

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
LOC102118714	60S ribosomal protein L23a	11 89441228 89441698	0.000000	-12.74	0.910687	-1.04	0.000000	13.58
MGLL	monoglyceride lipase isoform X1	11 89383882 89517769	0.000000	-3.18	0.075024	-1.43	0.000000	2.49
PHF24	PHD finger protein 24 isoform X1	15 44176397 44254142	0.000000	-23.13	0.000000	-12.56	0.981436	-1.01
SYN2	synapsin-2 isoform X2	2 142968548 143209400	0.000000	-4.17	0.407480	-1.38	0.114558	-1.47
FAM162B	protein FAM162B	4 20768072 20780742	0.000000	23.50	0.000002	16.62	0.116915	-2.54
SLITRK5	SLIT and NTRK-like protein 5	17 70199863 70202739	0.000000	5.54	0.376147	1.55	0.168188	1.68
LOC102142292		2 26306217 26379169	0.000000	-15.78	0.000028	13.03	0.137694	2.03
ALAS2	5-aminolevulinatase synthase, erythroid-spe	X 54121306 54138797	0.000000	10.23	0.000003	19.11	0.514744	1.39
HBB	hemoglobin subunit beta	14 65216148 65217580	0.000000	10.59	0.005897	5.66	0.691654	-1.27
GPRCSB	G-protein coupled receptor family C grou	20 19239153 19251458	0.000000	2.34	0.106950	-1.52	0.423865	-1.17
LOC102140389	patr class I histocompatibility antigen, B-1	4 43067 43502	0.000000	11.79	0.704153	1.41	0.992051	-1.01
LOC101925788		16 73941203 73967447	0.000000	2.01	0.005107	1.67	0.321500	-1.17
GLRX2	glutaredoxin 2	1 51279869 51289151	0.000000	-1.91	0.528260	1.17	0.917232	1.02
PLD5	inactive phospholipase D5 isoform X1	1 6924114 7341970	0.000000	-3.45	0.813398	-1.15	0.225222	1.42
LOC107126511		10 29392484 29395450	0.000000	2.55	0.145308	-1.43	0.068356	-1.35
MAN1C1	mannosyl-oligosaccharide 1,2-alpha-man	1 202581158 202753926	0.000000	1.45	0.137055	-1.20	0.957256	1.01
LOC102116582	protein ZNF365 isoform X1	9 73628639 73652151	0.000000	-3.02	0.735924	1.15	0.095604	1.39
LOC102130440	leukotriene-B(4) omega-hydroxylase 1-lik	19 15939173 15962346	0.000000	3.35	0.490438	1.38	0.823617	-1.08
LOC107127313	uncharacterized protein LOC107127313	14 52052596 52113987	0.000000	44.03	0.402053	2.65	0.262693	-2.57
HERC6	probable E3 ubiquitin-protein ligase HER	5 87489265 87584164	0.000000	-2.17	0.059142	1.62	0.997149	1.00
GFRA2	GDNF family receptor alpha-2	8 21808886 21906970	0.000000	2.19	0.001487	-1.91	0.000000	2.23
LFRN1	leucine-rich repeat and fibronectin type III	19 39804090 39812066	0.000000	1.78	0.621810	1.15	0.771876	1.06
LOC102136846	hemoglobin subunit alpha-1/2/3	20 143279 143967	0.000000	6.92	0.010719	4.90	0.620711	-1.32
FUT1	galactoside 2-alpha-L-fucosyltransferase 1	19 49591980 49593080	0.000000	4.03	0.033099	2.86	0.491458	1.30
LOC102131610	collagen alpha-2(IV) chain-like	19 40617531 40617923	0.000000	-3.50	0.601790	1.35	0.481776	-1.29
CCDC149	coiled-coil domain-containing protein 149	5 24001628 24068604	0.000000	1.77	0.813275	-1.08	0.009188	-1.42
LOC107128597		4 1 1724	0.000000	2.64	0.812968	1.13	0.290246	-1.33
SMYD2	N-lysine methyltransferase SMYD2	1 72856264 72911321	0.000000	-1.56	0.096018	1.31	0.316644	-1.13
LOC102143405	patr class I histocompatibility antigen, A-5	4 4639 5905	0.000000	3.20	0.996456	-1.00	0.252869	-1.45
SPTBN2	spectrin beta chain, non-erythrocytic 2 iso	14 7770272 7806793	0.000001	2.85	0.074334	-1.96	0.001040	2.36
ALPL	alkaline phosphatase, tissue-nonspecific iso	1 206856558 206880050	0.000001	3.03	0.084795	2.09	0.911338	-1.04
CROCC2	LOW QUALITY PROTEIN: putative cili	12 130843557 130931967	0.000001	8.33	0.934271	-1.13	0.138467	-2.40
LOC107128611		9 39611 49242	0.000001	-7.32	0.663275	1.51	0.561647	1.40
NTRK2	BDNF/NT-3 growth factors receptor isofo	15 95490938 95856427	0.000001	3.82	0.521114	1.49	0.000762	2.76
HAL	histidine ammonia-lyase isoform X2	11 99667588 99693352	0.000001	-2.10	0.000000	3.71	0.003373	1.72
FCGBP	IgGfC-binding protein	19 40332064 40438294	0.000001	9.62	0.966785	-1.07	0.844967	1.16
USP18	ubl carboxyl-terminal hydrolase 18 isofo	10 32556737 32577920	0.000001	-2.45	0.012498	2.21	0.690186	1.12
CAS4	cas scaffolding protein family member 4 i	10 88251964 88298313	0.000001	1.78	0.336148	1.27	0.023625	1.38
GNG10	guanine nucleotide-binding protein G(I)/G	15 25907066 25912691	0.000001	-3.15	0.051512	2.28	0.761992	1.12
CD207	C-type lectin domain family 4 member K	13 39030185 39034904	0.000001	-175.33	0.211831	-15.40	0.910990	1.18
LOC102143672	Ig kappa chain V-II region RPMI 6410-lik	13 18274238 18275146	0.000001	4.05	0.651922	-1.30	0.502643	-1.26
LOC102132468	LOW QUALITY PROTEIN: ankyrin rep	9 37965217 38066334	0.000001	-86.22	0.387765	3.24	0.533592	1.79
C6H5orf49	uncharacterized protein C5orf49 homolog	6 7803910 7822326	0.000002	4.89	0.796230	-1.27	0.073229	-2.15
PIGF	phosphatidylinositol-glycan biosynthesis s	13 63767752 63801481	0.000002	-1.41	0.590771	1.09	0.866299	1.02
NT5C	5'(3')-deoxyribonucleotidase, cytosolic typ	16 72403986 72405218	0.000002	-1.60	0.039798	-1.44	0.582030	-1.09
F8	coagulation factor VIII isoform X1	X 151719232 151918232	0.000002	2.03	0.001815	2.10	0.951197	-1.02
LOC107128701		0 8021 12109	0.000002	-3.96	0.944149	1.07	0.138411	-1.77
IFI44	interferon-induced protein 44 isoform X2	1 148576720 148590215	0.000002	-2.12	0.053753	1.73	0.798030	1.07
LOC102146186	Ig kappa chain V-II region RPMI 6410-lik	13 18592285 18593095	0.000002	4.03	0.962212	-1.05	0.040433	2.01
P2RX1	P2X purinoceptor 1 isoform X2	16 3832087 3852093	0.000002	2.06	0.001382	-2.19	0.078389	1.42
TRIM13	uncharacterized protein LOC101925265	4 30009204 30009263	0.000003	-1.88	0.064890	1.56	0.710680	-1.08
PIGR	polymeric immunoglobulin receptor	1 65508851 65520918	0.000003	3.43	0.297004	-1.75	0.095629	1.77
CXCR1	C-X-C chemokine receptor type 1	12 107808337 107809392	0.000003	2.73	0.480028	1.41	0.315661	1.38
HEBP2	heme-binding protein 2	4 42732025 42740630	0.000003	-1.68	0.248808	-1.29	0.912802	-1.02
DNA2	DNA replication ATP-dependent helicase	9 67489946 67553997	0.000004	-2.12	0.895931	-1.07	0.666982	1.11
LOC102127135	Ig kappa chain V region 3381-like	13 17816977 17817500	0.000004	15.50	0.020063	-6.70	0.609581	1.43
TACR2	substance-K receptor isoform X3	9 66279636 66291030	0.000005	-10.50	0.895927	-1.23	0.577878	-1.49
PLD4	phospholipase D4 isoform X1	7 170301927 170309893	0.000005	2.04	0.321766	-1.39	0.009575	1.63
NGFR	tumor necrosis factor receptor superfamily	16 34879660 34897945	0.000006	2.05	0.464965	-1.29	0.158713	1.35
PAK1	serine/threonine-protein kinase PAK 1 iso	14 72651361 72718586	0.000006	1.52	0.877723	-1.04	0.332791	1.13
CISD1	CDGSH iron-sulfur domain-containing pr	9 77865090 77884018	0.000006	-1.50	0.012238	-1.44	0.539660	-1.08
CDK5RAP2	CDK5 regulatory subunit-associated prote	15 16740994 16934592	0.000007	1.35	0.613430	-1.08	0.517746	-1.06
LOC102122815	eosinophil cationic protein	7 84449557 84450039	0.000008	-20.91	0.068699	9.87	0.007370	-8.35
KIAA1147	uncharacterized protein LOC101926154	3 174715088 174735704	0.000008	1.51	0.666384	1.10	0.717767	-1.05
RPL23A	60S ribosomal protein L23a	16 24969442 24973024	0.000009	1.60	0.379951	-1.22	0.000001	-1.69
RSPH9	radial spoke head protein 9 homolog isofo	4 126873603 126907521	0.000010	3.02	0.633346	1.34	0.097485	-1.72
SOD3	extracellular superoxide dismutase [Cu-Zn	5 23992704 23993426	0.000010	2.03	0.742564	1.14	0.641584	-1.12
LOC102115574	putative golgin subfamily A member 6C	2 99340063 99351704	0.000010	-8.50	0.792464	-1.35	0.102070	-2.55
NTF4	neurotrophin-4	19 49876726 49877358	0.000011	13.52	0.598121	1.89	0.911742	-1.11
ISG15	ubiquitin-like protein ISG15 isoform X1	1 227410523 227411535	0.000011	-4.43	0.846842	1.21	0.706477	-1.22
SDK1	protein sidekick-1 isoform X2	3 38632839 39287934	0.000012	1.54	0.341101	1.22	0.424432	1.12
RTKN2	rhotekin-2 isoform X1	9 73775448 73852593	0.000012	-2.76	0.531421	1.38	0.966206	-1.02
TFE3	trefoil factor 3	3 4453812 4457240	0.000012	12.35	0.978151	-1.05	0.560854	-1.60
PADI4	protein-arginine deiminase type-4 isoform	1 211133963 211191645	0.000012	3.24	0.024763	2.81	0.261345	1.52
MAL	uncharacterized protein LOC101926035	13 399433 423998	0.000012	-9.99	0.000000	799.48	0.056657	-4.11
NUDCD2	uncharacterized protein LOC101926215	6 162879868 162886798	0.000013	-1.54	0.610898	1.13	0.072824	1.25
ADARB1	double-stranded RNA-specific editase 1 is	3 1520061 1558711	0.000015	1.82	0.550974	1.20	0.387066	1.18
ATG2A	autophagy-related protein 2 homolog A is	14 9633296 9656537	0.000015	1.40	0.335826	-1.17	0.632793	-1.06
ZDHHC21	palmitoyltransferase ZDHHC21 isoform 2	15 64090784 64142253	0.000017	-2.55	0.405278	1.46	0.316321	1.35
MPLKIP	M-phase-specific PLK1-interacting protei	3 80441169 80442662	0.000020	-1.43	0.726181	1.08	0.636004	1.06
DCHS1	protocadherin-16 isoform X1	14 61475714 61494724	0.000020	1.58	0.631386	1.13	0.561153	1.09
NR1D1	nuclear receptor subfamily 1 group D mem	16 51717297 51728204	0.000021	2.47	0.464313	-1.40	0.217201	1.43
LOC102137791	uncharacterized protein LOC102137791 i	1 104147670 104157871	0.000021	1.90	0.070565	1.55	0.001348	-1.70
PERP	uncharacterized protein LOC101865419	4 42399855 42414876	0.000022	-1.68	0.919197	-1.04	0.888522	1.03
COQ2		5 51105950 51126831	0.000023	-1.63	0.040297	-1.51	0.651965	1.08
LOC102140914	Ig heavy chain V-I region 5-like	13 18062924 18063424	0.000028	28.32	0.707828	1.84	0.158713	3.08
ANKRD11	ankyrin repeat domain-containing protein	20 77687869 77738556	0.000029	1.23	0.566440	-1.07	0.188927	-1.09

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
LOC101867462	uncharacterized protein LOC101867462	12 24470776 24518823	0.000031	-2.04	0.095290	1.67	0.339611	1.25
TMEFF1	tomoregulin-1 isoform X1	15 37161114 37260379	0.000032	-2.74	0.453986	1.47	0.794552	-1.10
ATP6V0A4	V-type proton ATPase 116 kDa subunit a	3 171686569 171751768	0.000033	2.14	0.913369	1.06	0.252869	-1.31
LOC102131888		5 15359297 15364486	0.000033	-2.29	0.865298	1.10	0.566852	1.18
KDM6B	lysine-specific demethylase 6B isoform X	16 7952119 7960247	0.000041	1.49	0.761411	-1.08	0.620711	-1.07
PDCD6	programmed cell death 6	6 23824 88424	0.000041	-1.35	0.673961	1.08	0.275957	-1.11
CHD3	chromodomain-helicase-DNA-binding pr	16 7994320 8019018	0.000043	1.35	0.165141	-1.21	0.821606	-1.03
DNAH9	dynein heavy chain 9, axonemal isoform 2	16 11772025 12155703	0.000045	5.49	0.753713	1.41	0.612719	-1.36
ANKFN1	ankyrin repeat and fibronectin type-III do	16 41836092 41959748	0.000046	10.19	0.397736	-2.23	0.425410	-1.65
FAM26E	protein FAM26E	4 20536859 20541290	0.000046	1.86	0.001007	2.09	0.380188	1.20
CHGA	chromogranin-A	7 157917011 157928498	0.000051	13.84	0.081368	-7.50	0.061130	-4.81
C9H10orf88	uncharacterized protein C10orf88 homolo	9 122221583 122240368	0.000054	-1.64	0.795840	1.09	0.956217	-1.01
SEMA6C	semaphorin-6C isoform X1	1 100862120 100874474	0.000059	1.99	0.849569	1.10	0.931662	-1.03
CPT1C	carmitine O-palmitoyltransferase 1, brain i	19 50554283 50583317	0.000059	1.97	0.982409	-1.01	0.056747	-1.39
CHAC2	putative glutathione-specific gamma-gluta	13 56312272 56319192	0.000060	-2.63	0.757184	1.20	0.941476	-1.03
LOC102121228	LOW QUALITY PROTEIN: galactoside	19 49497355 49517412	0.000068	41.61	0.491444	4.36	0.966845	1.04
HAUS1	HAUS augmin-like complex subunit 1	18 35755673 35780734	0.000073	-1.39	0.097252	-1.28	0.708024	1.05
CIC	protein capicua homolog isoform X1	19 42796844 42820040	0.000077	1.37	0.865017	-1.04	0.180724	1.15
LOC107126637		11 9732831 9736535	0.000078	-6.75	0.990598	1.02	0.864457	1.12
LOC107129712		5 25126555 25134157	0.000079	1.83	0.597155	1.20	0.375831	-1.20
RSAD2	radical S-adenosyl methionine domain-co	13 104139404 104163336	0.000079	-3.46	0.633857	1.41	0.825602	-1.12
TTYH2	protein twenty homolog 2	16 71447389 71485514	0.000080	-1.97	0.034619	-1.86	0.217075	-1.33
FSD1L		15 32147763 32245264	0.000080	-2.51	0.355201	1.54	0.617763	-1.18
LOC102133131	pregnancy zone protein isoform X2	11 9437661 9498869	0.000084	2.07	0.000484	2.64	0.000000	-3.38
ALG6	dolichyl pyrophosphate Man9GlcNAc2 al	1 163969231 164031809	0.000084	-1.65	0.657067	1.14	0.297738	1.20
ADAM28	disintegrin and metalloproteinase domain-	8 24662400 24723223	0.000084	-2.51	0.499887	-1.40	0.000203	2.49
MKKS	McKusick-Kaufman/Bardet-Biedl syndro	10 52086479 52094753	0.000093	-1.32	0.471336	1.11	0.722233	-1.04
PFKM	ATP-dependent 6-phosphofructokinase, n	11 46868712 46912188	0.000093	1.45	0.804070	1.04	0.832052	-1.03
CAPS	LOW QUALITY PROTEIN: calceyphosin	19 6064880 6066305	0.000102	2.27	0.425291	1.41	0.505648	-1.22
LOC102129582	uncharacterized protein LOC102129582	4 160745637 161184286	0.000105	57.58	0.619237	-3.19	0.846354	1.31
PLA2G2D	group IID secretory phospholipase A2	1 208298284 208304061	0.000116	-3.28	0.416781	-1.67	0.000068	-3.48
KREMEN1	kremen protein 1	10 22362781 22410434	0.000119	1.76	0.163696	1.46	0.864170	1.04
BEAN1	protein BEAN1	20 54543584 54592320	0.000119	-2.03	0.245817	-1.50	0.488464	1.20
SMPDL3B	LOW QUALITY PROTEIN: acid sphing	1 200265793 200288111	0.000120	-5.09	0.343862	2.18	0.227415	-1.96
WDR38	WD repeat-containing protein 38 isoform	15 11232445 11236857	0.000120	12.94	0.979696	-1.06	0.346385	-2.33
GALNT13	polypeptide N-acetylglucosaminyltransf	12 42983412 43196535	0.000124	-3.27	0.724454	1.30	0.860010	1.09
SRP19	signal recognition particle 19 kDa protein	6 111624857 111654603	0.000127	-1.36	0.860222	-1.04	0.926306	1.01
PIAS2	E3 SUMO-protein ligase PIAS2 isoform X	18 34958152 35037660	0.000134	-1.59	0.034619	1.54	0.957048	1.01
C1H1orf186	uncharacterized protein C1orf186 homolo	1 64681035 64685184	0.000134	2.13	0.170727	1.63	0.043862	1.56
TTYH1	protein twenty homolog 1 isoform X2	19 55331367 55354272	0.000139	-2.91	0.696049	1.31	0.462644	-1.35
PI4KA	phosphatidylinositol 4-kinase alpha isof	10 30284089 30413017	0.000141	1.42	0.579596	1.12	0.583558	-1.07
TFAP2C	transcription factor AP-2 gamma isoform	10 88496957 88509802	0.000157	3.97	0.853883	1.20	0.216848	-1.74
LOC107130946	Ig lambda chain V-1 region WAH-like	10 29199408 29199990	0.000163	8.80	0.000205	10.20	0.881539	-1.10
LOC102125495		12 80881046 80957966	0.000164	2.97	0.100314	2.58	0.965116	1.03
SLC24A4	sodium/potassium/calcium exchanger 4 is	7 157296319 157465235	0.000164	2.15	0.576594	-1.30	0.947082	-1.03
FAM174B	membrane protein FAM174B	7 73197134 73233739	0.000164	1.90	0.070565	-1.69	0.030526	1.57
MPHOSPH6	M-phase phosphoprotein 6 isoform X1	20 70418254 70438946	0.000164	-1.48	0.004901	1.59	0.366641	1.14
TMEM64	transmembrane protein 64 isoform X2	8 91798524 91819350	0.000164	-1.73	0.019420	1.74	0.218283	1.26
GDF15	growth/differentiation factor 15	19 18823661 18826677	0.000164	-2.31	0.244536	-1.63	0.231905	-1.41
LOC102131260	uncharacterized protein C11orf86 homolo	0 9615 10509	0.000164	-6.84	0.159858	-3.99	0.297847	2.03
SETD1B	histone-lysine N-methyltransferase SETD	11 125840297 125865743	0.000170	1.24	0.711897	-1.05	0.027239	1.17
LOC102117922		16 75529221 75545180	0.000170	-2.03	0.199960	-1.58	0.891488	1.04
SNCB	beta-synuclein isoform X3	6 176397474 176406229	0.000170	-9.47	0.195465	3.76	0.965046	-1.04
ARSI	arylsulfatase I	6 149646585 149651748	0.000178	1.88	0.261412	-1.44	0.610462	1.13
KIAA0141	death ligand signal enhancer	6 141073915 141090129	0.000179	1.25	0.596937	-1.07	0.912951	-1.01
IL17A	interleukin-17A	4 118460052 118462891	0.000183	6.44	0.797882	-1.35	0.000029	5.21
CLEC10A	C-type lectin domain family 10 member A	16 71066505 7110315	0.000183	2.84	0.196887	2.00	0.281024	-1.50
PEG10	retrotransposon-derived protein PEG10 is	3 117323448 117332505	0.000186	2.02	0.002665	-2.29	0.001082	1.89
FAM69C	protein FAM69C	18 5655559 5677025	0.000201	-3.36	0.073105	-2.78	0.287701	1.60
TMEM41B	transmembrane protein 41B isoform X1	14 58516804 58545602	0.000202	-1.57	0.008513	1.65	0.735404	-1.06
LOC102122362		1 180395026 180404796	0.000202	24.71	0.910469	1.19	0.032949	-4.12
GBP2	guanylate-binding protein 2	1 138111371 138134131	0.000204	1.75	0.844205	1.08	0.019319	1.50
CBS	cystathionine beta-synthase	3 3676185 3699585	0.000220	1.69	0.194362	-1.41	0.561590	1.12
LOC102124997	double C2-like domain-containing protein	14 6809271 6813882	0.000220	4.15	0.846842	1.22	0.410824	-1.53
HACD1	very-long-chain (3R)-3-hydroxyacyl-CoA	9 18152324 18179303	0.000225	-2.05	0.778306	1.15	0.505046	-1.20
S100A2	protein S100-A2	1 98310119 98313168	0.000226	-2.60	0.589283	-1.36	0.345031	1.39
LSAMP	limbic system-associated membrane prote	2 155777451 156447984	0.000229	2.07	0.160711	1.66	0.851787	1.06
GAS6	growth arrest-specific protein 6	17 96240974 96374098	0.000229	2.05	0.664661	1.22	0.65258	-1.13
TRIM52	tripartite motif-containing protein 52 isof	6 181319691 181323252	0.000229	-1.42	0.311393	1.21	0.829256	-1.03
LOC102146359		1 218809672 218828528	0.000230	-2.00	0.471230	1.33	0.812552	-1.08
FDX1	adrenodoxin, mitochondrial	14 106415982 106451275	0.000233	-1.55	0.403479	1.22	0.274108	-1.19
DHX38	pre-mRNA-splicing factor ATP-dependen	20 60477823 60494152	0.000239	1.25	0.383161	-1.12	0.717068	-1.03
LOC102141835	HLA class I histocompatibility antigen, B	4 139566484 139670550	0.000246	-2.99	0.814376	-1.20	0.748530	1.15
LOC107130744		9 1331786 1337585	0.000249	-2.15	0.405840	-1.45	0.098137	-1.53
CCDC40	coiled-coil domain-containing protein 40	16 77587749 77651466	0.000250	3.65	0.075024	-3.12	0.892493	-1.08
LOC102141103	aldo-keto reductase family 1 member C1	9 5357415 5371868	0.000255	3.62	0.000010	8.79	0.000000	-5.76
LOC102138110	zinc finger protein 419 isoform X1	19 58116218 58122321	0.000255	2.09	0.887997	-1.08	0.081080	1.55
DYNC1L1	cytoplasmic dynein 1 light intermediate cl	2 14816891 14846665	0.000258	-1.46	0.023242	1.47	0.109359	1.23
PRRC2B	protein PRRC2B isoform X4	15 7396958 7463964	0.000261	1.33	0.994707	-1.00	0.536390	1.07
ZNF397	zinc finger protein 397	18 46749918 46753990	0.000303	1.53	0.202262	1.32	0.140710	1.25
C2CD5	C2 domain-containing protein 5 isoform X	11 23111312 23204704	0.000303	-1.56	0.756286	1.10	0.184635	1.23
TGM7	protein-glutamine gamma-glutamyltransfe	7 20263165 20305635	0.000311	11.43	0.925158	-1.25	0.761118	1.37
MYO18A	unconventional myosin-XVIIIa isoform X	16 25355400 25447698	0.000311	1.26	0.336337	-1.13	0.749645	1.03
ETFDH	electron transfer flavoprotein-ubiquinone	5 157935694 157973455	0.000311	-1.41	0.418541	-1.17	0.423916	1.11
STRA6	stimulated by retinoic acid gene 6 protein	7 52200990 52228857	0.000313	5.39	0.112892	-4.07	0.250701	-1.98
TREH	trehalase	14 114673181 114701319	0.000314	7.96	0.006930	-35.70	0.115838	-3.01
CMPK2	UMP-CMP kinase 2, mitochondrial	13 104171350 104186237	0.000316	-2.21	0.015165	2.39	0.325693	1.34

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
JRKL	jerky protein homolog-like	14 92260624 92262198	0.000326	-1.35	0.397736	1.15	0.405129	1.10
TF1F1	transcription termination factor 1 isoform	15 6421377 6456641	0.000341	1.42	0.980043	-1.01	0.378875	-1.12
LRP10	low-density lipoprotein receptor-related p	7 86559408 86565088	0.000341	1.36	0.898156	-1.03	0.832835	-1.03
NMU	neuromedin-U	5 78855826 78881050	0.000341	-4.05	0.954772	-1.08	0.178770	1.98
ZNF329	zinc finger protein 329	19 58721484 58723109	0.000342	1.49	0.892366	-1.04	0.786750	1.05
KMT2A	histone-lysine N-methyltransferase 2A iso	14 114465745 114516115	0.000342	1.41	0.938898	1.02	0.366024	1.12
MPV17L	mpv17-like protein isoform X1	20 15356979 15368975	0.000342	-4.48	0.348039	-1.84	0.559233	1.31
UMAD1	UBAP1-MVB12-associated (UMA)-doma	3 113201798 113414355	0.000347	-1.59	0.259440	1.32	0.673937	1.08
LOC102143277	cytochrome P450 2A13-like	0 10359 17815	0.000353	8.34	0.951046	1.13	0.275483	-2.35
MYOZ1	myozenin-1	9 61901472 61910705	0.000354	4.65	0.886381	-1.18	0.281197	-1.80
DUT	deoxyuridine 5'-triphosphate nucleotidoh	7 25278401 25289181	0.000354	-1.42	0.933686	1.03	0.787658	-1.04
ST20	LOW QUALITY PROTEIN: suppressor of	7 58358184 58358398	0.000354	-4.78	0.194808	-3.54	0.999883	-1.00
PAPPA2	pappalysin-2	1 34497509 34802128	0.000355	-2.62	0.121058	1.94	0.383960	1.31
ETAA1	ewing's tumor-associated antigen 1 isoform	13 42538159 42550958	0.000359	-1.95	0.198500	1.57	0.018682	1.66
GP2	pancreatic secretory granule membrane m	20 19720730 19735893	0.000361	25.02	0.948058	1.26	0.708461	-1.65
LOC102115890	60S ribosomal protein L29-like	X 41376785 41377258	0.000363	1.41	0.629019	-1.11	0.402496	-1.11
LOC102144847	aflatoxin B1 aldehyde reductase member	1 209151313 209157326	0.000363	-2.31	0.000362	3.46	0.254015	-1.42
SIKE1	suppressor of IKBKE 1 isoform X1	1 111971831 111978473	0.000365	-1.27	0.545091	1.09	0.677501	1.04
LOC107127548		15 110035722 110043001	0.000365	-2.57	0.015165	-2.49	0.274899	-1.53
ST18	suppression of tumorigenicity 18 protein	8 53073027 53180048	0.000365	-5.55	0.043644	-4.79	0.399524	-1.61
SLN	sarcophilin	14 103759186 103759281	0.000365	-10.50	0.021165	10.49	0.581343	-1.54
CSPG5	chondroitin sulfate proteoglycan 5 (neuro	2 102603560 102619246	0.000389	-2.18	0.297930	-1.55	0.741799	1.11
SLC26A4	pendrin isoform X1	3 140134819 140186708	0.000395	2.66	0.079323	2.55	0.629449	-1.23
LOC10210647	dnaJ homolog subfamily C member 25	15 25921720 25941509	0.000399	-1.44	0.763188	-1.08	0.541410	-1.09
NCOA1	nuclear receptor coactivator 1 isoform X2	13 86161744 86277561	0.000401	1.38	0.783896	1.06	0.909354	-1.02
IDO2	indoleamine 2,3-dioxygenase 2 isoform X	8 40902293 40971342	0.000401	-5.96	0.298232	-2.89	0.707335	1.33
MFF	mitochondrial fission factor isoform X3	12 117124905 117152376	0.000406	-1.42	0.488187	1.15	0.487056	-1.10
CRYM	crystallin, mu	20 20552356 20572114	0.000406	6.43	0.092349	-3.56	0.419209	-1.63
LOC102139130	putative V-set and immunoglobulin doma	0 582317 590785	0.000414	5.21	0.024207	-5.17	0.676952	1.31
LOC102121357		12 2936188 2949229	0.000424	-93.16	0.467295	-7.71	0.903446	1.34
RAPGEFL1	rap guanine nucleotide exchange factor-lil	16 51813841 51830415	0.000425	1.95	0.064805	-1.83	0.101037	-1.48
FKBP3	uncharacterized protein LOC101866842	7 109372716 109390851	0.000425	-1.37	0.958714	1.02	0.340464	1.12
TMEM108	transmembrane protein 108	2 35447984 35596367	0.000435	1.93	0.237744	1.51	0.847861	-1.06
CTBP2	C-terminal-binding protein 2 isoform X1	9 124311696 124361423	0.000454	-1.18	0.006589	1.22	0.829390	1.02
NFATC1	nuclear factor of activated T-cells, cytopla	18 746617 867559	0.000463	1.36	0.592163	-1.11	0.312343	-1.13
LOC102141215		14 125340069 125366150	0.000471	-3.34	0.298899	1.76	0.926290	1.05
CEPT1	choline/ethanolaminephosphotransferase 1	1 115567530 115604654	0.000471	-1.56	0.896708	1.05	0.669782	1.08
POLR1E	DNA-directed RNA polymerase I subunit	15 41487990 41505707	0.000474	1.51	0.748794	1.10	0.734374	1.06
CC2D2A	coiled-coil and C2 domain-containing pro	5 14570989 14698886	0.000480	1.57	0.856620	1.07	0.668883	-1.08
GALNT14	polypeptide N-acetylgalactosaminyltransf	13 79602233 79828393	0.000485	5.77	0.514722	2.03	0.446095	1.67
ELMOD2	ELMO domain-containing protein 2	5 139870132 139895151	0.000493	-1.65	0.486698	1.23	0.164883	1.29
WARS	tryptophan--rRNA ligase, cytoplasmic iso	7 165544958 165584367	0.000499	1.51	0.018714	1.57	0.133760	1.25
LOC102143771		20 40893884 40904879	0.000502	5.54	0.501468	-2.03	0.625402	-1.41
PIEZO2	piezo-type mechanosensitive ion channel	18 72501058 72976170	0.000506	1.82	0.778065	-1.13	0.277642	1.28
LOC102132408	HLA class I histocompatibility antigen, B	0 11364 13956	0.000506	1.59	0.893142	-1.05	0.641584	-1.09
LOC102135104	olfactory receptor 6K3-like	1 92963707 92971868	0.000506	-3.92	0.173656	2.64	0.812259	-1.15
HERC5	E3 ISG15--protein ligase HERC5	5 87598648 87649310	0.000526	-2.81	0.160902	2.16	0.583071	1.26
PI4K2B	phosphatidylinositol 4-kinase type 2-beta	5 24440434 24473310	0.000536	-1.57	0.404319	1.24	0.273238	1.21
LOC102130606		20 75925210 75954376	0.000544	-1.66	0.649812	-1.16	0.036499	-1.43
FANCL	E3 ubiquitin-protein ligase FANCL isoform	13 51855731 51939585	0.000557	-1.71	0.653994	1.17	0.391657	1.20
PTRPF	receptor-type tyrosine-protein phosphatase	1 183992055 184070621	0.000561	1.55	0.760043	-1.10	0.131268	-1.27
BCAT1	branched-chain-amino-acid aminotransfer	11 25465067 25597469	0.000564	-1.87	0.602573	1.23	0.430027	1.21
STYXL1	uncharacterized protein LOC101926045	3 47324526 47363886	0.000566	1.94	0.987051	-1.01	0.088621	-1.40
ELMOD2	ELMO domain-containing protein 2	5 139870132 139895151	0.000566	1.37	0.893586	1.04	0.738855	-1.05
RIBC2	uncharacterized protein LOC101926386	10 5543552 5564620	0.000577	4.18	0.831558	-1.30	0.293571	-1.84
RPP40	ribonuclease P protein subunit p40	4 166020577 166029147	0.000581	-1.64	0.047221	1.63	0.015242	-1.48
FEZ1	uncharacterized protein LOC101866156	14 121268620 121313043	0.000608	1.71	0.772415	1.12	0.647245	1.11
LOC102115032	uncharacterized protein LOC102115032	14 114711264 114713665	0.000614	5.06	0.007392	-10.09	0.462554	-1.58
ZNF618	zinc finger protein 618 isoform X21	15 23531871 23589526	0.000628	1.60	0.584741	-1.18	0.427611	1.16
MZT1	mitotic-spindle organizing protein 1	17 55088563 55106551	0.000631	-1.97	0.031991	2.01	0.653550	1.14
SNX16	sorting nexin-16 isoform X2	8 82970108 83008771	0.000637	-1.87	0.019972	2.02	0.518952	1.18
LOC102142698		10 8926183 8964636	0.000637	1.42	0.285295	-1.23	0.837772	1.03
LOC107130469		7 152783824 152837771	0.000637	-2.25	0.121136	1.91	0.524514	1.23
CSF3	granulocyte colony-stimulating factor	16 51631903 51633184	0.000658	4.57	0.886381	-1.33	0.527377	-1.60
ZZEF1	zinc finger ZZ-type and EF-hand domain-	16 3949084 4101311	0.000658	1.16	0.105866	-1.14	0.289603	-1.06
OPN3	opsin-3	1 7815986 7863086	0.000661	-1.65	0.248808	1.37	0.824848	-1.05
TMEM14C	transmembrane protein 14C	4 160132665 160138722	0.000674	-1.25	0.130731	-1.19	0.740899	1.03
NF2	merlin isoform X3	10 21783709 21889232	0.000678	1.21	0.456231	-1.09	0.627187	-1.04
LOC107128255		19 36785306 36787640	0.000682	7.15	0.904043	1.22	0.549559	-1.61
NDUFC1	NADH dehydrogenase [ubiquinone] 1 sub	5 138607161 138610355	0.000682	-1.29	0.838962	-1.04	0.965303	-1.01
LOC107130876		9 97279153 97285747	0.000692	-3.57	0.596937	-1.51	0.527174	-1.35
TMEM38B	trimeric intracellular cation channel type B	15 31941573 32017245	0.000698	-1.97	0.904679	-1.07	0.673650	1.13
LOC101866998	protein very KIND	9 132681393 132708056	0.000709	3.55	0.848710	-1.24	0.757686	-1.18
LOC107130656		8 96216429 96225732	0.000709	2.56	0.076923	-2.28	0.533567	-1.28
PRKD2	serine/threonine-protein kinase D2	19 47428654 47483817	0.000721	1.36	0.993119	1.00	0.372535	1.11
AK8	adenylate kinase 8 isoform X1	15 5916085 6078631	0.000730	2.42	0.537855	-1.42	0.003025	-2.32
RHEBL1	GTPase RhebL1 isoform X1	11 47896626 47903279	0.000730	1.92	0.775061	1.15	0.658110	1.13
LOC107127144		13 73475887 73483590	0.000737	-1.37	0.688154	1.09	0.180615	1.17
NRAS	neuroblastoma RAS viral (v-ras) oncogen	1 112035825 112043934	0.000743	-1.25	0.016950	1.29	0.663640	-1.04
SYNE1	nesprin-1 isoform X9	4 58316129 58865714	0.000746	1.47	0.444023	-1.19	0.951616	-1.01
LOC102116245	uncharacterized protein LOC102116245 i	12 1454759 1460909	0.000752	-33.10	0.351804	-7.77	0.741997	-1.60
DNAH3	dynein heavy chain 3, axonemal isoform	20 20222782 20428807	0.000766	6.02	0.979402	-1.05	0.329883	-2.02
MRGPRE	mas-related G-protein coupled receptor m	14 3194657 3195592	0.000786	53.85	0.753407	-2.92	0.493383	3.57
LOC107130363	T-cell receptor alpha chain V region PY1	7 85475329 85475862	0.000786	3.25	0.035299	3.04	0.628640	-1.23
ZNF706	zinc finger protein 706	8 102344592 102346353	0.000786	-1.35	0.906596	1.03	0.329694	1.12
EREG	proepiregulin	5 60093499 60112810	0.000787	-4.36	0.044799	-4.30	0.056657	-2.68
FCHO1	F-BAR domain only protein 1	19 18103669 18133813	0.000795	1.61	0.424752	-1.25	0.167107	1.27

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
UCHL5	ubiquitin carboxyl-terminal hydrolase iso	1 51193207 51244361	0.000803	-1.59	0.483580	1.22	0.584372	1.11
CAPSL	calcipodin-like protein	6 36299999 36312920	0.000810	2.97	0.148746	-2.38	0.295996	-1.56
EPT1	ethanolaminephosphotransferase 1	13 84501776 84543732	0.000813	-1.40	0.881859	-1.04	0.722209	-1.05
LOC107129085		3 21413448 21426719	0.000813	-3.47	0.421102	1.82	0.907242	-1.07
NLRP1	NACHT, LRR and PYD domains-contain	16 5605368 5607834	0.000815	2.81	0.794819	1.22	0.750213	1.16
SNX14	sorting nexin-14 isoform X1	4 88240920 88335293	0.000822	-1.32	0.652026	1.09	0.896263	1.02
LOC107130732		8 143618329 143620752	0.000822	-7.78	0.731200	1.53	0.220999	-2.26
TTC25	tetratricopeptide repeat protein 25	16 53630260 53673135	0.000832	2.68	0.966170	-1.05	0.219818	-1.60
EMC9	ER membrane protein complex subunit 9	7 87918925 87921214	0.000832	-1.62	0.092740	-1.51	0.789341	-1.06
FAM96A	MIP18 family protein FAM96A	7 41452074 41487573	0.000832	-1.64	0.943002	1.03	0.770902	1.07
COMMD8	COMM domain-containing protein 8 isofo	5 47466374 47478398	0.000840	-1.87	0.359513	1.40	0.320813	1.28
LOC102142617	HLA class I histocompatibility antigen, B	4 139547846 139570349	0.000857	-2.05	0.739075	1.19	0.360673	1.30
LOC107129932	uncharacterized protein LOC107129932	6 43591540 43591977	0.000866	3.25	0.042720	3.44	0.999183	-1.00
SPATC1L	speriolin-like protein isoform X1	3 610155 637451	0.000881	-4.48	0.514352	-1.71	0.001507	3.95
SMIM5	small integral membrane protein 5	16 72948214 72948910	0.000886	2.14	0.958714	1.04	0.622280	-1.18
NYNRIN	protein NYNRIN	7 88187067 88205873	0.000886	1.85	0.149512	1.61	0.865770	-1.05
FCRL5	Fc receptor-like protein 5 isoform X1	1 94169746 94204301	0.000886	2.37	0.032428	2.45	0.019582	1.97
TRMO	nef-associated protein 1 isoform X2	15 39856766 39882002	0.000888	-1.22	0.391542	1.11	0.911278	-1.01
LYRM4	LYR motif-containing protein 4 isoform X	4 165724013 165877090	0.000892	-1.41	0.856564	-1.05	0.009535	-1.35
CTLA4	cytotoxic T-lymphocyte protein 4 isoform	12 93413167 93418043	0.000900	2.51	0.605538	-1.36	0.604891	1.22
GNPAT	dihydroxyacetone phosphate acyltransfera	1 18278862 18314025	0.000920	-1.22	0.739874	1.05	0.282348	-1.09
LYZ	lysozyme C	11 68408725 68414175	0.000920	-2.05	0.193947	1.67	0.720965	-1.12
CLIC6	LOW QUALITY PROTEIN: chloride intr	3 12065565 12110825	0.000924	4.64	0.160502	-3.64	0.667948	-1.32
LOC102130734	alpha-2-macroglobulin isoform X2	11 9354548 9400801	0.000924	1.43	0.001123	-1.67	0.298630	-1.16
LOC102121775	class I histocompatibility antigen, Gogo-B	0 3965 5050	0.000925	-3.68	0.161205	-2.69	0.000239	4.30
CLEC12B	C-type lectin domain family 12 member B	11 10352116 10360122	0.000929	7.19	0.847395	1.42	0.708865	-1.38
SUSD1	sushi domain-containing protein 1 isoform	15 25391276 25533823	0.000930	1.41	0.632848	-1.12	0.402502	1.12
PAPD5	non-canonical poly(A) RNA polymerase I	20 37953938 38040309	0.000940	-1.64	0.269302	1.37	0.059880	1.00
EPS8L3	epidermal growth factor receptor kinase s	1 116979052 116990366	0.000967	24.79	1.000000	-1.07	0.903352	1.23
SF3A1	splicing factor 3A subunit 1	10 21104649 21125862	0.000967	1.36	0.395208	-1.17	0.734133	1.05
LOC107130949	Ig lambda chain V-1 region BL2-like	10 29241652 29245641	0.000979	5.28	0.775645	1.41	0.994007	-1.01
RPP30	ribonuclease P protein subunit p30 isoform	9 89416069 89446239	0.000984	-1.41	0.956488	-1.02	0.905322	-1.02
LOC107129249		1 59220902 59228233	0.000986	2.81	0.000484	-3.71	0.067672	1.71
WDR63	WD repeat-containing protein 63	1 142112010 142176293	0.000986	2.39	0.560573	1.40	0.825448	1.09
LOC107130954	uncharacterized protein LOC107130954	10 230906 247780	0.000991	1.77	0.999136	1.00	0.002484	1.75
SRGAP3	SLIT-ROBO Rho GTPase-activating prot	2 139957961 140223237	0.000991	1.75	0.965362	-1.03	0.116915	1.37
TMEM14A	transmembrane protein 14A isoform X2	4 117948759 117963681	0.001014	-1.45	0.525948	1.16	0.174815	-1.21
VAPA	vesicle-associated membrane protein-asso	18 71058878 71098766	0.001018	-1.27	0.791391	1.05	0.409687	-1.09
LOC102130729		10 82102673 82123881	0.001018	-2.08	0.827976	-1.15	0.581822	-1.20
EPHB6	ephrin type-B receptor 6 isoform X1	3 176128932 176137041	0.001018	1.85	0.719964	1.17	0.988815	-1.00
TTC28	tetratricopeptide repeat protein 28 isoform	10 22836225 23546164	0.001064	1.62	0.579087	1.19	0.677555	1.09
ZCCHC9	zinc finger CCHC domain-containing pro	6 79576329 79583862	0.001064	-1.23	0.857309	-1.03	0.309841	1.09
SFT2D1	vesicle transport protein SFT2A	4 4419757 4442168	0.001064	-1.32	0.853115	-1.04	0.601392	1.06
SKP2	S-phase kinase-associated protein 2 isoform	6 36565890 36595851	0.001064	-1.46	0.279752	1.27	0.657119	1.08
MX2	interferon-induced GTP-binding protein M	3 5341292 5370474	0.001064	-2.34	0.343862	1.62	0.783397	1.11
RASSF10	ras association domain-containing protein	14 54727453 54728979	0.001064	4.08	0.883028	1.25	0.169107	2.02
ANKMY1	ankyrin repeat and MYND domain-contain	12 130337730 130428524	0.001064	2.55	0.643752	-1.35	0.699274	-1.17
SLCSA6	sodium-dependent multivitamin transport	13 83655185 83662383	0.001070	-1.53	0.002427	-1.79	0.965046	1.01
CCDC146	coiled-coil domain-containing protein 146	3 134988488 135145443	0.001074	4.04	0.956039	-1.08	0.882032	-1.11
FXD6	FXD domain-containing ion transport re	14 113804736 113807739	0.001074	-2.22	0.083071	2.03	0.589313	1.20
EXOC1	exocyst complex component 1 isoform X	5 78556210 78605184	0.001074	-1.38	0.768581	1.07	0.375831	1.12
CCDC180	LOW QUALITY PROTEIN: coiled-coil d	15 40397358 40482663	0.001087	3.35	0.156569	-2.56	0.635123	-1.28
GOPC	Golgi-associated PDZ and coiled-coil mo	4 21543266 21581537	0.001109	-1.65	0.348271	1.32	0.599448	1.12
C15Horf116	UPF0691 protein C9orf116 homolog isofo	15 2861153 2865669	0.001120	2.65	0.830334	-1.13	0.191154	-1.66
LOC107129018		2 192381975 192408233	0.001120	-16.29	0.872607	-1.37	0.320922	-3.06
DRAM2	DNA damage-regulated autophagy modul	1 115620550 115635167	0.001124	-1.47	0.855754	-1.06	0.737854	1.06
CD47	leukocyte surface antigen CD47 isoform X	2 164116932 164161544	0.001130	-1.32	0.798468	1.06	0.734816	-1.04
CFAP73	coiled-coil domain-containing protein 42f	11 116869825 116877455	0.001153	5.38	0.831558	-1.36	0.771476	1.25
PTGDR2	prostaglandin D2 receptor 2	14 13433784 13434974	0.001186	4.06	0.303510	2.38	0.753431	1.22
MAP1A	microtubule-associated protein 1A isoform	7 20495690 20515254	0.001189	2.03	0.772467	-1.17	0.372556	1.29
MDH1B	putative malate dehydrogenase 1B isoform	12 96329151 96388226	0.001205	3.13	0.929680	1.10	0.448501	-1.44
TRPM3	transient receptor potential cation channel	15 81286273 81869069	0.001205	2.04	0.987179	1.01	0.854462	1.07
EEF2	elongation factor 2	19 3986855 3995761	0.001208	1.32	0.212590	-1.22	0.786692	1.04
EPSTH1	epithelial-stromal interaction protein 1 iso	17 21943708 22168112	0.001223	-1.71	0.493099	-1.26	0.677559	-1.10
MUC16	mucin-16	19 9152484 9300476	0.001240	6.17	0.289034	3.21	0.137694	-2.83
STRADB	STE20-related kinase adapter protein beta	12 90823268 90848987	0.001277	-1.43	0.958643	-1.02	0.174843	-1.21
PDCD1	programmed cell death 1	12 131836451 131844230	0.001315	2.21	0.811321	-1.14	0.048724	1.63
LOC102136652	arachidonate 12-lipoxygenase, 12S-type	16 7024410 7039468	0.001321	3.46	0.968746	1.05	0.024515	-2.61
DEGS2	sphingolipid delta(4)-desaturase/C4-mono	7 165341301 165353725	0.001342	3.51	0.576398	-1.62	0.165348	-2.02
LOC102124892		8 8302648 8308210	0.001351	25.77	0.048507	27.28	0.044371	-6.87
SLC38A9	sodium-coupled neutral amino acid transp	6 55085208 55158585	0.001351	-1.51	0.792304	1.09	0.957256	-1.01
XKR8	XK-related protein 8	1 200257410 200264546	0.001380	-1.35	0.825061	1.06	0.922723	-1.02
SNN	stannin isoform X1	20 11950936 11953586	0.001383	1.46	0.813684	-1.07	0.640607	-1.08
FERMT1	fermitin family homolog 1 isoform X1	10 56367974 56417997	0.001414	7.71	0.702314	1.87	0.952455	-1.06
NUP214	nuclear pore complex protein Nup214 iso	15 7727616 7840219	0.001414	1.19	0.945926	-1.01	0.591473	-1.04
CREBZF	CREB/ATF bZIP transcription factor isofo	14 81233122 81234408	0.001414	-1.84	0.390165	1.38	0.642964	1.13
LRR6C66	leucine-rich repeat-containing protein 66	5 82498733 82528501	0.001416	-3.95	0.870757	-1.21	0.823804	1.16
RAB36	ras-related protein Rab-36 isoform X4	10 28154521 28171595	0.001423	2.72	0.641526	1.43	0.817276	-1.13
LOC102145967		1 142751425 142759908	0.001460	-1.28	0.920988	1.02	0.930957	-1.01
UBA3	NEDD8-activating enzyme E1 catalytic su	2 124708843 124733015	0.001460	-1.41	0.336068	1.22	0.296854	1.16
LILRB4	leukocyte immunoglobulin-like receptor s	19 55567445 55572105	0.001460	-3.50	0.172462	-2.62	0.561450	-1.37
SETD2	histone-lysine N-methyltransferase SETD	2 102015996 102132663	0.001489	1.25	0.535716	-1.10	0.703160	-1.04
EIF4EBP1	eukaryotic translation initiation factor 4E-	8 38839141 38871050	0.001489	-1.63	0.180146	-1.45	0.932755	-1.02
KRT14	keratin, type I cytoskeletal 14	16 53240832 53245172	0.001497	4.99	0.410375	2.50	0.007713	-5.87
PLBD1	phospholipase B-like 1	11 15123279 15177823	0.001497	1.55	0.875639	1.06	0.921411	1.02
LOC102136483	uncharacterized protein LOC102136483	0 302270 306066	0.001512	3.30	0.050408	3.22	0.398889	1.48
RBM23	probable RNA-binding protein 23 isoform	7 86592563 86604028	0.001518	1.23	0.388442	-1.12	0.910890	-1.01

