

3w-up			3w-down			24w-up			24w-down			3w-24w both up		3w-24w both down		3w-down 24w-up		3w up only		24w up only		3w down only		24w down only	
Gene	FoldChange	pvalue	Gene	FoldChange	pvalue	Gene	FoldChange	pvalue	Gene	FoldChange	pvalue	Gene		Gene		Gene		Gene		Gene		Gene		Gene	
Irgm2	4.478218	2.72E-19	Adcy5	-1.57568	2.51E-06	Vgll3	1.732986	3.16E-05	Mafa	-2.882	3.92E-06	Irgm2		Adcy5		Cry1		Stat1		Arntl		2010111i01rik		Lingo1	
Ephx1	2.897107	6.93E-09	C1qtnf7	-1.69475	1.59E-05	Arntl	6.043081	3.52E-05	Kcnf1	-2.17608	5.69E-06	Ephx1		C1qtnf7		Efhd2		Tubb2a		Igfbp2		Gas1		Tmem95	
Stat1	2.948447	1.19E-08	2010111i0	-1.53097	1.7E-05	Rab6b	1.956205	0.000131	Lingo1	-4.40781	5.60E-05	H2-Q4		Zfp423				Scrn1		Atf3		Pmepa1		Mafa	
H2-Q4	2.89708	2.38E-07	Gas1	-1.59615	2.18E-05	Igfbp2	2.976413	0.000137	Metrl	-1.69929	7.74E-05	Rras2		Rhbdl3				Mkl		Ankrd1		Tspan13		Lgals2	
Tubb2a	2.0334	1.24E-05	Pmepa1	-1.53579	2.99E-05	Specc1	1.469599	0.000384	Inhbb	-1.93742	0.000101	Tnfrsf12a		Kcng2				Nfkbie		Rab6b		Sulf1		Kcnf1	
Scrn1	2.38119	1.71E-05	Tspan13	-1.73477	4.21E-05	Cerk	1.837833	0.00045	Cldn5	-1.55805	0.000139	Emilin1		Snx31				Myof		Adamts4		Lor		Gbx1	
Rras2	1.590693	0.000345	Sulf1	-1.83356	0.00013	Pde3b	1.628564	0.000732	Zfp423	-1.68846	0.000192	H2-Q6		Foxl1				S100a13		Cerk		Klh29		Inhbb	
Mkl	2.167699	0.000692	Nphs1	-1.49591	0.000226	Aif1l	1.294173	0.001445	Foxl1	-1.83253	0.000598	Golm1		Gja3				Pknx2		Mmp17		Epha6		Sox8	
Nfkbie	1.932925	0.000899	Lor	-1.86477	0.000988	Sh3bp4	1.709507	0.001542	Angptl2	-1.63078	0.000839	Slco2a1		Mgat5b				Mpp3		Cnp		Arhgef26		Mylk3	
Myof	1.724211	0.001044	Zfp423	-1.64392	0.001114	Gab2	1.295322	0.00222	Lmx1b	-1.41423	0.001029	Ifngr1		Nphs1				Pla2g7		Vgll3		Extl1		Bambi	
Ormdl3	1.394247	0.00169	Rhbdl3	-1.57924	0.001128	Pros1	1.639305	0.002389	Gbx1	-2.16535	0.001047	Pros1		Angptl2				Uprt		Arhgap19		Lct1		Glp1r	
S100a13	2.039172	0.001778	Vash1	-1.43004	0.00188	Cnp	1.749571	0.003725	Rnf150	-1.45661	0.001294	Megf9		Nxn				Btg2		Synj2		Wsb2		Bhlhe41	
Pknx2	1.653464	0.001779	Ddn	-1.46166	0.002464	Golm1	1.630481	0.004171	Lrrc49	-1.4506	0.003286	Sh3bp4		Chst1				Gpsm3		Charp		Lrrc10b		Dync1i1	
Mpp3	2.28973	0.001808	Mtcl1	-1.3523	0.002754	Sh3pxd2a	1.502623	0.00426	Nxph3	-1.52098	0.004705	Pde3b		Ddn				Hip1		Peli3		Fxyd6		Sgip1	
Fam114a1	1.492554	0.002183	Pcsk6	-1.45621	0.002764	Ephx1	1.738332	0.005109	Kcng2	-1.70938	0.00497	F2r		Plat				Serpinb6a		Plekha2		Zbtb8a		Sptbn5	
Prkci	1.485497	0.002373	Kirrel	-1.35598	0.003229	Kif5b	1.235468	0.005172	Nphs1	-1.32348	0.005016	Cyr61		Metrl				Tmem47		Creb3l1		2010300c02rik		Nxph3	
Eif3m	1.349846	0.00244	Angptl2	-1.49275	0.003861	Ajuba	1.403318	0.005694	Foxc2	-1.39313	0.005115	Nde1		Cldn5				Unc13b		Sh3pxd2a		Txlnb		Ube2ql1	
