131	Scn1b	-2.28
5132	LOC100363112	-2.28
5133	Snap25	-2.28
5134	Palmd	-2.28
5135	Enpp2	-2.28
5136	Kank3	-2.28
5137	Tmod2	-2.28
5138	Atp1b1	-2.28
5139	Shisa3	-2.28
5140	Rit2	-2.28
5141	Scn1b	-2.29
5142	Prkra	-2.29
5143	Ncs1	-2.29
5144	Pfkm	-2.29
5145	Phyh	-2.29
5146	Scn1b	-2.3

5147	Bmyc	-2.3
5148	Snap25	-2.3
5149	Snap25	-2.3
5150	Lifr	-2.3
5151	Kif1b	-2.3
5152	Col14a1	-2.3
5153	Rab6b	-2.3
5154	Tagln3	-2.3
5155	Gnao1	-2.3
5156	Calhm2	-2.31
5157	Atl3	-2.31
5158	Il33	-2.31
5159	Tek	-2.31
5160	Arhgef9	-2.31
5161	Gkap1	-2.31
5162	Sorbs2	-2.31
5163	Zc2hc1a	-2.32
5164	Tie1	-2.32
5165	Cxcl12	-2.32
5166	Tspan8	-2.32
5167	Lancl1	-2.32
5168	Pcp4	-2.32
5169	Wnt5a	-2.32
5170	Rbfox2	-2.33
5171	Ngfr	-2.33
5172	Sep-08	-2.33
5173	Akr1e2	-2.33
5174	Cyp2t1	-2.34
5175	Gstm3	-2.34
5176	Tmem218	-2.34
5177	Tagln3	-2.34
5178	Phlda3	-2.34
5179	Eci3	-2.34
5180	Tppp3	-2.34
5181	Uap1l1	-2.35
5182	Pkhd1l1	-2.35
5183	Pcp4	-2.35
5184	Gap43	-2.35
5185	Mar-01	-2.35
5186	Ces1d	-2.35
5187	Hint3	-2.36

5188	Chpt1	-2.36
5189	Cgnl1	-2.36
5190	Fgfr1	-2.36
5191	Scn7a	-2.37
5192	Fcrl2	-2.37
5193	Fxyd2	-2.37
5194	Gpx3	-2.37
5195	Pxmp2	-2.37
5196	LOC291863	-2.37
5197	Sep-10	-2.38
5198	Clip3	-2.38
5199	Clip3	-2.38
5200	Apba1	-2.38
5201	Tmem176b	-2.38
5202	Tmem176b	-2.38
5203	Tmem176b	-2.38
5204	Rnase4	-2.38
5205	Tmem55a	-2.39
5206	Tmem176b	-2.39
5207	Tmem176b	-2.39
5208	Reep1	-2.39
5209	Pecr	-2.39
5210	Fxyd2	-2.39
5211	Syt4	-2.39
5212	Lxn	-2.4
5213	Gja5	-2.4
5214	RGD1309821	-2.4
5215	Ebf2	-2.4
5216	RGD1309730	-2.41
5217	Tmem176b	-2.41
5218	Tmem176b	-2.41
5219	Ramp2	-2.41
5220	Ttl	-2.42
5221	Lrrc17	-2.42
5222	Ntn4	-2.42
5223	Ccdc80	-2.42
5224	Nat8l	-2.42
5225	Sult1a1	-2.43
5226	Parva	-2.43
5227	Igf1	-2.43
5228	Igf1	-2.43

5229	Islr	-2.43
5230	Chrna7	-2.44
5231	Sox18	-2.44
5232	Cbx6	-2.44
5233	Palm	-2.44
5234	Slc36a2	-2.44
5235	Rufy3	-2.44
5236	Cxcl12	-2.45
5237	Nfix	-2.45
5238	Nox4	-2.46
5239	Antxr1	-2.46
5240	Spock2	-2.47
5241	Tef	-2.47
5242	Map2	-2.47
5243	Aox3	-2.47
5244	Ntn1	-2.47
5245	Eef1a2	-2.48
5246	Igf1	-2.48
5247	Igf1	-2.48
5248	Rgs4	-2.48
5249	Atp2b4	-2.48
5250	Calml3	-2.48
5251	Gpam	-2.49
5252	Gstm6l	-2.49
5253	Dhcr24	-2.49
5254	Dhrs3	-2.49
5255	Klhl7	-2.49
5256	Fam13a	-2.5
5257	Pirt	-2.5
5258	Slc22a3	-2.51
5259	Smim1	-2.51
5260	Inmt	-2.51
5261	Scrn1	-2.51
5262	Nefl	-2.51
5263	Tub	-2.52
5264	Adh1	-2.52
5265	Cd320	-2.52
5266	Myrip	-2.52
5267	Mtss1l	-2.52
5268	Zfp521	-2.52
5269	Capn5	-2.53

5270	Sord	-2.53
5271	Timp4	-2.53
5272	Sbsn	-2.54
5273	Edn3	-2.54
5274	Emcn	-2.55
5275	RGD1563072	-2.55
5276	RGD1563072	-2.55
5277	Hand1	-2.55
5278	Aldh3a1	-2.55
5279	Kifap3	-2.55
5280	Nfia	-2.56
5281	Evc	-2.56
5282	Syn2	-2.57
5283	Pparg	-2.57
5284	Pparg	-2.57
5285	Lpl	-2.57
5286	Ctnnal1	-2.58
5287	Caskin2	-2.58
5288	Syp	-2.59
5289	Sptbn1	-2.59
5290	Pygm	-2.6
5291	Rtn4r	-2.6
5292	Acsl1	-2.6
5293	Sepp1	-2.61
5294	Sepp1	-2.61
5295	Pparg	-2.61
5296	Nedd4	-2.61
5297	Ccdc8	-2.63
5298	Plscr4	-2.63
5299	Mis12	-2.63
5300	Angptl1	-2.63
5301	Cby1	-2.64
5302	Pnpla3	-2.64
5303	Cbr3	-2.64
5304	Abcd2	-2.65
5305	Ddr2	-2.65
5306	Fam198b	-2.66
5307	Rab3c	-2.67
5308	Agmo	-2.67
5309	Gpr81	-2.67
5310	Cox6a2	-2.68