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
LOC102129505		16 13228987 13389092	0.001554	2.36	0.042671	2.72	0.548528	1.26
RNLS	renalase isoform X4	9 86836516 87155622	0.001554	-1.68	0.277856	1.39	0.168448	-1.32
CDK2AP1	uncharacterized protein LOC101866723	11 127553295 127560774	0.001567	-1.57	0.580925	1.19	0.464145	1.15
CISH	cytokine-inducible SH2-containing protein	2 105859945 105863780	0.001583	1.61	0.318241	1.34	0.187678	-1.28
LOC107126497		9 37771250 37797915	0.001589	-31.45	0.919325	1.32	0.488464	2.37
BAHCC1	BAH and coiled-coil domain-containing p	16 79041811 79079675	0.001600	1.50	0.116618	-1.42	0.901031	-1.03
SMIM3	small integral membrane protein 3	6 150137678 150137860	0.001601	-1.26	0.000151	1.48	0.433208	1.08
LOC102142342		20 67946451 68041688	0.001611	2.36	0.021956	2.91	0.185636	1.55
HSBP1	heat shock factor-binding protein 1	20 72083626 72084982	0.001645	-1.23	0.402723	1.12	0.455836	1.07
TIAL1	nucleolysin TIAR isoform X2	9 118811476 118832681	0.001655	-1.23	0.797559	1.04	0.515374	-1.06
MYBL1	myb-related protein A isoform X4	8 67804558 67851069	0.001655	-2.98	0.982164	-1.02	0.985102	1.01
C5H4orf46	renal cancer differentiation gene 1 protein	5 157932859 157935041	0.001670	-1.48	0.975456	1.01	0.281261	1.19
FLT4	vascular endothelial growth factor recepto	6 180632816 180677189	0.001680	1.93	0.402511	1.42	0.175495	1.43
SELL	L-selectin isoform X2	1 27644663 27664868	0.001686	2.41	0.979788	1.02	0.277229	1.48
LOC102139009		0 4289 10189	0.001715	-1.53	0.289491	1.31	0.722259	1.07
DCLK1	serine/threonine-protein kinase DCLK1 is	17 15252343 15593963	0.001742	-3.07	0.877426	1.17	0.857193	1.10
LOC102124195		5 98629849 98655620	0.001777	5.82	0.384721	2.63	0.183258	2.58
SSTR4	somatostatin receptor type 4	10 39245081 39246247	0.001777	-11.70	0.133500	5.42	0.941476	1.08
MSANTD3	myb/SANT-like DNA-binding domain-co	15 37284258 37293231	0.001786	-1.65	0.600706	-1.20	0.258984	-1.26
SLC25A42	mitochondrial coenzyme A transporter SL	19 195722110 19585251	0.001801	1.81	0.970711	1.02	0.905019	-1.04
CIITA	MHC class II transactivator isoform X1	20 11139825 11194909	0.001811	1.67	0.805498	1.11	0.337903	1.23
CHI3L2	chitinase-3-like protein 2 isoform X3	1 115509254 115529579	0.001830	1.99	0.293629	-1.56	0.062460	1.63
EBAG9	receptor-binding cancer antigen expressed	8 110662939 110688963	0.001869	-1.28	0.084996	1.26	0.222452	1.13
LOC102120132		0 6 823	0.001877	2.07	0.965551	1.03	0.955718	-1.02
PTGS1	prostaglandin G/H synthase 1 isoform X2	15 14860279 14881861	0.001877	2.50	0.353120	-1.70	0.743246	1.15
MUC4	mucin-4 isoform X1	2 61849 82502	0.001877	2.46	0.966983	-1.04	0.259114	-1.53
9-Sep	#N/A	#N/A	0.001877	1.44	0.763245	-1.09	0.829031	1.04
ZNF274	neurotrophin receptor-interacting factor h	19 58780164 58811696	0.001877	1.31	0.966616	-1.01	0.876483	1.02
DTX4	E3 ubiquitin-protein ligase DTX4	14 14789674 14822153	0.001880	-1.66	0.030303	-1.76	0.025844	1.51
LOC101866362		18 6717 8492	0.001888	-2.17	0.209165	1.77	0.578426	1.21
C3H7orf60	probable methyltransferase BTM2 homolo	3 145342685 145476463	0.001919	-1.68	0.304505	1.39	0.530836	1.16
SLC30A2	zinc transporter 2	1 202297771 202304338	0.001953	4.42	0.971540	-1.07	0.479863	1.63
LOC102140179		15 83080579 83094963	0.001954	9.64	0.294158	3.09	0.056501	-3.34
MINK1	misshapen-like kinase 1 isoform X1	16 4888331 4954940	0.001973	1.24	0.564303	1.09	0.806601	-1.03
LOC102125000		14 17381626 17382573	0.002001	-7.00	0.775331	1.58	0.033903	-4.54
SPTB	spectrin beta chain, erythrocytic	7 129096855 129173405	0.002020	1.91	0.828849	1.13	0.075324	1.56
DNAJB14	uncharacterized protein LOC101864881	5 99170468 99216569	0.002031	-1.95	0.169116	1.70	0.314031	1.33
TMEM65	transmembrane protein 65	8 125672670 125731443	0.002039	-2.11	0.011145	2.57	0.606861	1.19
TMC5	transmembrane channel-like protein 5 iso	20 18795014 18863149	0.002084	5.79	0.632020	1.86	0.564575	-1.58
AGPAT5	1-acyl-sn-glycerol-3-phosphate acyltransf	8 6885844 6996145	0.002094	-1.58	0.341856	1.31	0.588963	1.12
FAM122B	protein FAM122B isoform X12	X 131690661 131715204	0.002113	-1.56	0.851151	1.08	0.832857	1.05
CCDC114	coiled-coil domain-containing protein 114	19 49108948 49134287	0.002152	3.43	0.992155	1.01	0.281960	-1.78
C8H8orf37	protein C8orf37 homolog isoform X3	8 96385752 96412524	0.002152	-1.46	0.463875	1.20	0.252926	1.20
PI16	peptidase inhibitor 16 isoform X2	4 133771080 133780313	0.002158	1.84	0.523602	1.31	0.026527	1.68
DUSP28	dual specificity phosphatase 28	12 130431229 130432626	0.002158	-1.39	0.475707	1.17	0.453589	-1.12
B3GNT8	UDP-GlcNAc:betaGal beta-1,3-N-acetylgl	19 42001971 42003164	0.002158	-1.67	0.437594	-1.30	0.999302	1.00
PPP2R2B	serine/threonine-protein phosphatase 2A 5	6 145861901 146353203	0.002158	-1.95	0.543152	-1.31	0.639907	-1.15
NEK10	serine/threonine-protein kinase Nek10 iso	2 20134506 20387281	0.002163	3.73	0.715069	-1.47	0.217201	-1.98
TBL1XR1	F-box-like/WD repeat-containing protein	2 81446923 81486782	0.002163	-2.01	0.284079	1.58	0.389197	1.29
NUMBL	numb-like protein isoform X1	19 41180154 41205166	0.002170	1.82	0.130360	1.67	0.544715	-1.17
BAHD1	bromo adjacent homology domain-contain	7 17255563 17282374	0.002170	1.23	0.539336	-1.09	0.336347	-1.09
LRRN2	leucine-rich repeat neuronal protein 2	1 63110026 63112167	0.002170	-1.50	0.966785	1.02	0.000157	-1.61
GLT6D1	glycosyltransferase 6 domain-containing p	6 121407105 121412579	0.002179	2.34	0.840825	1.16	0.250701	-1.50
SMG6	telomerase-binding protein EST1A isoform	16 1966009 2213963	0.002183	1.27	0.757402	-1.06	0.826296	-1.03
ATP2C2	calcium-transporting ATPase type 2C mem	20 72660246 72750626	0.002183	1.94	0.899488	1.08	0.545283	-1.20
KANK4	KN motif and ankyrin repeat domain-cont	1 165114014 165161226	0.002206	2.10	0.236399	1.71	0.789334	1.10
MRPL1	39S ribosomal protein L1, mitochondrial	5 56528043 56617930	0.002206	-1.39	0.295806	1.24	0.977740	-1.01
ATP2A3	sarcoplasmic/endoplasmic reticulum calci	16 3864288 3901156	0.002214	1.54	0.876217	-1.06	0.667218	1.09
FOXK1	forkhead box protein K1	3 39718373 39800599	0.002214	1.35	0.290713	-1.22	0.139423	1.20
MCM8	DNA helicase MCM8 isoform X2	10 56500074 56542619	0.002217	-1.47	0.003033	1.76	0.922607	1.02
PPP1R17	uncharacterized protein LOC101926466	3 88962547 88977420	0.002219	21.43	0.664571	-2.61	0.014508	-14.27
TES	testin isoform X1	3 148736548 148785331	0.002219	-1.55	0.492393	1.22	0.491021	1.14
CCDC89	coiled-coil domain-containing protein 89	14 81255977 81257101	0.002226	-1.78	0.403887	1.36	0.642795	1.13
ANKRD45	ankyrin repeat domain-containing protein	1 31547298 31596288	0.002239	7.46	0.567026	-2.22	0.005203	-9.36
LOC107128465		X 41789561 41792024	0.002260	2.26	0.030722	2.89	0.000000	4.86
MRPS35	uncharacterized protein LOC101866664	11 28402173 28443197	0.002260	-1.26	0.323906	1.16	0.563394	-1.06
LOC101925688		6 1282571 1328909	0.002260	1.34	0.466527	-1.15	0.975276	-1.00
AKAP13	A-kinase anchor protein 13 isoform X1	7 65669082 65919149	0.002260	1.30	0.635746	1.09	0.789116	-1.04
IL10	interleukin-10	1 65340900 65344795	0.002260	-3.26	0.517436	-1.68	0.454482	-1.47
LOC102145854		2 27657894 27717381	0.002261	2.32	0.865298	1.15	0.044938	-1.89
TNRC18	trinucleotide repeat-containing gene 18 pr	3 40690574 40812596	0.002261	1.39	0.675913	-1.11	0.361225	1.14
BLCAP	bladder cancer-associated protein	10 69092959 69093222	0.002261	-1.16	0.556607	1.06	0.043569	-1.12
SIX2	homeobox protein SIX2	13 65374600 65377546	0.002314	5.27	0.626802	2.03	0.967163	-1.04
PTPRO	receptor-type tyrosine-protein phosphatase	11 15972403 16245203	0.002314	3.51	0.076022	3.39	0.360661	1.65
CCR4	C-C chemokine receptor type 4	2 14423869 14424951	0.002314	2.39	0.194808	-2.00	0.014380	2.07
C15H9orf40	uncharacterized protein LOC101867488	15 85744394 85751481	0.002314	-1.83	0.682763	1.20	0.587756	1.16
ANO7	anoctamin-7 isoform X1	12 131139903 131182207	0.002328	2.35	0.987462	1.01	0.560222	-1.26
CHMP5	charged multivesicular body protein 5	15 45592419 45609010	0.002328	-1.40	0.094035	1.37	0.527555	1.10
TMEM168	transmembrane protein 168 isoform X1	3 145290654 145309991	0.002335	-1.51	0.107575	1.46	0.230337	1.23
PRPF39	pre-mRNA-processing factor 39 isoform 1	7 109351167 109371424	0.002335	-1.66	0.549012	1.23	0.876082	-1.04
MX1	myxovirus (influenza virus) resistance 1, i	3 5298759 5327477	0.002345	-2.81	0.227021	2.13	0.790881	1.14
CABIN1	calcineurin-binding protein cabin-1 isoform	0 482375 628217	0.002372	1.28	0.370723	-1.15	0.923819	1.01
IF144L	interferon-induced protein 44-like	1 148599623 148613581	0.002377	-2.18	0.012385	2.70	0.813728	1.10
DPF2	zinc finger protein ubi-d4 isoform X2	14 9178817 9196155	0.002382	1.20	0.158886	-1.16	0.857637	-1.02
MCU	calcium uniporter protein, mitochondrial i	9 62669341 62877369	0.002382	-1.30	0.964150	1.01	0.400290	-1.10
ZBED2	zinc finger BED domain-containing protei	2 160602211 160602867	0.002388	3.05	0.841810	1.22	0.971565	1.02
C3H7orf73	uncharacterized protein C7orf73 homolog	3 168639462 168651441	0.002393	-1.41	0.753407	1.09	0.786694	-1.05

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
LOC102121104	aldo-keto reductase family 1 member B10	3 167415544 167426331	0.002397	-1.77	0.003932	-2.24	0.968019	-1.01
FASTKD1	FAST kinase domain-containing protein 1	12 58379970 58429779	0.002399	-1.33	0.444623	1.15	0.933345	1.01
DLL4	delta-like protein 4	7 17816285 17824736	0.002406	1.75	0.264616	1.47	0.618629	1.14
RAPGEF2	rap guanine nucleotide exchange factor 2	5 158364936 158625424	0.002407	1.35	0.566217	1.13	0.272346	1.15
SLC25A20	mitochondrial carnitine/acylcarnitine carrier 20	2 104001618 104044802	0.002414	-1.36	0.688606	-1.10	0.107014	1.22
CFAP45	cilia- and flagella-associated protein 45 isoform 1	1 91773928 91802094	0.002465	2.15	0.407774	1.54	0.412322	-1.32
IL17RD	interleukin-17 receptor D isoform X2	2 112419159 112488777	0.002501	2.09	0.760496	1.19	0.492448	1.24
C18H1orf21	UPF0711 protein C18orf21 homolog isoform 1	18 46020880 46027228	0.002507	-1.31	0.929092	-1.02	0.336193	1.12
GRMC2	membrane-associated progesterone receptor 2	5 127262850 127279893	0.002525	-1.40	0.170938	1.31	0.812042	1.04
LOC102129056	dol-P-Glc:Glc(2)Man(9)GlcNAc(2)-PP-D	11 34741923 34746241	0.002525	-1.78	0.298708	1.45	0.845882	1.06
OBSL1	obscurin-like protein 1 isoform X2	12 109236618 109257388	0.002549	1.62	0.600718	1.20	0.286232	-1.24
PANK2	pancreatic acyl-CoA oxidase 2	10 58552442 58592339	0.002559	-1.22	0.745066	1.05	0.425449	-1.07
SERPINE2	glia-derived nexin	12 113751755 113778296	0.002581	1.41	0.205168	-1.30	0.812259	1.04
LOC102115343	zinc finger protein 316-like	19 50944873 50963148	0.002594	3.13	0.775043	-1.33	0.697442	1.25
RAB20	ras-related protein Rab-20	17 92930053 92966308	0.002594	-1.68	0.866137	1.08	0.467697	-1.18
C10H20orf194	uncharacterized protein C20orf194 homolog 1	10 59092077 59254584	0.002619	1.64	0.758523	1.13	0.367898	-1.22
HCN4	potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel subunit 4	7 51220499 51267730	0.002628	5.69	0.139927	-3.79	0.669786	-1.35
MTN3	LOW QUALITY PROTEIN: matrilin-3	13 91004919 91025789	0.002628	-2.28	0.000001	6.09	0.881747	-1.07
CCDC14	coiled-coil domain-containing protein 14	2 148171179 148243861	0.002637	-1.61	0.979469	1.01	0.573876	1.13
ZC3H7B	zinc finger CCCH domain-containing protein 7B	10 9755791 9803683	0.002654	1.47	0.973196	1.01	0.878823	1.03
LRG1	leucine-rich alpha-2-glycoprotein isoform 1	19 4610892 4612963	0.002655	3.32	0.929363	-1.11	0.775471	-1.18
LOC107129348		3 183700074 183701810	0.002665	4.15	0.319906	2.83	0.761417	1.25
LOC102117156		5 59580813 59636845	0.002671	-2.42	0.656988	1.34	0.239196	-1.54
RASGRP2	RAS guanyl-releasing protein 2 isoform X1	14 9817238 9836650	0.002683	1.65	0.579348	1.22	0.684026	-1.10
IPCEF1	interactor protein for cytohesin exchange factor 1	4 60498262 60605083	0.002695	1.43	0.464569	1.19	0.717485	1.07
ZMYND12	zinc finger MYND domain-containing protein 12	1 185230240 185253829	0.002740	-1.81	0.944153	-1.04	0.553793	1.18
MUC2	mucin-2	14 909936 945593	0.002755	25.58	1.000000	3.40	0.618486	-2.33
MARCO	macrophage receptor MARCO	12 13198682 13258158	0.002755	-3.04	0.778436	-1.29	0.571853	-1.33
BNIP3	LOW QUALITY PROTEIN: BCL2/adrenomedullary protein 3	9 131429140 131443438	0.002798	-1.76	0.755853	1.15	0.665377	1.12
ARL15	ADP-ribosylation factor-like protein 15 isoform 1	6 53315093 53758878	0.002808	-1.65	0.069115	1.66	0.797398	1.07
STOX1	storkhead-box protein 1	9 66907493 66917429	0.002811	2.21	0.579401	-1.35	0.957256	-1.03
FAR1	fatty acyl-CoA reductase 1 isoform X2	14 53979505 54014713	0.002811	-1.68	0.149512	1.56	0.511382	1.17
ADAMTSL1	ADAMTS-like protein 1 isoform X1	15 59870489 60818057	0.002811	-2.53	0.462267	1.59	0.341788	-1.47
LOC102143228	small integral membrane protein 20	19 22593138 22593341	0.002817	-160.22	1.000000	1.00	0.021785	80.19
RCOR2	REST corepressor 2 isoform X2	14 10660102 10664830	0.002825	2.27	0.948497	-1.05	0.200447	1.52
FAT4	protocadherin Fat 4 isoform X1	5 124263495 124448811	0.002837	1.46	0.439460	1.21	0.004958	1.46
SPTSSA	serine palmitoyltransferase small subunit 1	7 98356050 98392595	0.002837	-1.51	0.002930	1.83	0.962857	1.01
IGSF3	immunoglobulin superfamily member 3 isoform 1	1 110097267 110186788	0.002855	1.70	0.972166	-1.02	0.789492	1.07
CYSLTR2	cysteinyl leukotriene receptor 2 isoform X1	17 27865944 27875506	0.002899	2.12	0.614014	1.31	0.424924	1.29
PCYT1B	choline-phosphate cytidylyltransferase B isoform 1	X 22556071 22460922	0.002899	1.76	0.879961	-1.08	0.039178	1.54
ATP1B3	uncharacterized protein LOC101865296	2 44010210 44057680	0.002910	-1.25	0.792175	-1.05	0.025622	-1.21
TMEM132E	transmembrane protein 132E	16 30982781 30994904	0.002927	3.13	0.000543	9.20	0.827184	-1.14
C6H5orf30	UNC119-binding protein C5orf30 homolog 1	6 101822798 101823418	0.002935	-1.48	0.279324	1.30	0.455039	1.14
RGS22	regulator of G-protein signaling 22 isoform 1	8 101094257 101246382	0.002950	3.49	0.871598	1.21	0.935343	-1.06
LOC102133044	HLA class II histocompatibility antigen, DRB1 gene	4 48970 49866	0.002957	1.82	0.007380	-2.23	0.105545	1.46
C16H17orf97	protein LAT1 isoform X1	16 283485 287962	0.003054	4.35	0.678835	1.64	0.313085	-1.97
ETNK1	ethanolamine kinase 1	11 23314362 23349536	0.003094	-1.92	0.149587	1.75	0.782650	1.09
MAPRE3	uncharacterized protein LOC101925557	13 83850189 83854309	0.003106	1.63	0.811346	1.11	0.330093	-1.23
FTO	alpha-ketoglutarate-dependent dioxygenase FTO	20 41564473 41985035	0.003113	1.29	0.993669	1.00	0.668883	1.05
GRIK4	glutamate receptor ionotropic, kainate 4 isoform 1	14 116729515 117059134	0.003166	2.66	0.318257	1.97	0.789512	-1.15
LOC102120083	galectin-10	19 40145738 40150964	0.003167	9.96	0.133714	7.14	0.482639	-1.90
CFAP206	UPF0704 protein C6orf165 homolog isoform 1	4 86451777 86512858	0.003172	2.73	0.491465	-1.72	0.984587	-1.01
TMEM213	transmembrane protein 213	3 171778198 171783404	0.003172	2.06	0.699569	1.24	0.366641	1.33
ENTPD6	ectonucleoside triphosphate diphosphohydrolase 6	10 37118782 37148588	0.003175	-1.29	0.314695	-1.18	0.297888	-1.12
ABCG4	ATP-binding cassette sub-family G member 4	14 115187396 115198329	0.003181	2.11	0.710923	1.25	0.556112	-1.23
CCDC88C	protein Daple isoform X1	7 156237400 156392753	0.003181	1.26	0.000000	-1.69	0.110738	1.16
LOC102137002		14 9080090 9090513	0.003183	-2.03	0.859681	1.12	0.393017	-1.31
SKI	ski oncogene	1 226079464 226161511	0.003218	1.51	0.684858	1.14	0.402860	1.17
TARS2	threonine-tRNA ligase, mitochondrial isoform 1	1 101565880 101586995	0.003218	1.26	0.959668	-1.01	0.425437	1.09
BMI1	polycomb complex protein BMI-1	9 22841049 22844147	0.003218	-1.46	0.027383	1.57	0.171586	1.24
LOC102135631	serpin B3	18 16671100 16676332	0.003221	5.40	0.494657	-2.27	0.222323	2.48
LAMTOR3	regulator complex protein LAMTOR3 isoform 1	5 99151237 99163421	0.003293	-1.39	0.530211	1.16	0.695793	-1.06
FAM135A	protein FAM135A isoform X12	4 103330772 103447365	0.003293	-1.64	0.239996	1.44	0.918273	-1.03
DSN1	kinetochore-associated protein DSN1 homolog 1	10 68330059 68348544	0.003297	-1.25	0.958950	1.01	0.909040	1.01
SPEF1	sperm flagellar protein 1 isoform X1	10 58710244 58714198	0.003327	3.57	0.882728	-1.21	0.205036	-2.12
PQLC3	PQ-loop repeat-containing protein 3 isoform 1	13 99801476 99824030	0.003372	1.23	0.553687	1.10	0.141707	1.14
MGAM	maltase-glucoamylase, intestinal isoform 1	3 175007490 175141629	0.003380	2.44	0.549363	1.48	0.400981	1.41
GOLGB1	golgin subfamily B member 1 isoform X1	2 150477542 150550468	0.003415	1.28	0.781725	-1.06	0.747297	-1.04
CLTCL1	clathrin heavy chain 2 isoform X1	10 32186674 32302662	0.003415	-2.38	0.458909	1.56	0.921410	1.05
LRR1M3	leucine-rich repeat transmembrane neuron class 1 member 3	9 68917470 69086492	0.003460	7.43	0.327647	-3.07	0.211773	-2.54
LOC102131399		0 4332 12057	0.003485	4.54	0.852596	-1.29	0.619227	-1.41
ADGRE2	adhesion G protein-coupled receptor E2 isoform 1	19 15155178 15175002	0.003501	-1.77	0.459293	-1.34	0.817276	-1.07
CPSF6	cleavage and polyadenylation specificity factor 6	11 68283396 68307051	0.003540	-1.54	0.549650	1.20	0.337687	1.20
AKAP6	A-kinase anchor protein 6 isoform X1	7 96347350 96756778	0.003544	1.76	0.471673	1.32	0.481998	-1.20
C19H19orf35	putative uncharacterized protein C19orf35	19 2146914 2152163	0.003544	1.75	0.361521	1.50	0.561590	1.19
RAB2A	ras-related protein Rab-2A	8 61631380 61733174	0.003544	-1.54	0.121122	1.48	0.583247	1.12
PCGF6	polycomb group RING finger protein 6 isoform 1	9 102360623 102402156	0.003544	-1.65	0.546092	1.25	0.626278	1.12
ACYP2	acylphosphatase 2, muscle type	13 55763584 55959465	0.003557	-1.69	0.512719	1.26	0.157504	-1.37
LOC102119346	cocaine esterase-like	20 55075763 55087076	0.003628	1.96	0.471956	1.40	0.037333	-1.73
MYO7B	unconventional myosin-VIIb	12 3988342 4074536	0.003630	1.65	0.918326	1.06	0.798034	1.07
DPT	dermatopontin	1 26669826 26703324	0.003637	2.16	0.861716	1.13	0.819121	1.09
ERVFRD-1	syncytin-2 precursor	4 159747084 159748697	0.003640	4.66	0.000562	13.90	0.253916	-2.13
BBIP1	BBSome-interacting protein 1 isoform X1	9 110100092 110118289	0.003647	-1.27	0.765297	1.07	0.403142	1.10
C5H4orf27	UPF0609 protein C4orf27 homolog isoform 1	5 168939570 168969943	0.003654	-1.34	0.966374	-1.01	0.024321	1.29
LOC102140364	uncharacterized protein LOC102140364	3 145653915 145655469	0.003654	-1.41	0.585586	1.15	0.751394	1.06
LOC101925240	uncharacterized protein LOC101925240	4 139035867 139049762	0.003670	2.90	0.686655	1.27	0.552928	-1.35
MTA3	metastasis-associated protein MTA3 isoform 1	13 67681585 67866244	0.003670	1.26	0.999575	1.00	0.353176	-1.10

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
LOC102139733	signal-regulatory protein beta-1 isoform 3	10 60968239 60985629	0.003674	2.01	0.176558	1.81	0.106225	1.60
MEMO1	protein MEMO1	13 78721278 78864457	0.003674	-1.41	0.887889	-1.05	0.901911	1.02
RMDN1	regulator of microtubule dynamics protein	8 87533421 87567281	0.003680	-1.27	0.803911	1.05	0.370282	-1.10
CXCR2	C-X-C chemokine receptor type 2	12 107777290 107778357	0.003698	3.53	0.755976	1.39	0.172096	2.11
RTN1	reticulon-1 isoform X1	7 123875248 124155651	0.003704	1.46	0.135011	-1.41	0.308763	-1.19
SOX17	uncharacterized protein LOC101925698	8 55495531 55497376	0.003704	-1.55	0.349160	1.32	0.821117	1.06
MED7	mediator of RNA polymerase II transcript	6 156528289 156528987	0.003739	-1.33	0.613078	1.11	0.466553	1.10
LOC107129826		5 138691310 138734498	0.003748	-1.36	0.059572	1.39	0.118412	-1.22
ZRANB2	zinc finger Ran-binding domain-containing	1 156256086 156271798	0.003748	-1.85	0.229623	1.59	0.446273	1.24
S100A12	LOW QUALITY PROTEIN: protein S100	1 98496632 98497396	0.003759	3.80	0.571444	1.83	0.640196	-1.40
COLEC12	collectin-12	18 61553001 61751192	0.003773	1.94	0.164228	1.75	0.513315	1.22
TMEM161B	transmembrane protein 161B isoform X1	6 86612942 86685180	0.003787	-1.59	0.392503	1.30	0.356582	1.21
MLF1	myeloid leukemia factor 1 isoform X1	2 60924266 60960849	0.003843	2.34	0.915438	-1.10	0.067237	-1.88
LBH	protein LBH	13 80509843 80535999	0.003852	1.66	0.985772	1.01	0.187678	1.33
UBE2G2	ubiquitin-conjugating enzyme E2 G2	3 1937870 1969201	0.003852	-1.19	0.446413	1.09	0.195229	-1.10
CDKL4	cyclin-dependent kinase-like 4	13 71392764 71449605	0.003852	-2.27	0.049494	2.49	0.873043	1.07
MS4A2	high affinity immunoglobulin epsilon rece	14 14084643 14091832	0.003860	5.42	0.687321	1.65	0.268199	2.15
IFT140	intraflagellar transport protein 140 homol	20 1555861 1661618	0.003868	1.49	0.174494	-1.39	0.285841	-1.20
SACM1L	phosphatidylinositol phosphatase SAC1	2 100696174 100751360	0.003868	-1.42	0.843086	1.07	0.479413	1.12
MAP4	microtubule-associated protein 4 isoform	2 102924510 103081794	0.003899	1.30	0.553687	1.12	0.969366	1.01
GPR180	integral membrane protein GPR180	17 77222656 77250050	0.003902	-1.90	0.217948	1.64	0.476052	1.23
LOC107130505		1 213112993 213115631	0.003902	-3.83	0.321766	3.53	0.622541	1.44
LAMTOR5	ragulator complex protein LAMTOR5	1 116325333 116331723	0.003914	-1.38	0.987471	1.01	0.278678	-1.17
DNAJB13	dnaJ homolog subfamily B member 13 iso	0 1162 20540	0.003918	4.10	0.451287	-2.32	0.072824	-3.02
NTN1	netrin-1	16 9152704 9383639	0.003918	2.28	0.347002	1.67	0.378479	-1.38
EHD3	EH domain-containing protein 3	13 79476197 79506963	0.003926	2.02	0.538819	1.37	0.073431	1.67
GUF1	translation factor GUF1, mitochondrial iso	5 44555495 44575569	0.003929	-1.52	0.544138	1.20	0.731580	1.07
UNC119B	protein unc-119 homolog B	11 124659793 124668739	0.003937	1.29	0.256924	-1.20	0.474031	1.09
DMRTC2	doublesex- and mab-3-related transcriptio	19 42343466 42348111	0.003939	25.46	1.000000	-44.19	0.034150	-15.79
SYT2	synaptotagmin-2	1 60975790 60984780	0.004003	2.94	0.972212	1.05	0.207826	-1.70
GGH	gamma-glutamyl hydrolase	8 64127827 64151726	0.004034	-1.55	0.827275	1.09	0.679551	1.09
LOC102141318		0 59446 61706	0.004052	-1.67	0.442823	1.31	0.439610	1.20
ALDOC	fructose-bisphosphate aldolase C isoform	16 24807041 24810571	0.004059	-2.38	0.895774	1.12	0.268000	1.53
LRRC55	leucine-rich repeat-containing protein 55	14 16434378 16440136	0.004074	5.63	0.672273	-1.72	0.750717	1.29
DLEC1	deleted in lung and esophageal cancer pro	2 92916809 92983153	0.004093	3.42	0.449409	1.91	0.126424	-2.22
KATNBL1	KATNB1-like protein 1	7 10802954 10824972	0.004121	-1.77	0.599431	1.25	0.929519	1.03
CPLX2	uncharacterized protein LOC101865695	6 175589555 175590837	0.004126	20.46	0.360854	-5.89	0.316854	-4.33
COL19A1	collagen alpha-1(XI) chain isoform X1	4 103665336 103991131	0.004126	6.76	0.404300	2.81	0.085517	-4.09
LOC107131032		10 28789642 28790491	0.004126	3.01	0.257870	2.23	0.745153	-1.19
BPNT1	3(2'),5'-bisphosphate nucleotidase 1 isofo	1 78779270 78804452	0.004126	-1.27	0.213076	-1.20	0.325288	1.11
MAL2	protein MAL2 isoform X2	8 120467947 120500927	0.004140	-1.61	0.994670	1.00	0.708461	1.09
TRAF3IP1	TRAF3-interacting protein 1 isoform X5	12 128155191 128250594	0.004142	1.55	0.697444	-1.15	0.641584	-1.11
LRRC6	protein tllB homolog isoform X2	8 133953375 134047176	0.004144	2.30	0.272250	-1.80	0.796250	-1.11
FGGY	FGGY carbohydrate kinase domain-conta	1 167624359 168046100	0.004144	-1.34	0.065526	-1.35	0.016575	-1.30
TP63	tumor protein 63 isoform X3	2 7573970 7836164	0.004146	4.30	0.912228	1.19	0.906068	1.10
CPM	carboxypeptidase M	11 67901097 67973987	0.004146	-2.05	0.816784	-1.16	0.224665	-1.47
PRR12	proline-rich protein 12	19 50437046 50469410	0.004150	1.43	0.566219	-1.16	0.143389	1.25
FRG1	protein FRG1	5 189339486 189361943	0.004150	-1.17	0.051463	-1.20	0.034338	-1.14
P2RY2	P2Y purinoceptor 2	14 68458930 68460063	0.004150	-1.59	0.865298	-1.08	0.053072	-1.44
MTHFS	5-formyltetrahydrofolate cyclo-ligase isof	7 58305419 58356275	0.004161	-1.41	0.023392	-1.54	0.003102	-1.45
C1D	C1D nuclear receptor corepressor	13 41908968 41913175	0.004161	-1.49	0.141074	1.43	0.458356	1.15
LOC102119686		9 56028450 56029144	0.004161	-1.97	0.000000	50.76	0.596375	-1.19
DMKN	dermokine isoform X4	19 35947286 35962651	0.004161	-3.03	0.793556	1.28	0.379567	-1.56
ZNF266	zinc finger protein 266	19 9708606 9715360	0.004163	1.34	0.395208	1.19	0.984304	-1.00
CDH10	cadherin-10	6 24910225 25022650	0.004163	-2.20	0.389142	1.57	0.029258	1.96
YAF2	uncharacterized protein LOC101865921	11 40696824 40776217	0.004225	-1.63	0.365976	1.35	0.674176	1.11
RUNDC3A	RUN domain-containing protein 3A isofo	16 56102042 56107818	0.004236	3.76	0.526715	-2.13	0.583275	-1.38
RHPN2	rhopilin-2	19 33336931 33416038	0.004264	1.87	0.656406	-1.24	0.633388	1.16
KIAA1715	protein lunapark isoform X3	12 64882899 64960648	0.004264	-1.63	0.617896	1.20	0.212916	1.31
DNAH1	dynein heavy chain 1, axonemal isoform 2	2 107595440 107671781	0.004283	3.14	0.990354	-1.02	0.179750	-1.99
LRCH2	leucine-rich repeat and calponin homolog	X 112030120 112157048	0.004283	-1.61	0.679647	-1.16	0.327567	1.23
COMMD10	COMM domain-containing protein 10 iso	6 114978101 115235884	0.004288	-1.76	0.632848	1.23	0.433101	1.23
LOC107127815		16 41976548 41988764	0.004303	6.14	0.326266	-3.99	0.460308	-1.83
LOC102120260		1 250856 257221	0.004331	3.50	0.022085	4.98	0.810973	1.17
DAPK1	death-associated protein kinase 1 isoform	15 98162288 98371567	0.004333	1.41	0.092590	-1.41	0.211855	-1.21
LOC107127955		17 29258380 29264635	0.004369	-2.71	0.203926	2.23	0.982723	-1.01
LOC102143239		11 6862291 6869296	0.004379	-1.79	0.351612	1.44	0.187858	1.40
SSC5D	soluble scavenger receptor cysteine-rich d	19 56334623 56359683	0.004442	1.55	0.472790	-1.24	0.137972	1.31
FAM65B	protein FAM65B isoform X4	4 145520965 145763560	0.004449	1.72	0.733772	1.16	0.275957	1.30
LOC101867150		20 55090660 55102701	0.004458	2.40	0.564564	1.50	0.651342	-1.21
LOC102137481		4 137807211 137809996	0.004458	2.02	0.880087	-1.11	0.010731	1.97
ERH	enhancer of rudimentary homolog	7 133941042 133958574	0.004458	-1.33	0.970690	-1.01	0.923619	1.02
MAP3K7	mitogen-activated protein kinase kinase ki	4 83350588 83419938	0.004458	-1.38	0.501667	1.17	0.673937	1.07
RFX1	MHC class II regulatory factor RFX1 iso1	19 14312438 14345965	0.004461	1.40	0.807442	-1.08	0.514117	1.11
SPTAN1	spectrin alpha chain, non-erythrocytic 1 is	15 10541308 10624518	0.004463	1.38	0.747180	1.09	0.571561	-1.09
SORCS1	VPS10 domain-containing receptor SorCS	9 105701539 106291920	0.004468	4.88	0.006930	16.10	0.356263	-1.89
DBP	uncharacterized protein LOC101926570	19 49463997 49470773	0.004470	1.97	0.289491	-1.60	0.687648	-1.14
CFAP46	cilia- and flagella-associated protein 46 is	9 132289951 132414471	0.004501	3.26	0.893639	1.17	0.502519	-1.47
LOC102142722		4 26520191 26534938	0.004501	2.80	0.768077	1.30	0.063184	2.38
LOC102138293		14 49439406 49442048	0.004501	-6.12	0.642529	-2.47	0.938718	1.09
TEKT4	tektin-4	15 108672277 108677536	0.004518	3.95	0.745812	1.47	0.790941	-1.22
LOC102119952		3 108437294 108438049	0.004533	1.48	0.437141	-1.24	0.508655	1.13
LRIG1	leucine-rich repeats and immunoglobulin-	2 121979035 122103738	0.004561	1.66	0.929140	1.05	0.978558	1.01
CLCA4	calcium-activated chloride channel regula	1 140719107 140754989	0.004562	-6.78	0.920804	-1.20	0.552928	-1.65
GTPBP1	GTP-binding protein 1 isoform X2	10 12483786 12515168	0.004565	1.28	0.390165	-1.16	0.995497	-1.00
CTN	cingulin	1 100440191 100459772	0.004567	1.68	0.662401	1.19	0.908879	-1.03
TMEM260	transmembrane protein 260 isoform X1	7 120847683 120909721	0.004567	-1.36	0.602755	-1.13	0.420083	-1.12

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
ARHGEF37	rho guanine nucleotide exchange factor 37	6 148927057 148965399	0.004630	2.22	0.987179	-1.01	0.442264	-1.33
MRS2	magnesium transporter MRS2 homolog, n	4 146158268 146175379	0.004630	-1.33	0.321264	1.21	0.435147	1.11
LOC101867390		6 37335 74977	0.004673	-2.83	0.690954	1.39	0.193160	-1.80
USP11	ubiquitin carboxyl-terminal hydrolase 11	X 45689773 45706452	0.004693	1.30	0.903627	1.03	0.426678	-1.10
MBNL1	muscleblind-like protein 1 isoform X9	2 54617550 54818962	0.004693	-1.55	0.471328	1.25	0.658072	1.10
LOC102142105	Ig heavy chain V-I region 5-like	13 18966461 18966963	0.004707	3.38	0.145692	-2.64	0.495055	-1.40
STX12	syntaxin-12 isoform X1	1 200392753 200443708	0.004707	-1.29	0.001252	1.52	0.894922	-1.02
C1SD2	uncharacterized protein LOC101926114	5 102189977 102209499	0.004707	-1.46	0.937967	1.03	0.802958	1.05
C5H4orf3	uncharacterized protein C4orf3 homolog	5 118453150 118454933	0.004707	-1.48	0.548535	1.19	0.474043	1.14
CLCA2	calcium-activated chloride channel regula	1 140843605 140873988	0.004729	3.86	0.494657	-1.96	0.176913	2.23
LOC102142509	Ig heavy chain V-I region 5-like	13 18949481 18949982	0.004729	3.55	0.787544	1.33	0.624738	1.34
DCAF17	DDB1- and CUL4-associated factor 17	12 60396820 60420100	0.004729	-1.46	0.035299	-1.58	0.605166	1.10
C4H6orf141	uncharacterized protein C6orf141 homolo	4 121065158 121065895	0.004729	-2.54	0.085276	-2.71	0.507636	-1.34
LOC107130511	putative V-set and immunoglobulin doma	7 171303866 171304434	0.004760	3.30	0.913575	-1.13	0.750778	-1.19
RAB14	ras-related protein Rab-14	15 16103676 16116482	0.004760	-1.34	0.366808	1.20	0.655711	1.07
CD244	natural killer cell receptor 2B4 isoform X	1 90773178 90806829	0.004774	1.57	0.973774	1.02	0.026812	1.48
SRCAP	helicase SRCAP isoform X1	20 29327850 29370379	0.004774	1.20	0.199566	-1.16	0.356645	-1.08
SMIM20	small integral membrane protein 20	5 25134358 25149082	0.004774	-1.24	0.883156	-1.03	0.326111	-1.10
CCNH	cyclin-H	6 85769821 85788195	0.004774	-1.31	0.645797	1.10	0.593831	-1.07
LOC107129552		4 129416180 129419495	0.004774	-1.71	0.005945	2.32	0.001503	-2.00
LOC102146407		11 16731050 16838603	0.004774	-3.59	0.878397	1.21	0.191375	-1.98
EXOSC8	exosome complex component RRP43	17 16399124 16407778	0.004824	-1.28	0.193414	-1.23	0.735513	1.04
LOC102127781	tripartite motif-containing protein 60	5 164312450 164313874	0.004843	-4.23	0.387726	2.37	0.615304	1.42
SCARB1	scavenger receptor class B member 1 isofo	11 129147658 129235039	0.004845	1.26	0.886381	1.03	0.398809	-1.09
CPNE3	copine-3	8 87588743 87619987	0.004861	-1.43	0.984610	1.01	0.799393	1.05
STIM1	stromal interaction molecule 1 isoform X	14 66550745 66769687	0.004869	1.33	0.988609	-1.00	0.698932	1.06
NHLRC1	E3 ubiquitin-protein ligase NHLRC1	4 152525915 152527102	0.004898	-1.55	0.981574	-1.01	0.917642	-1.03
LOC107127721	cytochrome b5 domain-containing protein	16 7964673 7984746	0.004920	1.41	0.480222	1.20	0.978457	-1.01
UBE2V2	uncharacterized protein LOC101866470	8 48866543 48924671	0.004920	-1.52	0.499887	1.23	0.475898	1.15
FGFR1	fibroblast growth factor receptor 1 isoform	8 39233441 39278727	0.004971	1.60	0.280787	-1.40	0.496163	1.16
SLC44A4	choline transporter-like protein 4	4 138977701 138996552	0.004981	1.67	0.518475	-1.28	0.003100	-1.77
NUDT12	peroxisomal NADH pyrophosphatase NU	6 102099422 102108752	0.005002	-1.66	0.139927	1.59	0.092252	1.44
KIAA1211	uncharacterized protein KIAA1211 homo	5 78090018 78130272	0.005028	1.65	0.904352	-1.06	0.018348	1.61
TMEM50A	transmembrane protein 50A	1 203048728 203069804	0.005028	-1.25	0.552139	1.10	0.502621	1.07
LOC102121713	pulmonary surfactant-associated protein A	9 56071137 56073839	0.005053	-2.10	0.608292	1.34	0.569134	-1.23
STG6ALNAC1	alpha-N-acetylgalactosaminide alpha-2,6-	16 74004984 74022956	0.005072	3.05	0.096847	-3.19	0.336347	-1.64
LOC102127857		3 103159702 103315119	0.005101	5.89	0.071489	-6.68	0.021223	-5.13
BAG6	large proline-rich protein BAG6 isoform	4 139220460 139234977	0.005104	1.23	0.587854	-1.09	0.933589	-1.01
NLRC3	LOW QUALITY PROTEIN: protein NLR	20 3800798 3836148	0.005108	1.98	0.327427	-1.54	0.054932	1.68
LOXHD1	lipoygenase homology domain-containin	18 35214722 35398023	0.005113	2.09	0.035315	-2.49	0.430559	1.32
HOGA1	4-hydroxy-2-oxoglutarate aldolase, mitoc	9 96397568 96426253	0.005165	2.12	0.904679	-1.10	0.415197	-1.31
MAP6	microtubule-associated protein 6 isoform	14 70895953 70977197	0.005165	1.88	0.785012	-1.16	0.464074	1.24
LVRN	aminopeptidase Q	6 114848225 114919587	0.005198	6.18	0.899803	-1.26	0.052417	-4.23
RSPO1	R-spondin-1	1 190187259 190203828	0.005216	3.06	0.280291	2.24	0.657910	-1.28
LOC102136769	olfactory receptor 1411-like	1 1648667 1649614	0.005236	-3.31	0.976357	-1.04	0.171931	-1.97
LOC102119554		2 124909927 124916492	0.005236	-6.50	0.865298	1.28	0.053072	-3.23
CHD8	chromodomain-helicase-DNA-binding pro	7 84962938 85006027	0.005267	1.26	0.583525	-1.10	0.959604	1.01
YAE1D1	LOW QUALITY PROTEIN: yae1 domain	3 80859217 80905543	0.005268	-1.36	0.810974	1.07	0.769279	1.05
ASH1L	histone-lysine N-methyltransferase ASH1	1 96285051 96471896	0.005273	1.21	0.572754	1.09	0.823357	1.02
PUS7L		11 42208517 42338749	0.005273	-1.53	0.982070	-1.01	0.091327	1.36
L1TD1	LINE-1 type transposase domain-containi	1 165197302 165202105	0.005359	5.59	0.863047	1.27	0.694970	-1.34
MAP3K7CL	MAP3K7 C-terminal-like protein isoform	3 17771413 17812406	0.005360	-2.59	0.886381	1.14	0.898966	1.07
LOC102119605	Ig lambda chain V-III region LOI-like	10 20203 20934	0.005417	3.51	0.135350	3.24	0.628846	-1.34
LOC102125237		4 133835 141251	0.005417	-1.83	0.413423	-1.43	0.480659	-1.23
SPR	sepiapterin reductase	13 36971048 36975080	0.005422	-1.51	0.814321	-1.09	0.855975	1.04
PRR16	protein Largen isoform X1	6 119457788 119669900	0.005438	-2.16	0.000501	4.32	0.320845	1.42
LOC102116403		6 80612152 80657769	0.005455	-2.46	0.486224	1.55	0.006071	2.49
LOC102139585	pseudouridine-5'-phosphatase	18 42361411 42362055	0.005456	1.91	0.573604	-1.32	0.361333	1.32
CD79A	B-cell antigen receptor complex-associat	19 42375114 42377589	0.005464	2.72	0.458135	-1.70	0.602729	1.29
SLC4A8	electroneutral sodium bicarbonate exchan	11 50332117 50414034	0.005485	3.48	0.942289	1.10	0.999780	-1.00
IIPKB	inositol-trisphosphate 3-kinase B	1 85501096 85603830	0.005486	1.56	0.746254	1.13	0.551230	1.14
ATXN2L	ataxin-2-like protein isoform X13	20 27508777 27522889	0.005579	1.20	0.378056	-1.12	0.950912	-1.01
SAA1	serum amyloid A-1 protein	14 49418219 49421125	0.005634	-9.25	0.660491	2.82	0.703497	-1.52
JAML	junctional adhesion molecule-like isoform	14 114172212 114193475	0.005664	1.90	0.297373	-1.57	0.826537	1.08
LOC102128790		19 35660874 35680964	0.005671	1.86	0.112633	-1.75	0.265739	-1.34
CCDC8	coiled-coil domain-containing protein 8	19 47167142 47168782	0.005671	1.43	0.242505	-1.31	0.337435	1.17
BCR	breakpoint cluster region protein	10 28001765 28135507	0.005671	1.31	0.526059	1.14	0.001503	-1.37
REEP4	receptor expression-enhancing protein 4	8 22275258 22278255	0.005671	-1.46	0.166789	-1.39	0.509465	-1.13
LOC102133235	steroid 17-alpha-hydroxylase/17,20 lyase	9 101863817 101870740	0.005671	-2.82	0.635906	-1.51	0.897947	-1.09
RIMKLA	N-acetylaspartylglutamate synthase A	1 185269569 185303664	0.005671	-3.16	0.741371	1.46	0.167031	2.01
LOC102129780	serpin B8	18 16307995 16319548	0.005673	-1.77	0.714529	-1.19	0.745641	-1.10
WDR73	WD repeat-containing protein 73	7 65131782 65143347	0.005679	1.29	0.993669	1.00	0.623927	-1.07
RAB31	ras-related protein Rab-31	18 70857665 71006283	0.005680	-1.29	0.074388	-1.32	0.000000	1.56
LOC101925283		2 95386408 95394599	0.005720	-1.79	0.000000	-36.14	0.137332	-1.46
NAPG	gamma-soluble NSF attachment protein	18 71664511 71687983	0.005728	-1.51	0.297373	1.34	0.968081	-1.01
BOK	bcl-2-related ovarian killer protein	12 131554135 131564246	0.005737	-1.78	0.285787	-1.51	0.000469	-2.07
TLR7	tolllike receptor 7 isoform X1	X 10612111 10633028	0.005744	1.97	0.986603	-1.01	0.063819	1.70
MBD6	methyl-CpG-binding domain protein 6 iso	11 56505981 56510906	0.005744	1.21	0.261244	-1.16	0.355333	-1.09
SKP1	S-phase kinase-associated protein 1	6 133175536 133191340	0.005793	-1.24	0.047496	1.29	0.523674	1.07
INSIG2	insulin-induced gene 2 protein isoform X	12 14095045 14107197	0.005793	-1.43	0.980407	1.01	0.476549	1.13
SELP	P-selectin	1 27542456 27582768	0.005798	1.59	0.006889	1.97	0.339303	-1.23
UBE2D2	ubiquitin-conjugating enzyme E2 D2 isof	6 138682417 138748453	0.005798	-1.24	0.664661	1.08	0.419209	1.09
PLPP6	presqualene diphosphate phosphatase	15 74434383 74435273	0.005815	-1.28	0.023139	-1.38	0.837472	-1.03
LOC102119576	T-cell receptor beta chain V region A20.2	3 175439295 175440073	0.005827	-5.40	0.816727	-1.43	0.885010	-1.14
BFAR	bifunctional apoptosis regulator	20 15069325 15093441	0.005878	-1.20	0.488582	1.10	0.188993	-1.11
ZFAND1	AN1-type zinc finger protein 1 isoform X	8 82880050 82898298	0.005878	-1.59	0.605365	1.20	0.959604	-1.01
LOC107128707	cytochrome P450 2F5-like	0 4227 4702	0.005898	25.68	1.000000	-3.86	0.667700	-2.06