Nde1	1.372043	0.002637	Kcng2	-1.66746	0.004011	Ucp2	1.453516	0.005765	Rhbdl3	-1.43015	0.005637	Tubb2b		Lmx1b				Parp12		Fosl2		Ngb		Kctd11	
Pla2g7	1.966257	0.003061	Klh29	-1.71434	0.004063	Ankrd1	1.997703	0.005968	Chst1	-1.39414	0.005826	Ehd4						Actn1		Rhbdl3		Lysmd2		Pmp22	
Specc1	1.3283	0.003215	Epha6	-2.39004	0.004074	Rras2	1.342118	0.00634	Mgat5b	-1.90932	0.005972	Specc1						Myh9		Gfod1		Slc37a2		Rnf150	
Mdfic	1.384066	0.003291	Speg	-1.33874	0.004485	Luzp1	1.455102	0.006345	Zbtb7c	-1.31804	0.006008							Tshb		Zfp651		9930012k11rik		Lrrc49	
Uprt	1.526775	0.003451	Dpysl2	-1.35147	0.005537	Samd4	1.331737	0.007104	Ddn	-1.40465	0.006662							Slc39a6		Luzp1		Aard		Rarres1	
Btg2	1.766076	0.003559	Snx31	-1.51076	0.005828	Kank2	1.268392	0.007613	Kctd11	-1.48344	0.006707							Iqgap1		Ucp2		Cables1		Ptchd4	
Gpsm3	1.654924	0.003736	Mgat5	-1.31468	0.005961	Rusc2	1.446534	0.008753	Gja3	-1.81858	0.008539							Gsdmd		Dtx4		Sspn		Ptpro	
Stxbp1	1.328286	0.003773	Crb2	-1.36091	0.005986	Megf9	1.485516	0.008779	Inf2	-1.22541	0.008969							Svep1		Rusc2		Abca9		Sema6c	
Dock4	1.452117	0.004088	Mapt	-1.24829	0.006279	PlekHG2	1.438527	0.009198	Npr1	-1.35646	0.00985							Actn4		PlekHG2		Col1a2		Foxc2	
Tnfrsf12a	1.668729	0.004167	Slc9a3r2	-1.28093	0.006358	Arl4c	1.262384	0.009836	Bhlhe41	-1.64643	0.010153							Gm14403		Btg3		Pcsk6		St6gal1	
Hip1	2.069195	0.004176	Pfifibp2	-1.35501	0.006384	Atf3	2.354615	0.009886	E2f1	-1.3542	0.010667							Gm10509		Map1b		E330009j07rik		Rhpn1	
Serpinb6a	1.842827	0.00462	Arhgef26	-1.61308	0.006404	Plekha2	1.54473	0.009895	Sgip1	-1.58544	0.011775							Rab13		Gadd45b		Tyro3		Hs3st6	
Golm1	1.473156	0.006579	Vegfa	-1.29134	0.006549	Creb3l1	1.515865	0.01146	Hs3st6	-1.37243	0.011931							Fam114a1		Ajuba		Vash1		Map1a	
Tmem47	1.582919	0.00709	Man1a2	-1.41437	0.007547	Zfp651	1.458633	0.011864	Pmp22	-1.46617	0.012452							Atp1b2		Srf		Man1a2		Pde4b	
Unc13b	1.530582	0.007776	Extl1	-1.61915	0.007634	Irgm2	3.124269	0.013105	C1qtnf7	-1.40376	0.012947							Prkci		Dusp8		Foxd2		Mmp23	
Ehd4	1.347186	0.008207	Lct1	-2.24412	0.007799	Cyr61	1.561235	0.01314	Map1a	-1.37063	0.013846							Ncf2		Amotl2		Fzd2		Npr1	
Parp12	1.649419	0.009799	Col4a3	-1.36292	0.007974	Cry1	2.032604	0.015694	Nxn	-1.36854	0.014209							Rarb		Rnasel		Ap1p1		E2f1	
Rarb	1.470409	0.01059	Ccdc92	-1.297	0.008949	Arhgap19	1.686944	0.0165	Sema6c	-1.40529	0.014847							Esyt1		Hivep2		Col4a3		Hs3st3a1	
Sipa1l2	1.366458	0.011093	Foxl1	-1.73775	0.009552	Dusp8	1.383366	0.016741	Bambi	-1.6815	0.020994							Emp2		Parp4		Crb2		Wt1	
