

Supplemental Table S3. 61 gegins about immune response and immune system process

GeneID	GeneName	N_FPKM	A_FPKM	p_value
ENSMUSG00000031217	Efnb1	13.6	27.5354	5.00E-05
ENSMUSG00000006342	Susd2	1.28427	2.96602	5.00E-05
ENSMUSG00000027398	Il1b	1.82176	0.884755	0.0047
ENSMUSG00000064039	Ccr11l	89.3255	42.6773	5.00E-05
ENSMUSG00000030413	Pglyrp1	3.4984	1.14468	0.00025
ENSMUSG00000037370	Enpp1	2.43686	1.0518	5.00E-05
ENSMUSG00000039005	Tlr4	2.94318	0.899423	5.00E-05
ENSMUSG00000027298	Tyro3	3.79627	7.87776	5.00E-05
ENSMUSG00000055609	Hba-x	497.604	137.724	5.00E-05
ENSMUSG00000046186	Cd109	11.209	5.37776	5.00E-05
ENSMUSG00000039146	Ifi44l	4.5467	1.98047	5.00E-05
ENSMUSG00000020453	Patz1	3.54316	8.16579	0.00025
ENSMUSG00000015437	Gzmb	24.2068	10.3701	5.00E-05
ENSMUSG00000041075	Fzd7	6.22948	13.825	5.00E-05
ENSMUSG00000028825	Rhd	1.709	0.342788	0.00015
ENSMUSG00000047246	Hist1h2be	1.56226	0.689988	0.00025
ENSMUSG00000069917	Hba-a2	84.838	2.00231	5.00E-05
ENSMUSG00000032554	Trf	58.0244	276.703	5.00E-05
ENSMUSG00000003420	Fcgrt	8.27411	21.9883	5.00E-05
ENSMUSG00000020437	Myo1g	5.62848	2.47568	0.00015
ENSMUSG00000028001	Fga	0.102363	14.6016	5.00E-05
ENSMUSG00000060586	H2-Eb1	1.98709	0.603007	5.00E-05
ENSMUSG00000062007	Hsh2d	1.62395	0.794842	0.00335
ENSMUSG00000044813	Shb	8.28147	18.3695	5.00E-05
ENSMUSG00000022037	Clu	9.20683	26.2837	5.00E-05
ENSMUSG00000037202	Prf1	27.2222	9.3623	5.00E-05
ENSMUSG00000032080	Apoa4	0.802864	43.5598	5.00E-05
ENSMUSG00000025889	Snca	8.71505	4.30043	5.00E-05
ENSMUSG00000000489	Pdgfb	6.81933	17.9571	5.00E-05
ENSMUSG00000015441	Gzmf	416.473	184.7	5.00E-05
ENSMUSG00000027514	Zbp1	3.86972	1.65931	0.00085
ENSMUSG00000032737	Inpp1l	11.8689	24.4274	5.00E-05
ENSMUSG00000002799	Jag2	6.98408	16.8368	5.00E-05

ENSMUSG00000028064 Sema4a	0.475073	1.76438	5.00E-05
ENSMUSG00000036856 Wnt4	1.12745	2.43559	5.00E-05
ENSMUSG00000022791 Tnk2	14.1417	29.8576	5.00E-05
ENSMUSG00000038855 Itpkb	7.95002	16.6394	5.00E-05
ENSMUSG00000017652 Cd40	4.74825	1.99639	0.0004
ENSMUSG00000033152 Podxl2	1.06567	3.09538	5.00E-05
ENSMUSG00000022887 Masp1	10.421	3.58182	5.00E-05
ENSMUSG00000079363 Gbp4	4.4799	1.86699	5.00E-05
ENSMUSG00000017344 Vtn	0.218522	6.1355	5.00E-05
ENSMUSG00000063727 Tnfrsf11b	41.0959	19.5726	5.00E-05
ENSMUSG00000060615 Ang4	2.78027	1.05894	0.00095
ENSMUSG00000032359 Ctsh	12.0713	30.0085	5.00E-05
ENSMUSG00000033831 Fgb	0.085324	5.60288	5.00E-05
ENSMUSG00000002603 Tgfb1	4.79007	10.2482	5.00E-05
ENSMUSG00000056071 S100a9	16.9544	8.36825	0.00045
ENSMUSG00000097328 Tnfsf12	1.87446	4.49694	0.0007
ENSMUSG00000055653 Gpc3	9.88292	25.9501	5.00E-05
ENSMUSG00000029298 Gbp9	2.12357	1.04436	0.0033
ENSMUSG00000059256 Gzmd	471.12	222.328	5.00E-05
ENSMUSG00000020399 Havcr2	5.84942	2.84655	5.00E-05
ENSMUSG00000033860 Fgg	0.174149	16.7491	5.00E-05
ENSMUSG00000029304 Spp1	204.449	87.3946	5.00E-05
ENSMUSG00000025804 Ccr1	1.80074	0.514292	5.00E-05
ENSMUSG00000022156 Gzme	188.936	78.965	5.00E-05
ENSMUSG00000073494 Sh2d1b2	1.92907	0.665256	5.00E-05
ENSMUSG00000041954 Tnfrsf18	0.560101	2.33708	5.00E-05
ENSMUSG00000022225 Cma1	7.13727	2.98618	5.00E-05
ENSMUSG00000034227 Foxj1	0.541585	1.65041	5.00E-05