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
LOC102122997	aldo-keto reductase family 1 member B10	3 167497180 167511480	0.005898	-2.06	0.792531	-1.19	0.980404	-1.01
TGDS	uncharacterized protein LOC101926513	17 77196495 77217277	0.005923	-1.34	0.369764	1.20	0.475706	1.11
LOC102147033	10 kDa heat shock protein, mitochondrial	12 86691091 86693868	0.005923	-1.45	0.773144	1.10	0.810309	1.05
SRP9	signal recognition particle 9 kDa protein	1 84585872 84598143	0.005926	-1.75	0.428707	1.37	0.449625	1.22
KCNE1	potassium voltage-gated channel, Isk-relat	3 12320876 12327371	0.005927	-1.76	0.280076	1.51	0.375862	-1.27
RNF223	RING finger protein 223	1 227351571 227352320	0.005970	-6.32	0.335543	-4.59	0.444922	1.95
VPS29	vacuolar protein sorting-associated protein	11 114100688 114111632	0.005976	-1.38	0.676597	1.11	0.713543	1.06
SPTLC3	serine palmitoyltransferase 3 isoform X1	10 49323088 49490780	0.006003	2.70	0.530675	-1.51	0.287932	1.54
MGATA4	alpha-1,3-mannosyl-glycoprotein 4-beta-N	13 2851042 2970543	0.006016	-1.67	0.760039	1.15	0.679770	-1.11
CLUAP1	clusterin-associated protein 1 isoform X1	20 3755029 3793367	0.006036	1.46	0.976357	-1.01	0.833176	-1.04
DCUN1D1	DCN1-like protein 1 isoform X3	2 87584788 87620415	0.006036	-1.51	0.224218	1.39	0.583858	1.12
LOC102131829	trafficking protein particle complex subun	1 133983215 133983778	0.006042	3.61	0.628119	-1.59	0.623602	-1.35
ATG4C	cysteine protease ATG4C isoform X1	1 164502775 164602432	0.006042	-1.49	0.329284	1.31	0.246756	1.24
AGK	acylglycerol kinase, mitochondrial isoform	3 174608073 174705522	0.006042	-1.59	0.339717	-1.36	0.031104	-1.51
ASIP	agouti-signaling protein	10 65664826 65681219	0.006061	2.62	0.000974	5.77	0.211854	-1.73
CATIP	ciliogenesis-associated TTC17-interacting	12 108007898 108021711	0.006065	4.14	0.809413	1.43	0.161653	-2.58
ARHGEF18	rho guanine nucleotide exchange factor 18	19 7630552 7783209	0.006096	1.74	0.493075	1.32	0.906633	-1.04
MRPS36	28S ribosomal protein S36, mitochondria	6 69036017 69048340	0.006096	-1.24	0.741002	1.06	0.922154	-1.01
DCTN6	dynactin subunit 6 isoform X2	8 30713052 30741744	0.006108	-1.24	0.207748	1.20	0.900691	1.02
CIH1orf228	uncharacterized protein C1orf228 homolo	1 182814844 182849029	0.006154	2.95	0.578551	1.55	0.517925	-1.39
KIF1A	kinesin-like protein KIF1A isoform X13	12 130646663 130734145	0.006154	2.13	0.362561	1.60	0.279311	1.45
HAS3	hyaluronan synthase 3	20 57392610 57399087	0.006154	1.67	0.546203	-1.26	0.915396	1.03
TIGIT	T-cell immunoreceptor with Ig and ITIM	2 157957021 157969586	0.006170	2.11	0.137359	-1.99	0.859395	-1.07
HK3	hexokinase-3	6 176666792 176681514	0.006170	-2.11	0.761647	-1.22	0.737723	-1.14
LOC102121891	histone H2B type 1-F/J/L-like	4 144325155 144325535	0.006197	-2.75	0.779716	-1.27	0.494070	1.39
ACPI	low molecular weight phosphotyrosine pr	13 110932482 110946932	0.006234	-1.29	0.944153	1.02	0.709882	1.05
TECPR1	tectonin beta-propeller repeat-containing p	3 42419244 42453737	0.006234	1.38	0.027592	-1.51	0.791927	-1.05
LOC102144925	0 131 3218	0 131 3218	0.006239	-1.74	0.075557	-1.79	0.368655	1.29
LOC102131772	LOW QUALITY PROTEIN: L-lactate de	12 38487739 38488826	0.006239	-2.15	0.974839	1.03	0.474043	1.30
DPY19L3	probable C-mannosyltransferase DPY19L	19 32741182 32816496	0.006258	-1.36	0.416588	1.19	0.137298	1.22
NAE1	NEDD8-activating enzyme E1 regulatory	20 54941860 54971520	0.006258	-1.41	0.816784	1.08	0.268000	1.19
GLOD4	glyoxalase domain-containing protein 4 is	16 572465 592133	0.006258	-1.45	0.736979	-1.11	0.631186	-1.09
CMAS	N-acylneuraminatase cytidylyltransferase	11 22742644 22761149	0.006258	-1.43	0.761411	1.10	0.462360	1.14
ICT1	peptidyl-tRNA hydrolase ICT1, mitochon	16 72258490 72269934	0.006263	-1.23	0.003432	-1.39	0.686273	1.04
TMEM52	transmembrane protein S2 isoform X1	1 226503774 226505135	0.006329	3.15	0.963658	-1.06	0.909238	-1.07
SPIDR	DNA repair-scaffolding protein isoform X	8 48230517 48557635	0.006387	-1.66	0.057868	-1.78	0.492094	1.18
NANOS1	nanos homolog 1	9 118240412 118247164	0.006409	-2.10	0.399171	1.54	0.722467	1.14
RAB27B	ras-related protein Rab-27B	18 25678537 25691110	0.006469	1.86	0.038089	2.12	0.439883	1.25
ARL6IP6	ADP-ribosylation factor-like protein 6-int	12 41466185 41508048	0.006469	-1.32	0.346545	1.20	0.845229	1.03
CALM2	uncharacterized protein LOC101865168	13 63214827 63229392	0.006469	-1.36	0.511316	1.16	0.810939	1.04
GMNN	geminin	4 145787150 145795667	0.006469	-1.45	0.190049	-1.37	0.553204	1.12
DNASE2B	deoxyribonuclease-2-beta isoform X2	1 142841951 142858344	0.006473	1.84	0.028401	2.16	0.221893	-1.41
NOTCH1	neurogenic locus notch homolog protein 1	15 1795344 1846965	0.006473	1.40	0.600038	1.15	0.221250	1.21
NBR1	next to BRCA1 gene 1 protein isoform X	16 54933909 54967276	0.006473	1.30	0.756266	-1.07	0.897257	1.02
TMCO1	uncharacterized protein LOC101926540	1 23800667 23840488	0.006502	-1.29	0.973217	-1.01	0.820660	1.03
LOC102146409	4 638696 657413	0.006550	-6.28	0.989138	1.03	0.325523	-2.19	
MRPS10	mitochondrial ribosomal protein S10	4 128395145 128409152	0.006557	-1.31	0.981651	-1.01	0.410944	1.11
TEX26	testis-expressed sequence 26 protein isofo	17 10519347 10561313	0.006623	-2.11	0.001222	4.57	0.462187	-1.31
LOC102139546	7 164705143 164707092	0.006637	-3.21	0.003216	-9.78	0.857310	-1.12	
PLEKH6	pleckstrin homology domain-containing f	1 62701987 62853130	0.006666	1.90	0.458135	1.42	0.903112	-1.05
CRAMP1	protein cramped-like isoform X1	20 1667569 1729719	0.006666	1.28	0.448966	-1.15	0.443425	-1.10
SMARCC2	SWI/SNF complex subunit SMARCC2 iso	11 55085689 55111640	0.006666	1.27	0.792076	-1.06	0.850281	1.03
DMBT1	deleted in malignant brain tumors 1 protei	9 121863878 121969707	0.006678	11.97	0.102010	15.40	0.115180	5.62
LOC102120222	11 131518390 131564248	0.006678	-2.94	0.716372	1.41	0.689996	-1.26	
LOC107128788	2 26290423 26306201	0.006678	-6.33	0.031991	16.42	0.460714	1.77	
LOC102129462	NACHT, LRR and PYD domains-contain	0 1959 7153	0.006678	2.59	0.588651	-1.62	0.678032	1.26
BLOC1S2	biogenesis of lysosome-related organelles	9 99186087 99195121	0.006680	-1.30	0.947258	-1.02	0.823012	-1.03
LOC102133947	Ig heavy chain V-II region COR-like	0 54423 54964	0.006697	3.32	0.936995	-1.10	0.001418	3.37
TEK12	tektin-2 isoform X1	1 191775919 191779018	0.006697	2.22	0.967726	1.04	0.001404	-2.83
LOC102121133	uncharacterized protein LOC102121133	4 144060494 144115506	0.006697	1.55	0.970871	1.02	0.684166	1.10
BTG3	protein BTG3	3 29666724 29682111	0.006709	-1.35	0.311814	-1.23	0.278495	-1.16
BCL9	B-cell CLL/lymphoma 9 protein isoform 1	1 103447640 103460730	0.006760	1.21	0.360675	-1.13	0.014623	1.21
ELFN2	protein phosphatase 1 regulatory subunit 2	10 13896718 13899180	0.006810	2.45	0.416165	-1.72	0.387130	-1.44
MCC	colorectal mutant cancer protein isoform X	6 111787653 112265775	0.006840	1.72	0.273590	1.51	0.309049	1.30
RUBCN	run domain Beclin-1 interacting and cyste	6 135160668 135197435	0.006840	1.17	0.444522	-1.09	0.117250	-1.12
FAM200B	protein FAM200B isoform X2	5 14777937 14786805	0.006855	-1.48	0.919108	-1.04	0.455467	1.15
LOC102124737	putative V-set and immunoglobulin doma	0 510131 511242	0.006907	2.89	0.900496	1.14	0.563120	1.35
ACACA	acetyl-CoA carboxylase 1 isoform X4	16 48519901 48848382	0.006907	1.43	0.187260	-1.37	0.512225	-1.12
MFS8	major facilitator superfamily domain-cont	5 126862389 126915615	0.006907	-1.45	0.741584	1.11	0.726581	-1.07
CD40LG	CD40 ligand	X 133428387 133439513	0.006957	1.78	0.337563	-1.46	0.000092	2.16
LOC107129729	5 60312303 60317949	0.006957	-1.55	0.258493	1.41	0.180751	-1.31	
F10	coagulation factor X	17 95616155 95644246	0.006986	2.78	0.439886	1.79	0.458372	1.46
JADE2	protein Jade-2 isoform X2	6 133580936 133633277	0.006986	1.23	0.107372	1.23	0.375426	1.09
SLC38A6	probable sodium-coupled neutral amino a	7 125299789 125355072	0.006986	-2.09	0.919974	1.08	0.863779	1.07
CBX3	chromobox protein homolog 3 isoform X	3 94565321 94574402	0.007024	-1.45	0.533741	1.19	0.455484	1.14
CLSTN2	calyntenin-2 isoform X1	2 42082368 42719330	0.007033	2.85	0.473787	1.75	0.821796	-1.14
GJB4	gap junction beta-4 protein	1 193164184 193164984	0.007033	-3.01	0.753713	-1.36	0.637212	-1.29
LKAAEAR1	LOW QUALITY PROTEIN: protein LKA	10 96304835 96305817	0.007065	7.99	0.697829	2.05	0.925059	-1.12
LOC107128595	4 27118 33791	0.007124	-2.28	0.545603	-1.48	0.905989	1.06	
MERTK	tyrosine-protein kinase Mer	13 16074960 16208151	0.007132	-1.85	0.732975	1.20	0.442221	1.26
LOC102140310	7 170036440 170067295	0.007282	-2.33	0.778436	-1.25	0.301520	-1.54	
FAM169A	soluble lamin-associated protein of 75 kD	6 72997482 73056344	0.007284	-3.05	0.312996	2.45	0.403142	1.56
ABL2	Abelson tyrosine-protein kinase 2 isoform	1 37047943 37169722	0.007326	-1.27	0.615291	1.10	0.005290	-1.30
KLHL23	kelch-like protein 23	12 58614219 58629142	0.007326	-1.65	0.167735	1.57	0.213336	1.34
CHRD1L	chordin-like protein 1 isoform X2	X 107754349 107869782	0.007365	1.58	0.076022	1.65	0.563302	1.14
MFSD10	major facilitator superfamily domain-cont	5 3015887 3019902	0.007365	1.31	0.052284	-1.38	0.673016	-1.06
USP46	ubiquitin carboxyl-terminal hydrolase 46	5 81856431 81923998	0.007379	-1.34	0.682007	-1.11	0.070562	1.26

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
TTC39B	tetrapeptide repeat protein 39B isoform	15 63464040 63605414	0.007400	-1.53	0.205168	1.43	0.251850	1.26
LOC102118943		10 87440941 87463255	0.007400	-2.85	0.312314	2.10	0.648591	-1.28
USMG5	up-regulated during skeletal muscle growth	9 102450056 102450319	0.007409	-1.29	0.740921	-1.08	0.931069	-1.01
LOC102127938	mitochondrial inner membrane protein OX	7 86447953 86453759	0.007455	1.20	0.264616	-1.15	0.969193	1.00
TUBB2A	tubulin beta-2A chain	4 167929220 167934404	0.007498	-1.65	0.884951	1.08	0.251876	-1.31
KLHL28	uncharacterized protein LOC101866978	7 109180074 109296489	0.007498	-1.67	0.190971	1.57	0.249085	1.32
TAGAP	T-cell activation Rho GTPase-activating p	4 11759924 11768684	0.007561	1.57	0.652354	1.18	0.356582	1.22
HYDIN	hydrocephalus-inducing protein homolog	20 61430556 61819472	0.007569	4.79	0.932102	1.16	0.281197	-2.26
LOC102172816		16 42732789 42752414	0.007569	2.07	0.058741	-2.04	0.004606	-2.25
CDC47L	cell division cycle-associated 7-like protei	3 98789061 98832582	0.007569	1.35	0.156866	-1.31	0.699682	-1.06
SPATA5L1	spermatogenesis-associated protein 5-like	7 22309289 22327874	0.007569	-1.34	0.817301	1.07	0.657041	1.07
RFK	riboflavin kinase isoform X2	15 87170302 87176690	0.007569	-2.01	0.369856	1.57	0.882399	1.06
FEM1C	protein fem-1 homolog C	6 114360776 114379465	0.007631	-1.66	0.326725	1.42	0.094298	1.46
CAPN13	calpain-13 isoform X1	13 79942356 79999092	0.007635	8.78	0.831014	-1.56	0.806828	-1.35
SERPIN2	plasminogen activator inhibitor 2	18 16446288 16458989	0.007653	-3.19	0.000562	8.93	0.058093	-2.58
SLC2A9	solute carrier family 2, facilitated glucose	5 8962754 8992127	0.007661	1.91	0.788238	-1.17	0.031492	1.81
CERKL	ceramide kinase-like protein isoform X1	12 70509578 70639412	0.007722	3.49	0.911867	-1.18	0.969454	1.03
ABHD3	phospholipase ABHD3 isoform X3	18 60622251 60672362	0.007722	-1.33	0.851741	1.05	0.832835	-1.03
TFPI	trefoil factor 1	3 4402693 4406969	0.007730	-3.37	0.037576	-4.09	0.362408	-1.77
SLC16A11	LOW QUALITY PROTEIN: monocarbox	16 7070169 7072077	0.007734	4.26	0.474399	-2.17	0.010736	-4.40
LSM1	U6 snRNA-associated Sm-like protein LS	8 38975334 38988599	0.007760	-1.19	0.842269	1.04	0.137694	-1.13
TSPAN13	tetraspanin-13	3 103951299 103981065	0.007780	-1.69	0.286745	1.48	0.980663	-1.01
SNRNP200	U5 small nuclear ribonucleoprotein 200 k	13 1088803 1118600	0.007870	1.32	0.909986	-1.03	0.699682	1.06
LOC102131789	cytochrome P450 26B1 isoform X1	13 37763418 37778985	0.007870	2.97	0.701682	1.43	0.420083	-1.55
ZNF518A	zinc finger protein 518A	9 94855916 94860361	0.007870	-1.50	0.256208	1.37	0.712788	1.08
FBR3	probable fibrosin-1	20 29282856 29293428	0.007892	1.18	0.425170	-1.11	0.951616	-1.01
EFCAB12	EF-hand calcium-binding domain-contain	11 87737803 87764907	0.007953	2.59	0.630243	1.47	0.554936	-1.34
IP6K1	inositol hexakisphosphate kinase 1	2 104954578 104979706	0.007953	1.17	0.520720	-1.08	0.602332	-1.04
GMFB	glia maturation factor beta isoform X3	7 118687329 118698445	0.007969	-2.20	0.130038	2.17	0.418211	1.37
LOC102145105	inaD-like protein isoform X2	1 165520620 165625661	0.008015	1.82	0.785607	-1.16	0.844368	1.07
LOC102130761	mucin-16-like	0 516 1749	0.008052	11.84	1.000000	1.87	0.234346	-3.26
VWA5A	von Willebrand factor A domain-containi	14 119965225 119989516	0.008063	1.33	0.086271	-1.36	0.605549	1.08
KATNAL1	katanin p60 ATPase-containing subunit A	17 9805302 9874892	0.008063	-1.38	0.081238	1.42	0.986724	1.00
SERPING1	plasma protease C1 inhibitor	14 16001381 16017859	0.008077	1.57	0.859712	1.08	0.814219	1.06
ALG2	alpha-1,3/1,6-mannosyltransferase ALG2	15 38545402 38549359	0.008119	-1.40	0.787544	1.09	0.941476	1.02
ZFAND6	ANI-type zinc finger protein 6 isoform X	7 58584002 58601364	0.008132	-1.48	0.406989	1.27	0.615134	1.11
LOC102130541	rho guanine nucleotide exchange factor 10	8 1790418 1801723	0.008157	1.72	0.162030	1.67	0.453589	1.23
KCNQ1	potassium voltage-gated channel subfamil	14 2387924 2808478	0.008179	1.50	0.020486	1.73	0.018328	-1.49
GRAP2	GRB2-related adapter protein 2 isoform X	10 11189882 11233010	0.008188	1.61	0.579343	-1.23	0.118738	1.39
TAF1	transcription initiation factor TFIID subun	X 68372877 68470318	0.008230	1.25	0.635262	1.09	0.305326	1.12
TMPRSS4	transmembrane protease serine 4	14 114074480 114094549	0.008260	4.62	0.884096	1.27	0.001790	-7.20
GPC3	glypican-3 isoform X1	X 130459368 130919014	0.008288	1.74	0.133450	1.72	0.520841	1.20
CFAP77	uncharacterized protein C9orf171 homolo	15 6243548 6320532	0.008293	3.38	0.676324	1.57	0.483679	-1.55
NUMA1	nuclear mitotic apparatus protein 1 isoform	14 67132982 67166983	0.008442	1.35	0.557811	-1.15	0.991297	-1.00
MXRA8	matrix-remodeling-associated protein 8 iso	1 227061485 227066696	0.008442	1.33	0.000576	-1.68	0.734399	1.05
KCTD2	BTB/POZ domain-containing protein KC	16 72298071 72315705	0.008465	1.38	0.798192	1.08	0.137694	-1.25
CHCHD1	uncharacterized protein LOC101926265	9 61839113 61840211	0.008465	-1.30	0.331237	-1.20	0.583146	-1.08
TP53BP1	tumor suppressor p53-binding protein 1 is	7 20363985 20475915	0.008521	1.20	0.907073	-1.02	0.629393	-1.05
CD163L1	scavenger receptor cysteine-rich type 1 pr	11 7775915 7855675	0.008537	-2.41	0.590328	-1.46	0.667589	1.22
WDR19	WD repeat-containing protein 19 isoform	5 38809347 38895921	0.008572	1.34	0.271539	-1.26	0.649142	-1.07
UBE2A	ubiquitin-conjugating enzyme E2 A isoform	X 116279989 116289212	0.008572	-1.27	0.586876	1.11	0.559233	1.07
LOC102136916		1 174191208 174195849	0.008572	-4.40	0.710945	-1.59	0.250446	-2.34
CYFIP2	cytoplasmic FMR1-interacting protein 2 is	6 156680169 156791984	0.008581	1.40	0.090823	-1.43	0.658264	1.08
LOC102122037	Golgi integral membrane protein 4-like	0 38927 82629	0.008622	-1.83	0.489111	1.37	0.506967	1.22
MYH10	myosin-10 isoform X3	16 8601884 8754032	0.008624	1.82	0.363008	1.48	0.987662	1.01
LOC102140021		14 32362359 32379339	0.008675	-3.17	0.582956	-1.66	0.723541	1.24
LOC102135287	pregnancy-specific beta-1-glycoprotein 2-	19 43995965 44012346	0.008682	-28.83	0.071489	44.27	0.350078	3.98
LOC107128352		20 18420225 18424890	0.008709	3.29	0.000461	-81.05	0.016897	-3.53
SLC25A46	solute carrier family 25 member 46 isoform	6 109462255 109488877	0.008709	-1.90	0.180264	1.78	0.304659	1.37
KACNA2D1	voltage-dependent calcium channel subun	3 129653590 130153404	0.008723	-1.71	0.204682	1.59	0.660406	1.13
KCNIP4	Kv channel-interacting protein 4	5 19890131 21123672	0.008723	-5.48	0.030336	9.31	0.689178	-1.43
SLC2A5	solute carrier family 2, facilitated glucose	1 219201326 219239790	0.008725	-2.94	0.906731	-1.15	0.844389	1.13
LOC102129412	LIM domain-containing protein 1	2 100670289 100683798	0.008802	-1.23	0.724475	-1.07	0.911372	-1.01
ALOX15	arachidonate 15-lipoxygenase	16 4673979 4684465	0.008804	6.71	0.186690	5.39	0.484567	-1.94
PPP3CB	serine/threonine-protein phosphatase 2B c	9 62055616 62100171	0.008804	-1.35	0.163281	1.32	0.584277	1.09
PCMT1	protein-L-isopartate(D-aspartate) O-met	4 55714896 55775023	0.008804	-1.37	0.440071	1.20	0.842485	-1.04
CPEB2	cytoplasmic polyadenylation element-bind	5 14101447 14163733	0.008804	-1.69	0.747864	1.16	0.284517	1.31
DPCR1	diffuse panbronchiolitis critical region pro	4 140017832 140028291	0.008804	-4.90	0.540722	-2.23	0.717485	-1.40
CFAP157	uncharacterized protein C9orf117 homolo	15 101058390 101065314	0.008807	6.76	0.978777	-1.07	0.291697	-2.72
SALL2	sal-like protein 2 isoform X1	7 85097600 85114414	0.008807	1.54	0.453986	-1.27	0.960113	-1.10
SUMO1	small ubiquitin-related modifier 1 isoform	12 91651106 91685230	0.008807	-1.27	0.337401	1.18	0.979518	-1.00
LOC102126287		14 383171 385973	0.008807	-3.45	0.954772	1.09	0.288513	1.88
APLN	apelin	X 126523750 126529751	0.008856	2.25	0.134806	2.21	0.697643	1.18
AFMID	kynurenine formamidase	16 75565571 75582000	0.008856	1.83	0.339562	1.52	0.701902	-1.13
TAF1D	TATA box-binding protein-associated fac	14 89613800 89616927	0.008856	-1.73	0.613561	1.25	0.864170	-1.06
PODN	podocan	1 174352398 174372510	0.008859	1.89	0.233206	1.69	0.989703	1.01
RNF146	E3 ubiquitin-protein ligase RNF146 isofo	4 31381456 31388783	0.008859	-1.28	0.653806	1.10	0.248947	1.15
SNRNP2	U2 small nuclear ribonucleoprotein B"	10 45525840 45535057	0.008871	-1.25	0.856639	1.04	0.633388	1.06
FAM174A	membrane protein FAM174A	6 99042659 99085984	0.008871	-1.43	0.063099	1.52	0.339303	1.18
CAPN9	calpain-9 isoform X1	1 18766179 18819979	0.008871	-3.08	0.802222	-1.30	0.906876	-2.29
CIH1orf64	uncharacterized protein C1orf64 homolog	1 212411602 212413911	0.008871	-4.20	0.154981	4.35	0.040315	3.45
XRCC6BP1	mitochondrial inner membrane protease A	11 56949785 56963692	0.008891	-1.52	0.856618	1.08	0.991390	1.00
PACS1	phosphofurin acidic cluster sorting protei	14 8255935 8308685	0.008920	1.28	0.103576	-1.30	0.678300	1.06
LGALS8	galactin-8 isoform X4	1 12938595 12958617	0.008920	1.18	0.397691	1.11	0.580083	-1.05
RC3H1	roquin-1 isoform X6	1 31879607 31936932	0.008939	-1.50	0.299528	1.35	0.938265	1.02
MURC	muscle-related coiled-coil protein	15 37151658 37159916	0.008990	-1.92	0.468755	1.42	0.184407	-1.50
LOC102132661	inaD-like protein isoform X2	1 96411 151395	0.009018	1.64	0.813109	-1.12	0.894926	1.04

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
CA11	carbonic anhydrase-related protein 11 isoform X1	19 49471813 49480227	0.009047	1.66	0.917594	1.06	0.058401	-1.53
NMRK2	nicotinamide riboside kinase 2 isoform X1	19 3942059 3946151	0.009047	-5.01	0.908135	-1.16	0.089106	3.07
UBE2F	NEDD8-conjugating enzyme UBE2F isoform X1	12 127814759 127883944	0.009049	-1.21	0.248150	-1.17	0.193215	-1.13
C7H14orf142	uncharacterized protein C14orf142 homolog 1	7 158218741 158222098	0.009049	-1.29	0.669107	1.10	0.555037	1.08
ROBO2	roundabout homolog 2 isoform X9	2 190445386 191806671	0.009049	-2.00	0.814566	-1.16	0.492094	1.27
NDUFA5	NADH dehydrogenase [ubiquinone] 1 alpha subunit	3 156343402 156359868	0.009050	-1.42	0.061996	1.50	0.551381	1.11
STX3	syntaxin-3 isoform X5	14 14298535 14353390	0.009062	-1.56	0.051634	-1.70	0.528399	-1.15
LOC102121902	Ig lambda chain V-II region MGC-like	10 8332 9042	0.009089	6.84	0.995631	1.01	0.280431	-2.70
CHGB	secretogranin-1 isoform X3	10 56572663 56586141	0.009107	7.33	0.165285	-11.85	0.302006	-2.84
LOC107130720		8 146504423 146510835	0.009215	-3.73	0.573770	1.73	0.241042	-1.98
PCNP	PEST proteolytic signal-containing nuclear protein	2 170553248 170571224	0.009217	-1.54	0.111181	1.57	0.509872	1.16
BRD2	uncharacterized protein LOC101865351	4 137834826 137841694	0.009261	1.18	0.512911	-1.09	0.930758	1.01
TCEB1	transcription elongation factor B polypeptide 1	8 75119497 75131928	0.009289	-1.26	0.784782	1.06	0.605589	-1.07
CHIC2	cysteine-rich hydrophobic domain-containing protein 2	5 80432842 80481424	0.009289	-1.37	0.468676	1.19	0.946167	1.01
UBE2E1	ubiquitin-conjugating enzyme E2 E1 isoform X1	2 23541966 23671731	0.009289	-1.46	0.328141	1.30	0.521149	1.13
WDFY1	WD repeat and FYVE domain-containing protein 1	12 113651015 113719234	0.009310	-1.53	0.324287	1.35	0.115637	1.36
CCDC81	coiled-coil domain-containing protein 81	14 81946949 81994467	0.009417	4.63	0.995190	1.01	0.707769	-1.39
ABAT	4-aminobutyrate aminotransferase, mitochondrial	20 9040086 9088847	0.009417	1.57	0.875055	-1.08	0.580115	1.14
ZFX4	zinc finger homeobox protein 4 isoform X1	8 77867894 78031584	0.009430	-4.49	0.656415	1.77	0.914982	-1.10
MED12	mediator of RNA polymerase II transcription subunit 12	X 68118462 68141549	0.009544	1.22	0.557811	-1.10	0.834287	1.02
MYOC	myocilin	1 29616693 29632117	0.009550	3.83	0.636992	-1.69	0.471056	-1.65
KIAA0922	transmembrane protein 131-like isoform X1	5 152704838 152876523	0.009550	1.26	0.453770	1.14	0.628090	1.06
GBF1	Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1	9 101258403 101384812	0.009550	1.20	0.651759	-1.07	0.951126	1.01
NIPA1	magnesium transporter NIPA1 isoform X1	7 873922 891084	0.009550	-1.28	0.480212	1.14	0.530384	1.08
RECK	reversion-inducing cysteine-rich protein with Kazal motifs	15 42927143 43015537	0.009583	1.67	0.021931	2.03	0.439516	1.22
ASB2	ankyrin repeat and SOCS box protein 2 isoform X1	7 158965773 158997154	0.009583	1.64	0.954085	1.03	0.773588	-1.08
TXNDC15	thioredoxin domain-containing protein 15	6 133944409 133969096	0.009667	-1.25	0.439131	1.14	0.185636	1.15
SPHAR	protein SPHAR	1 20281437 20281664	0.009716	-3.96	0.140985	3.82	0.665168	1.37
LOC102126540		0 177592 242877	0.009738	10.62	0.283433	-4.73	0.581822	-1.73
PLXNA4	plexin-A4	3 164924371 165305280	0.009738	2.13	0.962660	1.05	0.848046	-1.09
SLC9B2	mitochondrial sodium/hydrogen exchanger 2	5 102368111 102405915	0.009738	-1.61	0.404759	-1.34	0.703160	-1.10
LOC107128640	Ig heavy chain V-III region 23-like	0 195344 195904	0.009794	4.77	0.683225	-1.58	0.845059	-1.15
TTC32	tetratricopeptide repeat protein 32	13 91105590 91110339	0.009794	-1.56	0.397328	1.32	0.681137	-1.10
LOC102138750	histone H1.2	4 144516119 144516760	0.009840	-1.66	0.520208	-1.29	0.533079	1.18
DRC3	leucine-rich repeat-containing protein 48 isoform X1	16 18306823 18353181	0.009852	4.37	0.631188	1.85	0.215695	-2.45
EFHC2	EF-hand domain-containing family member 2	X 42433905 42619468	0.009852	1.83	0.694214	-1.24	0.724838	1.13
CLCA1	calcium-activated chloride channel regulator 1	1 140797020 140830670	0.009866	17.29	0.624033	3.23	0.825602	1.44
TEF	thyrotroph embryonic factor isoform X3	10 9712379 9740771	0.009927	2.16	0.917974	1.09	0.623602	1.22
NOG	noggin	16 42073415 42074113	0.009935	-2.80	0.909992	1.14	0.453100	1.46
LOC102141792	uncharacterized protein LOC102141792 isoform X1	3 30658698 30820412	0.009938	-2.32	0.879651	1.14	0.847820	-1.10
TSN	translin isoform X2	12 10289493 10322100	0.009960	-1.31	0.922695	1.03	0.353176	1.13
MYO10	unconventional myosin-X isoform X2	6 17095606 17376588	0.010043	1.43	0.646108	-1.15	0.135974	1.28
FAM193A	protein FAM193A isoform X1	5 2629874 2784015	0.010058	1.21	0.873950	1.03	0.915854	-1.01
KRAS	GTPase KRas isoform X2	11 25857881 25895774	0.010058	-1.52	0.399171	1.30	0.467419	1.17
CCNC	cyclin-C isoform X1	4 74242291 74267221	0.010071	-1.58	0.557811	1.24	0.874898	1.04
RHOD	rho-related GTP-binding protein RhoD isoform X1	14 7422308 7438523	0.010112	-1.57	0.658921	-1.18	0.001798	-1.74
IFI6	uncharacterized protein LOC101925937 isoform X1	1 200556323 200559260	0.010112	-1.87	0.596444	1.31	0.566235	-1.21
ABHD12B	abhydrolase domain-containing protein 12B	7 115084031 115113829	0.010112	-3.57	0.795840	1.37	0.240661	-2.05
BARD1	BRC1-associated RING domain protein 1	12 104332224 104416360	0.010127	-1.53	0.912276	1.05	0.124602	1.37
SLIT3	slit homolog 3 protein	6 168241980 168851577	0.010129	1.90	0.806946	1.16	0.681411	-1.15
RBX1	ring-box 1, E3 ubiquitin protein ligase	10 10180584 10203512	0.010164	-1.27	0.866264	1.04	0.004902	-1.31
SMNDC1	survival of motor neuron-related-splicing factor 1	9 109478420 109487925	0.010171	-1.63	0.179139	1.56	0.492448	1.19
CTSL	cathepsin L1	15 98392771 98396608	0.010200	-3.89	0.550531	-1.92	0.834202	-1.18
LOC107126545	zinc finger protein 665	19 50943419 50944831	0.010226	2.02	0.529887	-1.43	0.887510	1.06
LOC102139381	Ig kappa chain V-II region Cum-like	13 17990439 17991278	0.010246	3.91	0.375557	2.39	0.486799	1.57
NDST2	bifunctional heparan sulfate N-deacetylase	9 61812301 61823996	0.010246	1.21	0.310621	-1.16	0.022976	1.21
FAM163B	protein FAM163B	15 5078612 5079795	0.010259	3.17	0.034674	5.33	0.613190	-1.39
ATP6V1G1	V-type proton ATPase subunit G 1	15 22978986 22988404	0.010265	-1.48	0.999136	1.00	0.806828	-1.06
DCHS2	protocadherin-23 isoform X1	5 153464153 153731637	0.010290	2.97	0.351605	2.13	0.413640	1.54
ACTR6	actin-related protein 6 isoform X3	11 103975454 103999442	0.010290	-1.66	0.298899	1.46	0.511909	1.19
BEST1	bestrophin-1 isoform X2	14 12250954 12265177	0.010290	-2.23	0.859712	-1.16	0.965308	-1.02
LOC101926212	uncharacterized protein LOC101926212 isoform X1	1 65727491 65765923	0.010348	3.50	0.668957	-1.58	0.000000	48.14
LOC102133490		9 94548617 94566692	0.010348	-3.27	0.814566	-1.36	0.291611	-1.76
NFE2	transcription factor NF-E2 45 kDa subunit	11 53206128 53209337	0.010368	2.47	0.016241	3.75	0.555399	-1.33
MCEE	methylmalonyl-CoA epimerase, mitochondrial	13 38790461 38806603	0.010390	-1.22	0.954110	-1.01	0.337435	-1.10
LOC102128651		9 96545167 96549512	0.010475	-1.36	0.652908	1.13	0.688003	-1.07
CBFA2T2	protein CBFA2T2 isoform X1	10 64936203 64981770	0.010530	1.31	0.788446	-1.07	0.668883	1.06
LOC102124328		5 51171430 51178180	0.010542	-3.65	0.006898	-9.82	0.995872	1.00
LOC102126915	tripartite motif-containing protein 60	5 164284854 164286266	0.010582	-15.02	1.000000	3.51	1.000000	3.74
LOC102132587	cytochrome c oxidase assembly protein COX6B	16 40433918 40471208	0.010618	-1.40	0.105452	1.43	0.923819	1.02
LOC102115582	choline transporter-like protein 2 isoform X1	19 10885636 10919054	0.010660	1.76	0.954800	1.04	0.505907	1.21
LOC102120751	leucine-rich repeat-containing protein 47-1	20 20968 21339	0.010660	1.69	0.921315	1.06	0.681690	1.12
CROCC	rotletin isoform X3	1 211542023 211593169	0.010660	1.52	0.770629	-1.12	0.851787	-1.05
TBX1	T-box transcription factor TBX1	10 31681660 31708532	0.010678	1.85	0.594690	-1.31	0.966399	-1.02
MAP3K4	mitogen-activated protein kinase kinase kinase 4	4 9840937 9967483	0.010688	1.28	0.732489	-1.08	0.951736	-1.01
TNFAIP8L1	tumor necrosis factor alpha-induced protein 8-like 1	19 4734876 4735436	0.010734	1.70	0.995631	-1.00	0.675303	-1.12
ZNF766	zinc finger protein 766 isoform X1	19 52989278 53002381	0.010747	1.17	0.649346	-1.06	0.595931	1.05
TSPAN9	tetraspanin-9 isoform X1	11 3401456 3481480	0.010823	1.40	0.590757	1.16	0.442221	1.14
FAM184A	protein FAM184A isoform X6	4 22939335 23065129	0.010859	2.08	0.668138	-1.31	0.085131	-1.78
BANK1	B-cell scaffold protein with ankyrin repeats	5 101095386 101411273	0.010859	1.74	0.357235	-1.47	0.542628	-1.19
LOC107128046		1 199245001 199251889	0.010861	2.51	0.132622	-2.89	0.446146	-1.44
CYSRT1	cysteine-rich tail protein 1	15 1051680 1052114	0.010861	-3.04	0.404952	2.02	0.122516	-2.23
RBM15	putative RNA-binding protein 15	1 116384378 116391293	0.010913	-1.48	0.894518	1.06	0.997204	1.00
TIRAP	toll/interleukin-1 receptor domain-containing adapter protein 1	14 122117349 122120104	0.010940	1.47	0.832133	-1.09	0.379748	1.19
VASH1	vasohibin-1 isoform X1	7 141495596 141511114	0.010940	1.35	0.235680	-1.28	0.781869	-1.05
YOD1	ubiquitin thioesterase OTU1	1 65627573 65629588	0.010940	-1.85	0.568053	1.33	0.569550	1.20
ZNF548	zinc finger protein 548 isoform X2	19 58047591 58058037	0.010945	1.80	0.992863	-1.01	0.372985	1.31

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
LOC101865759		14 11406210 11410436	0.010980	-1.58	0.320885	1.40	0.288667	-1.27
GIPR	gastric inhibitory polypeptide receptor	19 46485603 46501523	0.010997	2.82	0.701804	-1.44	0.924825	1.05
B4GALNT1	beta-1,4 N-acetylgalactosaminyltransferase	11 56611863 56617377	0.011003	1.62	0.754222	-1.15	0.130652	1.41
HNRNPDL	heterogeneous nuclear ribonucleoprotein L	5 52030461 52034144	0.011020	-1.34	0.175800	1.32	0.569720	1.09
LOC102119006		15 32935545 32945646	0.011067	-2.24	0.625736	1.39	0.705558	-1.18
PENK	proenkephalin-A isoform X1	8 57499856 57504589	0.011081	9.27	0.566440	-3.20	0.796194	-1.48
SHISA8	putative protein shisa-8	10 9158962 9163706	0.011081	6.29	0.644927	-2.13	0.570345	1.58
LOC102146902	T-cell receptor beta chain V region C5-like	3 17542477 17542538	0.011081	3.50	0.766102	-1.35	0.018397	3.11
CFAP58	cilia- and flagella-associated protein 58 isoform 1	9 103433986 103544542	0.011081	2.50	0.062620	3.14	0.141263	-1.92
TMEM94	uncharacterized protein KIAA0195 homolog	16 72766664 72795423	0.011081	1.29	0.315580	-1.21	0.728621	-1.05
SUPT5H	transcription elongation factor SPT5 isoform 1	19 39955960 39991645	0.011081	1.25	0.509813	-1.12	0.700692	1.05
LOC102115861	histone-lysine N-methyltransferase 2B	19 36171265 36188125	0.011081	1.19	0.538770	-1.09	0.870609	-1.02
DEGS1	sphingolipid delta(4)-desaturase DES1	1 82816765 82825957	0.011081	-1.30	0.230254	1.25	0.506092	1.09
LOC107127325	uncharacterized protein LOC107127325	1 7832574 7833635	0.011081	-1.45	0.681721	1.14	0.991297	1.00
VARS2	valine--tRNA ligase, mitochondrial isoform 4	4 140042895 140054977	0.011081	-1.96	0.521284	-1.41	0.855099	1.08
CAAP1	caspase activity and apoptosis inhibitor 1	15 51898884 51950284	0.011131	-1.62	0.174128	1.57	0.396819	1.23
LOC107127076	Ig kappa chain V-III region VG-like	13 19257987 19258509	0.011159	3.39	0.072251	2.94	0.131723	1.85
BRPF3	bromodomain and PHD finger-containing protein 3	4 134511232 134544703	0.011373	1.37	0.908403	1.04	0.778641	-1.05
CUTC	copper homeostasis protein cutC homolog	9 98614405 98636234	0.011373	-1.23	0.150351	1.23	0.582030	1.06
NXP3	neurexophilin-3	16 34956885 34959954	0.011475	1.85	0.628597	1.29	0.407622	1.30
SH3BP4	SH3 domain-binding protein 4	12 124848610 124867533	0.011520	1.44	0.878397	1.06	0.717485	1.08
LOC102125344		11 66613846 66635054	0.011549	-7.53	0.279617	3.75	0.859925	-1.17
DNAI2	dynein intermediate chain 2, axonemal	16 71506725 71543714	0.011569	2.86	0.747510	-1.38	0.561791	1.40
TMEM170B	transmembrane protein 170B	4 159275940 159311184	0.011575	-1.79	0.042192	2.11	0.232331	1.41
KIAA2012	uncharacterized protein KIAA2012 homolog	12 91505590 91648524	0.011589	3.79	0.552743	2.13	0.523406	-1.59
LOC107130914	protein very KIND-like	9 132634122 132657584	0.011603	8.27	1.000000	1.41	0.848046	-1.23
LRP2BP	LRP2-binding protein isoform X2	5 184755325 184765484	0.011603	1.66	0.928207	1.05	0.253916	-1.33
ICAM3	intercellular adhesion molecule 3	19 10611783 10621362	0.011603	1.53	0.539409	-1.24	0.052417	1.46
SERAC1	protein SERAC1 isoform X2	4 64527061 64575990	0.011603	-1.27	0.775061	1.07	0.998297	1.00
SRSF2	serine/arginine-rich splicing factor 2 isoform 1	16 74117285 74118284	0.011603	-1.34	0.633991	1.13	0.883132	1.03
ST6GALNAC4	ST6 (alpha-N-acetylneuraminyl-2,3-beta-D-galactosyl)transferase 4	15 100831193 100839810	0.011603	-1.35	0.029023	-1.50	0.233914	-1.19
SNAPC3	snRNA-activating protein complex subunit 3	15 63268278 63315020	0.011607	-1.30	0.887333	-1.04	0.532488	1.09
METTL7B	methyltransferase-like protein 7B	11 54576100 54578355	0.011607	-1.67	0.211340	-1.55	0.905144	-1.04
DDX52	probable ATP-dependent RNA helicase DDX52	16 49060931 49092017	0.011638	-1.32	0.871866	-1.05	0.170525	1.20
ATN1	atrophin-1 isoform X1	11 7243292 7251152	0.011657	1.26	0.779127	-1.06	0.741790	-1.04
DONSON	protein downstream neighbor of Son	3 13173151 13183100	0.011672	-1.39	0.909241	1.04	0.585283	-1.10
PPM1F	protein phosphatase 1F	10 29782839 29806649	0.011680	1.30	0.095207	1.34	0.618523	1.07
GON4L	GON-4-like protein isoform X1	1 95931441 96032290	0.011680	1.20	0.959075	-1.01	0.997677	1.00
LOC102125757	olfactory receptor 140-like	14 17330568 17357840	0.011680	-8.08	0.129800	18.33	0.000244	-30.65
CCDC9	coiled-coil domain-containing protein 9 isoform 1	19 48058834 48072663	0.011714	1.27	0.948058	-1.02	0.381375	-1.11
LIN7C	protein lin-7 homolog C	14 39987300 39995212	0.011714	-1.74	0.053753	1.97	0.596078	1.17
PAX9	paired box protein Pax-9	7 100624158 100638524	0.011745	5.67	0.560816	-2.42	0.643912	1.59
SAMD4B	protein Smad4 homolog 2 isoform X1	19 39861252 39894825	0.011745	1.25	0.846266	-1.05	0.755566	-1.04
DMGDH	dimethylglycine dehydrogenase, mitochondrial	6 77290007 77360256	0.011768	2.37	0.719964	1.32	0.976496	1.02
KIAA1217	sickle tail protein homolog	9 24566806 25059884	0.011768	1.49	0.790546	-1.11	0.906068	-1.03
SGMS2	phosphatidylcholine:ceramide cholinephosphotransferase 2	5 107283412 107297435	0.011775	-1.79	0.133441	1.81	0.418257	-1.27
FAM3D	protein FAM3D isoform X2	2 114012355 114034519	0.011781	6.10	0.201736	5.69	0.439936	-2.07
RBM26	RNA-binding protein 26 isoform X14	17 61861610 61953053	0.011782	-1.41	0.466139	1.22	0.361389	1.17
LOC107129867		5 183742458 183753925	0.011802	-1.67	0.033765	-2.00	0.250701	-1.34
LOC102136915	Ig heavy chain V-III region 23-like isoform 1	7 171609206 171609779	0.011816	2.75	0.902110	1.15	0.514603	1.41
ADARB2	double-stranded RNA-specific adenosine deaminase 2	9 1378114 1915644	0.011819	3.97	0.116618	4.38	0.233882	2.96
EIF5A2	eukaryotic translation initiation factor 5A-2	2 75088010 75102801	0.011900	-1.90	0.324253	1.61	0.447304	1.29
LOC107130427		7 122542979 122551040	0.011912	2.20	0.663338	-1.34	0.191438	1.65
PCSK6	proprotein convertase subtilisin/kexin type 6	7 82274341 82425232	0.011917	1.74	0.588688	1.29	0.816647	-1.08
LOC101865543		1 140412860 140463261	0.011927	-1.43	0.241653	1.35	0.731933	1.07
LOC107130355	T-cell receptor alpha chain V region HPB	7 85789399 85790091	0.011929	-2.03	0.811909	-1.18	0.347719	1.39
PIFO	protein pitchfork isoform X1	1 115422614 115440325	0.011998	1.95	0.269302	-1.71	0.213963	-1.51
SS18L1	calcium-responsive transactivator isoform 1	10 94126893 94150817	0.011998	-1.43	0.795294	-1.10	0.317837	-1.20
VCPKM7	protein-lysine methyltransferase METTL2	7 114320045 114327217	0.011998	-1.68	0.150662	1.68	0.889881	1.05
ZNF609	zinc finger protein 609 isoform X1	7 41946508 42147678	0.012037	1.27	0.929174	-1.02	0.857760	1.03
ZNF367	zinc finger protein 367	15 110536718 110564853	0.012040	-1.93	0.633694	1.30	0.439091	1.30
SMIM12	small integral membrane protein 12	1 193069163 193069441	0.012053	-1.23	0.865661	-1.04	0.101594	-1.17
LOC102119992	Ig lambda chain V-II region BUR-like	10 7681 8387	0.012058	3.25	0.385622	2.14	0.805761	1.18
CEACAM8	carcinoembryonic antigen-related cell adhesion molecule 8	19 43122585 43134304	0.012058	2.59	0.529535	1.64	0.509872	1.41
RNF44	RING finger protein 44 isoform X1	6 176296222 176299424	0.012058	1.27	0.509050	-1.14	0.518414	1.09
RAC1	uncharacterized LOC101866593	3 41695514 41715044	0.012058	-1.12	0.474258	1.07	0.063664	-1.10
SNRNP27	U4/U6.U5 small nuclear ribonucleoprotein 27	13 40039800 40049443	0.012058	-1.24	0.271883	1.19	0.671697	1.05
TRMT13	tRNA:m(4)X modification enzyme TRMT13	1 126697021 126712608	0.012058	-1.62	0.691084	1.19	0.416031	1.23
TMEM167A	protein kish-A	6 81325502 81347481	0.012058	-1.64	0.345872	1.42	0.583858	1.16
TMED5	transmembrane emp24 domain-containing protein 5	1 133779620 133780737	0.012058	-2.00	0.192053	1.89	0.654744	1.18
SKIL	ski-like protein isoform X1	2 74584870 74615802	0.012058	-2.05	0.110948	2.15	0.584625	1.23
GPC5	glypican-5 isoform X1	17 74072974 75496498	0.012080	-2.12	0.163868	-2.03	0.438689	1.34
SLCO1A2	solute carrier organic anion transporter family 1 member 2	11 21980957 22042530	0.012135	5.94	0.469689	3.58	0.864170	-1.21
RFC3	uncharacterized protein LOC101865965	17 13364238 13382454	0.012192	-1.56	0.861085	1.09	0.606913	1.13
CCDC82	coiled-coil domain-containing protein 82	14 92230395 92254750	0.012227	-1.51	0.874985	1.07	0.217201	1.29
B3GNT2	N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase II	13 47815355 47816548	0.012354	-1.54	0.199566	1.48	0.111444	1.39
RAP2C	ras-related protein Rap-2c isoform X1	X 129108348 129111466	0.012361	-2.06	0.289491	1.76	0.646875	1.20
RHEB	GTP-binding protein Rheb	3 184173468 184225807	0.012409	-1.29	0.779716	1.07	0.715813	1.05
BRMS1L	breast cancer metastasis-suppressor 1-like protein 1	7 99781732 99831495	0.012563	-1.52	0.324204	1.36	0.695135	1.10
AGAP1	arf-GAP with GTPase, ANK repeat and PDZ domain	12 125320784 125970039	0.012581	1.32	0.762494	1.08	0.959944	1.01
DAXX	death domain-associated protein 6 isoform 1	4 137462006 137466161	0.012581	1.19	0.407480	-1.12	0.712788	-1.04
LOC102119102		5 8722 14508	0.012670	-1.66	0.608270	1.24	0.481898	-1.21
PPP2R1B	serine/threonine-protein phosphatase 2A regulatory subunit 1B	14 107690515 107740182	0.012720	-1.30	0.343862	1.21	0.896210	1.02
CIB3	calcium and integrin-binding family member 3	19 16411961 16420475	0.012791	10.34	0.917294	1.40	0.674607	-1.85
TMEM70	transmembrane protein 70, mitochondrial	8 75149886 75155216	0.012791	-1.48	0.957725	-1.03	0.303419	1.23
LOC102143631	leukocyte immunoglobulin-like receptor 5	19 55499209 55515064	0.012841	-2.13	0.958714	-1.05	0.926624	-1.04
MOK	MAPK/MAK/MRK overlapping kinase isoform 1	7 167450928 167527198	0.012881	1.48	0.447555	1.25	0.557783	-1.13