5311	Plxnd1	-2.69
5312	Elavl2	-2.7
5313	Napb	-2.71
5314	Camk2n1	-2.71
5315	Gpd1l	-2.71
5316	Cma1	-2.71
5317	Kif5a	-2.72
5318	Nefm	-2.72
5319	Syt11	-2.73
5320	Cxcl12	-2.73
5321	PCOLCE2	-2.75
5322	Slc9a3r2	-2.75
5323	Gdf10	-2.75
5324	Cd248	-2.76
5325	Cd248	-2.76
5326	Cd248	-2.76
5327	Doc2b	-2.76
5328	Stk32a	-2.76
5329	Syn2	-2.77
5330	Ephx1	-2.77
5331	Ephx1	-2.77
5332	Ldb2	-2.77
5333	Nrp1	-2.77
5334	Arl4d	-2.78
5335	Hmgcs2	-2.79
5336	Idh1	-2.79
5337	Kank2	-2.79
5338	Cox6a2	-2.8
5339	Dkk2	-2.81
5340	Mrgprg	-2.83
5341	Fmo2	-2.83
5342	Lgals12	-2.85
5343	Calcrl	-2.85
5344	Scara5	-2.86
5345	Slc6a2	-2.86
5346	RGD1309362	-2.86
5347	Mx2	-2.89
5348	Syt1	-2.9
5349	Myoz1	-2.9
5350	Cplx2	-2.91
5351	Mir6321	-2.93

5352	Slc27a6	-2.95
5353	Myh2	-2.97
5354	Dbp	-2.98
5355	Slco2b1	-3
5356	Eno3	-3
5357	Aldh1a3	-3.01
5358	Gucy1a3	-3.02
5359	Tril	-3.02
5360	Ahnak	-3.08
5361	Myh8	-3.09
5362	Dpysl3	-3.11
5363	Igfbp5	-3.12
5364	Sult1d1	-3.16
5365	Sdpr	-3.23
5366	Cd34	-3.26
5367	Myh1	-3.27
5368	Tnfsf10	-3.28
5369	Cd34	-3.28
5370	Wisp2	-3.29
5371	Casq1	-3.3
5372	Chp2	-3.38
5373	Mettl7a	-3.43
5374	Actn3	-3.44
5375	Fabp9	-3.49
5376	Calml4	-3.5
5377	Tnnt3	-3.51
5378	Tnnt3	-3.51
5379	Tnnt3	-3.51
5380	Tnnt3	-3.51
5381	Tnnt3	-3.52
5382	Tnnt3	-3.52
5383	Tnnt3	-3.52
5384	Tnnt3	-3.52
5385	Tnnt3	-3.53
5386	Tnnt3	-3.53
5387	Tnnt3	-3.53
5388	Tnnt3	-3.53
5389	Tnnt3	-3.53
5390	LOC259245	-3.55
5391	Mup5	-3.57
5392	LOC259244	-3.57

5393	RGD1566134	-3.67
5394	LOC298116	-3.67
5395	LOC259246	-3.68
5396	Obp3	-3.73
5397	Obp3	-3.73
5398	Obp3	-3.74
5399	Mup4	-3.8
5400	Rbp7	-3.82
5401	Mup4	-3.85
5402	Ckm	-4
5403	Mylpf	-4.03
5404	LOC298111	-4.08
5405	Atp2a1	-4.11
5406	Tnnc2	-4.16
5407	Pvalb	-4.17
5408	Myl1	-4.23
5409	Myl1	-4.29
5410	Myh4	-4.36
5411	Tnni2	-4.45
5412	Pck1	-4.72

SUPPLEMENTAL TABLE 3: HYPOXIA THROMBOTIC

S.No.	Gene_symbol	Log fold change
1	Il1r2	7.46
2	Mt1a	6.32
3	Mt2A	6.29
4	Trem1	6.04
5	Il6	6.03
6	Ccl2	6.02
7	S100a8	5.97
8	S100a9	5.9
9	Hp	5.89
10	Cxcl2	5.87
11	Ptx3	5.85
12	Slpil2	5.81
13	Pglyrp1	5.7
14	Osm	5.68
15	Nos2	5.67
16	Slpi	5.56
17	Ccl7	5.55
18	Lilrb4	5.48
19	RGD1565374	5.17
20	Cxcl1	5.16
21	Trem1	5.04
22	Mir147	4.93
23	Il1b	4.91
24	Prok2	4.91
25	Gp1bb	4.88
26	Clec4e	4.79
27	Mir223	4.72
28	Prok2	4.69
29	MGC105649	4.64
30	Mmp8	4.63
31	Csf3	4.57
32	Hmox1	4.54
33	Tnfaip6	4.48
34	Spp1	4.47
35	Slc16a3	4.46
36	Tfpi2	4.42
37	Csf3r	4.41

38	Gzmk	4.36
39	Plaur	4.2
40	Plaur	4.19
41	Sphk1	4.14
42	Cxcl3	4.14
43	Serpine1	4.13
44	Rnd1	4.12
45	Samsn1	4.11
46	Sphk1	4.11
47	Ceacam10	4.1
48	Ceacam10	4.1
49	Sphk1	4.1
50	Csrp3	4.08
51	Gp9	4.07
52	Has1	4.03
53	Slpil3	4
54	Sphk1	4
55	Fcnb	3.99
56	Socs3	3.98
57	F2rl2	3.95
58	Cxcr2	3.92
59	Tlr2	3.91
60	Sphk1	3.91
61	Sphk1	3.91
62	Napsa	3.9
63	Serpinb1a	3.9
64	Clec7a	3.88
65	Nfe2	3.88
66	Mb	3.88
67	LOC498276	3.85
68	Camp	3.84
69	Rgs1	3.84
70	Alox5ap	3.84
71	Cxcl5	3.82
72	Pf4	3.81
73	Alox12	3.8
74	LOC498276	3.78
75	Nrgn	3.77
76	Tnfrsf12a	3.77
77	Cox6a2	3.75
78	Cox6a2	3.75