Pde3b	1.400011	0.011808	Wsb2	-1.54574	0.009933	Nedd9	1.291403	0.017204	St6gal1	-1.38633	0.021566							Dock4		Samd4		Kirrel		Zbtb7c	
Slco2a1	1.467489	0.012057	Lrrc10b	-2.60136	0.010035	Emilin1	1.372448	0.020194	Mylk3	-1.75875	0.023846							Ormdl3		Pvrl4		Pfifibp2		Ksr1	
Emp2	1.462753	0.015325	Col1a2	-1.48412	0.011067	Gfod1	1.48017	0.020813	Ube2ql1	-1.4983	0.026237							Myl12a		Nck2		Mtcl1		Pak1	
Pros1	1.439212	0.01555	Fxyd6	-1.83457	0.011556	Synj2	1.625224	0.021086	Wt1	-1.33104	0.027635							Prmt2		Gab2		Dpysl2		Nod1	
Megf9	1.429732	0.015662	Zbtb8a	-1.51447	0.011586	Dtx4	1.449586	0.022794	Glp1r	-1.64856	0.028447							Mdfic		Aif1l		Speg		Trib2	
Cyr61	1.386354	0.015881	Sspn	-1.48785	0.011963	Mtch1	1.25721	0.023434	Pde4b	-1.37049	0.029575							St3gal1		Sash1		Rassf10		Inf2	
Actn1	2.952103	0.01623	2010300c0	-1.69208	0.013247	Otud7b	1.214544	0.025736	Hs3st3a1	-1.3481	0.030151							Sipa1l2		Nedd9		Galnt10		Top1mt	
Myl12a	1.393525	0.016235	Cry1	-2.06005	0.013252	H2-Q6	1.557867	0.026301	Mmp23	-1.36187	0.031114							Eif3m		Kank2		Plekho1		Tns2	
H2-Q6	1.473852	0.017153	Txlnb	-1.89957	0.013546	Srf	1.390998	0.026756	Ptpro	-1.40821	0.032189							Stxbp1		Arl4c		Ntng2			
Myh9	2.833041	0.0173	E330009j0	-1.44197	0.015579	Efhd2	1.349736	0.027254	Ksr1	-1.3106	0.034072							Cas2		Mtch1		Foxc1			
F2r	1.391527	0.018785	Abca9	-1.48421	0.017543	Map1b	1.409231	0.027315	Trib2	-1.24233	0.034376							Anxa3		Kif5b		Mgat5			
Tubb2b	1.350163	0.02272	Gja3	-2.02905	0.018054	Hivep2	1.337238	0.027401	Adcy5	-1.22948	0.0346							PlekHG1		Ldlrap1		Sox5			
Tshb	1.749532	0.022838	Mxra7	-1.30495	0.018119	Ifngr1	1.467761	0.028232	Plat	-1.24988	0.034773							Calm2		Pard6b		Marveld1			
St3gal1	1.371854	0.022857	Ap1p1	-1.38127	0.018131	Adamts4	1.944099	0.028419	Dync1i1	-1.60814	0.035088							Epb4.1l5		Otud7b		Mxra7			
Cas2	1.325038	0.024264	Chst1	-1.46421	0.01924	Nck2	1.31624	0.02995	Rarres1	-1.43855	0.035418							Fndc3b		Elmo2		Ccdc92			
Cd2ap	1.207283	0.024601	Plat	-1.42161	0.01981	Fosl2	1.501312	0.030953	Ptchd4	-1.43522	0.035738							Psd3		Ldlrap1		Rcsd1			
Esyt1	1.469974	0.02504	Efhd2	-1.35397	0.0205	Ehd4	1.242654	0.03142	Snx31	-1.45055	0.03638							Cd2ap		Pard6b		Vegfa			
Ncf2	1.481156	0.025768	Pag1	-1.25544	0.020759	Charp	1.609474	0.031607	Sptbn5	-1.55172	0.036952							Mpp5		Otud7b		Plxnb1			
Emilin1	1.564568	0.025964	Metrl	-1.37366	0.021008	Mmp17	1.81048	0.03331	Sox8	-1.81314	0.038085									Elmo2		Slc9a3r2			
PlekHG1	1.290685	0.027695	Nxn	-1.48582	0.022153	Btg3	1.433692	0.033392	Lgals2	-2.85298	0.038252											Pbx2			
Slc39a6	1.555281	0.028597	Plekho1	-1.33207	0.022719	Tnfrsf12a	1.5668	0.03358	Pak1	-1.27771	0.041896											Pag1			
Psd3	1.229128																								