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
C3	complement C3	19 6869966 6920218	0.012888	1.88	0.416165	1.49	0.735404	-1.13
C1H8orf59	uncharacterized protein LOC101925831	1 82264092 82264394	0.012888	-1.29	0.851892	-1.05	0.881222	1.02
NDUFA4	uncharacterized protein LOC101926042	4 76926371 76933006	0.012888	-1.49	0.407480	1.29	0.814366	1.06
MEGF6	multiple epidermal growth factor-like domain	1 224870641 224992546	0.012901	1.64	0.581528	-1.26	0.190998	1.37
ST6GALNAC2	alpha-N-acetylgalactosaminide alpha-2,6-galactosyltransferase 2	16 73949051 73968781	0.012932	2.15	0.394750	-1.72	0.398829	-1.42
LOC102145470	uncharacterized protein LOC102145470	8 96312855 96360609	0.012932	-1.82	0.575340	-1.31	0.013960	-1.86
ARHGAP10	rho GTPase-activating protein 10 isoform 1	5 146908796 147253345	0.012997	-1.29	0.884951	-1.04	0.142309	-1.20
SMARCD1	SWI/SNF-related matrix-associated actin-dependent nuclear corepressor 1	11 48943222 48957040	0.013105	1.20	0.966374	1.01	0.305610	1.10
CLOCK	circadian locomotor output cycles protein	5 78998365 79046534	0.013105	-1.40	0.059608	1.52	0.569612	1.11
LOC102138476	ovostatin homolog 2-like	11 9858989 9906273	0.013105	7.90	0.600387	3.14	0.169107	4.57
MAPK8IP1	C-Jun-amino-terminal kinase-interacting protein 1	14 21698062 21706977	0.013154	1.44	0.938287	1.03	0.548572	-1.12
EEF1E1	eukaryotic translation elongation factor 1 epsilon	4 162841648 162864358	0.013154	-1.42	0.557014	1.19	0.733130	1.07
ADORA2B	adenosine receptor A2b	16 16904333 16933701	0.013154	-1.83	1.000000	-1.00	0.557288	-1.21
HSPA14	heat shock 70 kDa protein 14	9 15358388 15390610	0.013174	-1.30	0.782746	1.07	0.500001	1.10
LRRN4CL	LRRN4 C-terminal-like protein	14 11580205 11580921	0.013220	2.90	0.557614	1.69	0.650395	-1.29
BCORL1	BCL-6 corepressor-like protein 1 isoform 1	X 126875244 126927215	0.013220	1.39	0.975344	1.01	0.741699	1.06
GSAP	gamma-secretase-activating protein isoform 1	3 134861631 134972482	0.013220	-1.42	0.560019	-1.19	0.393101	-1.17
LOC102119426	mannose-binding protein A-like	9 55987862 55990875	0.013228	-2.55	0.996470	1.00	0.684414	-1.24
LOC102123205	uncharacterized protein LOC102123205	16 73491465 73503369	0.013269	3.76	0.777477	-1.48	0.320969	-1.97
BTG2	protein BTG2	1 61776947 61778712	0.013269	1.32	0.855754	-1.05	0.082351	-1.25
PKP4	plakophilin 4	12 47213244 47441080	0.013292	1.35	0.109547	1.39	0.992051	1.00
LOC102138752	uncharacterized protein CXorf21	X 78329193 78330098	0.013292	-2.67	0.559345	1.65	0.471757	1.48
MICU3	calcium uptake protein 3, mitochondrial isoform 1	8 17014296 17104749	0.013297	-1.69	0.332591	1.48	0.246756	1.36
LOC107130822	uncharacterized protein LOC107130822	9 46904738 46907924	0.013351	18.93	1.000000	-5.79	0.199640	-7.09
LRRC56	leucine-rich repeat-containing protein 56 isoform 1	14 359020 370906	0.013351	1.53	0.888987	-1.07	0.173848	-1.34
KCTD7	BTB/POZ domain-containing protein KCTD7	3 55665185 55684728	0.013351	1.44	0.968876	-1.02	0.995800	-1.00
RNF167	E3 ubiquitin-protein ligase RNF167 isoform 1	16 5018687 5022730	0.013351	1.26	0.536254	-1.12	0.508805	-1.08
FAM49A	protein FAM49A	13 94369743 94404378	0.013351	1.24	0.597149	1.10	0.226002	1.14
TRIM44	tripartite motif-containing protein 44 isoform 1	14 31558093 31765148	0.013351	1.18	0.939276	1.01	0.129051	1.13
TARDBP	TAR DNA-binding protein 43	1 217115901 217127571	0.013351	-1.14	0.202262	1.13	0.629475	1.04
RIOK1	uncharacterized protein LOC101925429	4 163546121 163574461	0.013351	-1.19	0.296776	1.15	0.033381	-1.18
INTS2	integrator complex subunit 2 isoform X1	16 45888415 45953085	0.013351	-1.36	0.285892	1.28	0.239377	1.20
SNX3	sorting nexin-3 isoform X2	4 12137236 12186193	0.013351	-1.38	0.492464	1.19	0.795293	1.05
TADA1	transcriptional adapter 1	1 24811331 24829759	0.013351	-1.40	0.613947	1.16	0.093960	1.31
ARL5A	ADP-ribosylation factor-like protein 5A	12 40530617 40555857	0.013351	-1.53	0.180865	1.49	0.869070	1.04
HECTD2	probable E3 ubiquitin-protein ligase HECT domain-containing protein 2	9 89941607 90033304	0.013351	-1.71	0.779787	1.15	0.853324	1.06
TARM1	LOW QUALITY PROTEIN: T-cell-interacting protein 1	19 54917835 54932826	0.013365	5.36	0.956172	1.13	0.971841	1.04
C1H1orf52	UPF0690 protein C1orf52 homolog	1 141988954 141995678	0.013406	-1.49	0.179340	1.46	0.493802	1.15
LOC102132107	uncharacterized protein LOC102132107	9 37897517 37941913	0.013410	-10.39	0.668025	2.35	0.281676	3.32
BAZZA	bromodomain adjacent to zinc finger domain 1	11 55554738 55596316	0.013497	1.27	0.695969	1.09	0.287784	1.14
MTRF1	mitochondrial ribosomal protein MTRF1	17 20468477 20515596	0.013497	-1.31	0.405680	1.18	0.442129	1.12
MSI1	RNA-binding protein Musashi homolog 1	11 124233595 124260763	0.013539	2.01	0.531860	1.46	0.790881	-1.11
PHF2	lysine-specific demethylase PHF2	15 107712753 107743300	0.013539	1.30	0.583525	1.13	0.362950	1.13
FCMR	fas apoptotic inhibitory molecule 3 isoform 1	1 65482701 65499650	0.013574	2.05	0.245817	-1.83	0.895624	1.06
GJB3	gap junction beta-3 protein	1 193140499 193141311	0.013574	-1.73	0.736976	1.19	0.513948	-1.21
LSM6	U6 snRNA-associated Sm-like protein LSM6	5 145289817 145297059	0.013658	-1.30	0.854152	1.05	0.842610	-1.03
PAIP2B	polyadenylate-binding protein-interacting protein 2B	13 38686531 38718295	0.013684	1.66	0.711897	1.19	0.389197	1.25
LOC102122229	zinc finger protein 252-like isoform X2	8 146668655 146708256	0.013731	1.27	0.155379	1.28	0.063692	-1.23
LOC102135323	ryanodine receptor 1-like	0 2333 4896	0.013738	2.70	0.810543	-1.32	0.942130	-1.05
LOC102115910	V-set and immunoglobulin domain-containing protein 1	0 1754 12983	0.013738	1.51	0.821908	1.10	0.367213	1.21
ASPH	aspartyl/asparaginyl beta-hydroxylase isoform 1	8 62583315 62812272	0.013738	-1.35	0.671579	1.12	0.507636	1.11
LOC102141621	uncharacterized protein LOC102141621	14 125506412 125525986	0.013745	-3.37	0.313180	-2.27	0.871675	-1.12
LOC107129315	T-cell receptor beta chain V region CTL-1	3 175616083 175616725	0.013773	-2.18	0.385124	-1.71	0.643038	1.22
LOC107129939	uncharacterized protein LOC107129939	6 60032601 60034665	0.013813	6.01	0.866137	-1.61	0.368758	-3.42
LOC102143072	prostaglandin F synthase 1-like	9 5545897 5570395	0.013813	3.17	0.162303	3.29	0.027981	-3.44
MAK	serine/threonine-protein kinase MAK isoform 1	4 160022492 160088290	0.013813	2.21	0.009468	4.08	0.270088	-1.59
SUPT20H	transcription factor SPT20 homolog isoform 1	17 16408142 16450980	0.013813	-1.15	0.716056	1.05	0.357669	1.07
TRNT1	CCA tRNA nucleotidyltransferase 1, mitochondrial	2 134015359 134038735	0.013813	-1.47	0.398113	1.29	0.390517	1.19
HIGD1A	HIG1 domain family member 1A, mitochondrial	2 97718166 97725915	0.013813	-1.48	0.405762	1.29	0.372870	1.20
AP3S1	AP-3 complex subunit sigma-1 isoform X1	6 114685835 114755873	0.013813	-1.56	0.753040	1.14	0.614013	1.13
BET1	BET1 homolog	3 117972480 117981899	0.013813	-1.67	0.325413	1.46	0.655207	1.14
DNAL1I	axonemal dynein light intermediate polypeptide 1	1 190251761 190260719	0.013848	2.47	0.352499	-1.91	0.128837	-1.95
PHOSPHO1	phosphoethanolamine/phosphocholine phosphatase	16 34599765 34602203	0.013848	2.10	0.186453	2.10	0.654537	1.22
GLT1D1	glycosyltransferase 1 domain-containing protein 1	11 133230757 133353105	0.013888	1.97	0.189849	-1.90	0.315566	1.43
ZMYND10	zinc finger MYND domain-containing protein 10	2 105590085 105594254	0.014011	2.83	0.895774	1.17	0.115637	-2.24
NR4A2	nuclear receptor subfamily 4 group A member 2	12 45089746 45094119	0.014011	1.61	0.742766	1.16	0.497314	-1.18
CNT2	cyclin-T2 isoform X1	12 21263950 21299479	0.014011	-1.45	0.574687	1.19	0.823804	1.05
EIF2AK2	interferon-induced, double-stranded RNA-dependent protein kinase 2	13 73537200 73583304	0.014011	-1.49	0.133778	1.52	0.217173	1.28
STX5	syntaxin-5	14 11429167 11455395	0.014034	1.20	0.356989	-1.14	0.410944	-1.08
HS3ST1	heparan sulfate glucosamine 3-O-sulfotransferase 1	5 10507613 10508536	0.014039	1.90	0.749415	-1.22	0.815426	1.09
LOC102124849	choline transporter-like protein 2	0 1802 2412	0.014082	1.78	0.768384	1.18	0.496770	1.23
OSBPL5	oxysterol-binding protein-related protein 5	14 3048109 3094322	0.014116	1.67	0.339645	1.45	0.969224	-1.01
REEP3	receptor expression-enhancing protein 3 isoform 1	9 72406768 72509051	0.014189	-1.50	0.031991	1.74	0.423065	1.19
FAM160B1	protein FAM160B1 isoform X1	9 114025998 114069414	0.014284	-1.51	0.130059	1.54	0.358387	1.22
LOC102132836	prothymosin alpha-like	8 59653688 59654017	0.014284	-1.54	0.965864	1.02	0.000238	-1.93
TRAF5	TNF receptor-associated factor 5 isoform 1	1 69897614 69943263	0.014288	1.40	0.876217	1.06	0.222760	1.22
ZNF776	zinc finger protein 776 isoform X1	19 58404434 58412937	0.014288	1.35	0.648439	-1.13	0.404786	1.14
LOC102137378	LOW QUALITY PROTEIN: acyl-coenzyme A oxidase	13 14895671 14929259	0.014294	2.24	0.449753	1.65	0.169103	1.61
ERMAP	erythroid membrane-associated protein isoform 1	1 184833935 184847938	0.014347	5.34	0.639095	2.02	0.353176	-2.23
CD177	CD177 antigen	19 44124297 44138912	0.014347	2.88	0.203914	2.64	0.736379	-1.23
MGRN1	E3 ubiquitin-protein ligase MGRN1 isoform 1	20 4895316 4956827	0.014347	1.34	0.655469	-1.13	0.645272	1.08
TOMM5	mitochondrial import receptor subunit TOM5	15 41395368 41399120	0.014347	-1.42	0.927397	-1.04	0.713543	1.08
RCN2	reticulon 2	7 55232337 55250825	0.014347	-1.57	0.404879	1.34	0.341441	1.25
TPCN2	two pore calcium channel protein 2 isoform 1	14 5673004 5709439	0.014353	-1.41	0.389255	-1.26	0.024284	-1.42
ANAPC10	anaphase-promoting complex subunit 10 isoform 1	5 144115793 144229149	0.014383	-1.24	0.768384	1.06	0.933007	-1.01
ATP12A	potassium-transporting ATPase alpha chain 2	17 4694009 4725107	0.014406	3.35	0.159971	-3.31	0.260408	-2.00
ST3GAL1	CMP-N-acetylneuraminate-beta-galactosyltransferase 1	8 134836487 134860607	0.014421	1.33	0.706665	-1.10	0.707335	-1.06

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
SDCBP	syntenin-1 isoform X1	8 59681190 59698685	0.014452	-1.76	0.606231	1.28	0.903989	1.04
RTF1	RNA polymerase-associated protein RTF1	7 18312988 18384755	0.014467	1.13	0.636293	-1.05	0.368302	1.06
OAS1	2'-5'-oligoadenylate synthase 1	11 116640337 116652987	0.014497	-2.44	0.170938	2.38	0.590413	1.30
SPATA17	spermatogenesis-associated protein 17 isoform X1	1 76279915 76509688	0.014520	3.35	0.768581	1.47	0.485346	-1.60
GIN1	gypsy retrotransposon integrase-like protein	6 101639729 101660347	0.014543	-1.36	0.692200	-1.12	0.878823	-1.03
FA2H	fatty acid 2-hydroxylase	20 62850353 62912885	0.014601	-2.01	0.578667	1.41	0.811494	-1.11
SLC1A3	excitatory amino acid transporter 1	6 37035006 37117503	0.014601	-2.10	0.976880	-1.03	0.602953	1.24
LOC107128656		0 196804 213967	0.014624	-1.85	0.230680	1.71	0.091762	1.63
LRPAP1	alpha-2-macroglobulin receptor-associated protein 1	5 3627302 3647053	0.014688	1.28	0.221947	-1.24	0.708881	-1.23
GSKIP	GSK3-beta interaction protein isoform X1	7 161471828 161475308	0.014690	-1.71	0.492502	1.35	0.431722	1.25
PLA2G2F	group IIF secretory phospholipase A2	1 208269543 208278519	0.014731	-2.21	0.406342	-1.67	0.286611	-1.55
EIF1AX	eukaryotic translation initiation factor 1A	X 18029044 18043674	0.014750	-1.57	0.109805	1.64	0.548812	1.16
TUSC3	tumor suppressor candidate 3 isoform X2	8 15500694 15706557	0.014767	-1.57	0.700508	-1.17	0.762195	1.08
QRICH2	glutamine-rich protein 2	16 73628308 73670255	0.014843	-4.68	0.989305	1.03	0.588391	1.60
LOC102126660	Ig heavy chain V-I region V35-like	0 451845 452293	0.014889	3.79	0.690790	1.62	0.923476	1.08
ZNF701	zinc finger protein 701	19 53253865 53263547	0.014921	-1.34	0.901660	1.04	0.325693	1.16
UBL3	ubiquitin-like protein 3	17 9390481 9464953	0.014927	-1.40	0.008328	1.71	0.918073	1.02
DNAH12	dynein heavy chain 12, axonemal isoform X1	2 112619385 112855118	0.014971	2.53	0.987179	-1.02	0.191375	-1.86
NFIX	nuclear factor 1 X-type isoform X4	19 13261295 13325236	0.014971	1.63	0.590300	-1.25	0.158093	1.41
PHF11	PHD finger protein 11 isoform X1	17 28706828 28734192	0.014987	-1.23	0.881595	1.03	0.626811	1.06
STXBP4	syntaxin-binding protein 4 isoform X1	16 40488377 40665518	0.014995	-1.29	0.654124	1.11	0.749645	-1.05
IgLL5	immunoglobulin lambda-like polypeptide	10 28422313 28423103	0.015014	2.81	0.939118	1.10	0.849377	-1.13
ZER1	protein zer-1 homolog isoform X1	15 10410502 10439160	0.015099	1.34	0.468264	-1.19	0.679392	-1.07
LOC102142464	maspin-like	20 1297243 1300040	0.015101	10.65	0.715092	-2.10	0.046488	6.51
PHACTR4	phosphatase and actin regulator 4 isoform X1	1 19967875 199828194	0.015105	1.37	0.802222	-1.08	0.568628	1.11
MKLN1	muskelin isoform X1	3 164099209 164257407	0.015105	-1.26	0.579805	-1.12	0.691836	-1.05
FCER1G	high affinity immunoglobulin epsilon receptor gamma 1	1 90432384 90435897	0.015105	-1.64	0.744303	-1.17	0.479814	-1.21
EID2	EP300-interacting inhibitor of differentiation 2	19 32442 33152	0.015106	-1.43	0.790583	1.10	0.695505	1.08
PPIL6	peptidyl-prolyl cis-trans isomerase-like 6	4 13301157 13349252	0.015132	1.63	0.119876	1.69	0.339527	-1.27
SNX31	sorting nexin-31 isoform X3	8 101712705 101782518	0.015141	3.12	0.968549	1.07	0.071023	-2.64
SRSF10	serine/arginine-rich splicing factor 10 isoform X1	1 204400947 204414191	0.015141	-1.41	0.370091	1.27	0.698932	1.08
SPATS1	spermatogenesis-associated serine-rich protein 1	4 126143254 126178840	0.015177	5.51	1.000000	1.00	0.580083	-1.77
RGS2	regulator of G-protein signaling 2	1 50980408 50982959	0.015177	1.61	0.390165	1.38	0.879988	1.05
AZU1	azurocidin	19 585921 590998	0.015212	-1.94	0.134619	1.99	0.852710	-1.08
LOC102116898	Ig kappa chain V-III region VG-like	0 10792 11314	0.015256	2.26	0.118421	2.07	0.326048	1.36
MORC4	MORC family CW-type zinc finger protein 4	X 104064591 104123927	0.015260	1.45	0.857614	-1.07	0.938265	-1.02
C15H9orf24	spermatid-specific manchette-related protein 24	15 44735179 44753898	0.015312	3.56	0.967552	1.08	0.432132	-1.71
ESY1	extended synaptotagmin-1 isoform X1	11 55044731 55063131	0.015312	1.20	0.586899	-1.09	0.565608	1.06
LOC102118112	cytochrome c oxidase assembly factor 7-like	0 1405 1960	0.015324	-1.74	0.000198	-3.17	0.678032	1.14
FAM35A	protein FAM35A isoform X1	9 47829216 47869213	0.015369	-1.32	0.482478	1.18	0.396879	-1.14
CNR2	cannabinoid receptor 2	1 204511986 204513068	0.015411	2.10	0.735662	-1.28	0.313997	1.51
LOC102138692		8 73169689 73271821	0.015411	-2.14	0.819464	-1.20	0.607853	1.24
NTPCR	cancer-related nucleoside-triphosphatase	1 16609158 16637441	0.015460	1.43	0.913958	-1.04	0.514117	-1.13
SSX2IP	afadin- and alpha-actinin-binding protein 2	1 142583780 142608711	0.015505	-1.40	0.854152	1.07	0.323402	1.19
LOC107130135		6 181526241 181536809	0.015505	-17.18	0.705036	2.38	0.713879	-1.62
WSB1	WD repeat and SOCS box-containing protein 1	16 23493439 23511985	0.015646	-1.50	0.854827	1.08	0.100093	-1.38
MMP25	matrix metalloproteinase-25 isoform X1	20 3332407 3345222	0.015688	1.52	0.920988	-1.05	0.164676	1.34
TMEM68	transmembrane protein 68 isoform X2	8 56786776 56811760	0.015688	-1.27	0.781775	1.07	0.489799	1.09
TPR	nucleoprotein TPR isoform X1	1 44230485 44293646	0.015712	1.30	0.480781	-1.16	0.963130	-1.01
FAM168A	protein FAM168A isoform X2	14 68635784 68699086	0.015822	1.16	0.596937	-1.07	0.027145	1.16
LTBP4	latent-transforming growth factor beta-binding protein 4	19 41105962 41141032	0.015830	2.05	0.357703	1.67	0.810309	1.11
PRKAA2	5'-AMP-activated protein kinase catalytic subunit alpha-2	1 170652923 170684421	0.015870	-1.80	0.070742	2.11	0.145867	1.55
UBTF	nucleolar transcription factor 1 isoform X1	16 55987842 55999148	0.015885	1.25	0.974056	1.01	0.168109	1.17
MYF6	myogenic factor 6	11 79874685 79875935	0.015928	5.20	0.213476	5.61	0.288989	-2.32
ARHGAP31	rho GTPase-activating protein 31 isoform X1	2 152782021 152902892	0.015928	1.42	0.444023	1.24	0.334312	1.19
HDAC1	histone deacetylase 1 isoform X1	1 195651888 195701378	0.015928	1.13	0.575815	-1.06	0.471239	-1.05
LGALS1	galactin-1	10 13573244 13576877	0.015928	-1.51	0.846842	-1.09	0.719026	-1.09
LOC102131515	leucine-rich repeat protein 1	7 29937 35975	0.015928	-1.59	0.772415	-1.15	0.949274	1.02
CD300LG	CMRF35-like molecule 9 isoform X5	16 55548796 55565767	0.015928	-3.99	0.829941	1.36	0.710207	-1.34
WHSC1L1	histone-lysine N-methyltransferase NSD3	8 39092263 39166738	0.015972	1.21	0.803911	-1.05	0.720744	1.04
SYPL1	synaptophysin-like protein 1	3 138545830 138567172	0.015978	-1.66	0.403479	1.40	0.771011	1.09
NLRP6	NACHT, LRR and PYD domains-containing protein 6	14 95346 101836	0.016028	2.26	0.792894	-1.24	0.395678	1.45
L1CAM	neural cell adhesion molecule L1 isoform X1	X 150843479 150856758	0.016031	2.14	0.054813	2.64	0.488596	1.33
KDM4B	lysine-specific demethylase 4B isoform X1	19 5156398 5272461	0.016108	1.22	0.323183	-1.16	0.638666	1.05
RFESD	Rieske domain-containing protein	6 94075179 94077463	0.016142	-1.57	0.795938	-1.12	0.341441	1.26
LOC102135595	LOW QUALITY PROTEIN: neuroblastoma	1 104117964 104137244	0.016142	-1.75	0.712096	1.21	0.000013	-2.43
LOC102124370	perilipin-2 isoform X1	15 59645205 59669454	0.016160	-2.56	0.987179	1.02	0.997204	-1.00
GSPT2	eukaryotic peptide chain release factor GTPase 2	0 31121 32995	0.016190	-1.32	0.982070	1.01	0.003766	1.42
LOC102125538		15 26545276 26570275	0.016190	-2.15	0.360958	-1.73	0.125047	-1.82
LOC102134537	tight junction protein ZO-3-like	19 3709179 3723579	0.016315	1.78	0.271093	-1.60	0.879204	-1.06
OSCP1	protein OSCP1 isoform X1	1 191377358 191409002	0.016315	1.63	0.404810	-1.39	0.236553	-1.35
ANK3	ankyrin-3 isoform X25	9 75341680 76032041	0.016315	1.60	0.999141	1.00	0.845059	-1.06
TMEM229B	transmembrane protein 229B	7 131995031 131995534	0.016315	1.47	0.604382	1.20	0.194178	1.29
LOC102123757	zinc finger protein 680	3 58320559 58366724	0.016315	-1.41	0.927196	1.04	0.484394	1.14
PCDHGB1	protocadherin gamma-B1	6 140472157 140474589	0.016328	2.47	0.181454	2.69	0.109359	2.08
PLPP3	lipid phosphate phosphohydrolase 3 isoform X1	1 170797338 170891460	0.016338	1.76	0.318215	1.55	0.974592	-1.01
DNAAF3	DNAAF3	19 55974044 55983401	0.016351	2.61	0.619033	-1.55	0.342291	-1.63
CA8	carbonic anhydrase-related protein 8	8 61320107 61393245	0.016351	1.70	0.000556	2.87	0.826347	-1.07
SNRPG	small nuclear ribonucleoprotein G isoform X1	13 39607642 39619755	0.016351	-1.33	0.505872	-1.17	0.581512	-1.09
CMPK1	UMP-CMP kinase isoform X1	1 180216533 180260048	0.016351	-1.49	0.375878	1.32	0.682838	1.10
ATP8A1	phospholipid-transporting ATPase 1A isoform X1	5 42199831 42461723	0.016351	-1.58	0.596308	1.23	0.635833	1.13
C14H11orf70	uncharacterized protein C11orf70 homolog	14 97970075 98006106	0.016390	5.90	0.879242	1.37	0.759738	1.37
ZCCHC10	zinc finger CCHC domain-containing protein 10	6 131986733 132016794	0.016419	-1.45	0.064481	1.59	0.827389	1.05
LOC107130072	uncharacterized protein LOC107130072	6 133712687 133713178	0.016419	-2.58	0.740350	1.33	0.853864	1.12
CFAP74	LOW QUALITY PROTEIN: cilium- and flagellum-associated protein 74	1 226436956 226500755	0.016473	3.06	0.951046	-1.10	0.567020	-1.45
LRRK1	leucine-rich repeat serine/threonine-protein kinase 1	7 81893334 82040522	0.016473	1.16	0.584150	-1.07	0.210026	1.10
CCDC58	coiled-coil domain-containing protein 58	2 149801999 149825757	0.016473	-1.36	0.761411	-1.10	0.973653	-1.01

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
TTPA	alpha-tocopherol transfer protein	8 64172212 64197494	0.016473	-4.26	0.642764	-1.85	0.799557	-1.26
PAK1IP1	p21-activated protein kinase-interacting p	4 160152824 160166291	0.016488	-1.41	0.059077	1.56	0.305584	1.02
KIF6	kinesin-like protein KIF6 isoform X4	4 130979247 131374267	0.016516	3.35	0.218195	3.09	0.673150	-1.33
SYT15	synaptotagmin-15 isoform X1	9 47893822 47902697	0.016520	1.53	0.249204	-1.44	0.487208	1.17
TMED7	transmembrane emp24 domain-containing	6 114452981 114460892	0.016541	-2.19	0.099882	2.44	0.583858	1.27
SETDB2	histone-lysine N-methyltransferase SETD	17 28657076 28702683	0.016572	-1.31	0.541797	-1.15	0.629069	-1.08
ARL8B	ADP-ribosylation factor-like protein 8B	2 136007019 136058924	0.016578	-1.51	0.778065	1.12	0.583858	1.13
LOC107129331	T-cell receptor beta chain V region YT35	3 175900449 175901245	0.016632	2.22	0.008838	-2.87	0.995145	-1.00
SLC18A2	synaptic vesicular amine transporter	9 116450557 116488438	0.016671	3.63	0.986424	-1.03	0.134178	2.54
XPNPEP2	xxa-Pro aminopeptidase 2	X 126620059 126649642	0.016674	1.76	0.078378	-1.99	0.074448	1.62
ZNF512B	zinc finger protein 512B	10 96172631 96178596	0.016674	1.27	0.989455	-1.00	0.802997	-1.04
CFAP221	cilia- and flagella-associated protein 221 i	12 12530404 12641468	0.016683	1.60	0.999575	-1.00	0.031956	-1.61
MAOB	amine oxidase [flavin-containing] B isofo	X 42049696 42173440	0.016683	1.44	0.802412	-1.10	0.208469	-1.27
ATP10A	probable phospholipid-transporting ATPa	7 3657796 3841029	0.016683	1.40	0.017946	1.67	0.848190	1.04
MANSC1	MANSC domain-containing protein 1 iso	11 12899076 12913170	0.016683	1.31	0.987462	1.01	0.026628	1.32
C14H11orf71	uncharacterized protein C11orf71 homolo	14 110430316 110430699	0.016683	-1.40	0.858569	1.07	0.663975	1.09
PHIP	PH-interacting protein isoform X4	4 94823132 94955680	0.016683	-1.61	0.460404	1.33	0.425769	1.23
C12H2orf69	UPF0565 protein C2orf69 homolog	12 89113319 89126992	0.016706	-1.97	0.247857	1.80	0.374385	1.38
PMS1	PMS1 protein homolog 1 isoform X1	12 78961246 79048511	0.016856	-1.39	0.224150	1.34	0.393838	1.16
FUCA2	plasma alpha-L-fucosidase isoform X1	4 48022668 48038550	0.016867	-1.47	0.579401	-1.20	0.660406	-1.10
ARHGEF9	rho guanine nucleotide exchange factor 9	X 60410623 60562186	0.016892	1.55	0.155597	1.56	0.796708	-1.07
LOC102135321	Ig kappa chain V-II region GM607-like	13 17866925 17868243	0.016932	-13.27	0.988609	-1.06	0.096876	-6.35
SUPT6H	transcription elongation factor SPT6	16 24921969 24949011	0.016950	1.25	0.974541	-1.01	0.969193	-1.01
ATP5G3	ATP synthase, H+ transporting, mitochon	12 64150529 64153486	0.016982	-1.29	0.985600	-1.01	0.984845	1.00
LOC102117770	Ig kappa chain V-III region NG9-like	7 85884637 85885485	0.016986	5.87	0.055752	-7.28	0.933717	1.09
SPTA1	spectrin alpha chain, erythrocytic 1	1 93011346 93087467	0.016986	2.95	0.030023	4.82	0.779766	1.21
PIP5K1A	phosphatidylinositol 4-phosphate 5-kinase	1 100750469 100804984	0.017002	1.33	0.895774	-1.04	0.742717	-1.06
CALCB	calcitonin gene-related peptide 2	14 52672362 52674795	0.017025	7.64	0.319906	6.98	0.165825	-4.60
LOC102145413	HLA class II histocompatibility antigen, D	4 138024204 138027951	0.017025	1.90	0.103763	-2.08	0.390560	1.34
LOC102143577		7 156822277 156839088	0.017069	1.70	0.520208	-1.34	0.297505	-1.34
IQCK	IQ domain-containing protein K isoform 2	20 19095323 19235207	0.017101	1.55	0.887333	1.07	0.881578	-1.04
S100A10	protein S100-A10 isoform X1	1 99957782 99966930	0.017133	-1.51	0.705328	-1.16	0.084933	-1.41
LYPLA1	acyl-protein thioesterase 1 isoform X2	8 55090225 55143449	0.017133	-1.85	0.134806	1.93	0.504998	1.25
FZD10	frizzled-10	11 134542675 134544420	0.017152	1.77	0.519830	1.33	0.296318	1.35
ADGRG5	adhesion G-protein coupled receptor G5	20 45587368 45604567	0.017269	1.65	0.681226	-1.21	0.960216	-1.02
LYPD6	ly6/PLAUR domain-containing protein 6	12 38121599 38154290	0.017344	2.03	0.016230	3.03	0.807472	1.10
ARHGEF3	rho guanine nucleotide exchange factor 3	2 112050365 112355705	0.017397	1.37	0.411140	1.23	0.298098	1.19
CENPK	centromere protein K isoform X3	6 65304751 65362002	0.017397	-1.94	0.936036	-1.01	0.514117	1.27
LOC107131023		10 27387186 27393365	0.017445	3.18	0.887333	1.18	0.715942	-1.24
KLHL36	kelch-like protein 36	20 72960695 72972300	0.017462	1.42	0.892366	1.06	0.109643	1.32
LOC102121083		10 19380415 19401719	0.017537	-20.53	0.149512	22.79	0.117250	10.92
CBX6	chromobox protein homolog 6 isoform X	10 12346617 12353526	0.017558	1.28	0.390165	-1.18	0.330081	-1.13
AREG	amphiregulin isoform X1	5 60026718 60033975	0.017598	-2.82	0.318130	-2.22	0.291915	-1.77
FAM103A1	family with sequence similarity 103, mem	7 63020948 63022305	0.017696	-1.24	0.709342	-1.08	0.807123	1.03
RNF130	E3 ubiquitin-protein ligase RNF130 isofo	6 179916565 180033905	0.017696	-1.37	0.385822	-1.25	0.426678	-1.15
TXND9	thioredoxin domain-containing protein 9	13 3643669 3655123	0.017828	-1.33	0.221285	1.30	0.409716	1.13
SH3YL1	SH3 domain-containing YSC84-like prote	13 110947944 110991369	0.018027	-1.43	0.989741	1.01	0.789492	-1.06
LOC107131038	Ig lambda chain V region 4A-like	10 29190425 29190901	0.018057	4.44	0.470372	2.22	0.695793	-1.35
LOC102136965	zinc finger protein 773 isoform X1	19 58140494 58147732	0.018057	1.59	0.543189	1.27	0.814839	1.07
RAC2	ras-related C3 botulinum toxin substrate 2	10 14030963 14048004	0.018089	-1.43	0.332915	-1.31	0.118552	1.32
SRSF3	uncharacterized protein LOC101926185	4 134138736 134143912	0.018089	-1.40	0.277925	1.32	0.404874	1.10
TMX3	protein disulfide-isomerase TMX3	18 11377621 11414082	0.018095	-1.69	0.333436	1.49	0.437127	1.25
TMEM251	transmembrane protein 251	0 4761 6019	0.018135	-1.52	0.887441	1.07	0.806828	-1.07
PSMG1	proteasome assembly chaperone 1	3 7594694 7602467	0.018151	-1.26	0.918867	1.03	0.975922	-1.00
SUPV3L1	ATP-dependent RNA helicase SUPV3L1	9 66489665 66519627	0.018193	-1.27	0.838695	-1.06	0.271399	-1.15
SNRPE	small nuclear ribonucleoprotein E	1 62343770 62351723	0.018242	-1.27	0.987313	1.00	0.502621	1.09
WNT3A	protein Wnt-3a	1 86907605 86916625	0.018284	-4.97	0.250488	-4.90	0.424711	-3.06
LRRC23	leucine-rich repeat-containing protein 23	11 7217090 7225012	0.018320	5.05	0.862392	1.39	0.137330	-3.50
CCDC103	coiled-coil domain-containing protein 103	16 56709664 56712798	0.018433	2.33	0.213182	-2.40	0.201183	-1.83
MRPL42	39S ribosomal protein L42, mitochondria	11 97158700 97192202	0.018469	-1.34	0.919141	1.04	0.448016	1.13
TIA1	TIA1 cytotoxic granule-associated RNA b	13 39656250 39691469	0.018469	-1.53	0.583264	1.23	0.959096	-1.02
LOC107131108		1 102731458 102736596	0.018491	-2.59	0.309338	-2.08	0.805761	1.14
SSBP3	single-stranded DNA-binding protein 3 iso	1 173002661 173183883	0.018517	1.29	0.397686	-1.19	0.571342	-1.08
SETD1A	histone-lysine N-methyltransferase SETD	20 29610192 29636002	0.018524	1.20	0.570468	-1.10	0.841237	-1.02
AFAP1	actin filament-associated protein 1 isoform	5 5005479 5133715	0.018558	1.39	0.879242	1.06	0.274696	1.21
C7H14orf37	uncharacterized protein C14orf37 homolo	7 122260099 122412561	0.018659	1.59	0.755129	1.15	0.322448	1.26
DNMT3A	DNA (cytosine-5)-methyltransferase 3A iso	13 85585213 85668010	0.018738	1.24	0.070565	-1.31	0.757401	1.04
SLCO4A1	solute carrier organic anion transporter fa	10 94751868 94780940	0.018738	-2.83	0.339723	-2.20	0.894926	-1.09
LOC107129330	T-cell receptor beta chain V region CTL-1	3 175690218 175690734	0.018784	9.07	0.448294	-2.99	0.533365	-1.89
ADGRF1	adhesion G-protein coupled receptor F1	4 123521044 123549328	0.018791	5.27	0.565845	2.36	0.698518	-1.47
TRRAP	transformation/transcription domain-asso	3 43125833 43258859	0.018791	1.21	0.579401	-1.10	0.764306	-1.03
HUWE1	E3 ubiquitin-protein ligase HUWE1 isofo	X 52605686 52724804	0.018887	1.22	0.551212	-1.11	0.989201	1.00
CLIP3	CAP-Gly domain-containing linker protei	19 36504588 36520622	0.018940	1.85	0.358660	1.57	0.828350	-1.09
RWDD1	RWD domain-containing protein 1 isoform	4 20596129 20618253	0.018983	-1.20	0.724563	-1.06	0.987118	1.00
AKIRIN2	akirin-2	4 86234487 86262320	0.019009	-1.14	0.993669	1.00	0.624964	-1.04
ZCCHC24	zinc finger CCHC domain-containing pro	9 56179107 56237067	0.019045	1.30	0.204835	1.28	0.146441	1.21
ACSM5	acyl-coenzyme A synthetase ACSM5, mit	20 19819821 19848308	0.019066	10.40	0.986563	1.03	0.440137	1.91
MMA2HC	uncharacterized protein LOC101865845	12 38243978 38260795	0.019123	-1.24	0.870019	1.04	0.749523	-1.04
PAXBP1	PAX3- and PAX7-binding protein 1 isofo	3 13980947 14017693	0.019209	-1.50	0.735523	-1.14	0.467419	-1.18
NATD1	protein NATD1	16 20881761 20892235	0.019232	1.57	0.941586	-1.04	0.998994	-1.00
IL16	pro-interleukin-16 isoform X1	7 59685948 59815309	0.019232	1.44	0.426392	-1.27	0.326392	1.21
PSMG2	proteasome assembly chaperone 2 isoform	18 73626392 73656566	0.019232	-1.27	0.691084	1.10	0.849149	1.03
USP45	ubiquitin carboxyl-terminal hydrolase 45	4 74297526 74374047	0.019232	-1.38	0.642529	1.15	0.704480	1.07
SPRED1	sprouty-related, EVH1 domain-containing	7 15018090 15115712	0.019232	-1.54	0.108439	1.63	0.643076	1.12
LOC102120205	cytochrome c	3 95660154 95660471	0.019232	-1.85	0.097252	2.05	0.615157	1.19
ZC2HC1A	zinc finger C2HC domain-containing prot	8 79821326 79872375	0.019232	-1.90	0.193888	1.87	0.281333	1.45
NKAPL	NKAP-like protein	4 142588502 142589719	0.019232	-3.84	0.783474	1.41	0.316536	1.99

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
RAB11FIP4	rab11 family-interacting protein 4 isoform cilia- and flagella-associated protein 44 isoform 2	16 27622597 27725362	0.019311	1.49	0.131806	-1.55	0.990927	1.00
CFAP44	cilia- and flagella-associated protein 44 isoform 2	2 158825209 158961932	0.019319	2.34	0.967949	1.05	0.169755	-1.84
LOC102142263	C4b-binding protein alpha chain isoform 1	1 65691556 65723131	0.019443	1.74	0.992155	1.01	0.246853	-1.40
CD58	lymphocyte function-associated antigen 3	1 110193057 110249103	0.019449	-1.24	0.893034	-1.03	0.911577	-1.02
LOC102133876	9 14152999 14161808	0.019508	2.72	0.966449	-1.06	0.469078	-1.50	
SPAG17	sperm-associated antigen 17 isoform X1	1 108554933 108775169	0.019513	5.24	0.797827	1.64	0.807581	-1.29
HSF2BP	heat shock factor 2-binding protein isoform 3	3 3125101 3240101	0.019536	-1.88	0.337761	1.60	0.384452	1.32
PLCH2	1-phosphatidylinositol 4,5-bisphosphate phospholipase C	1 225880231 225908538	0.019581	6.62	0.681257	-2.67	0.431010	-2.53
PLEKHS1	pleckstrin homology domain-containing family class B member 1	9 112927639 112954964	0.019581	6.31	0.726457	-2.01	0.315129	-2.86
C7H14orf19	uncharacterized protein C14orf19 homolog 1	7 86806174 86806596	0.019581	-1.17	0.240083	-1.16	0.806210	-1.03
MRPL32	39S ribosomal protein L32, mitochondria	3 77533035 77538161	0.019581	-1.22	0.990669	-1.00	0.139424	-1.16
PAX5	paired box protein Pax-5 isoform X3	15 41974574 42167771	0.019586	2.61	0.407848	-2.02	0.567036	1.38
RELN	reelin isoform X2	3 135850591 136356916	0.019586	1.81	0.726964	1.22	0.297738	1.39
ITGA7	integrin alpha-7 isoform X4	11 54579364 54604978	0.019586	1.57	0.752777	1.15	0.889398	1.04
CYP2A23	cytochrome P450 2A13-like precursor	19 41522893 41530577	0.019619	4.43	0.141470	-5.33	0.109025	-3.38
LOC102121984	CD209 antigen isoform X4	19 8094515 8098929	0.019678	2.73	0.516953	1.77	0.007102	3.53
CRIP1	cysteine-rich PDZ-binding protein	13 63758761 63765561	0.019678	-1.47	0.468966	1.26	0.552928	1.14
PADI3	protein-arginine deiminase type-3	1 211226120 211263218	0.019708	3.44	0.972166	-1.07	0.474043	1.94
MMP21	matrix metalloproteinase-21	9 125089567 125099019	0.019713	1.83	0.948945	1.05	0.087650	-1.65
LOC102119103	Ig heavy chain V-I region V35-like	0 38285 38732	0.019774	3.74	0.615853	-1.74	0.567020	1.47
TMEM164	transmembrane protein 164 isoform X1	X 107129562 107303939	0.019850	1.24	0.150797	-1.25	0.970701	1.01
PGPEP1	pyroglutamyl-peptidase 1 isoform X2	19 18770327 18792669	0.019850	-1.63	0.617955	-1.24	0.745926	-1.10
SLC7A4	cationic amino acid transporter 4	10 30622107 30625166	0.019925	7.17	0.472843	3.30	0.941004	-1.11
LOC107126365	dynein heavy chain 10, axonemal isoform 1	11 128132635 128279814	0.019925	5.30	0.294768	-4.34	0.370135	-2.28
LOC107128203	histone-lysine N-methyltransferase 2B-like 1	19 36169432 36170751	0.019925	1.63	0.807838	-1.14	0.286710	1.32
ZNF70	zinc finger protein 70	0 176668 178008	0.019925	1.62	0.910687	-1.06	0.969129	1.01
STYX	serine/threonine/tyrosine-interacting protein 1	7 116896764 116944692	0.019925	-1.77	0.435372	1.45	0.658838	1.16
CHST4	carbohydrate sulfotransferase 4 isoform X1	20 61092099 61093265	0.020078	3.48	0.136482	4.41	0.583146	-1.46
TWSG1	uncharacterized protein LOC101926712	18 70489657 70554431	0.020080	-1.64	0.108439	1.77	0.114701	1.49
IGFBP5	uncharacterized protein LOC101926781	12 106291805 106307096	0.020268	1.94	0.145372	2.03	0.859666	1.08
MEF2D	myocyte-specific enhancer factor 2D isoform 1	1 95234418 95251073	0.020268	1.14	0.327647	-1.11	0.568175	1.04
LRRK2	leucine-rich repeat serine/threonine-protein kinase 2	11 38656470 38813819	0.020344	-1.48	0.574553	1.22	0.962277	1.01
KRCC1	lysine-rich coiled-coil protein 1	13 20390709 20391488	0.020434	-1.26	0.328141	1.20	0.618434	1.07
RBM39	RNA-binding protein 39	10 67191576 67225746	0.020434	-1.34	0.390165	1.22	0.912931	-1.02
LOC102128307	7 26563 30105	0.020434	-6.75	0.077817	-9.64	0.138139	4.02	
LOC102140528	general transcription factor II-I repeat domain 1	0 15323 78763	0.020486	1.52	0.741584	-1.15	0.722768	-1.09
SNRNP48	U11/U12 small nuclear ribonucleoprotein A	4 163356392 163375169	0.020504	-1.53	0.619138	1.21	0.980460	1.01
CFAP126	protein Flattop	1 90284097 90287012	0.020536	6.88	0.944153	1.20	0.584277	-1.86
C11H12orf65	probable peptide chain release factor C12orf65	11 127543660 127544028	0.020555	1.45	0.881971	-1.07	0.592005	1.13
LOC107126825	1 117980573 117988568	0.020656	-2.00	0.287551	1.80	0.323063	-1.44	
CTDSP2	uncharacterized protein LOC101865557	11 56820905 56843462	0.020804	1.30	0.819070	-1.07	0.395025	1.13
SBF1	myotubularin-related protein 5 isoform X1	10 335558 388484	0.020804	1.24	0.031590	-1.36	0.857344	1.02
LOC107128895	2 86236638 86365727	0.020805	3.93	0.959668	-1.10	0.996593	-1.00	
ERII	3'-5' exoribonuclease 1 isoform X3	8 11564899 11703173	0.020807	-1.38	0.619074	1.16	0.824848	1.05
SRD5A1	3-oxo-5-alpha-steroid 4-dehydrogenase 1	6 6650831 6687097	0.020833	-1.52	0.954701	-1.03	0.838629	-1.05
MEOX1	homeobox protein MOX-1 isoform X2	16 55331903 55352635	0.020837	5.05	0.692200	-1.94	0.678511	1.46
RYR3	ryanodine receptor 3 isoform X1	7 9937716 10503930	0.020837	3.35	0.072911	-4.04	0.711095	-1.25
LOC107128139	dedicator of cytokinesis protein 6-like 1	19 11577658 11598110	0.020837	1.59	0.299469	1.47	0.351776	1.27
BBS1	uncharacterized protein LOC101865807	14 7964552 7992682	0.020837	1.56	0.657091	-1.20	0.575194	1.16
TRMT61B	tRNA (adenine58)-N(1)-methyltransferase 6	13 81935048 81955574	0.020837	-1.30	0.373742	1.21	0.998748	1.00
MGST1	microsomal glutathione S-transferase 1 isoform 1	11 17049695 17059752	0.020837	-1.35	0.000003	-2.17	0.402496	-1.15
LOC101925708	uncharacterized protein LOC101925708	13 63766017 63766316	0.020837	-1.46	0.471956	1.26	0.552575	1.14
PPP4R2	serine/threonine-protein phosphatase 4 regulatory subunit 2	2 128624238 128694657	0.020837	-1.47	0.084996	1.60	0.502658	1.16
AZ12	5-azacytidine-induced protein 2 isoform X1	2 19167564 19188698	0.020929	-1.27	0.484022	1.15	0.918666	1.02
C13H2orf70	UPF0573 protein C2orf70 homolog 1	13 84308049 84325460	0.021059	4.11	0.221559	-4.11	0.251099	-2.42
FANK1	fibronectin type 3 and ankyrin repeat domain 1	9 125220539 125341196	0.021059	2.88	0.492464	-1.90	0.421438	-1.60
GNPDA1	glucosamine-6-phosphate isomerase 1 isoform 1	6 141153681 141174841	0.021059	-1.50	0.430379	-1.30	0.947684	-1.02
CEP250	centrosome-associated protein CEP250 isoform 1	10 66939871 67010882	0.021074	1.32	0.448005	-1.19	0.424178	-1.13
RGS12	regulator of G-protein signaling 12 isoform 1	5 3412220 3547820	0.021078	1.41	0.835391	1.08	0.542522	-1.13
LOC107128278	19 53394535 53400343	0.021083	-1.38	0.001039	-1.87	0.120385	1.29	
CALML4	LOW QUALITY PROTEIN: calmodulin-binding protein 4	7 45897617 45909317	0.021135	2.10	0.821157	1.20	0.883777	-1.07
TMEM88	transmembrane protein 88	16 7961614 7962253	0.021135	1.81	0.778436	1.19	0.410824	-1.31
UBQLN4	ubiquilin-4	1 95687247 95700357	0.021186	1.36	0.535716	-1.18	0.136268	-1.26
MTMR6	myotubularin-related protein 6 isoform X1	17 5229296 52297645	0.021186	-1.42	0.240493	1.37	0.289956	1.22
LOC102116757	eukaryotic translation initiation factor 1A, isoform 1	20 63590456 63590890	0.021186	-2.67	0.632998	-1.52	0.665312	-1.28
LOC102135189	adenylate cyclase type 9 isoform X2	0 40215 42139	0.021207	1.88	0.898156	-1.10	0.914929	1.05
PRPSAP1	uncharacterized protein LOC101926187	16 73674268 73726219	0.021214	1.52	0.992863	-1.00	0.177790	-1.34
OGDH	2-oxoglutarate dehydrogenase, mitochondrial	3 75808699 75891344	0.021214	1.26	0.969025	-1.01	0.355020	-1.13
ZC3H12C	probable ribonuclease ZC3H12C isoform 1	14 106084663 106156749	0.021214	-1.61	0.392648	1.40	0.868452	1.05
DERA	deoxyribose-phosphate aldolase	11 16588043 16717496	0.021227	-1.33	0.705036	-1.11	0.753008	1.06
WDR66	WD repeat-containing protein 66	11 125962491 126042922	0.021285	1.66	0.679770	1.23	0.397038	-1.28
CARKD	ATP-dependent (S)-NAD(P)H-hydrate dehydrogenase 1	17 93006170 93028908	0.021285	-1.17	0.387726	1.12	0.048336	-1.16
TSEN15	tRNA-splicing endonuclease subunit Sen15	1 42016098 42037328	0.021358	-1.60	0.544134	1.29	0.239377	1.34
TBC1D19	TBC1 domain family member 19 isoform 1	5 25826283 25983100	0.021359	-1.41	0.944876	1.03	0.965046	1.01
LOC102125382	cytochrome P450 2F1-like	0 845 4329	0.021414	4.37	0.475516	-2.80	0.088559	-3.96
RHOV	rho-related GTP-binding protein RhoV	7 17753285 17754371	0.021446	3.33	0.669641	-1.66	0.478525	-1.60
CNIH4	protein cornichon homolog 4 isoform X1	1 83003126 83023321	0.021558	-1.35	0.833594	1.07	0.810939	-1.05
VMP1	vacuole membrane protein 1 isoform X1	16 45290832 45406231	0.021563	-1.81	0.724132	-1.23	0.484771	-1.26
CDC16	cell division cycle protein 16 homolog isoform 1	17 96734957 96775687	0.021579	-1.18	0.837215	-1.04	0.665045	-1.04
LOC102134836	integrin alpha-E-like	0 812 4186	0.021606	3.08	0.522143	-1.53	0.651418	1.22
LOC102145427	dynein assembly factor 3, axonemal-like	0 33 1884	0.021624	4.26	0.934798	-1.16	0.439980	-1.86
UBE2B	ubiquitin-conjugating enzyme E2B	6 133411039 133434077	0.021624	-1.27	0.091209	1.33	0.559500	-1.08
LOC102125892	cytochrome c oxidase protein 20 homolog 1	1 4584213 4591565	0.021637	-1.37	0.839824	-1.07	0.866248	1.04
MPZL2	myelin protein zero-like protein 2	14 114238213 114244766	0.021637	-2.15	0.979974	-1.03	0.799507	1.13
CMTM5	uncharacterized protein LOC101926334	7 87097426 87098628	0.021647	-1.32	0.676324	1.12	0.942333	1.01
DMRTB1	doublesex- and mab-3-related transcription factor 1	1 173972408 173980437	0.021688	11.14	0.944129	-1.22	0.112343	6.63
MAP2K1	dual specificity mitogen-activated protein kinase 1	7 43977434 44090285	0.021688	-1.45	0.858929	-1.08	0.698650	1.09