79	Fcgr2a	3.75
80	Ppbp	3.75
81	Hspa1a	3.74
82	Pla2g7	3.74
83	Sell	3.71
84	Fcar	3.7
85	Trim63	3.69
86	Fosl1	3.65
87	Olr1	3.64
88	Clec4d	3.63
89	Phlda1	3.61
90	Ccl17	3.58
91	Clec1b	3.56
92	Ly6g6f	3.54
93	Cebpb	3.54
94	Thbs1	3.52
95	Ccl3	3.51
96	Hspa1b	3.49
97	Dusp2	3.49
98	Timp1	3.46
99	Plek	3.46
100	Fgl2	3.45
101	Elane	3.45
102	Serpinb11	3.45
103	Tnnc1	3.44
104	Lilrb3	3.41
105	Ccl5	3.41
106	Tgm1	3.4
107	Ankrd1	3.39
108	Oas1k	3.38
109	Hspa1l	3.36
110	Adamts4	3.36
111	Ch25h	3.31
112	Rrad	3.31
113	Tyrobp	3.29
114	Clec4b2	3.29
115	Sbno2	3.29
116	Acta1	3.28
117	Gadd45a	3.25
118	Apold1	3.25
119	Gzma	3.24

120	Csf2rb	3.22
121	Pvalb	3.21
122	Mxd1	3.2
123	Arid5a	3.2
124	Ccl4	3.2
125	Myoz1	3.2
126	C5ar1	3.19
127	Tnni2	3.19
128	Trim54	3.19
129	Pstpip1	3.19
130	Ckm	3.18
131	Junb	3.16
132	Tnnc2	3.15
133	Olfm4	3.15
134	Bcl3	3.14
135	Hspb1	3.14
136	Nkg7	3.13
137	RGD1564664	3.13
138	Degs2	3.13
139	Gp5	3.13
140	Mmp9	3.12
141	Chi3l1	3.12
142	Ccr7	3.09
143	Nfkbiz	3.08
144	Fcgr2b	3.08
145	Hk3	3.07
146	Nfil3	3.06
147	Myf6	3.04
148	LOC691141	3.03
149	Lst1	3.02
150	Myh1	3.02
151	Dusp5	3.01
152	Tnnt3	2.99
153	Il1rn	2.99
154	Serpib10	2.99
155	Tnnt3	2.98
156	Tnnt3	2.98
157	Tnnt3	2.98
158	Tnnt3	2.98
159	Tnnt3	2.98
160	Myh2	2.98

161	Atp2a1	2.95
162	Tnnt3	2.94
163	Tnnt3	2.94
164	Tnnt3	2.94
165	Tnnt3	2.94
166	Tnnt3	2.94
167	Tnnt3	2.94
168	Tnnt3	2.94
169	Ncf4	2.93
170	Dusp13	2.93
171	Dusp13	2.93
172	Atf3	2.92
173	Klhl41	2.91
174	Myl1	2.91
175	Csrnp1	2.91
176	Myh3	2.91
177	Gadd45b	2.9
178	Dok3	2.9
179	Ccr1	2.88
180	Nuak2	2.88
181	Ltb4r	2.88
182	Fetub	2.87
183	Stx11	2.86
184	Sod2	2.86
185	Myl1	2.86
186	Actn3	2.84
187	Glrx	2.84
188	Cd53	2.83
189	Adm	2.82
190	Serpina3n	2.82
191	Sat1	2.82
192	Cd69	2.8
193	Cebpd	2.8
194	Smpx	2.79
195	Ramp3	2.79
196	Nlrp12	2.78
197	Zfp36	2.78
198	Pygm	2.78
199	Sdc4	2.78
200	Zc3h12a	2.78
201	Gdf15	2.77

202	Ltb	2.76
203	Ctrb1	2.76
204	Sdcbp2	2.75
205	Cdkn1a	2.74
206	Ankrd2	2.74
207	Litaf	2.74
208	Selp	2.74
209	Clec4a2	2.73
210	Ifit3	2.71
211	Pim1	2.7
212	Jsrp1	2.7
213	Fgr	2.69
214	Ldb3	2.69
215	Ldb3	2.69
216	Spi1	2.68
217	S1pr4	2.68
218	Lyc2	2.68
219	Ldb3	2.68
220	Cryab	2.67
221	Rpl3l	2.67
222	Mir675	2.65
223	Myc	2.65
224	LOC299282	2.65
225	Mir24-1	2.65
226	Lyz2	2.64
227	Selpg	2.64
228	Egr2	2.63
229	Mylpf	2.63
230	Rbm38	2.63
231	Tmod4	2.63
232	Tmod4	2.63
233	Tmod4	2.63
234	Clec4f	2.63
235	Adams1	2.63
236	Tmod4	2.62
237	Tmod4	2.62
238	Arhgap25	2.62
239	Slc11a1	2.62
240	Gna15	2.61
241	Cd300a	2.61
242	Pgam2	2.61

