

Cluster	Gene	LogFC	P_value	Adjusted_p_value
0	ENSMUSG00000000231730p14	nan	0.0	0.0
0	ENSMUSG0000000302375cc1a4	nan	0.0	0.0
0	ENSMUSG00000000041378Ckcn5	nan	0.0	0.0
0	ENSMUSG0000000031279Ckcn2a	nan	0.0	0.0
0	ENSMUSG000000002201037c2d1	nan	0.0	0.0
0	ENSMUSG00000000447375cpb1	nan	0.0	0.0
0	ENSMUSG000000003493137c1c1	nan	0.0	0.0
0	ENSMUSG000000003043137Cpyp1	nan	0.0	0.0
0	ENSMUSG00000000202648C7f1	nan	0.0	0.0
0	ENSMUSG00000000756023yfa	nan	0.0	0.0
0	ENSMUSG00000000454515gpn1	nan	0.0	0.0
0	ENSMUSG0000000006375Ccp2	nan	0.0	0.0
0	ENSMUSG00000000285225a2q2	nan	0.0	0.0
0	ENSMUSG00000004446C4a44	nan	4.2009e-318	7.08243697e-314
0	ENSMUSG0000000031946C5aam	nan	0.0	0.0
0	ENSMUSG000000000078723d3	nan	0.0	0.0
0	ENSMUSG000000003625C7ghp7	nan	0.0	0.0
0	ENSMUSG00000000000000000000	nan	2.92158630164409e-268	4.92550234594314e-264
0	ENSMUSG00000000323535cnc11	nan	2.6662126028669548e-270	4.49482371097599e-266
0	ENSMUSG00000000017754pmp1	nan	3.933089870565126e-251	6.62342409170599e-247
0	ENSMUSG000000005118CkX2	nan	6.14223503499399e-256	1.035514945496637e-251
0	ENSMUSG000000002057372bap13	nan	6.244175156970091e-235	1.052705496151921e-230
0	ENSMUSG0000000031338Cp1a	nan	8.539411156810248e-232	1.4396138637626039e-227
1	ENSMUSG000000756023yfa	nan	0.0	0.0
1	ENSMUSG000000003073625C7ghp7	nan	0.0	0.0
1	ENSMUSG000000000790183ydc1	nan	0.0	0.0
1	ENSMUSG00000000041378Ckcn5	nan	0.0	0.0
1	ENSMUSG00000000264575cc1a1	nan	0.0	0.0
1	ENSMUSG0000000001946C5aam	nan	1.528154662507770e-289	2.5727272979974e-285
1	ENSMUSG0000000020448C7f1	nan	1.85659837226813e-254	3.1384803237788e-250
1	ENSMUSG00000000302375cnc11	nan	3.631918028420606e-256	6.12350500411429e-252
1	ENSMUSG000000003043137Cpyp1	nan	3.725375403935008e-236	6.280610394394554e-232
1	ENSMUSG00000000185935cnc1	nan	1.7836681232800475e-235	3.77836681214832e-231
1	ENSMUSG00000004872737bap13	nan	4.138636292677816e-204	6.97732825707458e-200
1	ENSMUSG000000002779623yfa	nan	6.902921773851296e-219	1.163783265245340e-214
1	ENSMUSG00000000226637Ckcn20	nan	1.2369093186478417e-136	2.085293125847396e-132
1	ENSMUSG00000000254272bap13	nan	1.0630777530459188e-216	1.693087386031146e-212
1	ENSMUSG0000000023175Ckcn2	nan	5.589191143492259e-195	9.4211314888136e-191
1	ENSMUSG00000000006375Ccp2	nan	1.4737425893130728e-182	2.48488173152293e-178
1	ENSMUSG0000000031279Ckcn2a	nan	1.032483688816406e-182	1.7406645547358e-178
1	ENSMUSG00000000078723d3	nan	1.884343825743933e-167	3.176815320221694e-163
1	ENSMUSG00000000042545Ckcn2a	nan	1.62931537856013e-157	2.74658930825452e-153
1	ENSMUSG00000000000421378Ckcn5	nan	2.450081674758886e-157	4.133059246947094e-153
1	ENSMUSG000000003759Ckcn1	nan	1.924568745174897e-155	3.28412476496001e-151
1	ENSMUSG000000002201037c2d1	nan	4.0618842846021576e-145	6.84793212653431e-141
1	ENSMUSG0000000031946C5aam	nan	2.052595462022802e-136	3.468407470741424e-132
1	ENSMUSG00000000323535cnc11	nan	6.77372368937675e-139	1.142376730302025e-134
1	ENSMUSG000000002057372bap13	nan	6.53755260351403e-145	1.1031525793320764e-140
2	ENSMUSG0000000021665C7heab	nan	0.0	0.0
2	ENSMUSG0000000036887C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan	0.0	0.0
2	ENSMUSG000000003689C1cga	nan		