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
LOC107127129	uncharacterized protein LOC107127129	13 64096348 64102005	0.021695	3.60	0.712289	1.61	0.858369	1.15
RRN3	RNA polymerase I-specific transcription i	20 15212517 15249123	0.021750	-1.31	0.014126	1.54	0.994885	-1.00
TMEM55A	type 2 phosphatidylinositol 4,5-bisphosph	8 92163167 92208997	0.021750	-1.71	0.525154	1.34	0.265739	1.39
LOC107130357	T-cell receptor alpha chain V region CTL	7 85856128 85856750	0.021810	7.37	0.894634	-1.33	0.782877	-1.25
LOC107128415		20 68041723 68219467	0.021810	1.82	0.028251	2.40	0.981005	-1.01
ZNF740	zinc finger protein 740 isoform X1	11 52036232 52043381	0.021810	1.30	0.738857	-1.09	0.989702	1.00
EID2B	EP300-interacting inhibitor of differentiat	19 45691 461176	0.021810	-1.27	0.776346	-1.07	0.445118	1.11
RPL39L	60S ribosomal protein L39-like isoform X	2 10328690 10341289	0.021840	-2.30	0.072911	3.09	0.765504	1.15
LOC107128712	Ig lambda chain V-IV region Hil-like	0 569 1218	0.021899	3.38	0.463875	2.13	0.840150	-1.16
MORN1	MORN repeat-containing protein 1 isoform	1 225992954 226062856	0.021899	1.55	0.345872	-1.38	0.105341	-1.42
MITD1	MIT domain-containing protein 1	13 3461266 3470564	0.022030	-1.28	0.683862	-1.10	0.568628	1.09
ZNF589	zinc finger protein 589 isoform X3	2 103334942 103360400	0.022067	1.49	0.830975	1.10	0.635967	-1.12
FAM111B	protein FAM111B isoform X1	14 14865995 14885221	0.022067	-2.53	0.335955	-2.06	0.217201	1.84
SFN	14-3-3 protein sigma	1 201420223 201420969	0.022067	-4.44	0.912465	1.22	0.520090	-1.72
ZNF391	zinc finger protein 391	4 143435055 143436131	0.022172	1.57	0.885439	1.08	0.017073	1.66
LOC102141944	LOW QUALITY PROTEIN: SH3 domain	11 11429166 11490295	0.022197	-1.40	0.535716	1.20	0.098683	-1.33
PPIC	peptidyl-prolyl cis-trans isomerase C	6 121962361 121977898	0.022255	-1.30	0.017483	1.52	0.884987	1.03
PROK2	prokineticin-2 isoform X2	2 127381115 127400013	0.022301	2.60	0.746254	1.41	0.235946	1.96
AGBL5	cytosolic carboxypeptidase-like protein 5	13 83806800 83823437	0.022323	1.43	0.459367	-1.25	0.191154	-1.28
LOC107130356	T-cell receptor alpha chain V region 2B4-	7 85667874 85668532	0.022396	4.47	0.735501	-1.55	0.461719	1.66
SMAP1	stromal membrane-associated protein 1 iso	4 103037991 103223062	0.022556	-1.31	0.819641	1.07	0.612599	1.08
TTC13	tetratricopeptide repeat protein 13 isoform	1 18582667 18687443	0.022559	-1.39	0.917525	-1.04	0.472678	-1.14
RELA	transcription factor p65 isoform X1	14 8821993 8830787	0.022636	1.20	0.984500	-1.00	0.971565	-1.00
PDSS1	decaprenyl-diphosphate synthase subunit	9 27157355 27208488	0.022676	-1.37	0.889423	-1.05	0.518390	-1.13
LOC102116953	selenoprotein T	2 52838759 52868446	0.022713	-1.59	0.608292	1.24	0.471549	1.21
SLC5A1	sodium/glucose cotransporter 1	10 19256299 19327662	0.022741	8.49	1.000000	-2.40	0.959162	1.08
QPRT	nicotinate-nucleotide pyrophosphorylase [20 28154410 28157061	0.022741	1.97	0.972873	1.03	0.002715	2.46
NDUF4A2	NADH dehydrogenase [ubiquinone] 1 alp	11 56195206 56196725	0.022741	-1.76	0.766270	1.19	0.278798	-1.39
FAM227A	protein FAM227A isoform X2	10 12575294 12642273	0.022839	2.63	0.886381	-1.20	0.594361	-1.35
KDM3B	lysine-specific demethylase 3B isoform X	6 137451704 137533930	0.022839	1.23	0.619325	-1.10	0.344882	1.11
C9H10orf128	putative uncharacterized protein C10orf12	9 45859883 45892515	0.022852	1.44	0.953452	-1.03	0.722768	1.08
ATP9B	probable phospholipid-transporting ATPa	18 891293 1181333	0.022852	-1.25	0.290968	-1.21	0.000700	-1.39
ZUFSP	zinc finger with UFM1-specific peptidase	4 20660882 20687224	0.022852	-1.53	0.892366	1.07	0.724670	-1.10
PIH1D2	PIH1 domain-containing protein 2	14 108063244 108069370	0.022930	1.69	0.549650	-1.32	0.850196	-1.07
TBC1D10C	carabin isoform X1	14 7043905 7049600	0.022951	1.39	0.505415	-1.79	0.314740	1.20
TCTEX1D4	tctex1 domain-containing protein 4	1 182726890 182727555	0.023011	5.33	0.246569	-9.72	0.375443	-2.54
LOC102120633	protocadherin gamma-A1 isoform X14	6 140452717 140639838	0.023011	1.29	0.068697	1.39	0.380188	1.13
ACSS2	acetyl-coenzyme A synthetase, cytoplasm	10 66306147 66358242	0.023011	1.21	0.651922	-1.09	0.996888	-1.00
FAM210B	protein FAM210B	10 88195811 88205486	0.023011	1.20	0.042751	-1.30	0.164016	-1.15
ZCCHC17	zinc finger, CCHC domain containing 17	1 196669991 196727053	0.023011	1.17	0.933452	-1.02	0.190998	-1.12
CD55	complement decay-accelerating factor iso	1 65899277 65935555	0.023011	-1.26	0.500253	1.14	0.000063	-1.47
RBMS1	RNA-binding motif, single-stranded-inter	12 49004464 49219032	0.023011	-1.41	0.270569	1.35	0.908722	1.03
COX1	cytochrome c oxidase subunit I	MT 5858 7396	0.023022	-1.47	0.516100	-1.25	0.978457	1.01
LOC102139817	argininosuccinate synthase	15 83059777 83061015	0.023063	2.88	0.812988	-1.33	0.783827	-1.19
FYCO1	FYVE and coiled-coil domain-containing	2 100932906 100995879	0.023063	1.38	0.321296	1.29	0.844328	1.04
LOC107126569		10 81992149 81996705	0.023071	2.38	0.627047	1.54	0.176867	-2.00
KCTD14	BTB/POZ domain-containing protein KC	14 73352601 73359940	0.023076	-1.48	0.991951	1.01	0.723407	-1.09
LOC102129733		6 84966074 84968954	0.023098	-1.27	0.687321	-1.10	0.189428	-1.18
PRPF8	pre-mRNA-processing-splicing factor 8	16 1542596 1582089	0.023115	1.35	0.859712	-1.06	0.426847	1.14
ZNF550	zinc finger protein 550	19 58183265 58196227	0.023117	1.41	0.917974	1.04	0.294197	1.22
LOC102127867	uncharacterized protein LOC102127867	3 184589778 184590626	0.023117	-1.69	0.907411	-1.08	0.845309	-1.07
UBXN10	UBX domain-containing protein 10	1 208225583 208226425	0.023156	6.26	0.962754	1.13	0.549924	-1.91
C5H4orf19	uncharacterized protein C4orf19 homolog	5 37207149 37209299	0.023156	1.44	0.579805	-1.20	0.954433	1.02
SI00BP	S100P-binding protein isoform X2	1 195104234 195135520	0.023156	-1.19	0.882408	1.03	0.763667	1.03
SMC5	structural maintenance of chromosomes p	15 80995322 81097169	0.023173	-1.44	0.403167	1.29	0.195276	1.29
PGM5	phosphoglucomutase-like protein 5	15 79113922 79292157	0.023215	1.66	0.015539	2.24	0.800915	-1.08
DNAH11	dynein heavy chain 11, axonemal	3 98833732 99215579	0.023275	4.53	0.878397	-1.32	0.560487	-1.69
BACH2	transcription regulator protein BACH2 iso	4 83729319 84013975	0.023275	1.52	0.328141	1.39	0.719545	-1.10
SLC25A19	mitochondrial thiamine pyrophosphate car	16 72562300 72573917	0.023284	-1.53	0.281211	-1.45	0.481940	-1.19
P2RY13	P2Y purinoreceptor 13	2 53586515 53588053	0.023377	1.78	0.467846	1.43	0.475087	1.26
SCGB3A2	secretoglobin family 3A member 2	6 147125265 147128809	0.023379	4.10	0.965511	-1.09	0.940974	-1.08
LOC102126820	GRB2-related adapter protein isoform X4	16 19093840 19121822	0.023494	1.32	0.758185	-1.09	0.699559	1.07
VILL	villin-like protein	2 92870494 92884486	0.023511	1.76	0.068485	-2.07	0.880868	1.06
LOC102122175	olfactory receptor 5D13-like	14 17212435 17213379	0.023532	-2.70	0.001890	8.81	0.001507	-4.33
FEM1B	protein fem-1 homolog B isoform X1	7 45991545 46004465	0.023545	-1.30	0.135988	1.34	0.578715	1.09
LOC107131113	ras and Rab interactor 1-like	10 70421079 70452879	0.023603	2.26	0.979469	-1.03	0.349293	1.52
LOC102119746		5 82162141 82184301	0.023691	-4.11	0.249729	-3.68	0.095093	3.37
LPA	apolipoprotein(a) isoform X2	4 10128829 10354567	0.023729	3.62	0.514651	2.05	0.428880	-1.80
LOC102122444	putative dimethylalanine monoxygenase	1 29091879 29112587	0.023762	4.25	0.579239	2.24	0.738778	-1.40
PBX1	pre-B-cell leukemia transcription factor 1	1 22606322 22896426	0.023762	1.37	0.611813	1.16	0.285048	1.20
MBD2	methyl-CpG-binding domain protein 2	18 27315998 27381014	0.023762	-1.23	0.903173	-1.03	0.705491	-1.05
MRPL41	39S ribosomal protein L41, mitochondria	15 704794 705207	0.023762	-1.40	0.657995	-1.15	0.262852	-1.23
SLC25A36	solute carrier family 25 member 36	2 43092469 43127354	0.023817	-1.56	0.280299	1.47	0.374617	1.25
IFITM1	interferon-induced transmembrane protein	14 135969 136895	0.023826	1.39	0.282634	1.32	0.800883	1.05
HMBOX1	homeobox-containing protein 1 isoform X	8 29434960 29523370	0.023826	1.37	0.434569	1.24	0.716275	1.07
RPRML	reprimo-like protein	16 57595693 57596055	0.023909	4.11	0.055362	-5.15	0.003373	-3.52
LOC102118347	calponin-2	5 102993900 102994829	0.023909	1.44	0.486663	-1.25	0.210793	1.28
LOC107129575		4 139771653 139773849	0.023909	-1.90	0.367857	-1.63	0.427611	-1.35
ALPK2	alpha-protein kinase 2 isoform X2	18 21925400 22051406	0.023956	8.76	0.917946	-1.23	0.245584	2.62
MAEA	macrophage erythroblast attachment isoform	5 12907112 1339702	0.024025	-1.10	0.549857	-1.05	0.613472	-1.03
TXNL1	thioredoxin-like protein 1 isoform X2	18 23937247 23974806	0.024025	-1.26	0.729007	-1.08	0.703222	1.05
OTUD6B	OTU domain-containing protein 6B isofo	8 92232931 92271765	0.024025	-1.70	0.114284	1.86	0.722817	1.12
ZBTB7C	zinc finger and BTB domain-containing p	18 33661339 33820647	0.024043	1.80	0.221333	1.77	0.583896	-1.21
CEP85L	centrosomal protein of 85 kDa-like isoform	4 22452381 22629745	0.024087	1.48	0.878397	1.07	0.360295	1.23
IRF1	interferon regulatory factor 1	6 131474545 131480115	0.024169	1.39	0.987676	-1.01	0.018273	1.45
DDX60L	probable ATP-dependent RNA helicase D	5 167598782 167709491	0.024169	-1.42	0.560583	1.20	0.811482	1.06
GBE1	1,4-alpha-glucan-branching enzyme isofo	2 186377700 186639270	0.024177	-1.40	0.925617	1.04	0.616339	1.11

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
LOC102128090	collagen alpha-1(III) chain-like	18 74081503 74082474	0.024224	-5.16	0.915207	1.19	0.682835	-1.46
NLRCS5	protein NLRCS5 isoform X1	20 45050480 45109458	0.024257	1.25	0.659797	1.10	0.009380	1.31
UNC45A	protein unc-45 homolog A isoform X2	0 12081 30926	0.024272	1.24	0.967949	1.01	0.835898	-1.03
COMTD1	uncharacterized protein LOC101867290	9 60346633 60348441	0.024272	-1.46	0.352060	-1.34	0.783297	-1.07
ANO3	anoctamin-3 isoform X4	14 40837701 41311576	0.024278	1.94	0.686010	1.29	0.478421	1.30
RNF138	E3 ubiquitin-protein ligase RNF138 isoform X1	18 50104966 50141371	0.024278	-1.72	0.143813	1.82	0.570577	1.20
PTAR1	protein prenilyltransferase alpha subunit repeat domain-containing protein	15 80458491 80499923	0.024353	-1.60	0.212951	1.58	0.488383	1.21
PCDH7	protocadherin-7 isoform X1	5 30207457 30637732	0.024361	1.55	0.152241	1.60	0.161631	1.38
ANKRD49	ankyrin repeat domain-containing protein	14 90345600 90347431	0.024482	-1.31	0.383687	1.22	0.483611	1.12
KIAA1324	KIAA1324 ortholog	1 117562082 117649367	0.024501	2.75	0.956039	1.08	0.363142	-1.67
JKAMP	JNK1/MAPK8-associated membrane protein	7 123774786 123795854	0.024501	-1.30	0.044771	1.45	0.039889	1.31
SLC22A23	solute carrier family 22 member 23 isoform X1	4 167630170 167819219	0.024538	1.47	0.243410	-1.43	0.007774	-1.61
FTH1	uncharacterized protein LOC101926130	14 12247662 12250434	0.024543	-1.69	0.513010	-1.36	0.896263	-1.05
ENPP3	ectonucleotide pyrophosphatase/phosphodiesterase 3 isoform X1	4 35822200 35918692	0.024577	3.07	0.782247	1.38	0.400798	1.69
AMBRA1	activating molecule in BECN1-regulated autophagy	14 21036206 21192280	0.024597	1.17	0.763801	-1.05	0.826530	-1.02
C3H7orf57	uncharacterized protein C7orf57 homolog	3 72544091 72571691	0.024620	4.52	0.975216	-1.07	0.165343	-3.32
ZNF285	zinc finger protein 285 isoform X1	19 45085785 45099608	0.024620	1.39	0.021021	1.63	0.417480	-1.16
DENND1B	DENN domain-containing protein 1B isoform X1	1 55784836 56079282	0.024620	-1.69	0.485680	1.37	0.418405	1.27
LOC101867330	uncharacterized protein LOC101867330	17 59812395 59813417	0.024620	-1.91	0.995190	-1.00	0.655711	1.19
LOC102143237	ERV-BabFenv provirus ancestral Env protein	3 133653626 133655302	0.024687	-1.54	0.141819	-1.63	0.955365	-1.02
FMOD	fibromodulin	1 61811950 61817944	0.024716	1.46	0.008569	1.91	0.554182	1.14
INTS9	integrator complex subunit 9	8 29229322 29356493	0.024822	1.22	0.001635	-1.47	0.789512	-1.03
TMEM9B	transmembrane protein 9B isoform X1	14 58872415 58887968	0.024890	-1.20	0.226211	1.19	0.643844	1.05
PRKRA	interferon-inducible double-stranded RNA-dependent protein kinase	12 67424478 67444330	0.024918	-1.34	0.154184	-1.37	0.146750	1.25
SOGA1	protein SOGA1	10 68361765 68422449	0.025024	1.64	0.688158	1.21	0.183820	1.42
SPIN4	spindlin-4	X 60029387 60030136	0.025024	-1.62	0.277925	1.52	0.285501	1.33
LOC102115346	uncharacterized protein LOC102115346	3 175398715 175406204	0.025110	2.26	0.911867	-1.11	0.740794	1.17
IRF4	interferon regulatory factor 4 isoform X2	4 170681531 170695261	0.025110	2.06	0.204623	-2.02	0.003373	2.58
CDH23	cadherin-23 isoform X2	9 63825763 64206925	0.025110	1.58	0.410659	-1.38	0.676952	1.12
ABCC4	multidrug resistance-associated protein 4 isoform X1	17 77633902 77932627	0.025165	-1.34	0.794925	1.09	0.663130	1.08
LOC102122348	bile salt-activated lipase isoform X1	15 5716681 5726719	0.025215	3.79	0.694214	1.65	0.083435	-3.23
TEX30	testis-expressed sequence 30 protein isoform X1	17 85334720 85338344	0.025272	-1.29	0.476392	1.17	0.904662	1.02
DNAJC24	dnaJ homolog subfamily C member 24 isoform X1	14 36006735 36062551	0.025304	-1.37	0.344528	1.28	0.000030	1.73
LOC102136641	uncharacterized protein LOC102136641	15 4617457 4623441	0.025359	1.44	0.311424	-1.36	0.832835	1.05
LOC102176733	uncharacterized protein LOC102176733	11 68012273 68036669	0.025373	-2.53	0.197066	-2.50	0.009188	-3.11
ITPR1P	inositol trisphosphate receptor type 1 protein	9 103394029 103417589	0.025408	1.54	0.808166	-1.12	0.643624	1.13
ABCC3	canalicular multispecific organic anion transporter 3	16 36036665 36095696	0.025408	1.35	0.005107	-1.72	0.000062	-1.66
TRMT1L	TRMT1-like protein	1 43067609 43105214	0.025408	-1.32	0.661762	1.12	0.154974	1.23
FARSB	phenylalanine--tRNA ligase beta subunit isoform X1	12 112320202 112403193	0.025408	-1.59	0.645472	1.23	0.658838	1.13
NDUFAF5	NADH dehydrogenase [ubiquinone] 1 alpha subfamily 5 isoform X1	10 48654850 48690345	0.025454	-1.46	0.692301	1.16	0.708026	-1.09
SAC3D1	SAC3 domain-containing protein 1	14 9494548 9498542	0.025454	-1.47	0.001026	-2.22	0.853003	1.05
SCGB3A1	secretoglobin family 3A member 1	6 180618958 180620333	0.025490	12.83	0.923518	1.36	0.483817	-2.80
CIQTNF3	complement C1q tumor necrosis factor receptor 3	6 34756722 34779532	0.025490	3.10	0.365239	2.19	0.460321	1.53
C15H9orf72	protein C9orf72 homolog isoform X1	15 51211868 51231527	0.025505	-1.59	0.847652	1.11	0.911428	1.04
LOC102133503	uncharacterized protein LOC102133503	10 27642405 27653167	0.025505	-2.11	0.639418	-1.39	0.096016	-1.89
COG5	conserved oligomeric Golgi complex subunit 5	3 139676933 140039540	0.025510	-1.30	0.791391	1.08	0.043496	1.30
LOC102117863	cystathionine gamma-lyase	0 1077 6373	0.025510	-2.08	0.666384	1.36	0.501591	1.32
PTGER2	prostaglandin E2 receptor EP2 subtype isoform X1	7 116443212 116456168	0.025570	-1.76	0.889627	1.10	0.923819	-1.04
SCUBE2	signal peptide, CUB and EGF-like domain-containing protein 2	14 58756536 58821682	0.025590	1.49	0.991268	-1.01	0.502436	-1.17
HERC2	E3 ubiquitin-protein ligase HERC2 isoform X1	7 6106196 6338224	0.025590	1.17	0.965755	-1.01	0.751553	-1.03
U2SURP	U2 snRNP-associated SURP motif-containing protein 1	2 45123798 45176587	0.025590	-1.29	0.335125	1.22	0.553696	1.09
HTATSF1	HIV Tat-specific factor 1	X 133265740 133280444	0.025691	1.22	0.999858	-1.00	0.958012	1.01
DNAH2	dynein heavy chain 2, axonemal	16 7805156 7935717	0.025748	4.65	0.912465	-1.25	0.522201	-1.80
ZNF713	zinc finger protein 713 isoform X2	3 64322680 64350523	0.025872	1.65	0.909845	-1.07	0.186344	1.43
APRT	adenine phosphoribosyltransferase isoform X1	20 77249386 77251669	0.025872	-1.43	0.990598	-1.01	0.788063	-1.06
CHST13	carbohydrate sulfotransferase 13	2 145782652 145799373	0.025876	-2.42	0.795938	-1.29	0.870532	1.10
MRPL35	39S ribosomal protein L35, mitochondrial	13 23214657 23226894	0.025974	-1.26	0.821157	1.06	0.819389	1.03
DCAF4L1	DDB1- and CUL4-associated factor 4-like protein 1	5 41733933 41735123	0.026105	-1.69	0.024114	2.53	0.375862	1.33
COL14A1	collagen alpha-1(XIV) chain isoform X1	8 121420924 121649496	0.026112	1.64	0.984500	1.01	0.555846	-1.19
TMEM165	transmembrane protein 165 isoform X1	5 79056427 79086325	0.026144	-1.59	0.344883	1.44	0.989847	1.00
BEGAIN	brain-enriched guanylate kinase-associated protein 1	7 165753122 165784203	0.026201	2.14	0.991856	1.01	0.464788	1.39
CNNM2	metal transporter CNNM2 isoform X1	9 101953925 102121920	0.026211	1.29	0.149587	-1.31	0.779212	-1.05
LTA	lymphotoxin-alpha	4 139308157 139309105	0.026218	1.82	0.411140	-1.58	0.492094	1.28
VSTM1	V-set and transmembrane domain-containing protein 1	19 54906649 54915019	0.026240	4.36	0.476285	-2.60	0.905755	1.12
LOC102115786	uncharacterized protein LOC102115786	14 37013520 37073000	0.026283	17.54	0.060803	-44.25	0.005452	38.07
ZKSCAN7	LOW QUALITY PROTEIN: zinc finger protein 7	2 99550211 99564319	0.026364	1.50	0.197816	1.49	0.561082	1.15
DNAJB1	dnaJ homolog subfamily B member 1 isoform X1	19 14906849 14910142	0.026530	1.32	0.029284	1.52	0.239377	-1.20
TK2	thymidine kinase 2, mitochondrial	20 54615958 54653721	0.026583	1.29	0.760313	1.08	0.882138	-1.03
AARD	alanine and arginine-rich domain-containing protein 1	8 118196436 118200921	0.026638	-2.63	0.252132	-2.43	0.926487	-1.06
MED24	mediator of RNA polymerase II transcript II subunit 24	16 51635683 51674518	0.026648	1.22	0.918417	-1.03	0.600978	-1.06
METTL15	probable methyltransferase-like protein 15	14 38937779 39372298	0.026648	-1.29	0.985151	1.01	0.263693	1.17
WSCD1	WSC domain-containing protein 1	16 6101743 6143375	0.026831	1.98	0.600009	1.40	0.817276	-1.11
EYA4	eyes absent homolog 4 isoform X2	4 37482085 37725117	0.026845	4.56	0.009186	16.09	0.084933	-3.87
GLS	glutaminase kidney isoform, mitochondrial	12 80134652 80218796	0.026845	-1.54	0.311375	1.43	0.930758	1.03
ZNF654	zinc finger protein 654 isoform X2	2 180030306 180110401	0.026951	-1.66	0.416697	1.42	0.355333	1.30
CCDC34	coiled-coil domain-containing protein 34	14 40134269 40158686	0.027008	-1.37	0.982409	-1.01	0.987187	1.00
ZMYM6	zinc finger MYM-type protein 6 isoform X1	1 192893015 192941423	0.027025	-1.28	0.389595	1.20	0.220754	1.19
C2H3orf58	deleted in autism protein 1	2 46189042 46212453	0.027212	-1.85	0.276031	1.72	0.320969	1.41
LOC102119724	uncharacterized protein LOC102119724	11 136913591 136916806	0.027239	-5.69	0.895774	1.34	0.000415	-15.12
KCNAB3	voltage-gated potassium channel subunit beta 3	16 8030478 8037655	0.027399	1.95	0.961968	1.05	0.070832	-1.86
FAM57A	protein FAM57A isoform X1	16 545456 554094	0.027481	-1.47	0.466181	-1.28	0.756290	1.08
ARL2BP	ADP-ribosylation factor-like protein 2-binding protein 2	20 45273212 45280692	0.027530	-1.23	0.236459	1.22	0.804393	-1.03
GF2H2	general transcription factor IIH subunit 2 isoform X1	6 69416970 69446502	0.027544	-1.31	0.086294	1.41	0.731519	-1.06
DAW1	dynein assembly factor with WDR repeat domain-containing protein 1	12 117667776 117725555	0.027606	3.24	0.600597	1.88	0.895403	-1.12
TLL2	tolloid-like protein 2 isoform X2	9 95073198 95218742	0.027606	2.24	1.000000	-1.00	0.287784	-1.63
KAT7	histone acetyltransferase KAT7 isoform X1	16 35181559 35222859	0.027606	1.21	0.434747	-1.14	0.641767	1.05
LOC102124525	uncharacterized protein LOC102124525	16 43500249 43514896	0.027606	-1.28	0.530150	1.15	0.545004	-1.09

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
MFN1	mitofusin-1 isoform X1	2 83825395 83867389	0.027606	-1.36	0.703626	1.12	0.743212	1.06
TTC16	tetratricopeptide repeat protein 16	15 101039683 101056131	0.027619	2.75	0.894311	-1.18	0.200339	-2.05
XKR7	XK-related protein 7	10 63296740 63324060	0.027821	1.97	0.211777	-1.98	0.559082	-1.26
CCR7	chemokine (C-C motif) receptor 7 precurs	16 52204193 52214864	0.027877	2.04	0.395337	-1.69	0.329512	1.49
RPRD2	regulation of nuclear pre-mRNA domain-	1 101600008 101717206	0.027929	1.23	0.970917	-1.01	0.241016	1.15
ARHGAP35	rho GTPase-activating protein 35 isoform	19 47678904 47773125	0.027940	1.35	0.483206	-1.20	0.377776	-1.16
UHRF2	E3 ubiquitin-protein ligase UHRF2 isofo	15 72493102 72594440	0.027940	-1.33	0.874543	1.06	0.960110	-1.01
LOC102141118		18 23045106 23052301	0.027940	-2.67	0.987179	1.02	0.750964	1.22
ATG13	autophagy-related protein 13 isoform X5	14 20903775 20933375	0.027984	1.20	0.293733	-1.17	0.948774	1.01
RCAN1	LOW QUALITY PROTEIN: calcipressin	3 12253812 12261315	0.027984	-1.53	0.458135	1.32	0.817975	-1.07
CLEC1A	C-type lectin domain family 1 member A	11 10410660 10438996	0.027991	1.67	0.228809	1.65	0.661156	1.15
KHNYN	protein KHNYN isoform X2	7 88211670 88225550	0.027991	1.24	0.968876	-1.01	0.693697	-1.05
ATF3	cyclic AMP-dependent transcription facto	1 71206488 71211006	0.028118	1.61	0.899803	1.08	0.007913	-1.82
LOC107127331	basic proline-rich protein-like	14 103672 105871	0.028285	1.98	0.901660	1.11	0.268498	-1.59
8-Mar	#N/A	#N/A	0.028285	1.24	0.387726	-1.17	0.418257	1.11
PTPRA	receptor-type tyrosine-protein phosphatase	10 59473623 59591221	0.028285	1.19	0.830080	1.04	0.703385	-1.04
GEMIN2	gem-associated protein 2 isoform X1	7 103097337 103120046	0.028285	-1.24	0.828194	1.06	0.816854	1.03
SLC35A1	CMP-sialic acid transporter isoform X2	4 86416584 86443075	0.028285	-1.34	0.400284	-1.23	0.583858	-1.10
ZNF280D		7 33725459 33824569	0.028285	-1.50	0.624435	1.21	0.464074	1.19
ANKRD66	LOW QUALITY PROTEIN: ankyrin rep	4 123785243 123797148	0.028291	8.16	0.979974	1.08	0.492134	-2.40
ADCY2	adenylate cyclase type 2	6 7374937 7798887	0.028326	2.02	0.173670	2.23	0.26408	-1.57
NSD1	histone-lysine N-methyltransferase, H3 ly	6 176936623 177112330	0.028326	1.19	0.619074	-1.09	0.563394	1.06
CPB1	carboxypeptidase B	2 51044843 51076282	0.028498	7.38	0.156802	-12.46	0.300901	-3.43
SLIT2	slit homolog 2 protein isoform X1	5 19409420 19777628	0.028498	1.70	0.197807	1.71	0.885010	1.05
LOC107129652		5 1177498 1180662	0.028514	5.18	0.927990	-1.27	0.549866	-1.87
LOC102130893		6 43611497 43614558	0.028514	2.41	0.229333	2.32	0.603356	-1.32
PDK2	pyruvate dehydrogenase kinase, isozyme 2	16 35487501 35501834	0.028514	1.52	0.327427	-1.40	0.437127	-1.21
LOC102119202	protein phosphatase 1 regulatory inhibitor	10 70524515 70537190	0.028514	1.44	0.927196	-1.04	0.498446	1.16
CMSS1	protein CMSS1 isoform X2	2 171969012 172341797	0.028514	-1.39	0.581917	-1.19	0.293571	1.22
HELLS	lymphoid-specific helicase isoform X1	9 93107702 93161689	0.028514	-1.92	0.907374	-1.10	0.476279	1.31
SGPP1	sphingosine-1-phosphate phosphatase 1	7 128032140 12807921	0.028571	-1.71	0.103687	1.92	0.254535	1.41
EIF2AK1	eukaryotic translation initiation factor 2- α	3 41296933 41339389	0.028585	1.30	0.001123	-1.72	0.577203	1.09
CFAP99	cilia- and flagella-associated protein 99	5 2439957 2475882	0.028604	2.18	0.582730	-1.55	0.883749	-1.09
DNAJC19	mitochondrial import inner membrane tra	2 85582431 85587223	0.028640	-1.21	0.804397	1.05	0.609575	-1.06
EVA1A	protein eva-1 homolog A	13 34341732 34365711	0.028640	-1.46	0.415212	-1.30	0.294069	-1.25
SPAST	spastin isoform X2	13 78574217 78661061	0.028703	-1.53	0.150284	1.61	0.444160	1.21
LOC102131934	uncharacterized protein LOC102131934 i	7 118168418 118169092	0.028723	2.41	0.615213	1.52	0.802997	1.16
RCOR3	REST corepressor 3 isoform X1	1 69822193 69882739	0.028723	-1.38	0.273590	1.34	0.455836	1.15
LOC102128509	kelch repeat and BTB domain-containing	17 20373203 20375227	0.028723	-1.42	0.200018	1.42	0.021826	1.48
LMFIC	myoD family inhibitor domain-containing	3 147444474 147533484	0.028747	-1.71	0.363395	1.51	0.594099	1.19
LMOD2	leiomodin-2	3 156465300 156473014	0.028916	20.37	1.000000	-6.05	0.531445	-3.28
KIF27	kinesin-like protein KIF27 isoform X1	15 94644577 94721659	0.028995	1.59	0.895927	1.08	0.944041	-1.02
TRAF7	E3 ubiquitin-protein ligase TRAF7 isofo	20 2238914 2251750	0.029006	1.14	0.060818	-1.20	0.726581	-1.03
MBD4	methyl-CpG-binding domain protein 4 iso	11 87725492 87734479	0.029053	-1.13	0.593152	-1.07	0.005628	1.18
GZF1	GDNF-inducible zinc finger protein 1 iso	10 38896046 38902085	0.029080	-1.28	0.452878	1.18	0.365891	1.14
NOS2	nitric oxide synthase, inducible	16 23954421 23995815	0.029096	2.21	0.795840	1.25	0.703160	1.20
SPAG8		15 43297775 43300300	0.029159	2.28	0.473421	-1.72	0.350078	-1.58
SIPAIL2	signal-induced proliferation-associated 1-	1 17059821 17174703	0.029159	1.40	0.088237	1.52	0.764306	1.07
TFPI2	tissue factor pathway inhibitor 2	3 118091958 118095895	0.029159	-4.64	0.913958	1.23	0.215363	-2.87
GLI1	zinc finger protein GLI1	11 56444265 56452584	0.029288	1.82	0.278050	1.70	0.867281	1.07
USP2	ubiquitin carboxyl-terminal hydrolase 2 is	14 115395805 115418031	0.029355	2.09	0.931756	-1.09	0.350770	-1.48
LOC102122532	putative V-set and immunoglobulin doma	0 621603 623586	0.029355	2.80	0.451398	1.92	0.830479	1.14
LOC102142225	Ig heavy chain V-III region 23-like	0 781424 799944	0.029358	3.22	0.842663	-1.30	0.607043	1.43
PLB1	phospholipase B1, membrane-associated	13 82172051 82272658	0.029358	1.83	0.298899	1.73	0.467078	-1.26
IL1A	interleukin-1 alpha isoform X1	13 16914399 16922939	0.029358	-1.78	0.084996	-2.08	0.882032	1.06
SDC1	syndecan-1 isoform X1	13 90784056 90807434	0.029369	-1.49	0.810316	1.11	0.730263	1.09
BIRC2	baculoviral IAP repeat-containing protein	14 98275454 98297870	0.029394	-1.25	0.352499	1.19	0.561590	1.08
ALMS1	Alstrom syndrome protein 1 isoform X4	13 36241317 36463165	0.029404	1.20	0.912061	1.03	0.977183	-1.00
SLC35F5	solute carrier family 35 member F5 isofo	12 18529864 18567421	0.029469	-1.52	0.884756	1.08	0.897158	1.04
MET	hepatocyte growth factor receptor	3 149219455 149310516	0.029523	1.47	0.621569	1.20	0.402860	-1.20
NPTX2	neuronal pentraxin-2	3 42845420 42856925	0.029608	1.97	0.015165	3.79	0.632955	1.23
EMC2	ER membrane protein complex subunit 2	8 109549277 109598408	0.029608	-1.28	0.979469	1.01	0.952415	-1.01
LOC102130792		7 117519314 117522891	0.029789	8.74	0.542210	3.14	0.692029	-1.52
TOR1AIP2	torsin-1A-interacting protein 2	1 37798627 37806782	0.029800	-1.23	0.011909	1.43	0.872020	1.02
ZNF415	zinc finger protein 415 isoform X1	19 53921581 53938390	0.029812	1.29	0.052870	1.43	0.983376	-1.00
R3HDM2	R3H domain-containing protein 2 isoform	11 56215082 56275032	0.029828	1.23	0.831558	-1.05	0.605452	-1.07
DDAH1	N(G),N(G)-dimethylarginine dimethylam	1 141674598 141927133	0.029828	-1.32	0.741002	1.10	0.660853	1.08
ASS1	argininosuccinate synthase	15 8553021 8602835	0.029829	1.94	0.590391	1.41	0.464587	-1.33
SOC6	suppressor of cytokine signaling 6	18 9780447 9782054	0.029868	-1.52	0.613389	1.22	0.878517	-1.04
ITH5	inter-alpha-trypsin inhibitor heavy chain I	9 7877842 7980730	0.029896	1.58	0.371859	1.41	0.716275	-1.11
INO80D	INO80 complex subunit D isoform X1	12 95578708 95665099	0.029900	-1.41	0.602229	1.18	0.799286	-1.06
AEBP1	adipocyte enhancer-binding protein 1 isof	3 76403949 76413654	0.029927	1.54	0.996370	1.00	0.922429	1.03
VPS26A		9 66526949 66579895	0.029927	-1.33	0.383632	1.24	0.925824	1.02
LOC102137598	putative pregnancy-specific beta-1-glycop	19 43211925 43226464	0.029927	-15.10	1.000000	6.13	0.773473	-1.54
PABPC4L	LOW QUALITY PROTEIN: polyadenyla	5 133343920 133345083	0.029972	1.65	0.947723	1.05	0.058921	1.60
WBP5	WW domain-binding protein 5	X 100184125 100184442	0.029995	-1.24	0.825364	1.05	0.764960	1.04
SREK1	splicing regulatory glutamine/lysine-rich p	6 66000048 66033639	0.029995	-1.46	0.669107	1.17	0.799557	1.07
CCR3	C-C chemokine receptor type 3	2 101275794 101276861	0.029995	1.81	0.993973	1.01	0.572400	1.22
WBP4	WW domain-binding protein 4	17 20311035 20334752	0.030058	-1.17	0.851061	1.04	0.263672	1.11
INO80	DNA helicase INO80 isoform X3	7 17866524 17986278	0.030068	1.21	0.925333	-1.02	0.867171	1.02
FMO5	dimethylaniline monooxygenase [N-oxide	1 103930446 103952716	0.030068	-1.34	0.931512	1.03	0.036772	1.36
ZNF639	zinc finger protein 639	2 83807452 83813661	0.030068	-1.35	0.086736	1.47	0.507061	1.13
CTEN2	uncharacterized protein LOC101866726	X 149836838 149839712	0.030068	-1.46	0.238299	-1.44	0.225169	-1.29
LOC102133992		1 199568110 199571849	0.030068	-1.47	0.777430	-1.13	0.458277	-1.19
LOC107130375	T-cell receptor alpha chain V region 2B4-	7 85861552 85862119	0.030197	11.36	0.226421	-9.00	0.841149	1.29
FBXO15	F-box only protein 15 isoform X1	18 5981815 6057908	0.030383	2.95	0.857191	-1.27	0.689659	-1.33
SLC47A2	multidrug and toxin extrusion protein 2	16 19652324 19686152	0.030394	3.13	0.802001	1.37	0.284939	-2.04

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
KIF9	kinesin-like protein KIF9 isoform X3	2 102253423 102308559	0.030394	1.34	0.568994	1.17	0.121725	-1.28
ACTR3B	actin-related protein 3B isoform X1	3 185487739 185587227	0.030394	-1.30	0.772749	-1.08	0.585558	-1.09
BORCS7	UPF0693 protein C10orf32 homolog	9 101890213 101900453	0.030395	-1.42	0.233307	1.41	0.684166	1.09
LRRC31	leucine-rich repeat-containing protein 31 isoform X1	2 74035700 74066594	0.030404	10.71	0.204961	9.45	0.764306	-1.42
BARX1	homeobox protein BarH-like 1	15 107998744 107999537	0.030404	8.40	1.000000	1.56	0.975276	-1.04
XIRP2	xin actin-binding repeat-containing protein 2	12 55781577 56125865	0.030404	-3.42	0.904486	-1.20	0.028728	-3.71
LOC102117865	asialoglycoprotein receptor 2-like	0 3320 4063	0.030410	16.84	1.000000	-11.70	0.589702	-2.25
PTPN4	tyrosine-protein phosphatase non-receptor type 4	12 12187237 12473056	0.030453	-1.41	0.250488	1.38	0.419175	1.18
SHMT1	serine hydroxymethyltransferase, cytosolic	16 18675537 18705981	0.030453	-1.49	0.653994	1.19	0.599303	-1.14
HINT3	histidine triad nucleotide-binding protein 3	4 30033290 30055145	0.030567	-1.43	0.456518	1.26	0.521956	1.15
RABGGTB	geranylgeranyl transferase type-2 subunit gamma	1 151481116 151489655	0.030596	-1.39	0.988314	1.01	0.742241	-1.07
COL20A1	LOW QUALITY PROTEIN: collagen alpha 2(I) chain	10 95481495 95518641	0.030613	2.81	0.099882	3.65	0.063184	-2.88
FNDC5	fibronectin type III domain-containing protein 5	1 195091561 195096177	0.030665	1.73	0.979788	-1.02	0.121824	1.54
ARMC4	armadillo repeat-containing protein 4 isoform X1	9 28189684 28382921	0.030875	4.62	0.995062	-1.01	0.534756	-1.82
MDC1	mediator of DNA damage checkpoint protein 1	4 140249068 140263483	0.030920	1.23	0.566538	1.12	0.563120	1.08
TEAD4	transcriptional enhancer factor TEF-3 isoform X1	11 3186517 3237607	0.030930	1.45	0.251526	1.42	0.293671	-1.25
BCL11A	B-cell lymphoma/leukemia 11A isoform X1	13 49582471 49682547	0.030935	1.53	0.214233	-1.52	0.258108	1.31
ZNF451	zinc finger protein 451 isoform X2	4 113488296 113568759	0.030935	-1.26	0.327647	1.21	0.757686	1.05
ADD1	alpha-adducin isoform X1	5 2956085 3013609	0.030987	1.14	0.778099	1.04	0.583146	1.09
FAM131C	protein FAM131C	1 212335852 212354852	0.031024	6.15	0.912891	1.18	0.120509	-2.89
TSPAN11	tetraspanin-11 isoform X1	11 31677856 31715880	0.031029	1.51	0.811777	1.12	0.965303	-1.01
UBR4	E3 ubiquitin-protein ligase UBR4 isoform X1	1 209221838 209362271	0.031029	1.16	0.525333	-1.09	0.178740	-1.11
PLEKHM2	pleckstrin homology domain-containing protein 2	1 212710826 212724635	0.031029	-1.25	0.187458	-1.26	0.174843	-1.18
LOC102132758	putative 60S ribosomal protein L32'	11 87769488 87780382	0.031059	1.39	0.232822	-1.38	0.057620	-1.38
PTK7	inactive tyrosine-protein kinase 7 isoform X1	4 127415088 127498524	0.031059	1.27	0.440094	-1.17	0.300790	1.15
CFAP61	cilia- and flagella-associated protein 61 isoform X1	10 41925618 42212293	0.031088	2.85	0.912161	-1.18	0.462644	-1.62
PCLO	protein piccolo isoform X1	3 128932708 129333839	0.031169	3.40	0.510870	1.99	0.010523	4.48
CAMK1D	calcium/calmodulin-dependent protein kinase 1 delta	9 12810151 13300454	0.031169	1.49	0.926890	-1.05	0.768168	-1.08
PTBP2	polypyrimidine tract-binding protein 2 isoform X1	1 130076511 130168805	0.031169	-1.57	0.671579	1.21	0.642531	-1.14
CXHXorf23	uncharacterized protein CXorf23 homolog	X 17820944 17870234	0.031208	-1.29	0.754553	1.09	0.948266	1.01
ENPP1	ectonucleotide pyrophosphatase/phosphodiesterase 1	4 35980298 36060971	0.031315	-1.91	0.081023	2.31	0.897158	-1.06
PACRG	parkin coregulated gene protein isoform X1	4 7611757 8187927	0.031344	3.52	0.360379	2.90	0.278711	-2.25
SPATS2L	SPATS2-like protein isoform X2	12 89511632 89679907	0.031344	-1.15	0.025220	1.25	0.415815	1.07
ADAL	adenosine deaminase-like protein isoform X1	7 20315880 20344605	0.031344	-1.30	0.924840	1.03	0.471239	-1.12
TTL6	tubulin polyglutamylase TTL6 isoform X1	16 34123422 34173039	0.031365	6.18	0.754553	-1.86	0.215272	-3.66
NAV3	neuron navigator 3 isoform X6	11 76774791 77416767	0.031365	1.57	0.596937	-1.25	0.039541	1.58
LOC102126003	succinate dehydrogenase [ubiquinone] flavin subunit SDHB	6 154 8836	0.031365	1.21	0.389580	-1.15	0.287609	-1.12
FOXN2	forkhead box protein N2	13 61903124 61933038	0.031365	-1.65	0.141146	1.78	0.235866	1.40
LOC102146524	serine/threonine-protein kinase/endoribonuclease 1	20 22629833 22640932	0.031385	5.67	0.762774	-1.76	0.697533	-1.49
LRRC47	leucine-rich repeat-containing protein 47	1 224666139 224682044	0.031474	1.20	0.711897	-1.07	0.618486	-1.06
PTEN	phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase	9 86418209 86518800	0.031474	-1.38	0.385542	1.27	0.222323	1.25
TP53RK	uncharacterized protein LOC101865330	10 78377231 78380146	0.031485	-1.35	0.766087	1.10	0.889805	-1.03
CEMP1	cell migration-inducing and hyaluronan-binding protein 1	7 59373296 59449044	0.031601	-2.27	0.561398	-1.57	0.970631	1.02
LRRC43	leucine-rich repeat-containing protein 43 isoform X1	11 126387055 126409405	0.031684	2.01	0.668957	-1.38	0.740234	-1.17
VPS50	syndetin	3 118617697 118735131	0.031758	-1.29	0.173609	1.31	0.394589	1.13
PDE12	2',5'-phosphodiesterase 12 isoform X2	2 112871067 112880133	0.031781	-1.70	0.314120	1.57	0.886510	1.05
KIT	mast/stem cell growth factor receptor Kit	5 79750428 79839821	0.031788	2.38	0.559823	1.61	0.201183	1.86
LOC102134848	uncharacterized protein LOC102134848	14 32299132 32302778	0.031813	-2.64	0.273731	-2.48	0.422753	-1.60
MAP7D3	MAP7 domain-containing protein 3 isoform X1	X 132991841 133024166	0.031894	1.29	0.876217	1.05	0.384458	1.14
ERO1B	ERO1-like protein beta isoform X1	1 13180415 13246282	0.031894	-1.32	0.176558	1.34	0.428173	1.14
C2CD4C	C2 calcium-dependent domain-containing protein 4	19 143451 145484	0.031894	-2.27	0.579401	-1.60	0.005738	3.15
APOBEC3B	LOW QUALITY PROTEIN: DNA dC->dU deaminase 3B	10 12227596 12237960	0.031894	-2.31	0.551390	-1.60	0.927851	-1.06
FRRS1	ferric-chelate reductase 1	1 127101055 127142950	0.031965	-1.37	0.747199	1.11	0.229821	1.24
LOC102119459	liprin-beta-1 isoform X1	11 28284138 28381187	0.032052	1.40	0.039842	1.65	0.711820	1.08
CHRNE	acetylcholine receptor subunit epsilon isoform X1	16 4956126 4977935	0.032078	-1.91	0.076493	-2.32	0.814219	-1.10
PRDX5	peroxiredoxin-5, mitochondrial isoform X1	14 10228299 10232514	0.032099	-1.29	0.993918	1.00	0.009188	-1.38
MARK4	MAP/microtubule affinity-regulating kinase 4	19 46029274 46081765	0.032132	1.23	0.587096	-1.11	0.959218	-1.01
ZNF256	zinc finger protein 256 isoform X2	19 58540803 58546839	0.032300	1.35	0.432985	-1.23	0.871016	-1.03
LOC102136025	60S ribosomal protein L39	10 8441389 8441544	0.032367	3.40	0.711576	-1.59	0.450982	-1.68
LOC107129116	uncharacterized protein LOC107129116	3 45639284 45641124	0.032394	-1.49	0.486457	-1.29	0.505954	1.17
TMEM189	uncharacterized protein LOC101866901	10 81930356 81959897	0.032401	-1.37	0.723506	1.13	0.296251	-1.21
VAT1L	synaptic vesicle membrane protein VAT-1	20 66049924 66240802	0.032448	3.05	0.124286	3.77	0.493383	-1.57
CELSR1	cadherin EGF LAG seven-pass G-type receptor 1	10 4389461 4576375	0.032448	1.50	0.602828	-1.22	0.829031	-1.06
DAD1	dolichyl-diphosphooligosaccharide-protein transferase 1	7 86252712 86265801	0.032448	-1.26	0.828139	-1.06	0.848190	-1.03
FCRL4	Fc receptor-like protein 4	1 94123036 94146200	0.032576	4.80	0.686938	-1.92	0.965303	-1.05
NDUFC2	NADH dehydrogenase [ubiquinone] 1 subunit ND6	14 73413942 73423910	0.032601	-1.28	0.864138	-1.05	0.868452	-1.03
SPECC1L	cytospin-A isoform X6	10 27630612 27739252	0.032705	1.34	0.991033	1.00	0.920994	-1.02
DZIP1	zinc finger protein DZIP1 isoform X8	17 78229926 78289859	0.032748	1.41	0.342041	1.32	0.027171	1.46
AMDHD1	probable imidazolepropiolnase	11 99640576 99662951	0.032759	-2.36	0.987179	-1.02	0.811811	1.15
CCDC33	coiled-coil domain-containing protein 33	7 52259976 52362200	0.032779	4.30	0.740112	-1.76	0.337462	-2.33
SERTAD2	SERTA domain-containing protein 2 isoform X1	13 45332750 45366360	0.032779	-1.18	0.578287	-1.09	0.151867	1.14
CD163	scavenger receptor cysteine-rich type 1 protein MRC1	11 7900625 7926664	0.032779	-2.11	0.999136	1.00	0.590712	1.28
CCDC74B	LOW QUALITY PROTEIN: coiled-coil domain-containing protein 74B	12 1447068 1452970	0.032810	3.52	0.578287	-1.99	0.607043	-1.50
ATP8B1	phospholipid-transporting ATPase 1C isoform X1	18 22840184 22925522	0.032826	1.43	0.735662	-1.14	0.054009	1.44
CHP2	calcineurin B homologous protein 2	20 22681211 22683739	0.032849	8.90	0.391542	-5.80	0.338252	-3.48
FKBP1A	peptidyl-prolyl cis-trans isomerase FKBP1	10 61207040 61230348	0.032888	-1.21	0.629697	1.09	0.304623	-1.12
NPL	N-acetylneuraminidase lyase isoform X2	1 40728199 40762829	0.032888	-1.77	0.520208	-1.41	0.855638	-1.07
SRSF11	serine/arginine-rich splicing factor 11 isoform X1	1 157097926 157127021	0.032947	-1.42	0.621446	1.18	0.999078	1.00
FAM101B	filamin-interacting protein FAM101B	16 310983 318364	0.032960	1.69	0.797882	-1.16	0.418073	1.29
SCAMP1	secretory carrier-associated membrane protein 1	6 76672288 76789840	0.032960	-1.66	0.149512	1.78	0.574223	1.19
LOC102137199	putative pregnancy-specific beta-1-glycoprotein 1	19 43276085 43289933	0.032960	-12.05	0.397987	5.62	0.665213	1.83
LOC102121426	uncharacterized protein LOC102121426	15 110323517 110324971	0.032993	4.52	0.986887	-1.06	0.829256	-1.28
LOC102125415	uncharacterized protein LOC102125415	15 80495183 80499827	0.032993	-1.68	0.356989	1.52	0.977740	1.01
STAG3	cohesin subunit SA-3 isoform X1	3 44552595 44589416	0.033088	1.79	0.471328	-1.40	0.896114	-1.05
LOC107127532	uncharacterized protein LOC107127532	1 9744917 9770779	0.033247	10.52	1.000000	3.49	0.247842	3.68
POMP	uncharacterized protein LOC101925586	17 8393756 8411723	0.033247	-1.33	0.623043	1.15	0.643441	1.09
ZNF337	zinc finger protein 337 isoform X1	10 36652321 36665833	0.033390	-1.50	0.044879	1.81	0.006454	-1.71