243	Ugdh	2.61
244	Ly6g6c	2.59
245	Ngp	2.59
246	Srgn	2.58
247	Sema4a	2.58
248	Eno3	2.58
249	Gmpr	2.57
250	Trim72	2.56
251	Tnfrsf18	2.56
252	Ankrd23	2.56
253	Ncf2	2.56
254	Rab20	2.56
255	Lrg1	2.55
256	Plk3	2.54
257	P2ry13	2.53
258	Emb	2.53
259	Themis2	2.53
260	Tacc3	2.53
261	Hbb-b1	2.52
262	Mylk2	2.51
263	Mir21	2.51
264	LOC305806	2.51
265	PVR	2.5
266	Chac1	2.5
267	Smox	2.5
268	LOC100134871	2.49
269	LOC287167	2.49
270	Gp1ba	2.49
271	LOC689064	2.48
272	Pacrg	2.48
273	Sh2d2a	2.48
274	Hbb	2.46
275	Oscar	2.46
276	Ckmt2	2.45
277	Hbe1	2.44
278	Cyp4f18	2.44
279	Cd14	2.44
280	Tnfrsf14	2.43
281	Nr4a1	2.43
282	Upp1	2.43
283	Ier2	2.43

284	Hba1	2.42
285	Dhrs7c	2.42
286	Tlr1	2.42
287	Hamp	2.41
288	Art1	2.41
289	Ccl6	2.41
290	Socs1	2.41
291	Aqp9	2.4
292	Tmem154	2.39
293	Gpr4	2.38
294	Cd2	2.38
295	Slc2a1	2.37
296	Muc20	2.37
297	Casq1	2.37
298	Mybpc2	2.36
299	Wfdc15b	2.36
300	Plin2	2.36
301	Susd3	2.36
302	Ptafr	2.34
303	Hba2	2.34
304	Dhrs7c	2.34
305	Oas1d	2.34
306	Oas1d	2.34
307	Npy	2.33
308	Myot	2.33
309	Cxcr4	2.33
310	Rhoh	2.33
311	Myot	2.33
312	Myot	2.33
313	Tbc1d10c	2.32
314	H19	2.32
315	Il4r	2.32
316	Ampd1	2.32
317	Abra	2.32
318	Zfand2a	2.32
319	Coro1a	2.31
320	Hbegf	2.31
321	Npy	2.3
322	Arhgap9	2.3
323	Snx20	2.3
324	Rhov	2.29

325	Retnlg	2.29
326	LOC685157	2.29
327	Fermt3	2.28
328	Ccnl1	2.28
329	Dusp13	2.26
330	Dusp13	2.26
331	Ogfrl1	2.25
332	Pla1a	2.25
333	Crem	2.25
334	Gmfg	2.24
335	Birc3	2.24
336	Il10	2.24
337	Crem	2.24
338	Alas2	2.23
339	Cacng1	2.23
340	Lcp1	2.23
341	Mybpc1	2.22
342	Crem	2.22
343	Slc7a5	2.22
344	Egr1	2.22
345	Ier3	2.21
346	Il17ra	2.21
347	Acap1	2.21
348	Fcer1g	2.21
349	Myh4	2.2
350	Fmn11	2.2
351	Prg4	2.2
352	Slc39a14	2.19
353	Crem	2.19
354	Klrb1b	2.18
355	Cd52	2.17
356	Il2rb	2.17
357	Crem	2.17
358	Crem	2.16
359	Fosb	2.15
360	Fbxo27	2.15
361	Phospho1	2.15
362	Actn2	2.15
363	Glipr1	2.14
364	Gldn	2.14
365	Fitm1	2.14

366	G6b	2.13
367	Lilrc2	2.13
368	Gata1	2.13
369	Gata1	2.13
370	Sectm1b	2.13
371	Spry1	2.12
372	Arhgap9	2.12
373	Hhatl	2.12
374	Ier5	2.12
375	Clec5a	2.11
376	Stac3	2.11
377	Mov10	2.1
378	Rassf1	2.1
379	Mir295-2	2.09
380	Mir295-1	2.09
381	Mir295-2	2.09
382	Mir295-1	2.09
383	Ifitm1	2.09
384	Trib3	2.09
385	LOC689574	2.09
386	LOC689574	2.09
387	Ebi3	2.09
388	Cd3e	2.09
389	Nrap	2.08
390	Bin2	2.08
391	H3f3b	2.07
392	Btg2	2.07
393	Patz1	2.07
394	Fcgr1a	2.06
395	Cd3d	2.06
396	Srxn1	2.05
397	Serinc2	2.05
398	Tuba8	2.05
399	Hmha1	2.05
400	Nrap	2.04
401	Prdx5	2.04
402	Itgam	2.04
403	Osgin1	2.04
404	Lcn2	2.03
405	Runx1	2.03
406	Serpib2	2.03

407	Bst1	2.03
408	Crem	2.03
409	Dusp1	2.02
410	Hpse	2.02
411	Tmem156	2.02
412	Tlr6	2.02
413	Pdim1	2.01
414	Mybph	2.01
415	Mir3074	2.01
416	Crem	2.01
417	Bcar1	2.01
418	Tnfrsf9	2
419	Clec10a	2
420	Hist1h2ba	2
421	Ctsw	1.99
422	Cd27	1.99
423	Mlf1	1.98
424	Nkr-p1c	1.98
425	Rac2	1.98
426	Retnlb	1.98
427	Ccrn4l	1.97
428	Gk	1.97
429	Sep-05	1.97
430	Itgb2	1.96
431	Lilrb3l	1.96
432	Hspb7	1.96
433	Ptprc	1.96
434	Csf2ra	1.96
435	Lat	1.95
436	Actc1	1.95
437	Gfi1b	1.95
438	Ybx3	1.95
439	Ptprc	1.95
440	Ptprc	1.95
441	Ptprc	1.95
442	Gzmb	1.95
443	Gpsm3	1.94
444	Tax1bp1	1.94
445	Fosl2	1.94
446	Slfn3	1.94
447	Ptprc	1.94