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
CD200R1	cell surface glycoprotein CD200 receptor	2 159275051 159309643	0.033453	-1.77	0.919050	-1.08	0.136268	1.60
LOC102131021		14 22606197 22612594	0.033463	9.36	1.000000	-1.32	1.000000	-9.30
FILIP1	filamin-A-interacting protein 1 isoform X1	4 98531381 98701866	0.033489	1.42	0.458440	1.26	0.130825	1.33
MCOLN3	mucoilin-3 isoform X1	1 142204911 142232005	0.033544	-1.60	0.039848	-1.99	0.472446	-1.22
KBTBD4	kelch repeat and BTB domain-containing	14 19957069 19962447	0.033636	1.24	0.603762	-1.12	0.362272	1.12
TCEAL8	transcription elongation factor A protein-L	X 100083796 100084149	0.033636	-1.18	0.879354	-1.03	0.148845	1.14
ATP6V0E1	V-type proton ATPase subunit e 1	6 172627665 172665751	0.033705	-1.18	0.857363	1.04	0.473621	-1.07
GTF2A2	transcription initiation factor IIA subunit 2	7 36839613 36852187	0.033769	-1.30	0.198615	1.31	0.768224	1.05
RP1	oxygen-regulated protein 1 isoform X1	8 55647560 55656896	0.033868	3.80	0.754274	-1.67	0.737563	1.35
MAP3K11	mitogen-activated protein kinase kinase ki	14 8872155 8888135	0.033868	1.21	0.953154	1.02	0.364968	-1.11
DNAH6	dynein heavy chain 6, axonemal isoform 2	13 24650120 24975158	0.033870	2.44	0.533725	-1.72	0.641477	-1.30
TOM1L2	TOM1-like protein 2 isoform X4	16 18173192 18301577	0.033870	1.33	0.871307	-1.06	0.808154	1.05
PRR29	proline-rich protein 29	16 61327863 61330852	0.033979	3.75	0.892366	-1.27	0.332791	-2.17
DPEP2	dipeptidase 2	20 56192253 56198770	0.034017	1.50	0.832759	-1.10	0.096547	-1.44
PLD6	mitochondrial cardiolipin hydrolase	16 17515348 17519164	0.034051	-1.66	0.887889	-1.09	0.127038	-1.54
SLC25A16	graves disease carrier protein	9 67430223 67475642	0.034055	-1.36	0.882966	-1.06	0.927851	-1.02
LOC107126387	olfactory receptor 2L8-like	1 1117289 1118227	0.034078	4.32	0.626086	2.08	0.117233	-3.81
TCF20	transcription factor 20 isoform X3	10 8848285 8904427	0.034093	1.20	0.710056	-1.07	0.529235	1.07
SAT1	diamine acetyltransferase 1 isoform X1	X 21738477 21740994	0.034093	-1.40	0.384721	-1.30	0.068356	-1.39
LOC102129943	intraflagellar transport protein 122 homolog	11 87625786 87724980	0.034366	1.29	0.827976	-1.07	0.156559	-1.23
LAX1	lymphocyte transmembrane adapter 1 isoform	1 62236566 62246995	0.034390	1.86	0.851380	-1.14	0.117250	1.66
ABCB10	ATP-binding cassette sub-family B member	1 20023132 20064842	0.034390	-1.38	0.221333	1.38	0.224665	1.25
ROPN1L	roporin-1-like protein	6 10547728 10567568	0.034460	4.55	0.981655	-1.06	0.670483	-1.54
LOC102137881	Ig kappa chain V-II region Cum-like	13 17753550 17754386	0.034460	3.12	0.083071	4.56	0.657765	1.36
LOC102122907	adhesion G-protein coupled receptor G5-1	20 1954 5254	0.034460	2.08	0.475106	-1.59	0.679130	1.21
KDR	vascular endothelial growth factor recepto	5 79361776 79408044	0.034460	1.63	0.008759	2.40	0.288170	1.35
GPR155	integral membrane protein GPR155 isoform	12 63368767 63411943	0.034460	1.48	0.940256	1.04	0.278434	1.28
GPATCH2	G patch domain-containing protein 2 isoform	1 76080931 76279508	0.034460	-1.33	0.644203	1.14	0.409128	1.15
RAP1A	ras-related protein Rap-1A isoform X1	1 115073156 115154569	0.034460	-1.41	0.451555	1.26	0.639958	1.11
NUP58	nucleoporin p58/p45 isoform X3	17 5282764 5333258	0.034524	-1.45	0.577449	1.22	0.647685	1.11
THRA	uncharacterized protein LOC101865809	16 51697760 51717964	0.034553	1.41	0.904543	1.05	0.888550	1.03
DPH3	DPH3 homolog isoform X1	2 31312186 31316252	0.034553	-1.39	0.626264	1.17	0.634810	-1.10
FEZ2	fasciculation and elongation protein zeta-2	13 74030847 74158071	0.034560	-1.36	0.494657	1.22	0.802997	1.05
LOC102137388	uncharacterized protein LOC102137388 i	14 36095560 36552535	0.034612	3.50	0.975456	-1.06	0.328273	-2.13
IGFL3	insulin growth factor-like family member	19 46939538 46943833	0.034612	1.78	0.490438	-1.44	0.023991	-1.94
PDPFR	pyruvate dehydrogenase phosphatase regu	20 62489228 62527249	0.034612	1.51	0.760313	1.15	0.033849	1.57
AP2S1	AP-2 complex subunit sigma isoform X1	19 47596482 47607332	0.034626	-1.49	0.598308	-1.22	0.677657	-1.11
ZNF239	zinc finger protein 239 isoform X3	9 42195752 42213034	0.034640	-1.64	0.220771	1.65	0.666630	-1.06
LOC101865481	vascular non-inflammatory molecule 2	4 36912809 36926982	0.034678	4.57	0.716070	1.80	0.935033	1.10
TMEM62	transmembrane protein 62 isoform X1	7 20123974 20170318	0.034837	-1.36	0.215962	-1.36	0.672291	1.08
DRD5	D(1B) dopamine receptor	5 8866118 8867554	0.034883	4.21	0.977658	-1.06	0.301013	-2.32
SERTM1	serine-rich and transmembrane domain-co	17 16099562 16120793	0.034891	-1.93	0.425946	-1.57	0.973338	1.02
CADM2	cell adhesion molecule 2 isoform X2	2 182072835 183145623	0.034891	-3.87	0.003486	16.60	0.703160	-1.39
SKA2	spindle and kinetochore-associated protein	16 44662085 44702027	0.034944	-1.34	0.447730	1.22	0.177865	1.25
LOC102131206		2 192192437 192238181	0.035002	-7.17	1.000000	-4.28	0.222760	4.61
KHK	ketohexokinase isoform X4	13 83776493 83789764	0.035022	1.61	0.174926	1.70	0.416879	-1.26
LOC102143204	mitochondrial import inner membrane tra	9 45073233 45104579	0.035086	-1.22	0.077260	-1.30	0.669290	-1.06
CSMD1	CUB and sushi domain-containing protein	8 3117930 5161872	0.035171	3.20	0.978877	1.05	0.109846	-2.84
OLFML1	olfactomedin-like protein 1	14 60388021 60412390	0.035283	1.47	0.352169	1.36	0.786694	1.07
ITGB7	integrin beta-7 isoform X1	11 52046201 52055685	0.035344	1.54	0.774694	-1.15	0.416031	1.23
UBE2K	uncharacterized protein LOC101865827	5 39357597 39440045	0.035344	-1.29	0.382037	1.22	0.777226	1.05
PIGB	GPI mannosyltransferase 3	7 32410751 32447877	0.035355	-1.21	0.785607	1.06	0.056245	1.21
ZNF586	zinc finger protein 586 isoform X2	19 58426193 58435383	0.035364	1.18	0.946611	1.02	0.433230	1.08
GRIK3	glutamate receptor ionotropic, kainate 3	1 190924514 191013898	0.035386	12.38	1.000000	-3.89	0.977055	-1.06
ARL6IP5	PRA1 family protein 3	2 124737652 124757519	0.035386	-1.37	0.369856	1.28	0.422485	1.16
LOC102128706		7 10719 20141	0.035401	1.87	0.237020	-1.85	0.238510	1.53
GPATCH8	G patch domain-containing protein 8 isoform	16 56194472 56301310	0.035405	1.18	0.807069	1.03	0.622541	1.05
LOC102134962	double-headed protease inhibitor, subman	6 147388467 147393274	0.035443	6.95	0.982409	-1.08	0.758597	-1.56
SYT8	synaptotagmin-8 isoform X2	14 1805063 1807311	0.035497	-1.58	0.078378	-1.83	0.725898	1.11
ROBO4	roundabout homolog 4	14 120680078 120693027	0.035594	1.49	0.537340	1.27	0.885838	-1.04
APPBP2	amyloid protein-binding protein 2 isoform	16 47374637 47450748	0.035661	-1.30	0.302541	1.26	0.877113	1.03
RNF24	RING finger protein 24 isoform X2	10 58494842 58542250	0.035685	1.52	0.990354	1.01	0.583858	1.16
FAM71E1	LOW QUALITY PROTEIN: protein FAM	19 51305437 51312003	0.035802	-1.93	0.214990	-1.98	0.692538	-1.18
TAPBP1	tapasin-related protein isoform X1	11 6711731 6721954	0.036074	1.22	0.953452	1.02	0.232642	1.15
LOC102137293	uncharacterized protein LOC102137293	1 188254948 188287072	0.036081	2.78	0.987051	1.02	0.287784	1.89
TBC1D1	TBC1 domain family member 1 isoform 2	5 37521481 37769984	0.036297	1.20	0.837684	-1.05	0.460069	1.09
NHLRC2	NHL repeat-containing protein 2 isoform	9 113030077 113098408	0.036307	-1.17	0.006243	1.35	0.641584	1.05
ISLR2	immunoglobulin superfamily containing l	7 52153174 52156928	0.036330	1.78	0.673014	-1.26	0.336461	1.36
LOC102116157		6 97506596 97549160	0.036515	-1.76	0.242540	1.78	0.787920	1.11
NR2C1	nuclear receptor subfamily 2 group C mem	11 98739355 98783969	0.036563	-1.39	0.960479	-1.02	0.420749	1.17
EFNB3	ephrin-B3 isoform X2	16 7790494 7794459	0.036587	2.20	0.799483	-1.25	0.080535	-1.88
MUSK	muscle, skeletal receptor tyrosine-protein	15 26854481 26984827	0.036587	2.11	0.433789	-2.03	0.799959	1.18
CCL22	C-C motif chemokine 22	20 45381563 45389170	0.036593	2.27	0.575445	-1.56	0.774909	-1.17
RASSF3	ras association domain-containing protein	11 63641601 63724537	0.036646	1.28	0.271883	1.26	0.009373	1.38
GOLT1B	vesicle transport protein GOT1B isoform	11 22219026 22232759	0.036685	-2.00	0.427629	1.64	0.566968	1.28
CDCA4	cell division cycle-associated protein 4 iso	7 170385073 170394538	0.036711	-1.40	0.725487	-1.13	0.863652	-1.04
LRRC69	leucine-rich repeat-containing protein 69	8 92294200 92377699	0.036711	-1.85	0.985802	1.02	0.728621	-1.15
DTD2	probable D-tyrosyl-tRNA(Tyr) deacylase	7 95369677 95379514	0.036791	-1.44	0.240647	-1.43	0.590651	1.13
ZNF320	zinc finger protein 320	19 53582440 53592767	0.036824	-1.31	0.006930	1.67	0.830033	1.04
KPNA3	importin subunit alpha-4	17 28914954 29012290	0.036824	-1.39	0.329312	1.32	0.423865	1.17
BCOR	BCL-6 corepressor isoform X5	X 38256961 38284993	0.036856	1.36	0.649108	1.15	0.074775	1.34
USP19	ubiquitin carboxyl-terminal hydrolase 19	2 104273982 104284671	0.036856	1.19	0.644155	-1.09	0.866630	1.02
EML3	echinoderm microtubule-associated protei	14 11660899 11671199	0.036937	1.22	0.581528	-1.11	0.624738	-1.06
ETFA	electron transfer flavoprotein subunit alph	7 54483017 54584691	0.037245	-1.25	0.861920	1.05	0.557043	1.09
FCHO2	F-BAR domain only protein 2	6 71112797 71258699	0.037245	-1.38	0.055749	1.59	0.160740	1.29
KLK11	kallikrein-11	19 51860560 51865520	0.037314	5.47	0.522503	2.72	0.678291	-1.54
RBM25	RNA-binding protein 25	7 137747002 137802702	0.037314	-1.31	0.484776	1.19	0.700692	1.07

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
ENPP4	bis(5'-adenosyl)-triphosphatase ENPP4	4 124379087 124382973	0.037325	-1.64	0.087214	1.91	0.657119	1.15
ALDH3A1	aldehyde dehydrogenase, dimeric NADP-	16 19708508 19715936	0.037335	2.48	0.265883	2.37	0.806601	-1.17
AMOTL1	angiomin-like protein 1 isoform X1	14 90576347 90722021	0.037498	1.49	0.186701	1.54	0.731564	1.09
ZNF221	zinc finger protein 221	19 44697219 44701776	0.037517	1.43	0.922460	1.05	0.991166	1.00
RPA3	replication protein A 14 kDa subunit isofo	3 113445588 113448788	0.037558	-1.36	0.601994	1.17	0.693697	1.08
LOC102126271	Ig heavy chain V-III region GAL-like	0 482220 483688	0.037582	3.48	0.973594	1.06	0.285048	2.14
TCFET1	T-complex-associated testis-expressed pro	4 126234130 126242069	0.037587	6.44	0.390165	-7.62	0.715528	1.59
TNFRSF13C	tumor necrosis factor receptor superfamily	10 9146425 9148144	0.037587	3.38	0.973972	-1.06	0.700817	1.36
GDF7	growth/differentiation factor 7	13 90307522 90316881	0.037587	2.21	0.678861	1.43	0.791440	-1.16
OLA1	obg-like ATPase 1 isoform X1	12 63016278 63187405	0.037587	-1.31	0.726018	-1.11	0.416031	1.14
TBC1D23	TBC1 domain family member 23 isoform	2 171819745 171883489	0.037587	-1.41	0.204363	1.43	0.501226	1.15
PPP1R2	protein phosphatase inhibitor 2	2 2000430 2026684	0.037587	-1.52	0.139088	1.65	0.505540	1.19
OTUD5	OTU domain-containing protein 5 isoform	X 47452155 47489519	0.037714	1.15	0.247031	-1.14	0.343591	-1.08
DNAJC28	dnaJ homolog subfamily C member 28 iso	3 13265627 13269229	0.037717	-1.36	0.345984	1.29	0.806828	1.05
LOC102130517	histone H3.3-like	1 21840437 21840847	0.037717	-1.38	0.981215	-1.01	0.808987	-1.06
TCERG1L	transcription elongation regulator 1-like p	9 130517222 130699887	0.038024	12.54	1.000000	-3.17	1.000000	1.31
LOC107128699		0 12092 14841	0.038024	3.26	0.909577	-1.19	0.354330	-1.84
THAP2	THAP domain-containing protein 2 isofo	11 70731337 70744409	0.038054	-1.34	0.390027	1.25	0.259691	-1.21
RASGEF1A	ras-GEF domain-containing family memb	9 41800679 41833086	0.038078	-1.33	0.882966	-1.05	0.829262	1.04
ZNF317	zinc finger protein 317 isoform X1	19 9443904 9449628	0.038138	1.24	0.649778	-1.11	0.566052	1.08
ATP6V1D	V-type proton ATPase subunit D	7 131849414 131869185	0.038138	-1.37	0.628935	-1.17	0.708398	-1.08
LOC107129630	LOW QUALITY PROTEIN: beta-1,3-gal	4 160210071 160238141	0.038138	-2.43	0.873914	1.25	0.276774	-1.95
ADRA2A	alpha-2A adrenergic receptor	9 110272204 110273687	0.038187	2.19	0.177166	-2.42	0.322767	-1.59
SLC7A8	large neutral amino acids transporter smal	7 86836143 86894938	0.038203	-2.17	0.890126	-1.14	0.952588	-1.04
LOC107127902	serine/threonine-protein kinase LATS2-lik	17 679107 679385	0.038205	-1.25	0.057509	1.38	0.119026	-1.22
CLPB	caseinolytic peptidase B protein homolog	14 67458966 67608089	0.038330	-1.33	0.405515	-1.24	0.525053	-1.12
ETV1	ets variant 1	3 106782257 106876611	0.038439	1.58	0.974592	1.02	0.026212	1.70
ABIL1	abl interactor 1 isoform X16	9 27210583 27326101	0.038511	-1.50	0.706686	1.17	0.638124	1.13
MTHFD2L	probable bifunctional methylenetetrahydro	5 60177971 60318165	0.038540	-1.49	0.412079	1.34	0.299427	-1.28
KCTD12	BTB/POZ domain-containing protein KC	17 59394061 59395038	0.038540	-1.94	0.360293	1.71	0.410055	1.39
ZNF750	zinc finger protein 750	16 80526974 80529286	0.038601	1.60	0.169943	-1.65	0.535309	-1.19
PMS2	mismatch repair endonuclease PMS2	3 41235968 41279742	0.038601	1.25	0.077817	-1.35	0.884628	1.02
AMACR	alpha-methylacyl-CoA racemase isoform	6 34720668 34742674	0.038601	-1.20	0.000000	-1.79	0.268991	-1.13
DHDH	trans-1,2-dihydrobenzene-1,2-diol dehydr	19 49764770 49774307	0.038602	-1.97	0.307262	-1.84	0.275575	1.56
ORC4	origin recognition complex subunit 4 isofo	12 36465965 36552880	0.038606	-1.33	0.935150	-1.03	0.640056	1.09
SHOX2	short stature homeobox protein 2	2 60475544 60483558	0.038606	-2.58	0.057878	-4.27	0.300440	-2.14
SLC30A3	zinc transporter 3 isoform X3	13 83583894 83605835	0.038612	2.29	0.199566	-2.30	0.187486	-1.85
WNT7B	protein Wnt-7b	10 4995099 5049171	0.038612	1.92	0.365419	-1.65	0.440588	-1.34
TEAD2	transcriptional enhancer factor TEF-4 isofo	19 50143507 50165006	0.038612	1.27	0.314695	-1.23	0.793487	-1.04
TMEM60	transmembrane protein 60	3 134465118 134465519	0.038612	-1.30	0.970376	-1.01	0.531446	1.11
ARL5B	ADP-ribosylation factor-like protein 5B	9 19242659 19258418	0.038612	-1.59	0.722419	1.19	0.841031	1.07
LOC102134172	coiled-coil domain-containing protein 25-	20 60583975 60584751	0.038612	-2.06	0.910687	-1.11	0.097086	-1.87
TAOK1	serine/threonine-protein kinase TAO1	16 25749868 25847291	0.038613	-1.28	0.388907	1.21	0.733130	1.06
CRHR2	corticotropin-releasing factor receptor 2 is	3 89992789 90022461	0.038620	5.42	0.479256	2.35	0.217168	2.55
RIIAD1	RiIIa domain-containing protein 1	1 100241366 100248827	0.038647	2.45	0.976174	1.06	0.402902	-1.63
DHRS1	dehydrogenase/reductase SDR family mem	7 88076167 88084227	0.038647	-1.34	0.010061	-1.69	0.021718	-1.41
COLQ	acetylcholinesterase collagenic tail peptid	2 32062426 32133191	0.038711	1.98	0.773151	1.26	0.902986	-1.06
ICOS	inducible T-cell costimulator	12 93482891 93506009	0.038714	1.75	0.179105	-1.83	0.297705	1.40
LOC102120902	translation initiation factor IF-2-like	0 1175 2115	0.038714	1.61	0.360958	1.50	0.509872	1.22
EZH1	histone-lysine N-methyltransferase EZH1	16 54457724 54485198	0.038714	1.48	0.928462	-1.05	0.945909	-1.02
BOD1L1	biorientation of chromosomes in cell divis	5 12651250 12709031	0.038714	1.29	0.972407	1.01	0.265926	1.18
WDR41	WD repeat-containing protein 41 isoform	6 75715881 75890896	0.038714	-1.25	0.298254	-1.22	0.369894	1.13
SAR1B	GTP-binding protein SAR1b	6 133663792 133680606	0.038714	-1.30	0.225947	1.30	0.754719	-1.06
LOC107131042	Ig lambda chain V-IV region MOL-like is	10 28470857 28475725	0.038734	2.88	0.862101	1.25	0.965303	-1.03
ANGPTL5	angiopoietin-related protein 5 isoform X2	14 97823057 97841364	0.038737	7.41	1.000000	1.56	0.580544	-2.06
SMARCA2	probable global transcription activator SN	15 76984987 77155831	0.038825	1.35	0.473421	1.22	0.256163	1.22
IRF9	interferon regulatory factor 9 isoform X1	7 87942449 87946494	0.038835	1.36	0.009518	1.75	0.139423	1.29
ASCL1	achaete-scute homolog 1	11 106681421 106682235	0.038899	6.64	0.692383	-2.66	0.952598	-1.10
PTPRD	receptor-type tyrosine-protein phosphatase	15 70237641 70659416	0.038899	1.66	0.656670	1.26	0.698949	1.14
TMC8	transmembrane channel-like protein 8 iso	16 75503073 75515071	0.038899	1.39	0.049337	-1.62	0.219277	1.26
ARSD	arylsulfatase D	X 554836 561846	0.038966	1.49	0.256328	-1.47	0.423916	-1.22
LOC101925508		1 51593075 51642886	0.038983	2.26	0.369372	-2.21	0.085818	2.26
CRACR2B	EF-hand calcium-binding domain-contain	14 655673 658802	0.038983	2.03	0.199811	2.13	0.222403	-1.66
LOC102131535	annexin-2 receptor	6 43588621 43589205	0.038983	1.86	0.453986	1.54	0.355300	-1.41
LOC102133400	uncharacterized protein C12orf76	11 113621222 113636958	0.038983	-1.31	0.855131	1.06	0.426690	-1.14
ZNF831	zinc finger protein 831	10 91089572 91154799	0.039079	1.61	0.533050	-1.29	0.392339	1.24
LOC107127936		17 20391384 20431830	0.039081	1.71	0.174926	-1.80	0.571342	1.201
FAM76B	protein FAM76B isoform X2	14 91649946 91668216	0.039081	-1.53	0.321264	1.45	0.379834	1.25
LOC107130289		7 171082083 171086374	0.039131	2.50	0.846379	-1.24	0.580060	1.37
NDUF85	NADH dehydrogenase [ubiquinone] 1 bet	2 84109955 84128286	0.039141	-1.23	0.735919	1.08	0.649266	1.06
SLC44A2	choline transporter-like protein 2 isoform	19 10922304 10932478	0.039206	1.38	0.978688	1.01	0.466793	-1.16
LOC102134826	HCLS1-associated protein X-1-like	X 145105415 145106219	0.039225	1.81	0.163397	-1.93	0.000373	-2.57
GLRX3	glutaredoxin-3	9 129555414 129599206	0.039249	-1.27	0.958714	-1.02	0.974551	1.01
RRAGD	ras-related GTP-binding protein D	4 84599700 84620133	0.039249	-1.38	0.792670	1.10	0.416759	-1.18
LOC107129327	T-cell receptor beta chain V region CTL-I	3 175485086 175485556	0.039265	5.88	0.870138	1.26	0.727153	1.34
ARRB2	beta-arrestin-2 isoform X3	16 4753084 4763306	0.039265	1.26	0.529060	-1.15	0.390042	-1.13
CFAP53	cilia- and flagella-associated protein 53	18 31497808 31532575	0.039275	1.75	0.947723	1.05	0.571853	-1.22
SCGN	secretagogin	4 144871417 144920878	0.039429	7.24	1.000000	-21.29	0.613772	-1.89
MTCH2	mitochondrial carrier 2	14 19890056 19917425	0.039429	-1.41	0.308296	-1.36	0.584186	-1.13
CSNK1G3	casein kinase I isoform gamma-3 isoform	6 122473647 122545492	0.039429	-1.44	0.309562	1.38	0.307863	1.25
NEB	nebulin isoform X22	12 40151790 40463188	0.039457	-2.03	0.399171	-1.66	0.018727	-2.22
VMO1	vitelline membrane outer layer protein 1 h	16 4839352 4840334	0.039625	2.29	0.534157	1.64	0.196768	-1.86
HDC	histidine decarboxylase isoform X3	7 27218571 27241037	0.039642	2.68	0.712289	-1.45	0.462872	1.52
RAB1A	ras-related protein Rab-1A	13 44861610 44905064	0.039642	-1.36	0.366796	1.28	0.801101	1.06
EGR2	E3 SUMO-protein ligase EGR2 isoform X	9 73219781 73225236	0.039702	1.43	0.153118	1.51	0.474043	-1.17
OLFM2L2A	olfactomedin-like protein 2A isoform X1	15 11280531 11304991	0.039717	1.87	0.914271	-1.09	0.70216	1.13
TNFRSF12A	tumor necrosis factor receptor superfamily	20 3298141 3299572	0.039725	-2.01	0.734429	1.30	0.582030	-1.28

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
CBFA2T3	protein CBFA2T3 isoform X2	20 77327330 77354477	0.039757	1.30	0.120362	1.40	0.526031	1.11
BCAP29	B-cell receptor-associated protein 29 isoform X1	3 140042601 140099476	0.039757	-1.22	0.260924	1.21	0.430887	1.10
ZBTB34	zinc finger and BTB domain-containing protein 34	15 101907544 101924904	0.039757	-1.22	0.250918	1.22	0.453589	1.10
FGFR1OP2	FGFR1 oncogene partner 2 isoform X1	11 27643858 27657774	0.039797	-1.39	0.161754	1.46	0.914278	1.03
C2H3orf33	protein C2orf33 homolog	2 58193052 58210078	0.040002	-1.47	0.981787	-1.01	0.352085	1.23
NLN	neurolysin, mitochondrial isoform X4	6 65540717 65637007	0.040025	-1.28	0.736586	-1.09	0.976152	1.01
MS4A8	membrane-spanning 4-domains subfamily 8	14 13559750 13572976	0.040039	8.60	0.909241	-1.40	0.823012	-1.40
DNAH7	dynein heavy chain 7, axonemal isoform X1	12 84935583 85279203	0.040039	2.37	0.899803	-1.16	0.677607	-1.27
SEC61G	protein transport protein Sec61 subunit gamma	3 65669540 65674611	0.040096	-1.49	0.935962	1.05	0.965302	-1.01
DCP1B	mRNA-decapping enzyme 1B isoform X1	11 2087490 2154603	0.040149	1.20	0.723610	-1.07	0.870326	1.02
PBX3	pre-B-cell leukemia transcription factor 3	15 102852509 103079536	0.040161	-1.26	0.783896	-1.07	0.995641	1.00
PCDH12	protocadherin beta-2	6 140226401 140228797	0.040180	1.93	0.485680	-1.55	0.078642	1.85
IL31RA	interleukin-31 receptor subunit alpha	6 55312077 55366544	0.040184	1.54	0.426942	1.40	0.269832	-1.34
PHTF2	putative homeodomain transcription factor 2	3 134304244 134420106	0.040185	-1.68	0.589061	1.32	0.440072	1.28
MB	myoglobin	10 15677521 15687693	0.040234	7.85	1.000000	-4.28	0.645272	-1.63
LOC102135863		7 170969385 170974001	0.040234	3.45	0.953504	-1.12	0.973488	1.03
PDCD6IP	programmed cell death 6-interacting protein 1	2 13518644 13591143	0.040234	-1.15	0.383373	1.12	0.911450	-1.01
LOC102120706	LOW QUALITY PROTEIN: zinc finger protein 1	3 58032469 58033839	0.040259	-4.06	0.760043	-1.58	0.294281	-2.44
LOC107127399		14 72119484 72126364	0.040278	3.25	0.393628	2.54	0.697643	1.37
MYCBPAP	MYCBP-associated protein isoform X4	16 35908130 35930170	0.040278	1.86	0.277012	-1.81	0.186889	-1.62
NRK	nik-related protein kinase isoform X3	X 102879446 103017228	0.040282	2.76	0.245392	2.70	0.503095	1.56
CIZ1	cip1-interacting zinc finger protein isoform X1	15 11019335 11048311	0.040325	1.20	0.491361	-1.13	0.568065	-1.07
COPS2	COP9 signalosome complex subunit 2 isoform X1	7 26085345 26114178	0.040325	-1.40	0.239462	1.40	0.506583	1.15
AXDN1	axonemal dynein light chain domain-containing protein 1	1 37301836 37513385	0.040343	2.44	0.966616	-1.06	0.329627	-1.67
TRIM36	E3 ubiquitin-protein ligase TRIM36 isoform X1	6 113904342 113960778	0.040343	-1.47	0.673263	1.19	0.810939	1.07
SCOC	short coiled-coil protein isoform X1	5 139696388 139739687	0.040343	-1.65	0.119918	1.87	0.210626	1.45
COQ3	ubiquinone biosynthesis O-methyltransferase 3	4 74416969 74441661	0.040386	-1.32	0.867365	1.06	0.989201	1.00
CALY	neuron-specific vesicular protein calycon	9 132814112 132817264	0.040397	6.04	0.820582	-1.59	0.762786	-1.35
KCMF1	LOW QUALITY PROTEIN: E3 ubiquitin-protein ligase	13 24413058 24495631	0.040406	-1.16	0.853695	1.04	0.984477	1.00
LOC102135714		6 159926492 159929770	0.040424	-1.67	0.384718	-1.50	0.677559	-1.15
ERP27	endoplasmic reticulum resident protein 27	11 15543068 15569153	0.040460	2.23	0.854903	-1.20	0.882032	-1.09
VWA7	von Willebrand factor A domain-containing protein 7	4 139091754 139103180	0.040580	1.91	0.990958	-1.01	0.923819	1.05
LOC102122467		8 127306699 127349561	0.040650	1.59	0.705940	-1.20	0.660333	1.14
FIGNL1	figletin-like protein 1	3 70027987 70030011	0.040773	-1.53	0.539409	1.29	0.300348	1.30
DSTYK	dual serine/threonine and tyrosine protein kinase	1 63647659 63715342	0.040800	1.21	0.989305	-1.00	0.329694	1.12
ZNF207	BUB3-interacting and GLEBS motif-containing protein 2	16 28738053 28761986	0.040800	-1.25	0.696236	1.10	0.321194	1.14
LOC102135021	serpin B4	18 16683790 16689047	0.041010	5.98	0.986857	1.05	0.728621	1.52
KIAA1671	uncharacterized protein KIAA1671 homolog	10 26489973 26662086	0.041010	1.41	0.967140	1.02	0.341441	1.22
DCC	netrin receptor DCC isoform X4	18 28119231 29344831	0.041156	2.68	0.007392	6.58	0.984596	-1.01
DHX29	ATP-dependent RNA helicase DHX29 isoform X1	6 54693817 54749081	0.041156	-1.28	0.829100	1.07	0.268000	1.17
ALS2CR12	uncharacterized protein LOC101865203	12 90664935 90721361	0.041170	2.96	0.874242	-1.27	0.367961	-1.86
IDH3B	isocitrate dehydrogenase [NAD] subunit beta	10 59848700 59854681	0.041170	1.32	0.318130	-1.28	0.006884	-1.46
RNASE2	non-secretory ribonuclease	7 84490665 84491147	0.041170	-3.78	0.443218	2.58	0.044557	-4.19
FIGF	vascular endothelial growth factor D	X 13147560 13188314	0.041187	1.89	0.432015	1.59	0.697590	1.18
DICER1	endoribonuclease Dicer	7 160168779 160213065	0.041187	-1.39	0.234813	1.40	0.446146	1.17
PERM1	PGC-1 and ERR-induced regulator in muscle	1 227449563 227454266	0.041187	-3.19	0.800844	1.51	0.448482	1.93
APIP	methylthioribulose-1-phosphate dehydratase	14 32510617 32549725	0.041293	-1.18	0.459327	1.12	0.973838	-1.00
WDR92	WD repeat-containing protein 92 isoform X1	13 41797526 41823767	0.041345	-1.19	0.937119	1.02	0.738778	1.04
EIF4ENIF1	eukaryotic translation initiation factor 4E1	10 19888187 19944144	0.041400	1.19	0.779882	1.06	0.989057	1.00
CLECL1	LOW QUALITY PROTEIN: C-type lectin domain class B member 1	11 10087074 10103320	0.041432	1.62	0.381324	-1.46	0.937594	-1.03
NDUF4F6	NADH dehydrogenase (ubiquinone) complex subunit F6	8 96170184 96204842	0.041432	-1.22	0.599308	1.11	0.951616	-1.01
CPA3	mast cell carboxypeptidase A	2 51081743 51113368	0.041488	2.86	0.897619	1.19	0.126007	2.48
CEP135	centrosomal protein of 135 kDa isoform X1	5 78403432 78505009	0.041488	-1.72	0.950700	-1.05	0.563394	1.22
CHCHD2	coiled-coil-helix-coiled-coil-helix domain-containing protein 2	3 64136318 64140837	0.041499	-1.25	0.903972	1.04	0.013718	-1.32
GSG1	germ cell-specific gene 1 protein isoform X1	11 13687676 13706055	0.041499	-3.93	0.337761	-3.15	0.166713	-3.08
CFAP54	cilia- and flagella-associated protein 54 isoform X1	11 100208715 100583537	0.041549	3.07	0.708144	-1.63	0.984477	1.02
TPD52	tumor protein D52 isoform X3	8 81169555 81308944	0.041549	-1.43	0.335125	1.35	0.407685	1.20
LOC107129663	splicing factor 3B subunit 4-like	5 10537484 10557967	0.041561	2.76	0.630109	1.62	0.891780	1.10
PHF12	PHD finger protein 12	16 25177291 25222901	0.041594	1.18	0.333697	-1.15	0.261457	1.12
ITGB6	integrin beta-6 isoform X1	12 48838991 48927811	0.041594	-1.77	0.690923	-1.27	0.615921	1.20
LOC102126168	LOW QUALITY PROTEIN: chondroitinase	7 56170882 56233731	0.041618	3.36	0.845612	1.32	0.378202	1.75
COMMD3	COMM domain-containing protein 3	9 22830736 22834328	0.041618	-1.23	0.918668	-1.03	0.905989	-1.02
LOC107129746		5 81853374 81855318	0.041618	-1.70	0.929090	1.07	0.253916	1.45
LOC107130244		7 47355146 47379951	0.041618	-3.21	0.799808	-1.40	0.959682	1.05
LOC102136088	cytochrome P450 2U1	5 107318249 107336735	0.041703	1.33	0.911281	-1.04	0.003708	1.52
LOC102128911	golgin subfamily A member 1 isoform X2	19 46601892 46679054	0.041713	1.37	0.312996	-1.32	0.040918	-1.41
TFE3	transcription factor E3 isoform X1	X 47562074 47575076	0.041713	1.17	0.319962	-1.15	0.540917	-1.06
HYLS1	hydrolethalus syndrome protein 1 homolog	14 121703178 121712145	0.041713	-1.27	0.822932	-1.07	0.644864	1.08
TMEM59L	transmembrane protein 59-like	19 19074355 19082284	0.041749	3.74	0.975445	-1.07	0.331890	-2.01
ZFP41	zinc finger protein 41 homolog	8 144854861 144855457	0.041750	1.31	0.614979	-1.15	0.845059	-1.04
LOC102121317		2 30684288 30694628	0.041750	-2.03	0.605999	-1.46	0.751553	-1.17
C14H11orf98		14 11601550 11606709	0.041759	-1.39	0.791134	-1.11	0.926133	-1.02
C14H11orf63	uncharacterized protein C14orf63 homolog	14 118876911 118950306	0.041899	1.82	0.900728	-1.10	0.339258	-1.41
EXOC5	exocyst complex component 5	7 121468819 121529372	0.041913	-1.63	0.160412	1.76	0.540818	1.21
ZNRF2	LOW QUALITY PROTEIN: E3 ubiquitin-protein ligase	3 90296819 90379890	0.041913	-1.72	0.409466	1.51	0.999183	1.00
NMD3	60S ribosomal export protein NMD3 isoform X1	2 63632508 63659610	0.041962	-1.28	0.963515	1.02	0.581390	1.09
LOC102131409		6 93121189 93128535	0.041962	-1.95	0.933452	1.08	0.823252	-1.11
ZC3H4	zinc finger CCCH domain-containing protein 4	19 47843157 47894582	0.041962	1.21	0.785607	-1.06	0.537293	1.08
SHISA2	protein shisa-2 homolog	17 6008597 6013042	0.042039	-1.93	0.080025	2.52	0.000007	3.73
ARHGAP1	rho GTPase-activating protein 1	14 20875404 20896794	0.042152	1.11	0.060803	-1.16	0.813728	1.02
ARHGEF10	rho guanine nucleotide exchange factor 10	8 1720778 1871912	0.042209	1.42	0.069848	1.64	0.508805	1.16
LOC102123264	histone H1.4	4 144417418 144418077	0.042253	-7.38	1.000000	-2.13	0.914531	-1.12
ARHGEF40	rho guanine nucleotide exchange factor 40	7 84624180 84642586	0.042325	1.31	0.276153	1.29	0.460308	1.13
KCNK12	potassium channel subfamily K member 12	13 62806405 62856702	0.042379	8.10	0.343862	3.47	0.736696	-1.35
ENOX1	ecto-NOX disulfide-thiol exchanger 1 isoform X1	17 22392461 2236227	0.042396	1.78	0.643457	1.31	0.636184	-1.18
RICTOR	rapamycin-insensitive companion of mTOR	6 39406114 39530500	0.042596	-1.57	0.557770	1.30	0.357364	1.29
HEPACAM2	HEPACAM family member 2 isoform X1	3 118742559 118784186	0.042666	3.33	0.890198	-1.24	0.891585	1.13

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
CHST8	carbohydrate sulfotransferase 8	19 34060210 34171190	0.042666	2.64	0.542966	1.79	0.081652	2.79
IL21	interleukin-21	5 121593279 121601806	0.042666	2.62	0.078295	3.08	0.045912	2.22
SLITRK6	SLIT and NTRK-like protein 6	17 68418257 68420782	0.042666	2.15	0.000149	6.99	0.598312	-1.30
SIX5	homeobox protein SIX5	19 46628053 46631409	0.042666	1.45	0.432513	-1.31	0.787002	1.07
TBRG1	transforming growth factor beta regulator	14 120419316 120428422	0.042666	-1.16	0.011893	-1.31	0.281658	-1.10
LOC101865328	uncharacterized protein LOC101865328	8 1683801 1684523	0.042666	-1.34	0.042932	-1.56	0.033381	-1.40
TMTC3	transmembrane and TPR repeat-containing	11 91667961 91715589	0.042666	-1.48	0.522630	1.28	0.576227	1.15
TDP2	tyrosyl-DNA phosphodiesterase 2	4 145915058 145931300	0.042666	-1.30	0.434569	1.21	0.522480	1.11
PP1SK2	inositol hexakisphosphate and diphosphoi	6 101677310 101747939	0.042666	-1.43	0.638705	1.19	0.285153	1.26
LGALS3	galectin-3	7 119372206 119379993	0.042682	-1.51	0.281334	-1.47	0.199445	-1.36
PTPRS	receptor-type tyrosine-protein phosphatase	19 5331017 5415458	0.042726	1.43	0.705328	-1.16	0.598080	1.13
ECHDC1	ethylmalonyl-CoA decarboxylase isoform	4 31390955 31443176	0.042829	-1.30	0.069683	1.45	0.259691	1.20
LOC102139564		8 101297316 101300592	0.042868	-1.17	0.535447	1.10	0.726518	1.04
TIMM8A	mitochondrial import inner membrane transp	X 98496647 98498800	0.043070	-1.47	0.974953	-1.02	0.868906	1.05
SIN3A	paired amphipathic helix protein Sin3a	7 53553921 53612458	0.043132	1.26	0.995074	1.00	0.683540	1.06
LOC107129601	butyrophilin subfamily 3 member A3-like	4 144077881 144082260	0.043202	1.47	0.965288	-1.03	0.495650	1.18
LOC102136165	cytochrome c oxidase copper chaperone	2 152511128 152513295	0.043205	-1.25	0.271846	1.24	0.319834	-1.15
ARMC12	armadillo repeat-containing protein 12 iso	4 135023788 135036489	0.043205	-1.60	0.591749	-1.30	0.680740	-1.14
C13H2orf50	uncharacterized protein C2orf50 homolog	13 99836372 99848786	0.043207	2.01	0.753766	1.35	0.898966	1.08
MAPKBP1	mitogen-activated protein kinase-binding	7 18717906 18768124	0.043207	1.28	0.973449	-1.01	0.753098	-1.05
LYSMD2	lysM and putative peptidoglycan-binding	7 28711835 28713273	0.043224	-1.51	0.081238	1.77	0.583275	1.16
EXTL3	exostosin-like 3	8 29178278 29213245	0.043392	1.28	0.248415	1.28	0.696000	1.07
TBCEL	tubulin-specific chaperone cofactor E-like	14 117109553 117124203	0.043509	1.49	0.958401	-1.03	0.764797	1.08
N4BP2	NEDD4-binding protein 2 isoform X1	5 39805348 39860392	0.043509	-1.46	0.572754	1.24	0.981474	1.01
LOC102136805	C-C motif chemokine 4	16 32494904 32496333	0.043509	-1.90	0.150931	-2.15	0.846058	1.09
LOC107127743		16 18740929 18749219	0.043509	-4.88	0.878397	-1.30	0.778103	-1.30
LOC107126472	immunoglobulin omega chain-like	10 29573991 29574498	0.043581	2.39	0.078295	3.26	0.788393	1.17
EPB41L1	band 4.1-like protein 1 isoform X1	10 67684090 67740045	0.043692	1.28	0.228904	-1.29	0.808154	-1.04
LOC107127150	uncharacterized protein LOC107127150	13 82055895 82088685	0.043707	2.84	0.536251	-1.81	0.109506	-2.32
HERC1	probable E3 ubiquitin-protein ligase HER	7 40978544 41143879	0.043753	1.18	0.006486	-1.37	0.251876	-1.12
GALNS	N-acetylgalactosamine-6-sulfatase	20 77254026 77304445	0.043764	1.52	0.196621	-1.58	0.710207	1.11
C7H15orf61	uncharacterized protein C15orf61 homolo	7 45188326 45193598	0.043778	-1.29	0.960153	-1.02	0.535637	-1.11
LOC102140030		14 125087743 125103462	0.043824	2.60	0.479791	-1.98	0.154047	-2.12
TLN2	talin-2 isoform X1	7 40007374 40199318	0.043824	1.58	0.438879	1.39	0.754468	1.10
MBD1	methyl-CpG-binding domain protein 1 iso	18 31484162 31496403	0.043824	1.14	0.736198	-1.05	0.413109	-1.07
LOC107129340		3 177178953 177319553	0.043824	-1.26	0.948957	1.02	0.939282	1.01
MAPK15	mitogen-activated protein kinase 15 isofo	8 145348992 145354777	0.043828	9.63	0.912161	1.43	0.601520	-2.17
PEX5	peroxisomal biogenesis factor 5 isoform X	11 7623835 7640011	0.043904	1.14	0.439306	-1.10	0.788063	1.03
SLCO2B1	solute carrier organic anion transporter fam	14 70437825 70491884	0.043940	-1.67	0.798468	1.17	0.400981	1.30
SMIM15	small integral membrane protein 15	6 60730981 60731205	0.043940	-1.67	0.322604	1.58	0.516259	1.24
PLEKHA5	pleckstrin homology domain-containing fa	11 19845844 20088331	0.043976	1.27	0.013622	-1.53	0.144839	1.22
PLAG1	zinc finger protein PLAG1 isoform X1	8 57239872 57241897	0.044134	-1.96	0.282068	1.91	0.618167	1.25
RBM12B	RNA-binding protein 12B	8 94856593 94859598	0.044171	-1.31	0.199469	1.34	0.218051	1.22
COL4A6	collagen alpha-6(IV) chain isoform X2	X 105275322 105570572	0.044194	1.47	0.004702	-2.14	0.178357	-1.36
DUOX1	dual oxidase 1	7 22044795 22078325	0.044222	2.88	0.798468	1.40	0.414218	-1.69
VASN	vasorin	20 4622913 4624934	0.044222	1.27	0.310316	-1.24	0.839665	1.03
FAHD1	acylpyruvate FAHD1, mitochondrial	20 1881539 1882213	0.044308	-1.45	0.896958	-1.07	0.890479	1.04
MTF2	metal-response element-binding transcript	1 133822638 133879287	0.044367	-1.35	0.451097	1.24	0.172672	1.27
CRYBA4	beta-crystallin A4	10 24894964 24903484	0.044407	1.54	0.662401	1.22	0.236705	1.37
LRRC8E	volume-regulated anion channel subunit L	19 8420491 8426666	0.044407	-1.59	0.326649	-1.49	0.412253	-1.26
OSBPL8	oxysterol-binding protein-related protein 8	11 75528586 75664896	0.044407	-1.76	0.423786	1.52	0.555685	1.24
LOC107130823	uncharacterized protein LOC107130823	1 270354 283055	0.044407	-4.00	0.025707	33.97	0.322478	-2.74
PYROXD2	pyridine nucleotide-disulfide oxidoreduct	9 97214379 97246225	0.044415	1.78	0.681226	-1.29	0.975530	1.01
TBC1D20	TBC1 domain family member 20	10 62159655 62189158	0.044511	1.31	0.813724	-1.08	0.462872	1.13
PPP1R32	protein phosphatase 1 regulatory subunit 3	14 12781735 12790526	0.044566	4.32	1.000000	-3.96	0.580663	-2.06
TERF2	telomeric repeat-binding factor 2 isoform	20 57651340 57682047	0.044639	1.14	0.805815	-1.04	0.289956	1.09
LOC102138187	Golgi apparatus membrane protein TVP2	16 15709483 15776848	0.044639	-1.35	0.108439	1.47	0.878466	1.03
ZCCHC2	zinc finger CCHC domain-containing pro	18 17767916 17824215	0.044639	-1.41	0.778436	1.12	0.872638	-1.04
HSD17B13	17-beta-hydroxysteroid dehydrogenase 13	5 86385325 86403406	0.044639	-5.39	0.080241	13.38	0.756419	1.50
LOC102140799	serine/threonine-protein kinase/endoribon	13 22865541 22877548	0.044678	5.11	0.660491	-2.26	0.439610	-2.23
PBX2	pre-B-cell leukemia transcription factor 2	4 138704939 138708462	0.044737	1.20	0.781775	-1.06	0.508969	1.08
KLHL8	kelch-like protein 8 isoform X3	5 86245372 86275813	0.044737	-1.36	0.061996	-1.55	0.568664	1.12
WDTC1	WD and tetratricopeptide repeats protein	1 200935522 200988216	0.044797	1.26	0.221333	-1.27	0.933007	-1.01
KCND3	potassium voltage-gated channel subfamil	1 114795412 115004105	0.044838	2.63	0.430436	2.15	0.399701	-1.69
TCTN2	tectonic-2 isoform X1	11 19637 56866	0.044893	1.48	0.845114	-1.10	0.445118	-1.21
FGD3	FYVE, RhoGEF and PH domain-containi	15 107040001 107097757	0.044974	1.32	0.720085	-1.12	0.395025	-1.16
DCAKD	dephospho-CoA kinase domain-containin	16 56846967 56852678	0.044982	1.27	0.915438	1.04	0.810973	1.04
CCDC151	coiled-coil domain-containing protein 151	19 11755441 11770063	0.045001	1.75	0.545926	1.41	0.115035	-1.66
LOC102116386	putative uncharacterized protein ZNRD1-4	4 140899997 140901641	0.045001	1.73	0.930443	-1.07	0.713879	1.14
PAPD4	poly(A) RNA polymerase GLD2 isoform	6 77915202 77983398	0.045001	-1.30	0.771454	1.09	0.579253	1.10
UBE2N	ubiquitin-conjugating enzyme E2 N	11 97100080 97131869	0.045001	-1.48	0.873227	1.08	0.557288	1.16
GNPNAT1	glucosamine 6-phosphate N-acetyltransfer	7 116951864 116959006	0.045001	-1.76	0.785607	1.19	0.613190	1.20
FCER2	low affinity immunoglobulin epsilon Fc r	19 8038212 8048370	0.045074	2.00	0.904490	-1.12	0.746287	1.07
C15H9orf9	uncharacterized protein C9orf9 homolog	15 5903269 5909278	0.045104	1.64	0.966616	1.03	0.015229	-1.88
KIAA1109	uncharacterized protein KIAA1109 homo	5 121150174 121343310	0.045107	1.25	0.905244	1.04	0.568453	1.09
FAM173B	uncharacterized protein LOC101867436	6 10332078 10354584	0.045107	-1.30	0.810316	1.08	0.239377	-1.20
ADM	ADM isoform X3	14 57498600 57499536	0.045107	-2.14	0.832367	-1.22	0.920710	-1.06
LOC102132273	uncharacterized protein LOC102132273	20 62277981 62280471	0.045288	1.26	0.846842	1.06	0.261345	1.17
XRCC1	DNA repair protein XRCC1 isoform X1	19 44273964 44305610	0.045480	1.20	0.727699	-1.07	0.645928	1.06
CNPAS2	calpain small subunit 2	20 43450642 43451388	0.045576	6.20	0.734682	2.38	0.698151	-1.72
TCERG1	transcription elongation regulator 1 isofor	6 145700423 145763224	0.045576	-1.32	0.854975	1.07	0.992274	1.00
UBXN7	UBX domain-containing protein 7 isoform	2 636245 713189	0.045646	1.23	0.808068	-1.06	0.967768	-1.01
SGCA	alpha-sarcoglycan	16 35558382 35569507	0.045699	1.90	0.240647	1.94	0.750778	-1.15
LOC107129150	T-cell receptor beta chain V region CTL-1	3 175534768 175545625	0.045756	7.68	1.000000	1.31	0.139423	3.10
ARHGAP27	rho GTPase-activating protein 27 isoform	16 57226436 57241584	0.045834	1.20	0.718863	1.08	0.058214	1.22
C13H2orf81	uncharacterized protein C2orf81 homolog	13 35490623 35498358	0.045896	1.77	0.523856	-1.45	0.919712	1.05
LOC102125234		12 80782076 80792074	0.045980	3.01	0.056154	5.78	0.354990	1.87