448	Popdc3	1.93
449	Fjx1	1.93
450	Btg1	1.92
451	Dennd1c	1.92
452	Coq10b	1.92
453	Plat	1.92
454	Arhgap8	1.91
455	Orai1	1.91
456	Cd97	1.91
457	Oas1h	1.9
458	Rnf19b	1.89
459	Sh3bgr	1.89
460	Gfap	1.89
461	Ass1	1.88
462	Rbm3	1.88
463	Myh8	1.88
464	Akr1b8	1.87
465	Cd8a	1.87
466	Gpr132	1.87
467	Tgif1	1.87
468	Ppp1r15a	1.86
469	Xirp2	1.86
470	Vcan	1.86
471	Padi4	1.86
472	Rn5-8s	1.86
473	Cnr2	1.85
474	Icam1	1.85
475	Itk	1.85
476	Lax1	1.85
477	Odc1	1.84
478	Ptpn18	1.84
479	Oasl	1.84
480	Hck	1.83
481	Fosl2	1.83
482	Batf	1.83
483	Laptm5	1.82
484	Runx3	1.82
485	Ets2	1.82
486	Cacna1s	1.82
487	Ncr1	1.81
488	Clcf1	1.81

489	Ngf	1.81
490	Fam150b	1.81
491	Slc40a1	1.81
492	Rcl1	1.8
493	Ptpn22	1.8
494	RGD2301395	1.8
495	Gprc5a	1.8
496	Myh7	1.8
497	Ptpn6	1.79
498	Tnfsf9	1.79
499	Cd3g	1.79
500	Rrp9	1.79
501	Ccl22	1.79
502	Id1	1.78
503	Apobec2	1.78
504	LOC367975	1.78
505	Ripk3	1.78
506	Ptpn2	1.78
507	Hcls1	1.77
508	Myh6	1.77
509	Ppif	1.77
510	Itpkc	1.76
511	Hfe2	1.76
512	Pak1ip1	1.76
513	Rtn4rl2	1.74
514	Maff	1.74
515	lfrd1	1.74
516	Rassf1	1.74
517	Rn5-8s	1.73
518	Rn5-8s	1.73
519	Cyr61	1.73
520	Rn5-8s	1.73
521	Rn5-8s	1.73
522	LOC500300	1.73
523	Rn5-8s	1.73
524	LOC24906	1.73
525	Rn5-8s	1.73
526	Rrm2	1.71
527	Tifa	1.7
528	Myd88	1.7
529	Klhl40	1.7

530	Rgs18	1.7
531	Gch1	1.7
532	R3hdm4	1.69
533	Arrb2	1.69
534	Adck4	1.68
535	Cst7	1.68
536	Ppan	1.68
537	Kdm6b	1.68
538	Rassf5	1.68
539	Mir7a-1	1.68
540	Zap70	1.67
541	Spry2	1.67
542	Fth1	1.66
543	Vcan	1.66
544	Tnc	1.66
545	Tmc8	1.66
546	Prkcq	1.66
547	Cytip	1.65
548	Gpr171	1.65
549	Hist1h2ail	1.65
550	Ii21r	1.64
551	Trpt1	1.64
552	Hist1h2bk	1.64
553	Ucp2	1.63
554	Klrb1a	1.63
555	Asb11	1.63
556	Cd247	1.63
557	Mss51	1.63
558	Lsp1	1.62
559	Bglap	1.62
560	Mktn1	1.62
561	Bcl2a1	1.62
562	Cd247	1.62
563	Hopx	1.62
564	Fmo5	1.61
565	Txnrd1	1.61
566	Rhd	1.6
567	Unc13d	1.6
568	Rab24	1.6
569	Sema4d	1.6
570	Slc15a3	1.59

571	Bcl2l1	1.59
572	Steap4	1.59
573	Trib1	1.59
574	Hbz	1.59
575	Mir24-2	1.59
576	RT1-DMa	1.58
577	RT1-DMa	1.58
578	Zdhhc18	1.57
579	Was	1.57
580	Trat1	1.57
581	Evi2a	1.57
582	Dnajb1	1.57
583	Hist2h4	1.56
584	Nrtn	1.56
585	Mefv	1.56
586	Gadd45g	1.56
587	RGD1306058	1.56
588	Myom2	1.56
589	Atf4	1.55
590	Nfkbia	1.55
591	Cd19	1.54
592	Gzmm	1.54
593	Fam43a	1.54
594	Hist1h2bh	1.54
595	Tubb6	1.54
596	Zyx	1.53
597	Tmem158	1.53
598	Ptger2	1.53
599	Hist1h2bo	1.53
600	Tmem86b	1.52
601	Sgms2	1.52
602	Abtb1	1.52
603	Klrd1	1.52
604	Lgals2	1.52
605	Nabp1	1.52
606	Prf1	1.51
607	F5	1.51
608	Fes	1.5
609	Snrpa	1.5
610	Bpgm	1.5
611	Parvg	1.5

612	Serpina3c	1.5
613	Map3k8	1.5
614	Enpp3	1.49
615	Mir29c	1.49
616	Egfl7	1.49
617	Mir29c	1.49
618	Myo1g	1.49
619	Sep-01	1.48
620	Bcl2l1	1.48
621	Epb42	1.48
622	Neurl3	1.48
623	Vps37b	1.48
624	Cd83	1.48
625	Haus8	1.48
626	LOC652956	1.47
627	LOC252890	1.47
628	Exo5	1.47
629	RGD1304595	1.47
630	Nlrp3	1.47
631	Stxbp2	1.47
632	Ncf1	1.47
633	Crlf2	1.47
634	Ctu2	1.47
635	Relt	1.46
636	Arhgap15	1.46
637	Sypl2	1.46
638	Lcp2	1.46
639	Lck	1.45
640	Mgp	1.45
641	Emp1	1.45
642	Fos	1.45
643	Il7r	1.44
644	P2ry10	1.44
645	Cd44	1.43
646	Cdc25b	1.43
647	Dapp1	1.43
648	Tal1	1.43
649	RGD1559482	1.43
650	Ctla2a	1.43
651	Taf1d	1.42
652	RGD1561778	1.41