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
APBA2	amyloid beta A4 precursor protein-binding	7 6494154 6558122	0.045982	1.51	0.414334	1.35	0.754719	1.08
GAS2L2	GAS2-like protein 2	16 32113582 32121500	0.046017	6.77	0.979696	-1.08	0.445118	-2.55
AHSP	alpha-hemoglobin-stabilizing protein isofo	20 30192363 30202483	0.046190	7.56	0.139912	8.88	0.403519	1.98
MIXL1	homeobox protein MIXL1	1 85063318 85065471	0.046190	5.69	0.405873	-2.51	0.560127	-1.49
GABPB1	GA-binding protein subunit beta-1 isoform	7 27254952 27284372	0.046190	-1.26	0.612280	1.13	0.730623	1.06
MAFB	transcription factor MafB	10 72321080 72322051	0.046196	-1.79	0.875484	-1.13	0.934435	1.04
PGGT1B	geranylgeranyl transferase type-1 subunit	6 114003746 114055083	0.046201	-1.35	0.169762	1.41	0.667589	1.09
LNX2	ligand of Numb protein X 2	17 7335202 7371133	0.046201	-1.37	0.146364	1.47	0.928534	-1.02
LOC102128870		1 176020655 176027567	0.046409	-1.93	0.699758	-1.31	0.396209	-1.40
ARHGAP20	rho GTPase-activating protein 20 isoform	14 106565654 106686193	0.046436	1.61	0.819860	1.14	0.550592	-1.20
FOXJ1	forkhead box protein J1	16 73486252 73489270	0.046649	2.40	0.311625	-2.22	0.926696	1.06
RIF1	telomere-associated protein RIF1 isoform	12 40080111 40140918	0.046649	-1.33	0.227582	1.34	0.703385	1.08
RELL2	RELT-like protein 2 isoform X1	6 140772178 140774410	0.046653	-1.34	0.930147	-1.04	0.445745	-1.16
MPS28	28S ribosomal protein S28, mitochondrial	8 81060355 81161355	0.046662	-1.19	0.115476	1.26	0.585125	1.06
COQ10B	coenzyme Q-binding protein COQ10 hom	12 86637148 86658334	0.046662	-1.37	0.235050	1.39	0.599341	1.11
GGCT	gamma-glutamylcyclotransferase isoform	3 90156068 90163648	0.046677	1.40	0.804607	1.10	0.674176	-1.10
SLAMF9	SLAM family member 9 precursor	1 91718671 91721141	0.046710	1.54	0.000004	3.40	0.492448	-1.20
ATP5F1	ATP synthase F(0) complex subunit B1, m	1 115328257 115339960	0.046816	-1.25	0.860630	1.05	0.598312	1.08
HUS1B	checkpoint protein HUS1B	4 170427119 170428258	0.046832	1.67	0.650361	1.29	0.740615	-1.13
MYLPF	myosin regulatory light chain 2, skeletal m	20 28970207 28973242	0.046966	2.51	0.916893	-1.15	0.316050	-1.70
LOC102129539	Ig lambda chain V-I region BL2-like isofo	10 28444448 29137617	0.046966	1.91	0.745066	1.27	0.965303	1.02
KIF21B	kinesin-like protein KIF21B isoform X4	1 59330657 59382939	0.046966	1.47	0.289577	-1.43	0.064845	1.48
PDGFD	platelet-derived growth factor D isoform X	14 99867564 100114686	0.046966	1.38	0.102679	1.53	0.053529	1.41
DAB2IP	disabled homolog 2-interacting protein iso	15 15482015 15508332	0.046966	1.24	0.901660	-1.04	0.895007	-1.02
CASC3	protein CASC3 isoform X2	16 51773372 51805683	0.046966	1.19	1.000000	-1.00	0.332791	1.61
KIF3A	kinesin-like protein KIF3A isoform X3	6 131668289 131727479	0.046966	-1.20	0.277819	1.18	0.008069	1.27
CD63	CD63 antigen	11 54623294 54626077	0.046966	-1.37	0.415304	-1.27	0.077471	-1.37
KIAA1033	WASH complex subunit 7 isoform X1	11 108843743 108904747	0.046966	-1.57	0.393299	1.43	0.271206	1.35
LOC102124740		0 21 2525	0.046966	-1.82	0.598121	-1.38	0.174137	-1.62
RCVRN	recoverin	16 10059426 10068806	0.046966	-1.83	0.976174	-1.03	0.219277	-1.57
RBM44	RNA-binding protein 44 isoform X1	12 127647665 127668788	0.047026	2.48	0.404689	2.06	0.094298	2.69
LOC102127675		15 16441496 16455011	0.047026	1.73	0.000320	3.77	0.097836	-1.68
NDFIP1	NEDD4 family-interacting protein 1	6 141273699 141313894	0.047026	-1.19	0.778436	1.06	0.810460	1.03
MAPK8	mitogen-activated protein kinase 8 isoform	9 46615563 46648770	0.047026	-1.22	0.983389	1.01	0.561791	1.08
GPR89A	Golgi pH regulator A	1 104691699 104746289	0.047026	-1.25	0.393943	-1.19	0.617761	-1.07
SRSF1	serine/arginine-rich splicing factor 1 isofo	16 43516000 43518126	0.047026	-1.25	0.500829	1.16	0.402496	1.12
RAB18	ras-related protein Rab-18 isoform X4	9 27867257 27900704	0.047026	-1.54	0.360379	1.43	0.505907	1.20
TWF1	twinfilin-1	11 42381274 42392021	0.047026	-1.56	0.138122	1.73	0.470743	1.23
TM4SF19	transmembrane 4 L6 family member 19 is	2 602486 606208	0.047026	-2.31	0.986563	-1.02	0.560222	-1.38
LOC102131719		9 37797950 37805220	0.047026	-9.68	0.988786	-1.06	0.409716	3.18
TMEM50B	transmembrane protein 50B isoform X1	3 13289394 13307707	0.047141	-1.19	0.064481	1.30	0.015312	1.26
LOC107130513	Ig heavy chain V-III region 23-like isoform	7 171495705 171515013	0.047169	2.50	0.913369	-1.14	0.954511	-1.04
ZNF517	zinc finger protein 517	8 146502500 146513606	0.047445	1.57	0.845810	-1.13	0.806171	-1.09
MGA	MAX gene-associated protein isoform X1	7 18616572 18710199	0.047445	1.12	0.463167	1.08	0.294827	-1.08
LOC101925242	uncharacterized protein LOC101925242 i	14 49221828 49283035	0.047486	-1.88	0.963154	1.05	0.640140	1.22
PAN3	PAB-dependent poly(A)-specific ribonuc	17 7868381 8027259	0.047653	-1.27	0.239420	1.28	0.183422	1.21
ZNF16	zinc finger protein 16 isoform X1	8 146632146 146648828	0.047721	1.97	0.329312	-1.83	0.227009	-1.64
C3AR1	C3a anaphylatoxin chemotactic receptor	11 8577827 8579272	0.047977	-1.76	0.511089	-1.44	0.838443	-1.09
ADAMTS1	A disintegrin and metalloproteinase with t	3 20136446 20143819	0.048162	1.69	0.000344	3.58	0.516070	-1.25
LOC102132317	LOW QUALITY PROTEIN: A disintegrin	7 61548546 61596873	0.048162	1.61	0.621810	-1.28	0.188993	-1.46
P2RX7	P2X purinoreceptor 7 isoform X2	11 125131044 125184569	0.048162	1.39	0.953681	1.03	0.164475	1.32
PPIL3	peptidyl-prolyl cis-trans isomerase-like 3	12 90236701 90252975	0.048162	-1.40	0.205949	-1.44	0.775659	-1.07
ACSBG1	long-chain-fatty-acid--CoA ligase ACSBG	7 56505368 56572219	0.048189	1.95	0.010798	-7.08	0.535327	1.30
EGLN1	egl nine homolog 1	1 18135415 18191217	0.048255	-1.49	0.169116	1.59	0.363058	1.25
ACE2	angiotensin-converting enzyme 2	X 13369024 13426212	0.048288	1.58	0.108600	1.80	0.998297	1.00
EAPP	E2F-associated phosphoprotein	7 98487203 98495953	0.048288	1.29	0.777215	-1.09	0.351776	1.16
DES12	desumoylating isopeptidase 2 isoform X2	1 4736916 4796293	0.048288	-1.31	0.405581	1.24	0.439232	1.14
NSL1	kinetochore-associated protein NSL1 hom	1 71334886 71376881	0.048288	-1.32	0.550404	1.18	0.117233	1.29
LOC102125467	cytochrome P450 2S1 isoform X1	19 41743545 41760901	0.048288	-1.86	0.153466	-2.10	0.135884	-1.72
ABLIM1	actin-binding LIM protein 1 isoform X5	9 113638922 113973486	0.048313	1.30	0.695517	1.12	0.641829	-1.08
ZSCAN29	zinc finger and SCAN domain-containing	7 20341775 20350592	0.048352	1.15	0.885680	-1.03	0.844967	-1.02
PSMA3	proteasome subunit alpha type-3 isoform	7 122522588 122549626	0.048352	-1.30	0.943090	-1.03	0.683124	1.07
TMX1	thioredoxin-related transmembrane protein	7 115449094 115463696	0.048352	-1.57	0.226211	1.61	0.364968	1.29
EIF1B	eukaryotic translation initiation factor 1b	2 95253818 95255880	0.048357	-1.21	0.590757	1.11	0.504948	-1.08
RMI1	recQ-mediated genome instability protein	15 94791377 94812077	0.048357	-1.53	0.359135	1.44	0.043496	1.61
NXT2	NTF2-related export protein 2 isoform X1	X 106658478 106665340	0.048357	-1.83	0.264616	1.82	0.358852	1.41
SLC4A5	electrogenic sodium bicarbonate cotransp	13 35563757 35697722	0.048602	1.72	0.061996	-2.22	0.267032	-1.44
RSPRY1	RING finger and SPRY domain-containin	20 45232910 45266875	0.048673	-1.21	0.102679	1.29	0.565748	1.07
C7H15orf39	uncharacterized protein C15orf39 homolo	7 53304341 53309373	0.048858	1.17	0.918932	-1.02	0.710190	1.04
LOC102126536	platelet factor 4 variant	5 60745242 60745989	0.048858	-2.28	0.482358	-1.75	0.566216	1.36
DRC7	dynein regulatory complex subunit 7	20 45729151 45761304	0.048879	5.25	0.940055	-1.22	0.460588	-2.37
LOC102129679	cytochrome P450 4F22	19 15828520 15847825	0.048879	-3.33	0.657091	1.87	0.072278	5.61
NPHS1	LOW QUALITY PROTEIN: nephrin	19 36273622 36298224	0.048907	6.98	1.000000	3.76	0.071591	5.38
LOC102116722	arf-GAP with GTPase, ANK repeat and P	9 48122494 48141525	0.048936	-1.85	0.966616	-1.04	0.583858	-1.25
SPEN	msx2-interacting protein isoform X1	1 212480877 212582384	0.049104	1.40	0.579401	1.21	0.752838	1.08
ALX1	ALX homeobox protein 1	11 84572829 84594183	0.049123	6.31	0.929140	-1.25	0.139423	5.84
TCFL5	transcription factor-like 5 protein	10 94965597 94987277	0.049224	1.36	0.070769	1.57	0.888212	1.03
MARCKS	myristoylated alanine-rich C-kinase substr	4 17842929 17846452	0.049224	-1.93	0.654406	1.37	0.620169	1.24
LOC102145933	class I histocompatibility antigen, Gogo-B	0 4805 6750	0.049274	1.55	0.329064	1.48	0.048859	-1.61
ZNF549	zinc finger protein 549	19 58162168 58174595	0.049274	1.30	0.070565	1.47	0.277797	1.20
ANKH	progressive ankylosis protein homolog iso	6 15128315 15281889	0.049274	1.30	0.490438	1.19	0.709820	-1.07
ZNF496	zinc finger protein 496 isoform X1	1 1957511 1984220	0.049274	1.27	0.690726	-1.11	0.518522	1.11
LOC102116109	zinc finger protein 92 isoform X1	3 57614107 57643972	0.049274	-1.42	0.979788	1.01	0.113313	1.38
SFRP5	secreted frizzled-related protein 5	9 96602016 96606560	0.049274	-2.35	0.033976	4.17	0.286710	-1.73
KATNAL2	katanin p60 ATPase-containing subunit A	18 34779129 34903336	0.049330	3.78	0.898562	1.31	0.587749	-1.80
AOC2	retina-specific copper amine oxidase isofo	16 54599220 54604996	0.049330	2.53	0.202228	2.76	0.859726	-1.12
NKX6-2	homeobox protein Nkx-6.2	9 132269280 132270317	0.049330	-5.75	0.493075	-3.25	0.011938	-10.02

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
QARS	glutamine--tRNA ligase isoform X1	2 104260931 104270395	0.049401	1.20	0.111460	-1.26	0.549839	-1.07
CREG1	protein CREG1	1 25509782 25521264	0.049408	-1.64	0.866280	-1.11	0.944041	1.03
NRN1	uncharacterized protein LOC101926116	4 164976882 164984651	0.049453	1.80	0.827895	1.17	0.138467	1.69
LOC102128299		12 26783890 26867192	0.049453	-1.60	0.377525	1.45	0.514155	1.22
LOC102143714	cytochrome P450 1A1-like	15 83797639 83811557	0.049541	-2.97	0.536254	-2.03	0.489615	1.60
ATHL1	acid trehalase-like protein 1 isoform X1	14 105965 110852	0.049553	1.61	0.860012	1.11	0.264025	-1.38
ZIK1	zinc finger protein interacting with ribonu	19 58225335 58239989	0.049553	1.52	0.707734	-1.19	0.838388	-1.07
FTHL17	ferritin heavy polypeptide-like 17	X 29296584 29297135	0.049585	-9.42	0.878397	-1.44	0.896263	-1.22
C1H8orf59	uncharacterized protein LOC101925831	1 82264092 82264394	0.049633	-1.61	0.599861	1.31	0.146688	1.54
ZFC3H1	zinc finger C3H1 domain-containing prote	11 70677441 70730914	0.049648	-1.30	0.926404	1.04	0.845882	1.04
LOC102116602	fer-1-like protein 4	10 67042860 67096229	0.049659	2.84	0.064805	-4.78	0.400583	-1.73
IFT172	intraflagellar transport protein 172 homolo	13 83347862 83393510	0.049686	1.52	0.484202	-1.33	0.137399	-1.44
SAMD15	sterile alpha motif domain-containing pro	7 142118223 142132118	0.049714	2.70	0.965051	1.10	0.765964	1.25
LOC107129321	uncharacterized protein LOC107129321	3 175795320 175796117	0.049714	2.46	0.207150	-2.50	0.747414	-1.19
MAG	myelin-associated glycoprotein isoform X	19 35750474 35769553	0.049714	-1.60	0.879651	-1.10	0.527555	-1.21
ZMYM5	zinc finger MYM-type protein 5 isoform X	17 1625712 1654716	0.049745	-1.27	0.474556	1.19	0.551381	-1.10
GEMIN7	gem-associated protein 7	11 56928536 56928931	0.049745	-1.35	0.573361	-1.19	0.450335	-1.16
GIPC3	PDZ domain-containing protein GIPC3	19 3557915 3561487	0.049829	1.45	0.146713	1.59	0.958180	-1.02
DCUN1D5	DCN1-like protein 5 isoform X1	14 99005547 99035244	0.049954	-1.39	0.737033	1.13	0.981621	-1.01
LOC102120124	mpv17-like protein	20 3401 11580	0.049954	-2.01	0.342899	-1.81	0.744334	1.16
ATP2B4	plasma membrane calcium-transporting A	1 62160719 62212667	0.049961	1.25	0.504382	1.16	0.841336	1.03
RSPH14	radial spoke head 14 homolog	10 28177146 28258235	0.050164	4.85	0.982627	-1.07	0.366096	-2.58
CELF4	CUGBP Elav-like family member 4 isofo	18 44473136 44783745	0.050164	1.77	0.000504	4.00	0.294549	-1.43
JAZF1	juxtaposed with another zinc finger protei	3 92635211 92874362	0.050164	-1.29	0.474399	1.19	0.548812	1.11
RIDA	ribonuclease UK114	8 99254830 99271496	0.050164	-1.36	0.147042	1.46	0.914278	-1.03
SIRT2	NAD-dependent protein deacetylase sirtui	19 39355490 39380597	0.050183	1.18	0.991049	1.00	0.392606	-1.09
UBE2D1	ubiquitin-conjugating enzyme E2 D1	9 77784178 77817704	0.050183	-1.89	0.174871	2.09	0.614793	1.24
LOC102133441	golgin subfamily A member 8B-like isofo	7 11173072 11181391	0.050184	-2.47	0.399171	2.05	0.376777	1.65
LPCAT2	lysophosphatidylcholine acyltransferase 2	20 43390090 43467380	0.050254	1.52	0.773778	1.15	0.000003	2.45
ZNF592	zinc finger protein 592 isoform X1	7 64982628 65014105	0.050321	1.18	0.654077	1.08	0.700817	1.04
HSDL1	inactive hydroxysteroid dehydrogenase-lil	20 72404804 72411301	0.050321	-1.33	0.870857	1.06	0.698505	1.08
LOC102133346		1 188123294 188133998	0.050321	-1.43	0.946170	1.03	0.674018	1.10
CCDC43	coiled-coil domain-containing protein 43	16 56477862 56491564	0.050349	1.22	0.912536	-1.03	0.217841	1.16
MLLT6	protein AF-17 isoform X1	16 50198889 50218978	0.050349	1.13	0.011206	-1.25	0.598942	-1.04
LOC102145510		11 16912292 16955272	0.050402	-3.11	0.551212	-2.48	0.030073	-4.26
MTBP	mdm2-binding protein isoform X1	8 121725853 121803072	0.050405	-1.37	0.973449	1.02	0.353176	1.21
ATG5	autophagy protein 5 isoform X1	4 67011254 67136832	0.050435	-1.20	0.676701	1.09	0.660853	1.06
FAM167B	protein FAM167B	1 195755710 195757169	0.050474	1.60	0.103403	1.89	0.980289	-1.01
FUZ	protein fuzzy homolog isoform X5	19 50690965 50696629	0.050474	1.50	0.483532	-1.32	0.251714	-1.33
RASA2	ras GTPase-activating protein 2 isoform X	2 43625698 43746860	0.050521	-1.53	0.644927	1.23	0.807308	1.08
FAM188A	protein FAM188A isoform X2	9 16305426 16385585	0.050536	-1.31	0.329284	1.28	0.796005	-1.05
NDFIP2	NEDD4 family-interacting protein 2	17 62029504 62095280	0.050645	-1.57	0.346545	1.48	0.665221	1.14
LOC102121452		2 88116658 88128088	0.050645	-1.85	0.457630	1.56	0.555401	1.27
TIMP4	metalloproteinase inhibitor 4	2 143173442 143178821	0.050830	4.32	0.925561	1.25	0.968120	1.05
WRB	tail-anchored protein insertion receptor W	3 7355450 7371712	0.050847	-1.34	0.375112	1.27	0.934929	-1.02
TMEM27	collectrin	X 13452535 13489785	0.050847	-1.76	0.346635	1.57	0.166991	-1.55
TRA2A	transformer-2 protein homolog alpha isofo	0 4987 34983	0.050968	-1.29	0.621380	1.14	0.909810	-1.02
ULK2	serine/threonine-protein kinase ULK2 isofo	16 19747341 19847992	0.051045	-1.24	0.147883	1.30	0.116496	-1.22
DPP4	dipeptidyl peptidase 4 isoform X2	12 50752915 50836108	0.051045	-1.75	0.815487	-1.17	0.456614	-1.31
LOC102135146	cytochrome c oxidase assembly protein C	3 35852260 35858580	0.051122	-1.28	0.709392	1.11	0.286861	-1.18
MAT2A	S-adenosylmethionine synthase isoform ty	13 23909016 23913828	0.051161	-1.21	0.792153	1.06	0.373604	-1.11
SFR1	swi5-dependent recombination DNA repa	9 103198721 103202235	0.051167	-1.40	0.229333	-1.44	0.505194	1.16
C11H12orf80	LOW QUALITY PROTEIN: uncharacteri	11 51075324 51077614	0.051190	2.85	0.370091	2.72	0.416316	1.67
C5H4orf22	uncharacterized protein C4orf22 homolo	5 53505119 54163936	0.051267	2.70	0.683161	1.71	0.896575	-1.10
RASGRF2	ras-specific guanine nucleotide-releasing f	6 79243317 79502967	0.051267	1.33	0.015539	-1.67	0.623114	-1.10
SERINC5	serine incorporator 5 isoform X1	6 78424449 78545369	0.051293	1.21	0.033829	-1.36	0.195507	1.16
SCML1	sex comb on midleg-like protein 1 isoform	X 15550873 15559965	0.051472	-1.83	0.764573	1.24	0.638666	1.21
ARNTL	aryl hydrocarbon receptor nuclear transloc	14 54325462 54403463	0.051513	-1.25	0.329979	-1.22	0.538792	-1.10
LOC102130495	histone H2A.Z	5 99218444 99220211	0.051513	-1.45	0.991951	-1.01	0.636591	1.12
LOC102120016	ATP-binding cassette sub-family B memb	7 1617032 1617490	0.051513	-5.19	0.234427	-11.54	0.072824	10.35
ADH5	alcohol dehydrogenase class-3 isoform X	5 98285017 98310302	0.051580	1.18	0.217670	1.20	0.701702	-1.04
LOC107129306	uncharacterized protein LOC107129306	3 175677049 175677890	0.051654	7.62	1.000000	-3.20	0.459030	-2.14
RTCA	RNA 3'-terminal phosphate cyclase	1 126556764 126581289	0.051919	-1.24	0.643022	1.11	0.900615	-1.02
MYB	transcriptional activator Myb	4 39494509 39526599	0.052093	1.79	0.728398	-1.26	0.417547	1.36
LOC102129464	Ig heavy chain V-I region 5-like	13 19106801 19107303	0.052151	2.82	0.900598	-1.19	0.442723	1.65
LOC102126376	leukocyte immunoglobulin-like receptor s	20 5210248 5212431	0.052151	-1.79	0.442189	-1.54	0.003869	-2.45
MYO7A	unconventional myosin-VIIa isoform X3	14 72449807 72533290	0.052151	-1.94	0.591229	-1.45	0.618434	1.25
ANO5	anoctamin-5 isoform X4	14 45313963 45410093	0.052164	-1.43	0.605609	1.18	0.858353	1.04
MAPK9	mitogen-activated protein kinase 9 isoform	6 180256211 180301640	0.052188	-1.11	0.666384	-1.05	0.528623	-1.04
BBOF1	basal body-orientation factor 1	7 138670417 138717151	0.052347	1.46	0.395331	1.37	0.889398	-1.04
DDX42	ATP-dependent RNA helicase DDX42 iso	16 61081260 61115308	0.052347	1.12	0.889972	-1.02	0.791964	-1.02
SLBP	histone RNA hairpin-binding protein	5 1702649 1727540	0.052347	-1.22	0.703357	-1.09	0.588320	1.07
GALNT3	polypeptide N-acetylgalactosaminyltransf	12 54604151 54625944	0.052347	-1.70	0.998767	1.00	0.844606	1.08
DBI	acyl-CoA-binding protein isoform X3	12 12819750 12825008	0.052432	-1.34	0.045442	-1.58	0.186403	-1.26
RAB11FIP2	rab11 family-interacting protein 2 isoform	9 117223035 117260176	0.052565	-1.34	0.198797	1.39	0.813283	1.05
FAM136A	uncharacterized protein LOC101864806	13 39598828 39603942	0.052755	-1.45	0.315515	-1.43	0.791858	1.07
CEND1	cell cycle exit and neuronal differentiation	14 610492 612239	0.052829	1.83	0.516751	-1.51	0.573373	1.29
LRBA	lipopolysaccharide-responsive and beige-l	5 149483122 150256956	0.052946	1.30	0.633296	-1.14	0.598730	1.10
SPRN	shadow of prion protein isoform X1	9 132901519 132903060	0.053011	7.01	0.686975	-2.13	0.282174	2.51
ZSWIM5	zinc finger SWIM domain-containing prot	1 182311792 182507236	0.053011	1.48	0.850130	1.10	0.791531	1.08
C1H1orf50	uncharacterized protein C1orf50 homolo	1 184909971 184918704	0.053054	-1.19	0.810325	-1.05	0.518772	-1.08
PRLR	prolactin receptor	6 35469492 35492982	0.053104	2.64	0.186771	3.10	0.783397	-1.19
FAM131B	protein FAM131B	3 176537595 176541154	0.053104	2.40	0.360958	2.12	0.835467	1.14
LOC102131130		5 121736748 121739866	0.053276	-1.77	0.681374	1.28	0.227415	-1.58
LOC107128115		18 31447538 31465764	0.053408	2.96	0.567217	-2.03	0.609575	-1.49
TMEM196	transmembrane protein 196 isoform X3	3 100950781 100998347	0.053439	8.32	1.000000	-1.06	0.855810	1.24
LOC102115852		19 2402733 2623608	0.053462	1.65	0.929174	-1.07	0.806171	-1.09

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
SS18L2	SS18-like protein 2	2 97519728 97523368	0.053589	-1.17	0.705940	1.07	0.612599	-1.06
P2RY6	P2Y purinoceptor 6	14 68523492 68524478	0.053589	-1.77	0.890099	1.11	0.791440	1.12
BROX	BRO1 domain-containing protein BROX	1 81552568 81572069	0.053616	-1.55	0.295735	1.53	0.354326	1.30
PDHX	uncharacterized protein LOC101866848	14 32437652 32510257	0.053819	-1.32	0.619325	1.16	0.614596	1.10
ANKRD9	ankyrin repeat domain-containing protein	7 167744169 167744966	0.053855	-1.44	0.948058	1.04	0.464957	-1.19
LOC107129830		5 139788515 139804622	0.053875	-3.06	0.560636	1.75	0.826495	-1.19
SEZ6L2	seizure 6-like protein 2 isoform X3	20 28335136 28387222	0.053928	2.81	0.746242	-1.44	0.904642	1.09
LOC102137503	Ig kappa chain V-II region TEW-like	13 17758374 17758883	0.053947	3.19	0.011906	32.33	0.776799	-1.21
PLEKHG1	pleckstrin homology domain-containing f	4 56835823 56994823	0.053947	1.36	0.881100	1.06	0.960882	1.01
BTN2A2	butyrophilin subfamily 2 member A2 isoform X1	4 144153645 144163388	0.053947	1.33	0.956287	-1.02	0.780731	-1.06
EXOC4	exocyst complex component 4 isoform X1	3 166081820 166902438	0.053947	1.13	0.811777	-1.04	0.060626	1.13
PBDC1	protein PBDC1 isoform X2	X 73197793 73202570	0.053947	-1.18	0.979469	-1.01	0.372502	-1.10
TRAPP3	trafficking protein particle complex subunit 3	6 65436538 65476836	0.053947	-1.31	0.388442	1.25	0.792230	1.05
AGFG1	uncharacterized protein LOC101866902	12 117289205 117352646	0.053947	-1.53	0.573089	1.28	0.707492	1.12
LOC102135565	neuroblastoma breakpoint family member 1	1 414 2206	0.053947	-2.90	0.184246	-3.43	0.782852	-1.23
STK33	serine/threonine-protein kinase 33 isoform X1	14 59282513 59453733	0.053952	2.28	0.979974	1.04	0.268991	-1.85
LOC107126753		11 87232831 87245282	0.053952	-1.55	0.341739	1.51	0.400485	1.25
TFIP11	tuftelin-interacting protein 11	10 25013125 25030726	0.054055	1.19	0.780940	-1.06	0.661646	-1.05
PSMA6	uncharacterized protein LOC101866963	7 99238140 99266676	0.054131	-1.26	0.900485	-1.04	0.699682	1.06
LOC102126622	protein PMS2CL	3 42111171 42117547	0.054133	1.30	0.348295	-1.26	0.773034	-1.06
ORMDL1	uncharacterized protein LOC101867514	12 78942257 78953132	0.054133	-1.37	0.172248	1.45	0.418405	1.18
SH3BGR1	SH3 domain-binding glutamic acid-rich-like protein 1	X 78191760 78285515	0.054147	-1.70	0.150797	1.93	0.273238	1.44
MFSD6L	major facilitator superfamily domain-containing protein 6-like	16 89266016 8927776	0.054156	4.58	0.579596	-2.84	0.425769	-2.24
PNMAL2	PNMA-like protein 2	19 47262997 47264901	0.054186	2.44	0.443218	-1.95	0.206026	2.00
ZBTB80S	protein archaese isoform X1	1 195322290 195356955	0.054192	-1.22	0.791694	-1.07	0.816258	1.03
COQ7	5-demethoxyubiquinone hydroxylase, mitochondrial	20 18425059 18435747	0.054356	1.37	0.437594	-1.27	0.271290	1.24
LGI4	leucine-rich repeat LGI family member 4	19 35567046 35581987	0.054400	1.79	0.646859	1.34	0.675303	-1.18
LOC102146235	protein argonaute-1 isoform X2	1 191946609 191983568	0.054400	1.14	0.510511	-1.09	0.470304	1.06
LOC102137553	protein phosphatase 1 regulatory inhibitor 1	16 32681863 32705037	0.054457	1.61	0.791192	1.17	0.288460	1.37
C11H12orf29	uncharacterized protein C11orf29 homolog	11 91553259 91574470	0.054457	-1.33	0.477712	1.22	0.844176	-1.04
DYRK2	dual specificity tyrosine-phosphorylation-kinase 2	11 66696274 66697860	0.054491	-1.49	0.795938	1.13	0.358852	1.26
ENY2	transcription and mRNA export factor ENY2	8 110454628 110463857	0.054559	-1.20	0.578069	-1.11	0.634848	-1.06
CDH5	cadherin-5	20 54482354 54506094	0.054587	1.42	0.111722	1.59	0.404874	1.21
RNF2	E3 ubiquitin-protein ligase RING2 isoform X1	1 43003590 43047174	0.054644	-1.35	0.780365	1.11	0.186403	1.28
CD164	sialomucin core protein 24 isoform X3	4 13275852 13289809	0.054689	-1.82	0.289491	1.79	0.530020	1.28
ELMSAN1	ELM2 and SANT domain-containing protein 1	7 138345133 138367132	0.054715	1.30	0.523602	1.19	0.084157	1.30
RAB23	ras-related protein Rab-23	4 113447117 113466201	0.054715	-1.34	0.002661	1.87	0.196654	1.26
LOC102142606	uncharacterized protein LOC102142606 isoform X1	20 44687536 44689401	0.054720	-1.96	0.341926	-1.71	0.203285	1.82
MATN2	matrilin-2 isoform X1	8 99035693 99187904	0.054727	2.03	0.756266	-1.29	0.716123	-1.20
TMEM255B	transmembrane protein 255B	17 96191434 96232004	0.054745	1.79	0.577741	1.42	0.518820	-1.28
FAM120A	LOW QUALITY PROTEIN: constitutive	15 107512722 107625655	0.054745	-1.28	0.557811	1.16	0.477768	1.12
GRIPAP1	GRIP1-associated protein 1 isoform X2	X 47507656 47538045	0.054780	1.16	0.562592	-1.09	0.355333	-1.09
ARMC1	armadillo repeat-containing protein 1 isoform X1	8 66811178 66830536	0.054780	-1.46	0.162867	1.58	0.194906	1.35
ALG13	putative bifunctional UDP-N-acetylglucosaminyl 4-epimerase	X 108752472 108833871	0.054820	-1.33	0.444652	1.24	0.951764	1.01
RAD54L2	helicase ARIP4 isoform X1	2 106795511 106865369	0.054848	1.25	0.869297	-1.05	0.417844	1.12
SOCS5	suppressor of cytokine signaling 5	13 63622539 63624149	0.054848	-1.52	0.075238	1.84	0.570873	1.17
RSPH1	radial spoke head 1 homolog	3 4267188 4288972	0.054898	5.33	0.974246	1.09	0.361978	-2.68
KRT5	keratin, type II cytoskeletal 5	11 51362372 51367763	0.055075	5.54	0.642234	2.42	0.203386	-3.86
CCDC17	coiled-coil domain-containing protein 17	1 181950044 181953611	0.055137	1.70	0.150931	-1.95	0.000238	-2.62
TNFRSF18	tumor necrosis factor receptor superfamily member 18	1 227209803 227212550	0.055137	1.65	0.520208	-1.38	0.846456	-1.07
PPP2R5E	serine/threonine-protein phosphatase 2A subunit regulatory B	7 127700688 127867250	0.055137	-1.27	0.521368	1.17	0.340846	1.16
UFM1	ubiquitin-fold modifier 1 isoform X1	17 17705090 17715941	0.055137	-1.46	0.684858	1.19	0.533119	1.17
IKBK1	inhibitor of nuclear factor kappa-B kinase subunit 1	8 43270531 43326749	0.055191	-1.15	0.813373	-1.04	0.728255	1.03
TSNAXIP1	translin-associated factor X-interacting protein 1	20 56006623 56030857	0.055223	3.11	0.912228	-1.22	0.575194	-1.58
PTP4A3	protein tyrosine phosphatase type IVA 3 isoform X1	8 142883575 142891670	0.055223	-1.41	0.655049	1.18	0.095604	-1.40
TICAM2	toll-like receptor adaptor molecule 2	6 114417613 114418320	0.055223	-1.51	0.859303	1.10	0.000532	2.03
ABHD4	abhydrolase domain-containing protein 4	7 86274941 86287245	0.055256	1.21	0.011906	-1.44	0.494050	-1.09
PREX2	phosphatidylinositol 3,4,5-trisphosphate-dependent kinase 2	8 69185463 69461711	0.055332	1.43	0.247031	1.47	0.101647	1.42
PPP5K1	serine/threonine-protein phosphatase 5	7 20521158 20578706	0.055341	1.29	0.880087	-1.05	0.573222	-1.11
NKAIN2	sodium/potassium-transporting ATPase subunit alpha-2	4 27844961 28879985	0.055400	3.27	0.125995	4.63	0.832721	1.20
FAM179A	LOW QUALITY PROTEIN: protein FAM179A	13 81747286 81805303	0.055530	4.36	0.529707	2.94	0.985794	-1.02
SDHAF3	succinate dehydrogenase assembly factor 3	3 114784724 114870432	0.055580	-1.23	0.813373	-1.07	0.762287	1.05
LDB1	LIM domain-binding protein 1 isoform X1	9 101099513 101114527	0.055586	1.36	0.686854	-1.15	0.858353	-1.04
APOBEC3A	DNA dC->dU-editing enzyme APOBEC3A	10 12263221 12268858	0.055589	-2.52	0.853391	-1.25	0.530326	-1.47
CD300LB	CMRF35-like molecule 7	16 71759092 71767670	0.055607	2.95	0.464675	-2.20	0.993595	-1.01
NAA30	N-alpha-acetyltransferase 30	7 121645094 121662905	0.055607	-1.51	0.337034	1.45	0.444785	1.23
SLA2	src-like-adaptor 2 isoform X1	10 68167230 68199586	0.055751	1.43	0.953349	-1.03	0.526479	-1.16
VMAC	vimentin-type intermediate filament-associated protein 1	19 6053686 6058555	0.055760	1.64	0.754553	1.21	0.966592	1.02
ZFP69	zinc finger protein ZFP69 isoform X2	1 187223144 187239739	0.055771	-1.21	0.814376	1.06	0.421459	1.11
AGO3	protein argonaute-3 isoform X1	1 191808152 191934529	0.055963	-1.28	0.800876	1.08	0.552525	-1.11
LARP6	la-related protein 6	7 48629938 48652439	0.056038	1.49	0.628935	-1.23	0.956695	1.02
CCDC148	coiled-coil domain-containing protein 148	12 46933514 47211194	0.056381	2.94	0.802585	1.41	0.946922	1.06
SUB1	activated RNA polymerase II transcription factor 1	6 33282279 33295175	0.056384	-1.27	0.699078	1.11	0.369972	1.15
LOC102140635		20 40347065 40351281	0.056424	3.31	0.526715	2.83	0.627189	1.58
FOXP3	forkhead box protein P3 isoform X4	X 47785648 47799127	0.056549	1.49	0.964585	1.03	0.287784	1.28
APOBR	apolipoprotein B receptor	20 27630275 27633987	0.056658	1.31	0.929287	-1.04	0.390063	1.16
CCDC60	coiled-coil domain-containing protein 60	11 123190158 123403475	0.056663	4.69	0.533725	4.36	0.891072	1.19
ENGASE	cytosolic endo-beta-N-acetylglucosaminidase 1	16 76424904 76436154	0.056686	1.33	0.656454	-1.15	0.402437	-1.17
C1H1orf198	uncharacterized protein C1orf198 homolog	1 18700155 18728357	0.056909	1.27	0.153091	1.34	0.437413	-1.13
MAD2L1BP	MAD2L1-binding protein	4 126912127 126916783	0.056909	-1.16	0.479562	-1.11	0.137694	-1.15
LOC107129787		5 86495862 86506148	0.056994	-4.37	1.000000	-1.06	0.616296	1.57
OSBP	oxysterol-binding protein 1	14 14439407 14480015	0.057056	1.21	0.917945	-1.03	0.678227	1.06
CARHSP1	calcium-regulated heat stable protein 1 isoform X1	20 9146708 9158298	0.057056	1.21	0.574553	1.12	0.798803	-1.04
NCOR2	nuclear receptor corepressor 2 isoform X3	11 128686525 128855826	0.057056	1.16	0.613389	-1.09	0.388333	-1.09
CLDN6	claudin-6	20 3291587 3292249	0.057056	-13.94	0.142817	-18.90	0.931219	-1.15
PSKH1	serine/threonine-protein kinase H1	20 56116370 56137515	0.057067	1.22	0.859496	-1.05	0.677751	-1.06
ATP5S	ATP synthase subunit s, mitochondrial isoform X1	7 114528582 114541260	0.057167	1.36	0.471063	1.26	0.224218	1.27

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
BUB3	mitotic checkpoint protein BUB3 isoform	9 122434705 122444853	0.057167	-1.37	0.990598	-1.01	0.476902	1.16
PHOSPHO2	pyridoxal phosphate phosphatase PHOSP	12 58578408 58579133	0.057167	-1.46	0.329312	1.42	0.763667	1.09
PTX3	pentraxin-related protein PTX3	2 59824374 59830278	0.057167	-3.43	0.428692	2.61	0.315566	-2.21
LOC107130061		6 126504514 126507609	0.057290	-2.03	0.978777	-1.03	0.431010	1.43
ATAD2B	ATPase family AAA domain-containing p	13 87041493 87272112	0.057444	-1.30	0.672694	1.13	0.850043	1.04
KPTN	kaptein	19 48299451 48308966	0.057477	-1.38	0.486860	-1.26	0.367898	-1.21
FAM159A	membrane protein FAM159A isoform X1	1 174839723 174862924	0.057570	3.27	0.103352	-7.09	0.965144	-1.04
NBL1	neuroblastoma suppressor of tumorigenic	1 208770334 208783122	0.057596	1.30	0.035825	-1.55	0.476581	-1.13
LRRC46	leucine-rich repeat-containing protein 46	16 33151995 33157173	0.057726	2.59	0.688126	-1.54	0.528623	-1.51
TMEM2	transmembrane protein 2 isoform X2	15 82437975 82507739	0.057792	1.55	0.023412	2.18	0.999236	-1.00
LOC102130747	cytochrome c-type heme lyase	X 8815632 8825390	0.057792	-1.29	0.575151	1.17	0.870412	1.03
LOC107127540	LOW QUALITY PROTEIN: uncharacteri	15 100943881 100944451	0.057871	3.09	0.936995	1.13	0.082351	-4.17
WIZ	protein Wiz isoform X3	19 15728527 15753915	0.058039	1.15	0.577449	-1.09	0.939295	-1.01
CNTN2	contactin-2	1 63554039 63574685	0.058040	4.70	0.200984	-3.27	0.871675	-1.12
C15H9orf50	uncharacterized protein C9orf50 homolog	15 7327 14792	0.058040	3.14	0.914234	1.19	0.555685	-1.55
ST8SIA1	alpha-N-acetylneuraminide alpha-2,8-sial	11 22877176 23014184	0.058040	1.49	0.727216	1.18	0.920700	-1.03
STARD8	star-related lipid transfer protein 8 isofor	X 65654622 65733550	0.058040	1.35	0.007314	1.84	0.828074	1.05
TRIM26	tripartite motif-containing protein 26 isof	4 140757129 140769881	0.058040	1.19	0.614346	-1.10	0.876501	-1.02
OTUD4	OTU domain-containing protein 4 isoform	5 144261509 144315062	0.058040	-1.33	0.092740	1.50	0.678379	1.09
C4BPB	C4b-binding protein beta chain isoform X	1 65668354 65678640	0.058068	3.32	0.778436	1.57	0.583275	1.63
NUFIP1	nuclear fragile X mental retardation-intera	17 24155054 24213074	0.058068	-1.34	0.596504	1.18	0.978457	-1.01
HNRNPUL1	heterogeneous nuclear ribonucleoprotein U	19 41827026 41872357	0.058167	1.20	0.310649	-1.19	0.535504	1.08
TRPM8	transient receptor potential cation channel	12 123752814 123843385	0.058201	3.02	0.576171	-1.60	0.298240	-1.79
PSMA1	proteasome subunit alpha type-1 isoform	14 53124179 53230498	0.058321	-1.21	0.986857	-1.01	0.513361	1.09
C10H22orf23	UPF0193 protein EVG1 isoform X2	10 13258551 13266985	0.058386	4.12	0.819069	1.64	0.365982	-2.55
SOAT2	sterol O-acyltransferase 2 isoform X1	11 51955431 51968951	0.058386	-1.42	0.026896	-1.86	0.107198	-1.42
CFH	complement factor H isoform X7	1 54927304 55103908	0.058410	1.40	0.363109	-1.34	0.045912	1.47
ADCK4	aaarf domain-containing protein kinase 4 i	19 41205521 41231181	0.058410	1.21	0.289491	-1.21	0.130825	-1.19
RWDD4	RWD domain-containing protein 4 isofor	5 183036059 183052760	0.058571	-1.29	0.045926	1.50	0.233921	1.21
CTNBP1	beta-catenin-interacting protein 1 isoform	1 218312431 218374066	0.058615	-1.21	0.329312	-1.19	0.330730	-1.12
KIAA0355	uncharacterized protein LOC101925994	19 34746100 34797686	0.058646	1.32	0.385680	1.26	0.900412	1.03
KCNE4	LOW QUALITY PROTEIN: potassium v	12 112814459 112815671	0.058770	1.70	0.021165	2.75	0.668883	1.17
JAKMIP2	janus kinase and microtubule-interacting p	6 146850211 146932694	0.058785	2.74	0.388909	-2.32	0.787658	1.22
LOC102129423		19 43291060 43660546	0.058845	-6.35	1.000000	-1.07	0.930470	1.11
SOX2	transcription factor SOX-2	2 86337647 86338606	0.058858	4.92	0.985599	1.05	0.727153	-1.49
LOC101866521	serotransferrin	2 35925255 35957347	0.058894	2.02	0.581154	1.51	0.005208	2.84
TIAM1	T-lymphoma invasion and metastasis-indu	3 15507370 15655445	0.058949	1.38	0.775989	-1.12	0.995876	1.00
LOC102122290		X 5531195 5991137	0.058982	-2.17	0.506832	1.69	0.238510	-1.77
AQP6	aquaporin-6 isoform X2	11 48829286 48831996	0.059321	8.90	1.000000	-2.14	0.244918	-6.06
ZNF148	zinc finger protein 148	2 146825682 146899200	0.059358	-1.36	0.103684	1.52	0.284004	1.23
RNFT1	RING finger and transmembrane domain-	16 45527714 45539986	0.059363	-1.49	0.917476	1.06	0.617326	1.15
RGP1	RAB6A-GEF complex partner protein 2 i	15 43357632 43361084	0.059405	1.19	0.961614	-1.01	0.720820	-1.05
SDSL	serine dehydratase-like isoform X1	11 117146710 117167807	0.059405	-1.35	0.000000	-2.57	0.003509	-1.55
LOC102124108		2 14781121 14798710	0.059405	-3.79	0.691731	1.76	0.460183	1.92
LOC107126796		11 125409031 125410385	0.059422	-1.61	0.073194	2.07	0.674351	-1.17
SRSF12	serine/arginine-rich splicing factor 12 isof	4 84876182 84895677	0.059455	-1.58	0.751819	-1.19	0.619466	-1.16
LOC102119743	C-C motif chemokine 3-like	16 39727 41102	0.059516	-2.42	0.464525	-1.92	0.966419	-1.03
OTOG	otogelin	14 50080404 50118508	0.059702	3.68	0.006816	13.96	0.961142	-1.06
IKZF5	zinc finger protein Pegasus	9 122278726 122283565	0.059702	-1.42	0.055752	1.73	0.625421	1.12
LOC102143642		4 26773907 26778162	0.059708	2.18	0.912077	1.12	0.406904	1.52
PGM3	phosphoacetylglucosamine mutase isofor	4 90677115 90699335	0.059708	-1.34	0.906697	-1.03	0.969129	-1.01
MND1	meiotic nuclear division protein 1 homolo	5 152580089 152648699	0.059708	-1.70	0.671579	-1.28	0.643196	-1.19
ATP6AP1L	V-type proton ATPase subunit S1-like pro	6 80572456 80588035	0.059708	-1.74	0.885676	1.11	0.409716	1.35
DYDC2	DPY30 domain-containing protein 2	9 55564997 55569410	0.059712	9.28	0.959075	1.23	0.924825	-1.19
LOC102147000	golgin subfamily A member 6-like protein	19 19784119 19791284	0.059712	4.37	0.681824	-1.59	0.929905	1.08
LOC102128519		18 59103194 59118742	0.059712	2.36	0.940765	-1.09	0.312343	-1.67
DNAJC9	dnaJ homolog subfamily C member 9 iso	9 62305342 62320173	0.059712	-1.17	0.793442	-1.05	0.624964	-1.05
SPTBN4	spectrin beta chain, non-erythrocytic 4	19 40963685 41083584	0.059712	-1.39	0.000081	-2.62	0.440645	-1.19
ZDHHC20	probable palmitoyltransferase ZDHHC20	17 2002107 2008039	0.059712	-1.59	0.960153	1.04	0.233824	1.41
LOC102134385		7 84599456 84605851	0.059717	3.61	0.693558	1.70	0.277546	2.42
LOC102130471	ankyrin repeat domain-containing protein	20 34134112 34218110	0.059717	2.63	0.010327	6.69	0.029584	-3.29
ARMCX3	armadillo repeat-containing X-linked prot	X 98762046 98763185	0.060007	-1.37	0.300651	1.36	0.629475	1.11
SLC19A2	thiamine transporter 1 isoform X1	1 27422289 27438309	0.060007	-1.42	0.665995	1.18	0.871015	1.04
LOC107130034		6 95214273 95221194	0.060007	-3.37	0.395828	2.70	0.623956	1.50
CEP44	centrosomal protein of 44 kDa isoform X	5 173551508 173581807	0.060066	-1.23	0.658921	-1.11	0.482120	1.11
ZNF660	zinc finger protein 660	2 99582310 99583305	0.060085	1.57	0.342041	1.50	0.607043	-1.17
CD19	B-lymphocyte antigen CD19 isoform X3	20 27396251 27403852	0.060310	2.10	0.196931	-2.42	0.934358	1.05
LOC102146302		12 18288816 18291040	0.060392	-2.14	0.282040	2.11	0.215695	-1.79
MFG8	milk fat globule-EGF factor 8 protein pre	7 69110728 69124700	0.060396	1.67	0.215839	-1.78	0.575460	-1.22
LOC101865722		8 58025462 58029486	0.060396	-1.27	0.010798	1.59	0.599866	1.09
TAF5	transcription initiation factor TFIIID subun	9 102423859 102446003	0.060455	-1.19	0.816917	1.06	0.927551	-1.01
FMO2	dimethylamine monoxygenase [N-oxide	1 29147125 29167714	0.060543	1.71	0.755129	1.22	0.957256	1.03
FBXO42	F-box only protein 42 isoform X1	1 212104911 212171239	0.060543	-1.11	0.085276	-1.17	0.791964	1.02
ELP6	elongator complex protein 6	2 102541731 102559958	0.060543	-1.27	0.131806	-1.37	0.510738	-1.11
MORN3	MORN repeat-containing protein 3	11 125676225 125695427	0.060544	2.88	0.615515	-1.97	0.859666	1.17
RAB3C	ras-related protein Rab-3C isoform X1	6 58075084 58360685	0.060544	2.37	0.832487	-1.33	0.813374	-1.16
KIAA1644	uncharacterized protein KIAA1644 homo	10 6694983 6751519	0.060544	2.36	0.293629	2.34	0.710680	-1.25
FZD9	frizzled-9	3 48062234 48064009	0.060544	2.33	0.215284	2.56	0.900615	-1.09
CBX7	chromobox protein homolog 7 isoform X	10 12052838 12071659	0.060544	1.61	0.849552	1.13	0.716275	-1.13
CGGBP1	CGG triplet repeat binding protein 1	2 180113654 180114161	0.060574	-1.37	0.327904	1.34	0.375479	1.20
SEMA4B	semaphorin-4B isoform X1	7 70512257 70539240	0.060892	1.30	0.414176	-1.24	0.239377	1.22
EIF3L		10 13326308 13368594	0.060892	1.20	0.215329	-1.23	0.667976	-1.06
LOC102133162	uncharacterized protein C22orf15 homolo	0 196219 198670	0.061043	4.65	0.879782	-1.43	0.329598	-2.73
DRC1	dynein regulatory complex protein 1	13 84433570 84488946	0.061043	3.04	0.598121	-1.89	0.084319	-3.16
LUZP6	leucine zipper protein 6	3 168900407 168902127	0.061043	-1.64	0.189849	1.79	0.476625	1.26
WNT6	protein Wnt-6 isoform X1	12 108552118 108557060	0.061220	2.48	0.845810	-1.37	0.825602	1.22
TTL7	tubulin polyglutamylase TTL7	1 143311362 143394158	0.061320	-1.36	0.358660	-1.32	0.692538	-1.09