653	Evi2b	1.41
654	Map4k1	1.4
655	Adora2a	1.39
656	Pkib	1.38
657	Hist1h2bd	1.38
658	Gnl3	1.38
659	Ifngr1	1.37
660	Cd84	1.37
661	Cxcl14	1.37
662	Rara	1.36
663	Uap1	1.36
664	Hist1h2bl	1.36
665	Ddx39a	1.36
666	Cbln2	1.36
667	Pkib	1.35
668	Car2	1.34
669	Cav3	1.34
670	Slc38a5	1.34
671	Lgals5	1.34
672	Noc4l	1.34
673	Pkib	1.33
674	Igsf6	1.33
675	Trdn	1.32
676	Actg1	1.32
677	Trpv4	1.32
678	Lmnb1	1.32
679	Hspb6	1.31
680	Bag3	1.31
681	Vcan	1.31
682	Ceacam1	1.3
683	Gpr183	1.3
684	Ldb3	1.3
685	Riok3	1.3
686	Smpdl3b	1.29
687	Cited4	1.29
688	Satb1	1.29
689	Skap1	1.29
690	Def6	1.28
691	Ampd3	1.28
692	Pdpn	1.28
693	Wsb1	1.28

694	Katnal1	1.28
695	Fam65b	1.28
696	Syk	1.28
697	Hrc	1.27
698	P2ry12	1.27
699	Rasal3	1.27
700	Rcan1	1.27
701	Gas5	1.27
702	Kcnab1	1.26
703	Map3k6	1.26
704	Zfp36l2	1.26
705	Katnal1	1.26
706	Ftl	1.25
707	Ptges	1.25
708	Gimap7	1.25
709	Itgb7	1.25
710	Zfp36l2	1.25
711	Rhbdf2	1.25
712	Aoah	1.25
713	Ptprcap	1.24
714	Vav1	1.24
715	Rhbdf2	1.24
716	Fgd3	1.24
717	Ceacam1	1.23
718	Mboat7	1.23
719	Mboat7	1.23
720	Slc17a7	1.23
721	B4galt5	1.23
722	Gfpt2	1.23
723	G0s2	1.23
724	Fbxl5	1.23
725	Cited2	1.22
726	Procr	1.22
727	Zfp593	1.22
728	Stk17b	1.22
729	Tmem38a	1.22
730	Ceacam1	1.21
731	Tcf21	1.21
732	Vcan	1.21
733	Tmem71	1.21
734	Chst11	1.21

735	Ctse	1.21
736	Hsph1	1.21
737	Nudt9	1.21
738	Rgs19	1.2
739	Gapdh-ps1	1.2
740	H2afj	1.2
741	H2afj	1.2
742	Tuba4a	1.2
743	Pdk3	1.2
744	LOC100360619	1.2
745	Mar-03	1.2
746	Lpxn	1.19
747	Ifit1	1.19
748	Snai1	1.19
749	Nop58	1.19
750	RGD1563888	1.19
751	Slc23a2	1.18
752	Midn	1.18
753	Ccl11	1.18
754	Cd226	1.18
755	Smap2	1.17
756	Sla	1.17
757	Inpp5d	1.17
758	Cks2	1.17
759	Tmem252	1.16
760	Car4	1.15
761	Wbscr22	1.15
762	Hist1h2an	1.15
763	Ldha	1.14
764	Snx18	1.14
765	Gapdh	1.14
766	LOC303448	1.14
767	Hist1h4b	1.14
768	Ceacam1	1.13
769	Fv1	1.13
770	Hspa5	1.13
771	RGD1563365	1.13
772	Pdlim3	1.13
773	Rasgrp4	1.12
774	Ahsp	1.12
775	Siah2	1.12

776	Fln	1.12
777	Irak2	1.12
778	RGD1562136	1.12
779	Rnf10	1.12
780	Edn1	1.12
781	Vasp	1.11
782	Ubtd1	1.11
783	Itga5	1.11
784	Arl5c	1.11
785	Lgals3	1.11
786	Hmgb2	1.11
787	Reg3g	1.1
788	Myo1f	1.1
789	Tspo	1.1
790	Fam107b	1.1
791	Lyl1	1.1
792	Mir3556b	1.09
793	Fbl	1.09
794	Snrpa1	1.09
795	Eif6	1.09
796	Stk4	1.09
797	Mir3556b	1.09
798	Prkab1	1.09
799	Isg20	1.08
800	Gem	1.08
801	Srm	1.08
802	Trpc6	1.08
803	Inhbb	1.08
804	Tnip2	1.08
805	Ninj1	1.08
806	U2af1	1.07
807	Srm	1.07
808	Polr1e	1.07
809	Pgf	1.07
810	Bcl6	1.07
811	Slc7a1	1.07
812	Hmga1	1.06
813	Sgk1	1.06
814	Fyb	1.06
815	Tpm3	1.06
816	Yrdc	1.06

817	Cyth4	1.06
818	Srsf2	1.06
819	Creg1	1.06
820	Dck	1.06
821	Sgk1	1.05
822	Ptpn1	1.05
823	Akna	1.05
824	Cpne8	1.05
825	Il1rap	1.05
826	Clic1	1.04
827	Sgk1	1.04
828	Fpgs	1.04
829	Ube2c	1.04
830	Klri1	1.04
831	Ptp4a3	1.04
832	Baz1a	1.04
833	Itgb1bp2	1.04
834	Eif4a1	1.04
835	Tmem2	1.03
836	Jun	1.03
837	Cdc34	1.03
838	Esam	1.03
839	Pinx1	1.03
840	Prr7	1.03
841	Diaph1	1.03
842	Rasgrp2	1.02
843	Pcna	1.02
844	Gca	1.02
845	Max	1.02
846	Arhgap30	1.02
847	Mafk	1.02
848	Il18bp	1.01
849	Thbd	1.01
850	Kcnj8	1.01
851	Plscr1	1.01
852	Hyal2	1.01
853	Il1rap	1.01
854	Ldb3	1.01
855	Stom	1
856	Gar1	1
857	Akr1b7	1

858	Bzw2	1
859	Jmjd6	1
860	Rgs16	1
861	Nip7	1
862	Lss	-1
863	Mettl10	-1
864	I7Rn6	-1
865	Fxyd1	-1
866	Pld3	-1
867	Apoe	-1
868	Wtap	-1
869	Wtap	-1
870	Irf2bp1	-1
871	Yif1b	-1
872	Bcat2	-1
873	Prkrir	-1
874	Coa4	-1
875	Ipo7	-1
876	Cd151	-1
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878	Chchd5	-1
879	Ssna1	-1
880	Ehmt1	-1
881	Mtx2	-1
882	Arhgap1	-1
883	Zc3h8	-1
884	Rnf114	-1
885	Zmat3	-1
886	Lrrcc1	-1
887	Ncdn	-1
888	Pole3	-1
889	Ufl1	-1
890	Rnf20	-1
891	Ergic2	-1
892	Rassf4	-1
893	Ptd3	-1
894	Retsat	-1
895	Hdac10	-1
896	Alkbh7	-1
897	Ndufb3	-1
898	LOC367117	-1

899	Prkcsb	-1
900	Crkl	-1
901	Dvl3	-1
902	Comt	-1
903	Dcxr	-1
904	Pigs	-1
905	Spns2	-1
906	RGD1309104	-1
907	Zfp238	-1
908	Cpne6	-1
909	Commd1	-1
910	Wrnip1	-1
911	Cmtr1	-1.01
912	Apoe	-1.01
913	Apoe	-1.01
914	Apoe	-1.01
915	Blvrb	-1.01
916	Ctsf	-1.01
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4564	Pdim2	-2.35
4565	Lonp2	-2.35
4566	Ces1d	-2.35
4567	Reep3	-2.36
4568	Spopl	-2.36
4569	Adipor2	-2.36
4570	Cald1	-2.36
4571	Smc6	-2.36
4572	Kidins220	-2.36
4573	Nnmt	-2.36
4574	C2cd2	-2.36
4575	Col8a1	-2.36
4576	Atp1b1	-2.36
4577	Cdc42bpa	-2.36
4578	Loxl2	-2.36
4579	Abcg3l3	-2.36
4580	Tlr3	-2.36
4581	Ccnd1	-2.37
4582	Sult1a1	-2.37
4583	Cat	-2.37
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4585	Gstm6l	-2.37
4586	Mme	-2.37
4587	Eps15	-2.37
4588	Me1	-2.37

4589	Cadm1	-2.37
4590	Car5b	-2.37
4591	Klhl4	-2.37
4592	Hand1	-2.37
4593	Fn3krp	-2.37
4594	Rgs7	-2.37
4595	Prkar1b	-2.37
4596	Syt9	-2.38
4597	Ptdss2	-2.38
4598	Itch	-2.38
4599	Inmt	-2.38
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4603	Bex2	-2.38
4604	Prelp	-2.38
4605	Zadh2	-2.38
4606	Acat2	-2.39
4607	Ptgfrn	-2.39
4608	Snx10	-2.39
4609	Dpysl5	-2.39
4610	Col5a3	-2.39
4611	Mxd4	-2.39
4612	Trim44	-2.4
4613	Lifr	-2.4
4614	Gnl3l	-2.4
4615	RGD1561157	-2.4
4616	Caskin2	-2.4
4617	Bmpr1a	-2.4
4618	Rock1	-2.4
4619	Wasf2	-2.41
4620	Ston1	-2.41
4621	Ppm1f	-2.41
4622	Abca8a	-2.41
4623	Rnase4	-2.41
4624	Slmap	-2.41
4625	Smarca2	-2.42
4626	Sema3c	-2.42
4627	RGD1563325	-2.42
4628	Aldh6a1	-2.42
4629	Yap1	-2.42

4630	Bace1	-2.42
4631	Dmd	-2.42
4632	Tusc5	-2.42
4633	Nefh	-2.42
4634	Ehd2	-2.43
4635	Sbsn	-2.43
4636	Mapk3	-2.43
4637	Fads1	-2.43
4638	Tspan18	-2.43
4639	Camk2d	-2.43
4640	Aco1	-2.43
4641	Resp18	-2.43
4642	Gas7	-2.43
4643	Steap3	-2.43
4644	Mir143	-2.43
4645	Epb41l1	-2.44
4646	Sepp1	-2.44
4647	Sepp1	-2.44
4648	Stmn1	-2.44
4649	Mxra8	-2.44
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4652	Nicn1	-2.44
4653	Ctdspl	-2.44
4654	Mrc2	-2.44
4655	Afap1	-2.44
4656	Pgm5	-2.45
4657	Ly6e	-2.45
4658	Crim1	-2.45
4659	Armex1	-2.45
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4663	Reck	-2.46
4664	Sec23a	-2.46
4665	Gnb5	-2.46
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4667	Mir6321	-2.46
4668	Cbr4	-2.46
4669	Napb	-2.47
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4672	Atl1	-2.47
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4674	Gmfb	-2.47
4675	Scarb2	-2.47
4676	Fads2	-2.48
4677	Isl1	-2.48
4678	Sv2c	-2.48
4679	Lrp6	-2.48
4680	Tef	-2.48
4681	Vmac	-2.48
4682	Fez1	-2.48
4683	Mar-01	-2.48
4684	Cd24	-2.49
4685	Clip3	-2.49
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4687	Smim1	-2.49
4688	Ptprn2	-2.49
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4692	Thra	-2.49
4693	Uhmk1	-2.49
4694	Nmnat2	-2.49
4695	Ebf2	-2.49
4696	Bmp6	-2.49
4697	Cdkn1c	-2.5
4698	Pc	-2.5
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4715	Mturn	-2.52
4716	Kif5a	-2.52
4717	Hspa13	-2.52
4718	Aldoc	-2.52
4719	Cpd	-2.52
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4721	Slc29a4	-2.52
4722	Nap1l5	-2.53
4723	Rrm2b	-2.53
4724	Xiap	-2.53
4725	Aspn	-2.53
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4727	Rab3a	-2.53
4728	Fndc1	-2.54
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4730	Pkhd1l1	-2.54
4731	Fam163a	-2.54
4732	Lmod1	-2.54
4733	Acbd5	-2.54
4734	Amph	-2.54
4735	Olfml1	-2.55
4736	Chrdl1	-2.55
4737	Prkg2	-2.55
4738	Gng3	-2.56
4739	Susd2	-2.57
4740	Ii33	-2.57
4741	Ddah1	-2.57
4742	Scrn1	-2.57
4743	Ppfibp1	-2.57
4744	Cxcl9	-2.57
4745	Mmp2	-2.57
4746	Cidea	-2.57
4747	Elovl6	-2.58
4748	Cadm3	-2.58
4749	Rmnd1	-2.59
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4752	Cdh19	-2.59

4753	Susd4	-2.59
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4757	Lrrn4cl	-2.61
4758	Nrp2	-2.61
4759	Dpysl2	-2.61
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4761	Omd	-2.61
4762	Isoc1	-2.61
4763	Pde3b	-2.62
4764	Add3	-2.62
4765	Zeb2	-2.62
4766	Dhrs3	-2.62
4767	Atp6v0e2	-2.62
4768	Enpp2	-2.62
4769	Tspan8	-2.62
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4787	Ctnnal1	-2.66
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4790	Tgfbr3	-2.66
4791	Tubb3	-2.66
4792	Plcb4	-2.67
4793	Arhgap29	-2.67

4794	Cyt11	-2.67
4795	Vps41	-2.67
4796	Adrb3	-2.67
4797	Gnao1	-2.67
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4799	Snap25	-2.68
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4807	Gda	-2.69
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4833	Tom1l2	-2.74
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4835	Tek	-2.75
4836	Mis12	-2.75
4837	Angptl1	-2.75
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4866	Tub	-2.85
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4869	Kif5b	-2.85
4870	Angptl2	-2.86
4871	Syp	-2.86
4872	Sbsn	-2.87
4873	Olr63	-2.88
4874	Ttl	-2.88
4875	Gpd1l	-2.88

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4878	PCOLCE2	-2.89
4879	Tagln3	-2.89
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4886	Synpo2	-2.91
4887	Sult4a1	-2.91
4888	Eln	-2.91
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4890	Drd2	-2.92
4891	Ppp1r12b	-2.92
4892	Syt11	-2.93
4893	Pparg	-2.93
4894	Tgfb2	-2.93
4895	Ppp2r2b	-2.93
4896	Pparg	-2.94
4897	Chrb4	-2.94
4898	Tagln3	-2.94
4899	Tppp3	-2.94
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4908	Hmgcs2	-2.97
4909	Arvcf	-2.97
4910	Utrn	-2.98
4911	Dbp	-2.98
4912	Bche	-2.98
4913	Kifap3	-2.98
4914	Cadps	-2.98
4915	Slc10a4	-2.98
4916	Ldb2	-2.98

4917	Ndr4	-2.98
4918	Ndr4	-2.98
4919	Ndr4	-2.98
4920	Rit2	-2.98
4921	Palm	-2.99
4922	Ddc	-2.99
4923	Ddc	-2.99
4924	Ndr4	-2.99
4925	Tmod2	-3
4926	Ncald	-3.01
4927	Ddc	-3.01
4928	Evc	-3.01
4929	Ndr4	-3.01
4930	Scd	-3.02
4931	Gpr81	-3.02
4932	Cplx2	-3.02
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4934	Atl3	-3.03
4935	Mettl7a	-3.03
4936	Nsg1	-3.04
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4938	Lgals12	-3.05
4939	Cd248	-3.05
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4942	Kank2	-3.05
4943	Pcp4	-3.06
4944	Adh1	-3.07
4945	Ddr2	-3.07
4946	Scn7a	-3.08
4947	Agpat2	-3.1
4948	Acly	-3.1
4949	Tnfsf10	-3.11
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4951	Plscr4	-3.11
4952	Mmp14	-3.11
4953	Calcr1	-3.12
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4958	Celf6	-3.13
4959	Rgs5	-3.13
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4963	Aldh1a3	-3.16
4964	Prkacb	-3.16
4965	Epb41l3	-3.16
4966	Cyb561	-3.16
4967	Slc18a2	-3.18
4968	Nfix	-3.18
4969	Nfia	-3.19
4970	Uchl1	-3.19
4971	Parva	-3.2
4972	Fgf1	-3.2
4973	Col1a1	-3.21
4974	Lpl	-3.21
4975	Ppp2r2b	-3.21
4976	Idh1	-3.22
4977	Gap43	-3.22
4978	Ntrk1	-3.23
4979	Rab3b	-3.23
4980	Alcam	-3.26
4981	Spock2	-3.27
4982	Tril	-3.28
4983	Lpin1	-3.28
4984	Htr3a	-3.28
4985	Ptrf	-3.28
4986	Tmem35	-3.29
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4994	Antxr1	-3.36
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4996	Slc36a2	-3.37
4997	Rgs4	-3.37
4998	Fam129a	-3.38

4999	Fmo2	-3.39
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5001	Scara5	-3.41
5002	Gucy1a3	-3.43
5003	Thy1	-3.44
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5005	Nrp1	-3.45
5006	Stk32a	-3.48
5007	Fabp9	-3.49
5008	Syn2	-3.49
5009	Atp2b4	-3.5
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5012	Capn5	-3.53
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5015	Dhcr24	-3.57
5016	Sult1d1	-3.58
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5020	Rbp7	-3.63
5021	Wisp2	-3.66
5022	Vip	-3.68
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5024	Prph	-3.75
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5026	Acaca	-3.82
5027	Stmn2	-3.83
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5030	Tns1	-3.92
5031	Dbh	-3.93
5032	Mx2	-4
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