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
LOC101865018	aldo-keto reductase family 1 member B10	3 167386840 167399647	0.061350	-1.46	0.000170	-2.69	0.268374	1.30
AKNA	AT-hook-containing transcription factor is	15 23198136 23240945	0.061405	1.31	0.130012	-1.42	0.061508	1.34
PARP1	poly [ADP-ribose] polymerase 1	1 85217888 85264218	0.061405	1.28	0.881958	1.05	0.265739	1.19
GTF2H1	general transcription factor IIH subunit 1	14 49315211 49335312	0.061405	-1.20	0.938396	1.02	0.722259	1.05
TFB1M	dimethyladenosine transferase 1, mitocho	4 61602030 61655916	0.061654	-1.23	0.954110	-1.02	0.749525	-1.05
AMMECR1	AMME syndrome candidate gene 1 prote	X 107329013 107458560	0.061662	-1.32	0.735662	1.12	0.702877	1.08
RSBN1	round spermatid basic protein 1	1 112961864 113009566	0.061844	-1.43	0.131654	1.60	0.299267	1.27
AK7	adenylate kinase 7	7 161481871 161586883	0.061876	4.99	0.913575	1.33	0.555591	-1.98
LOC107129415		4 38632306 38651968	0.061906	2.60	0.803911	-1.41	0.048265	3.41
LOC102146685		13 39550620 39555393	0.061938	2.84	0.329636	3.30	0.730623	-1.29
C1R	complement C1r subcomponent	11 7412536 7495768	0.061938	1.38	0.314390	-1.36	0.667948	1.10
ADCYAP1	LOW QUALITY PROTEIN: pituitary ad	18 62154514 62160557	0.061967	2.04	0.930516	1.10	0.000000	-6.12
LOC102144397	leukocyte immunoglobulin-like receptor s	19 55598182 55601011	0.061987	2.94	0.225047	-3.30	0.278210	2.12
CRMP1	dihydropyrimidinase-related protein 1 iso	5 7082761 7150378	0.061987	1.99	0.516832	-1.59	0.239342	1.66
LOC102136297	Ig lambda chain V-1 region BL2-like isofc	10 28438839 29131785	0.061987	1.89	0.930434	1.09	0.936421	-1.04
SIPA1L3	signal-induced proliferation-associated 1-	19 38487400 38622610	0.061987	1.26	0.453732	-1.19	0.598876	-1.09
TMEM126A	transmembrane protein 126A	14 81219411 81226023	0.061987	-1.24	0.865661	1.05	0.865452	-1.03
LOC107129149	T-cell receptor beta chain V region CTL-I	3 175427624 175429895	0.061987	-164.42	1.000000	1.00	0.978704	-1.11
DUSP11	RNA/RNP complex-1-interacting phosph	13 36139053 36158603	0.062140	-1.23	0.943726	-1.02	0.951068	-1.01
CSPG4	chondroitin sulfate proteoglycan 4	7 53867246 53881535	0.062199	1.47	0.771702	1.15	0.435809	1.22
FAM221B	protein FAM221B isoform X3	15 43284139 43291611	0.062277	2.14	0.811994	-1.30	0.498446	-1.43
C4H6orf1	uncharacterized protein C6orf1 homolog	4 136570919 136572462	0.062304	-1.33	0.556013	-1.19	0.375631	-1.18
B4GALT6	beta-1,4-galactosyltransferase 6 isoform X	18 50587967 50648583	0.062321	-1.77	0.017716	2.90	0.838912	-1.09
PPP2R3C	serine/threonine-protein phosphatase 2A r	7 99035775 99070651	0.062350	-1.22	0.866742	1.05	0.695878	-1.06
AURKC	aurora kinase C	19 57886801 57891675	0.062410	-2.47	0.027733	-5.13	0.903112	1.09
TRIM56	E3 ubiquitin-protein ligase TRIM56	3 45399231 45401498	0.062534	1.37	0.356989	1.33	0.426118	1.18
KIAA0430	meiosis arrest female protein 1 isoform X	20 15639824 15681726	0.062534	1.21	0.988314	-1.00	0.996453	1.00
TMPO	thymopoietin isoform X2	11 102218893 102251909	0.062534	-1.39	0.674994	1.17	0.347322	1.22
CTBS	uncharacterized protein LOC101865724 p	1 142684043 142702766	0.062534	-1.48	0.924840	-1.06	0.491458	1.20
LOC102136102	39S ribosomal protein L49, mitochondria	6 113643274 113643717	0.062575	2.46	0.300687	2.35	0.778975	1.19
LOC107127609		15 23492041 23497004	0.062714	2.92	0.613521	-1.74	0.911278	1.10
UNC13A	protein unc-13 homolog A	19 17939066 18032065	0.062714	2.21	0.677945	-1.60	0.366149	-1.68
LOC107130504		7 170185216 170187252	0.062714	1.51	0.024098	2.13	0.118738	-1.48
ZC3H3	zinc finger CCCH domain-containing pro	8 145064789 145162521	0.062714	1.26	0.444023	-1.19	0.751204	-1.05
MTSS1	metastasis suppressor protein 1 isoform X	8 125902339 126085379	0.062714	-1.28	0.633550	-1.14	0.967189	-1.01
DCSTAMP	dendritic cell-specific transmembrane prot	8 105515541 105523181	0.062714	-3.42	0.719819	-1.66	0.069526	-3.68
SLC6A2	sodium-dependent noradrenaline transport	20 43535067 43584375	0.062791	8.51	1.000000	6.12	0.425449	-2.85
TUBA4A	tubulin alpha-4A chain isoform X1	12 108941742 108945709	0.062791	1.23	0.178483	1.29	0.709671	1.06
TMEM19	transmembrane protein 19 isoform X2	11 70753937 70768261	0.062791	-1.29	0.993669	-1.00	0.559082	1.11
HADC2	very-long-chain (3R)-3-hydroxyacyl-CoA	2 148558546 148652125	0.062891	-1.23	0.786325	1.07	0.785600	1.04
PARS2	probable proline-tRNA ligase, mitochon	1 172644612 172650907	0.063085	1.21	0.718687	-1.07	0.606800	-1.07
DDR2	discoidin domain-containing receptor 2 is	1 88931259 89015135	0.063177	1.63	0.793333	1.17	0.298098	1.39
LOC107126499		16 17240010 17246583	0.063229	4.52	0.360878	-3.90	0.923755	1.10
PHF20L1	PHD finger protein 20-like protein 1 isofc	8 134147783 134216423	0.063229	-1.24	0.519707	1.15	0.286471	1.16
PCED1B	PC-esterase domain-containing protein 1E	11 45928003 45929301	0.063311	1.51	0.852661	-1.11	0.948774	1.02
LOC107128156	flocculation protein FLO11-like	19 3561706 3564726	0.063393	1.44	0.153466	1.59	0.835467	-1.06
KCNH3	potassium voltage-gated channel subfamil	11 48397195 48415664	0.063397	1.48	0.772467	-1.15	0.252869	-1.35
YIF1B	protein YIF1B isoform X2	19 38735082 38745977	0.063481	-1.31	0.086736	-1.48	0.638074	-1.09
ALPK1	alpha-protein kinase 1 isoform X1	5 111732479 111795421	0.063540	1.32	0.206663	1.38	0.808203	-1.05
DPY30	protein dpy-30 homolog isoform X1	13 78693671 78710002	0.063540	-1.17	0.738857	-1.06	0.699781	-1.04
LOC102116058		1 112876752 112961692	0.063540	-1.74	0.714484	1.26	0.529222	-1.27
PREB	prolactin regulatory element-binding prote	13 83743208 83746228	0.063577	-1.23	0.793556	-1.07	0.800489	-1.04
7-Mar	#N/A	#N/A	0.063704	-1.37	0.485724	1.25	0.246524	1.26
RNF216	E3 ubiquitin-protein ligase RNF216 isofc	3 40281570 40440716	0.063710	1.20	0.576259	-1.11	0.317837	1.13
ZNF326	DBIRD complex subunit ZNF326 isoform	1 137273665 137309173	0.063730	-1.26	0.493099	1.18	0.914864	1.02
RARB	retinoic acid receptor beta isoform X1	2 21815351 22238146	0.063738	1.41	0.308406	1.41	0.238958	1.30
GABRP	gamma-aminobutyric acid receptor subun	6 170375874 170395871	0.063746	4.53	0.663957	2.26	0.799274	-1.35
LOC102146914	hydroxycarboxylic acid receptor 2	11 126926293 126927384	0.063779	1.93	0.912520	-1.11	0.222323	1.68
C18H1orf32	UPF0729 protein C18orf32 homolog	18 32337590 32338990	0.063923	-1.25	0.432985	1.19	0.793809	1.04
TMEM144	transmembrane protein 144 isoform X1	5 157506049 157554914	0.063951	-1.52	0.118421	1.76	0.656117	1.14
CXCR5	C-X-C chemokine receptor type 5 isoform	14 114899658 114910192	0.064002	2.25	1.149919	-2.85	0.995415	1.00
CNOT1	CCR4-NOT transcription complex subuni	20 46568737 46663835	0.064002	1.20	0.557614	-1.12	0.830033	-1.03
FUNDC1	FUN14 domain-containing protein 1	X 42805602 42830777	0.064002	-1.20	0.518077	-1.13	0.909332	1.02
ACTN3	alpha-actinin-3	14 7932606 7948049	0.064022	1.74	0.909577	-1.10	0.543757	-1.25
EMP3	epithelial membrane protein 3	19 49141517 49145495	0.064139	-1.47	0.660223	-1.21	0.110914	-1.45
THOC3	THO complex subunit 3 isoform X1	6 175681340 175689383	0.064279	1.15	0.028631	-1.28	0.228806	-1.11
IL13RA2	interleukin-13 receptor subunit alpha-2	X 111927866 111941343	0.064287	2.52	0.750109	1.47	0.232331	-2.05
LOC102136482	inositol hexakisphosphate and diphosphoi	7 91 15282	0.064287	1.76	0.969025	-1.04	0.587579	1.24
LOC107128189		19 3683092 3708133	0.064287	1.75	0.468599	-1.47	0.560854	1.24
MIER3	mesoderm induction early response protei	6 56400704 56430614	0.064287	-1.45	0.221292	1.52	0.284004	1.30
ARNTL2	aryl hydrocarbon receptor nuclear transloc	11 28032952 28107246	0.064665	-1.57	0.229757	-1.65	0.816437	1.08
BBS9	protein PTHB1 isoform X3	3 86942964 87435079	0.064674	1.23	0.453986	-1.17	0.703160	-1.06
CETN3	centrin-3 isoform X1	6 88793334 88808659	0.064715	-1.19	0.456887	1.14	0.258984	1.14
SPDL1	protein Spindly isoform X2	6 169189668 169205452	0.064715	-1.54	0.862392	-1.11	0.301013	1.33
FRMPD4	FERM and PDZ domain-containing prote	X 9597376 10475182	0.064728	3.16	0.204363	3.76	0.891341	1.13
ZHX2	zinc fingers and homeoboxes protein 2	8 124309662 124312175	0.064728	1.27	0.344883	1.24	0.645209	1.08
LOC102141085		15 46321118 46322127	0.064728	-1.25	0.184778	1.32	0.553793	-1.10
LPAR6	lysophosphatidic acid receptor 6	17 27581841 27582875	0.064728	-1.55	0.734214	1.20	0.373545	1.29
GPR146	probable G-protein coupled receptor 146	3 35934401 35935402	0.064771	1.68	0.193888	1.87	0.930424	1.04
GHV	growth hormone variant precursor	16 61170625 61172073	0.064771	-5.40	0.978777	1.07	0.911742	1.12
HTR2B	5-hydroxytryptamine receptor 2B	12 120919639 120936460	0.064889	2.73	0.179105	2.94	0.762195	1.22
IL5RA	interleukin-5 receptor subunit alpha isofc	2 133955957 133991830	0.064939	5.10	0.729014	1.88	0.995629	1.01
PGRMC1	membrane-associated progesterone recept	X 115922356 115929227	0.064939	-1.21	0.093809	1.32	0.253916	1.15
VMA21	vacuolar ATPase assembly integral memb	X 148303461 148311475	0.064939	-1.28	0.213458	1.33	0.437413	1.14
FAM3C	protein FAM3C	3 154125641 154157814	0.064939	-1.52	0.204714	1.63	0.727153	1.11
RM12	recQ-mediated genome instability protei	20 11618314 11624024	0.064939	-1.71	0.856998	-1.14	0.947684	-1.03
S100A11	protein S100-A11	1 99879861 99884121	0.065093	-1.35	0.478066	-1.24	0.511290	-1.14

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
ARHGEF10L	rho guanine nucleotide exchange factor 10	1 210793598 210911435	0.065109	-1.49	0.312778	-1.47	0.857760	1.06
SERPINA5	plasma serine protease inhibitor isoform X1	7 159627247 159637595	0.065214	2.11	0.506301	1.80	0.311679	-1.70
IFT46	intraflagellar transport protein 46 homolog	14 114547707 114558358	0.065214	1.15	0.585877	-1.09	0.237266	-1.11
LOC102140442	lymphocyte antigen 6H	8 144694153 144695710	0.065255	7.55	1.000000	2.83	0.358852	2.72
LOC107130096		6 151941266 152037745	0.065255	3.49	0.780365	1.34	0.604891	1.48
LOC102124047	putative V-set and immunoglobulin domain protein myo-inositol cotransporter	0 537644 538401	0.065255	2.40	0.760043	1.37	0.416953	1.56
ITGA8	integrin alpha-8 isoform X2	9 16053886 16249148	0.065255	1.58	0.360379	1.50	0.594695	1.18
SLC35G1	solute carrier family 35 member G1 isoform X1	9 92414070 92421850	0.065255	-1.31	0.395208	1.26	0.152703	1.28
ACTR13	actin-related protein T3	2 73965820 73968332	0.065255	-1.33	0.588878	1.19	0.930592	-1.02
LOC101865988		10 24849461 24868945	0.065425	1.60	0.389595	1.49	0.743129	1.12
LOC102130657	torsin-1A-interacting protein 2, isoform 1	1 37818456 37818851	0.065584	-1.15	0.085276	1.24	0.712533	-1.04
SLC2A13	transmembrane protein myo-inositol cotransporter	11 38167634 38535252	0.065584	-1.51	0.444023	1.38	0.585309	1.67
SPATA2L	spermatogenesis-associated protein 2-like	20 78140423 78144304	0.065709	-1.46	0.767911	-1.15	0.156920	-1.40
PAG1	phosphoprotein associated with glycosylated	8 82151599 82168441	0.065713	-1.36	0.542118	1.22	0.114187	1.34
TRIAP1	TP53-regulated inhibitor of apoptosis 1	11 124349673 124351139	0.065745	-1.19	0.847444	1.04	0.399772	1.05
SLC22A16	solute carrier family 22 member 16 isoform X1	4 14285262 14337878	0.065796	3.06	0.879354	1.31	0.957048	1.06
CCL21	chemokine (C-C motif) ligand 21 precursor	15 44418984 44419649	0.065950	1.85	0.954110	1.06	0.671709	1.20
TNRC6C	trinucleotide repeat-containing gene 6C protein	16 75383994 75474984	0.065950	1.20	0.422516	-1.16	0.465190	1.10
LSM8	LSM8 homolog, U6 small nuclear RNA associated	3 150694434 150702159	0.065950	-1.21	0.882966	-1.04	0.962148	1.01
ABHD13	alpha/beta hydrolase domain-containing protein 13	17 90727110 90728123	0.066081	-1.42	0.591341	1.23	0.305326	1.26
POLE4	DNA polymerase epsilon subunit 4 isoform X1	13 34870836 34931103	0.066384	-1.30	0.665933	-1.14	0.280600	-1.20
METTL18	histidine protein methyltransferase 1 homolog	1 27744437 27751844	0.066411	-1.23	0.781141	-1.07	0.372870	1.13
ACP2	lysosomal acid phosphatase	14 20308041 20316974	0.066673	-1.39	0.153661	-1.52	0.598942	-1.13
ZNF655	zinc finger protein 655 isoform X1	3 43829728 43843572	0.066677	-1.23	0.409489	1.18	0.775502	-1.04
FAM117A	protein FAM117A isoform X2	16 35097760 35154927	0.066718	1.30	0.038089	-1.56	0.733446	-1.07
VPS9D1	VPS9 domain-containing protein 1	20 78149624 78159527	0.066718	-1.50	0.676345	-1.22	0.765553	-1.09
LOC102141029	60S ribosomal protein L21	4 113266613 113267095	0.066733	2.23	0.900485	1.15	0.603274	-1.33
DCAF10	DDb1- and CUL4-associated factor 10 isoform X1	15 41114596 411179255	0.066733	-1.25	0.437042	1.19	0.506499	1.11
ZMPSTE24	CAAX prenyl protease 1 homolog isoform X1	1 187412125 187466127	0.066733	-1.47	0.329312	1.44	0.461425	1.21
PRSS16	thymus-specific serine protease isoform X1	4 143578537 143585502	0.067026	-1.32	0.854827	-1.07	0.312343	1.20
BCAS4	breast carcinoma-amplified sequence 4 isoform X1	10 82624832 82714299	0.067148	1.53	0.689785	-1.21	0.456574	-1.23
NUFIP2	nuclear fragile X mental retardation-interacting protein unc-50 homolog	16 25542057 25574396	0.067148	-1.42	0.409136	1.33	0.699728	1.10
UNC50	protein unc-50 homolog	13 2829267 2843778	0.067150	-1.17	0.965070	-1.01	0.994881	-1.00
UBA6	ubiquitin-like modifier-activating enzyme	5 66615615 66687920	0.067150	-1.36	0.215134	1.42	0.574625	1.13
LOC102129087	Ig kappa chain V-III region VG-like isoform X1	13 19129648 19130314	0.067171	2.29	0.819669	1.27	0.074775	2.40
TCPI1L2	T-complex protein 11-like protein 2	11 110024966 110060401	0.067171	1.42	0.613838	-1.22	0.978587	-1.01
ND4	NADH dehydrogenase subunit 4	MT_10759_12136	0.067171	-1.44	0.690684	-1.18	0.700864	-1.11
ZNF587	zinc finger protein 587 isoform X2	19 58458963 58494942	0.067226	1.20	0.572388	-1.12	0.874957	1.02
TATDN2	putative deoxyribonuclease TATDN2	2 141220820 141268509	0.067226	1.13	0.411047	-1.10	0.442221	-1.06
TIPRL	TIP41-like protein	1 26141402 26163085	0.067228	-1.28	0.701685	1.12	0.323909	1.18
PLEKHB2	pleckstrin homology domain-containing protein 2	12 25951 57060	0.067228	-1.47	0.926131	-1.05	0.735726	-1.10
C20H16orf74	uncharacterized protein C16orf74 homolog	20 74063093 74092141	0.067365	1.41	0.972464	1.02	0.339611	-1.22
C4H6orf106	uncharacterized protein C6orf106 homolog	4 136088280 136205104	0.067365	1.17	0.411140	-1.14	0.496492	-1.07
TLCD1	calfacitilin isoform X2	16 24973659 24976029	0.067365	-1.42	0.057972	-1.71	0.195112	-1.32
PLCE1	1-phosphatidylinositol 4,5-bisphosphate phosphatase	9 92546192 92870136	0.067523	1.38	0.491360	1.26	0.620711	-1.12
ZNF629	zinc finger protein 629	20 29414453 29417226	0.067568	1.40	0.882966	1.07	0.415088	1.20
TMIE	transmembrane inner ear expressed protein	2 101722921 101730748	0.067568	-1.67	0.677945	-1.29	0.90240	-1.72
MMP19	matrix metalloproteinase-19	11 54746866 54752646	0.067568	-1.79	0.978777	-1.03	0.000456	-2.85
TXN	thioredoxin	15 27430317 27442887	0.067597	-1.34	0.283043	-1.35	0.308449	-1.22
PRPF38B	pre-mRNA-splicing factor 38B	1 118106930 118114412	0.067678	-1.18	0.337792	1.17	0.752698	1.04
LOC102136964	leukocyte-associated immunoglobulin-like protein 1	19 55270605 55280197	0.067678	-1.54	0.212690	-1.64	0.452213	-1.97
CMC2	COX assembly mitochondrial protein 2 homolog	20 69227309 69250050	0.067792	-1.32	0.973217	-1.02	0.459784	-1.15
TMEM231	transmembrane protein 231 isoform X1	20 63702215 63725381	0.067821	1.31	0.882403	-1.06	0.939361	1.02
UCHL3	ubiquitin carboxyl-terminal hydrolase isoform X1	17 58011197 58087907	0.067821	-1.55	0.516100	1.35	0.891968	1.05
CCR10	C-C chemokine receptor type 10	16 54435156 54437439	0.067874	1.95	0.549351	-1.41	0.570213	1.22
MYEF2	myelin expression factor 2 isoform X2	7 25087592 25122813	0.067874	-1.28	0.094015	1.44	0.561082	1.11
CABP7	calcium-binding protein 7	10 21747259 21756791	0.067888	5.38	1.000000	-1.06	0.221366	3.22
UBE2Q2	ubiquitin-conjugating enzyme E2 Q2 isoform X1	7 54104983 54162969	0.067889	-1.35	0.167735	1.45	0.219277	1.27
AGL	glycogen debranching enzyme	1 126933967 127003451	0.068014	-1.35	0.453500	1.26	0.217201	1.27
KMT2D	histone-lysine N-methyltransferase 2D	11 47852563 47886885	0.068158	1.15	0.843736	-1.04	0.722817	1.04
WDR20	WD repeat-containing protein 20 isoform X1	7 167365393 167449909	0.068158	-1.13	0.163281	1.18	0.710680	-1.04
DPPA2	developmental pluripotency-associated protein 2	2 162869986 162882465	0.068535	2.29	0.179105	-2.68	0.561590	-1.38
CARNMT1	carnosine N-methyltransferase	15 85787382 85829946	0.068578	-1.63	0.448471	1.46	0.511042	1.25
LY6G5C	lymphocyte antigen 6 complex locus protein 5C	4 139191579 139194990	0.068585	4.89	0.938898	-1.15	0.305326	-2.34
SPATA33	spermatogenesis-associated protein 33 isoform X1	20 78101936 78111581	0.068616	-1.26	0.799947	1.08	0.268000	-1.19
LAIR2	leukocyte-associated immunoglobulin-like protein 2	19 55426607 55434296	0.068620	1.71	0.001252	-3.58	0.821762	1.11
LOC102119366	C-C motif chemokine 4-like	16 55926 57354	0.068814	-1.61	0.900293	1.09	0.750140	-1.12
PHF1	PHD finger protein 1 isoform X2	4 137351142 137355302	0.068883	1.29	0.753713	1.11	0.293571	-1.20
LOC102147046	adhesion G protein-coupled receptor E4-like	19 9692 28640	0.068945	5.01	0.621747	-2.28	0.580758	-1.82
TTC29	tetratricopeptide repeat protein 29	5 145793088 146066234	0.068945	3.95	0.712945	2.18	0.503377	-2.05
INTS8	integrator complex subunit 8 isoform X1	8 95965279 96021879	0.068945	-1.15	0.677538	-1.07	0.421583	1.08
LOC102143570		7 108307457 108411684	0.068945	-2.14	0.913887	1.12	0.647374	-1.29
ANKRD31	putative ankyrin repeat domain-containing protein 31	6 73313398 73472678	0.068961	2.97	0.428707	2.51	0.956819	-1.05
KATNB1	katanin p80 WD40 repeat-containing subunit 1	20 45768902 45788371	0.068961	1.22	0.035637	-1.43	0.499589	-1.10
DNAJB4	dnaJ homolog subfamily B member 4 isoform X1	1 149206564 149218493	0.068990	-1.40	0.018586	1.89	0.899708	1.04
ARVCF	armadillo repeat protein deleted in velo-cardio-facial syndrome	10 31464386 31484475	0.069074	1.51	0.473638	-1.35	0.210026	-1.39
PKNOX2	homeobox protein PKNOX2 isoform X1	14 121171753 121253035	0.069100	1.48	0.425291	1.38	0.666140	1.13
C4H6orf62	uncharacterized protein C6orf62 homolog	4 145857252 145871376	0.069137	-1.31	0.470216	1.22	0.459232	1.15
ZNF195	zinc finger protein 195 isoform X5	14 3242761 3267451	0.069302	-1.34	0.989138	-1.01	0.696000	1.09
LOC102135944	histone H3.3-like	X 77815355 77815765	0.069302	-1.34	0.239668	1.38	0.981456	1.01
LOC102132849	uncharacterized protein LOC102132849	16 62081868 62086524	0.069318	-1.85	0.517864	-1.56	0.130227	-1.79
LOC107130071	protein PRRC2A-like	6 133581270 133582087	0.069365	-1.65	0.912571	1.09	0.530836	-1.28
CACHD1	VWFA and cache domain-containing protein 1	1 162703393 162927946	0.069433	1.39	0.682044	1.17	0.337712	-1.23
KLHDC3	kelch domain-containing protein 3	4 127554605 127558181	0.069433	1.17	0.321766	-1.17	0.557807	-1.07
KCNMB2	calcium-activated potassium channel subunit 2	2 83277726 83313607	0.069587	2.10	0.957725	-1.07	0.478838	1.45
IPMK	inositol polyphosphate multikinase isoform X1	9 77885659 77965809	0.069603	-1.56	0.452821	1.41	0.436636	1.26
MUC5B	mucin-5B	14 1068191 1106998	0.069660	7.62	0.951046	1.24	0.964097	1.08

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
CCDC78	coiled-coil domain-containing protein 78	20 748804 752297	0.069660	2.15	0.471336	-1.83	0.250377	-1.80
LOC102131292		1 59383469 59392801	0.069662	6.56	1.000000	2.19	0.643441	1.60
EXOC3L2	exocyst complex component 3-like protein	19 45980240 45999625	0.069664	1.64	0.359135	1.58	0.738778	-1.13
TRIM13	uncharacterized protein LOC101925265	4 30009204 30009263	0.069664	-1.30	0.994601	1.00	0.672584	-1.08
NAAA	N-acylethanolamine-hydrolyzing acid amidase	5 58534497 58561226	0.069664	-1.37	0.556086	-1.22	0.017165	1.54
SKIV2L	helicase SKIV2L isoform X1	4 138884061 138894522	0.069703	1.25	0.355520	-1.22	0.179410	-1.21
TMEM126B	complex I assembly factor TMEM126B, isoform 1	14 81197873 81204395	0.069714	-1.36	0.730426	1.14	0.331890	1.22
LOC102131846		3 330103 331237	0.069802	2.98	0.448294	-2.48	0.993613	1.01
MORN5	MORN repeat-containing protein 5 isoform 1	15 15061847 15112699	0.069962	5.79	0.869401	-1.61	0.376131	-2.97
PRRG3	transmembrane gamma-carboxyglutamate decarboxylase 3	X 148646935 148649153	0.069962	2.02	0.734165	1.33	0.761156	1.17
SETDB1	histone-lysine N-methyltransferase SETDB1	1 101066093 101109152	0.069962	1.12	0.080050	-1.19	0.576608	-1.05
ZCRB1	uncharacterized protein LOC101926689	11 40860187 40870834	0.069962	-1.19	0.655489	1.09	0.781309	-1.04
BLVRA	biliverdin reductase A isoform X2	3 76625937 76657512	0.069962	-1.23	0.566800	-1.14	0.066471	-1.26
PGP	phosphoglycolate phosphatase	20 2288679 2289731	0.070057	-1.31	0.905781	-1.05	0.174294	-1.26
TBC1D17	TBC1 domain family member 17	19 50760334 50771065	0.070107	1.35	0.612471	-1.19	0.380188	-1.19
LOC107127139		13 67305292 67314149	0.070198	-1.64	0.250488	-1.71	0.502621	1.26
TMEM150C	transmembrane protein 150C isoform X1	5 51883135 51968878	0.070263	1.52	0.965407	1.03	0.583275	1.18
CNTNAP4	contactin-associated protein-like 4 isoform 1	20 64422121 64707963	0.070304	4.89	0.765297	-1.51	0.070917	3.35
TTC17	tetratricopeptide repeat protein 17 isoform 1	14 24080529 24218855	0.070304	1.13	0.662700	1.06	0.255895	-1.10
NFE2L1	nuclear factor erythroid 2-related factor 1	16 33383314 33391838	0.070329	1.19	0.908222	1.03	0.968056	1.01
FUBP1	far upstream element-binding protein 1 isoform 1	1 149243864 149278670	0.070329	-1.19	0.535548	1.12	0.292924	1.13
PPP2CA	uncharacterized protein LOC101864925	6 133216633 133244781	0.070389	-1.32	0.585544	1.18	0.764007	1.06
KIAA1324L	UPF0577 protein KIAA1324-like homolog 1	3 125004500 125181743	0.070482	1.31	0.006686	-1.76	0.278634	-1.21
FOXP4	forkhead box protein P4 isoform X4	4 129070912 129103881	0.070613	1.24	0.000543	-1.71	0.752698	-1.05
THAP6	THAP domain-containing protein 6	5 58954005 58965764	0.070642	-1.24	0.344883	1.23	0.416031	1.13
NLRP12	NACHT, LRR and PYD domains-containing protein 12	19 54663837 54677357	0.070702	2.06	0.954837	1.07	0.311817	1.65
ZNF3	zinc finger protein 3 isoform X2	3 44425402 44431937	0.070769	1.18	0.864904	-1.04	0.978822	1.00
MTIF2	translation initiation factor IF-2, mitochondrial	13 54762138 54789952	0.070769	-1.25	0.898834	1.04	0.388568	1.14
AGA	N(4)-(beta-N-acetylglucosaminy)-L-asparagine	5 176748947 176779623	0.070782	-1.30	0.244245	1.33	0.070217	-1.33
DAGLB	sn1-specific diacylglycerol lipase beta	3 41722410 41751783	0.070896	-1.23	0.599498	-1.13	0.000010	-1.58
SYNJ1	synaptotagmin-1 isoform X1	3 14052214 14126803	0.070896	-1.36	0.204263	1.44	0.360598	1.08
LOC107130367	T-cell receptor alpha chain V region PY14	7 85556570 85557066	0.070902	4.51	0.571344	-2.35	0.814081	-1.27
COG1	conserved oligomeric Golgi complex subunit 1	16 70388548 70403673	0.070902	1.16	0.971551	-1.01	0.901636	-1.02
APH1B	uncharacterized protein LOC101925481	7 40639715 40665000	0.070906	1.20	0.479791	-1.15	0.550083	1.08
MTRF2	mitochondrial fission regulator 2 isoform 1	4 40546362 40565052	0.070921	-1.33	0.523602	-1.22	0.994007	-1.00
NXPE3	NXPE family member 3 isoform X2	2 170346462 170380666	0.070955	-1.19	0.531021	1.13	0.001801	1.34
RYR2	ryanodine receptor 2 isoform X10	1 11653132 12442936	0.070990	-1.72	0.244296	1.81	0.614334	1.21
LOC107130694		8 129196741 129253357	0.071017	-1.31	0.946170	1.03	0.841757	1.04
KBTBD3	kelch repeat and BTB domain-containing protein 3	14 102088845 102095110	0.071017	-1.37	0.503861	1.25	0.427611	1.19
ARRGHF17	rho guanine nucleotide exchange factor 17	14 68535974 68595414	0.071063	1.45	0.785607	-1.14	0.769279	-1.09
ERICH3	glutamate-rich protein 3 isoform X1	1 152593319 152702872	0.071318	2.98	0.988339	1.03	0.862663	-1.13
AGTR2	type-2 angiotensin II receptor	X 112944555 112945646	0.071319	-4.09	0.215962	7.92	0.231324	-2.85
AKAP14	A-kinase anchor protein 14 isoform X1	X 116659172 116676074	0.071462	3.30	0.799141	1.59	0.678970	-1.46
RNASE10	inactive ribonuclease-like protein 10 isoform 1	7 84040928 84045404	0.071478	-2.10	0.203926	2.44	0.801507	1.15
CASP8	caspase-8 isoform X1	12 90637354 90662924	0.071543	1.23	0.918595	-1.03	0.150943	1.21
APOBEC4	putative C->U-editing enzyme APOBEC4	1 41608653 41609744	0.071554	6.46	1.000000	-1.06	0.548812	-2.68
P4HA1	prolyl 4-hydroxylase subunit alpha-1 isoform 1	9 62480520 62552044	0.071554	-1.74	0.830632	1.17	0.354330	1.41
GPAT2	glycerol-3-phosphate acyltransferase 2, mitochondrial	13 815335 825522	0.071554	-6.71	1.000000	1.83	1.000000	9.00
LOC107130515	Ig heavy chain V-I region V35-like	7 171622686 171623133	0.071578	3.47	0.670386	1.85	0.330730	2.13
EDA	ectodysplasin-A isoform X1	X 66624026 67067249	0.071578	1.92	0.203926	2.18	0.980289	-1.01
UBQLN2	ubiquilin-2	X 55810440 55812314	0.071591	-1.31	0.639095	1.16	0.261822	1.22
ERC1	ELKS/Rab6-interacting/CAST family member 1	11 1058523 1579689	0.071605	1.19	0.982409	-1.01	0.602675	1.07
LOC102129564	zinc finger protein DPF3-like	20 52384191 52424503	0.071686	3.74	0.991377	1.02	0.643280	1.41
LOC102130415	Ig-like V-type domain-containing protein 1	16 56713804 56715048	0.071693	2.57	0.897958	1.22	0.439091	-1.72
SLC25A18	mitochondrial glutamate carrier 2 isoform 1	10 33154203 33183779	0.071738	2.54	0.566253	-1.81	0.001112	-6.18
ORM1	alpha-1-acid glycoprotein 1 isoform X2	15 23244894 23248149	0.071812	1.79	0.003216	3.72	0.920451	1.05
NFYC	nuclear transcription factor Y subunit gamma	1 186948738 187011745	0.071812	1.22	0.359973	-1.20	0.568175	-1.08
PRRC2A	protein PRRC2A	4 139236183 139250942	0.071856	1.22	0.617702	-1.12	0.390516	1.12
SF3A2	splicing factor 3A subunit 2	19 2113564 2119561	0.071856	1.20	0.614158	-1.11	0.760943	1.04
TPRKB	EKC/KEOPS complex subunit TPRKB isoform 1	13 36188237 36193231	0.071856	-1.48	0.980965	-1.02	0.775659	-1.09
LOC107129754	uncharacterized protein LOC107129754	5 104581130 104585951	0.071856	-5.98	1.000000	13.61	0.561912	1.90
FAM65C	protein FAM65C isoform X2	10 82403139 82514200	0.071914	1.80	0.943369	1.07	0.448740	-1.35
MPZ	myelin protein P0	1 90338971 90342987	0.071929	1.49	0.005854	-2.45	0.852944	1.06
KIAA1468	lisH domain and HEAT repeat-containing protein 1	18 18043933 18162735	0.072019	-1.20	0.945926	1.02	0.867281	-1.02
LOC102132251		3 63589001 63600266	0.072019	-2.29	0.442189	2.01	0.144851	-2.38
FOLH1B	putative N-acetylated-alpha-linked acidic dipeptidase 1	14 85123813 85189233	0.072023	1.46	0.203926	1.57	0.914864	-1.03
C3H21orf58	LOW QUALITY PROTEIN: uncharacterized protein C3H21orf58	3 466680 488381	0.072023	1.40	0.694214	-1.18	0.315566	-1.27
C15H9orf135	uncharacterized protein C9orf135 homolog 1	15 80567438 80652338	0.072101	3.90	0.944129	-1.18	0.320813	-2.76
LOC102121796	dimethylalanine monoxygenase [N-oxide reductase]	1 29049284 29071021	0.072220	2.99	0.980588	1.04	0.837933	1.19
SLC04C1	solute carrier organic anion transporter family 4 member C1	6 100773148 100844052	0.072407	1.82	0.005911	-3.37	0.895401	1.06
C1H1orf87	uncharacterized protein C1orf87 homolog 1	1 167300962 167382680	0.072407	1.52	0.657551	-1.25	0.859414	-1.06
ECE1	endothelin-converting enzyme 1 isoform 1	1 207087835 207162120	0.072407	1.34	0.302530	1.35	0.611735	-1.11
NOP10	H/ACA ribonucleoprotein complex subunit 10	7 11003910 11005019	0.072407	-1.29	0.895774	-1.05	0.111410	-1.29
TMEM33	transmembrane protein 33 isoform X1	5 41686069 41705623	0.072407	-1.45	0.510073	1.30	0.187678	1.38
AGR3	anterior gradient protein 3	3 103861685 103880534	0.072466	-1.31	0.064239	-1.53	0.000007	-1.81
LOC102126084	Ig heavy chain Mem5-like	10 28425403 29178488	0.072568	2.01	0.733704	1.34	0.990175	-1.01
ATP1B2	sodium/potassium-transporting ATPase subunit beta 2	16 7725737 7730136	0.072568	1.90	0.738009	-1.31	0.454013	1.40
LOC102144583	histone H2A type 2-C	1 102223890 102224279	0.072578	-1.42	0.580925	-1.24	0.791208	-1.07
RNPEP	aminopeptidase B isoform X3	1 60359630 60388918	0.072613	1.33	0.260443	-1.35	0.857760	-1.04
LOC102140116	uncharacterized protein C4orf3 homolog 1	X 39505964 39506185	0.072856	-2.24	0.966983	1.06	0.991390	1.01
CCNE2	G1/S-specific cyclin-E2 isoform X2	8 96023275 96036096	0.072915	-1.86	0.764522	1.26	0.424666	1.40
TFRC	transferrin receptor protein 1	2 283671 309249	0.072949	-2.12	0.960153	-1.06	0.451225	1.47
LOC102138120		11 53039503 53048041	0.072975	2.79	0.919838	-1.16	0.376672	1.73
LOC102144455		6 89699688 89708977	0.073055	-3.04	0.496539	-2.27	0.285153	-2.20
LOC101866502	radial spoke head 10 homolog B2 isoform 1	3 1566 19683	0.073209	2.11	0.990841	-1.02	0.980289	-1.02
CCR6	C-C chemokine receptor type 6	4 3589024 3590259	0.073209	1.60	0.153661	-1.83	0.965046	1.02
STAT5B	signal transducer and activator of transcription 5B	16 53912807 53943534	0.073209	1.45	0.850130	1.10	0.238251	1.33

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
PHLDB3	pleckstrin homology-like domain family F	0 45303 64526	0.073209	1.38	0.183859	-1.45	0.472573	-1.17
MCTS1	malignant T-cell-amplified sequence 1 iso	X 117280693 117288766	0.073209	-1.32	0.959075	-1.02	0.750778	1.07
LOC102139776	Ig kappa chain V-II region TEW-like	13 17959966 17960949	0.073226	2.62	0.865271	1.25	0.563394	1.44
LOC102143945	LOW QUALITY PROTEIN: glycine N-as	14 14897417 14924009	0.073315	-1.83	0.150931	-2.16	0.848046	1.09
DLAT	dihydropolyllysine-residue acetyltransfer	14 108018630 108057898	0.073385	-1.22	0.369296	1.20	0.476280	1.10
LOC102147320		6 123391406 123455617	0.073433	2.71	0.618272	-1.64	0.423504	-2.08
PHLPP1	PH domain leucine-rich repeat-containing	18 17363242 17627392	0.073433	1.23	0.096218	1.36	0.614334	1.08
PHF8	histone lysine demethylase PHF8 isoform	X 53019239 53128502	0.073433	1.16	0.889727	-1.03	0.284004	1.11
CATSPERB		7 156551269 156750888	0.073433	-1.57	0.350537	1.51	0.378202	-1.30
CFAP57	cilia- and flagella-associated protein 57 iso	1 184359738 184435878	0.073501	1.73	0.303045	-1.73	0.000476	-2.70
PTPN5	tyrosine-protein phosphatase non-receptor	14 48871382 48915407	0.073535	3.22	0.883127	1.25	0.290729	2.34
LYAR	cell growth-regulating nucleolar protein iso	5 8682307 8699057	0.073535	1.26	0.997459	1.00	0.756724	-1.06
LOC102127437		8 37841174 37920380	0.073542	3.20	0.436569	3.77	0.680978	-1.43
CSAR1	C5a anaphylatoxin chemotactic receptor 1	19 48103695 48122042	0.073542	-1.61	0.436939	-1.46	0.669682	-1.16
ENKUR	uncharacterized protein LOC101865858	9 25501175 25516114	0.073544	2.86	0.531449	-2.25	0.952455	-1.06
RAN	GTP-binding nuclear protein Ran	11 135282525 135285870	0.073544	-1.35	0.987179	-1.01	0.905884	1.03
ZBED5	zinc finger BED domain-containing prote	14 56936177 56938180	0.073571	-1.33	0.672273	1.15	0.776533	1.06
SMG1	serine/threonine-protein kinase SMG1 iso	20 18186139 18298017	0.073575	-1.23	0.464965	1.17	0.816056	1.04
PHRF1	PHD and RING finger domain-containing	14 400251 432641	0.073629	1.12	0.697711	1.06	0.220510	-1.10
MSMB	beta-microseminoprotein	9 45032556 45044825	0.073635	3.20	0.709377	1.74	0.326591	-2.14
DYNLRB2	dynein light chain roadblock-type 2 isoform	20 68796618 68806165	0.073635	1.48	0.712257	-1.19	0.063383	-1.57
LOC107129995		6 60749107 60757145	0.073635	-1.59	0.480781	1.40	0.665213	1.16
CACNA1F	voltage-dependent L-type calcium channe	X 47739591 47764831	0.073769	1.86	0.068075	-2.70	0.040564	-2.19
ZNF561	zinc finger protein 561 isoform X4	19 9889937 9899096	0.073796	1.23	0.911091	1.04	0.984947	-1.00
LOC102147190	proprotein convertase subtilisin/kexin type	14 113053269 113091604	0.073821	6.41	0.985802	-1.07	0.494070	2.30
RCHY1	RING finger and CHY zinc finger domain	5 58966932 59005110	0.073887	-1.20	0.583525	1.12	0.527555	1.08
MYBPC3	myosin-binding protein C, cardiac-type iso	14 20204459 20226811	0.073897	1.62	0.171253	2.42	0.585101	-1.24
RSPH6A	radial spoke head protein 6 homolog A iso	0 2361 24252	0.073897	-2.24	0.695645	1.46	0.871015	1.11
THEG	testicular haploid expressed gene protein i	19 99094 116051	0.074215	31.25	1.000000	1.83	0.525338	4.86
LOC102128974	olfactory receptor 2L5	1 1149767 1150705	0.074215	6.06	0.266775	9.63	0.145254	-5.68
NME9	thioredoxin domain-containing protein 6 i	2 40438791 40467988	0.074215	5.07	0.741448	2.61	0.211855	-4.29
CCDC170	coiled-coil domain-containing protein 170	4 57735904 57824174	0.074215	3.92	0.775251	1.89	0.874457	1.21
PTCRA	pre T-cell antigen receptor alpha isoform	4 127653319 127666900	0.074215	2.26	0.828194	-1.24	0.952356	-1.04
LOC102132330	uncharacterized protein LOC102132330	15 107407724 107415092	0.074215	1.72	0.099212	2.25	0.737040	1.15
RIC3	protein RIC-3 isoform X1	14 59675644 59729441	0.074215	1.57	0.172423	1.78	0.006873	-1.98
EHMT1	histone-lysine N-methyltransferase EHMT	15 399698 536227	0.074215	1.12	0.912161	1.02	0.904642	1.01
TIMM9	mitochondrial import inner membrane tra	7 122680133 122683057	0.074215	-1.23	0.435282	1.18	0.721518	-1.05
LOC102125503	putative male-specific lethal-3 protein-like	12 123697317 123698450	0.074215	-1.37	0.422919	-1.32	0.072627	1.44
MAPK3	mitogen-activated protein kinase 3 isoform	20 28624313 28629779	0.074259	1.25	0.756113	1.09	0.625111	-1.08
WNT4	protein Wnt-4	1 206309521 206318908	0.074267	1.51	0.108078	-1.79	0.283114	-1.34
LOC107131105		1 102437340 102439499	0.074301	3.38	0.584903	2.02	0.514117	-1.74
ARID3B	AT-rich interactive domain-containing pro	7 52573566 52632071	0.074425	1.27	0.836007	-1.07	0.215833	1.22
PRMT3	protein arginine N-methyltransferase 3 iso	14 47115852 47244844	0.074425	-1.27	0.615978	-1.15	0.563394	-1.10
DYNLT3	uncharacterized protein LOC101925601	X 36029012 36036110	0.074425	-1.58	0.011799	2.50	0.482639	1.25
SSTR2	somatostatin receptor type 2	16 70364253 70365362	0.074469	4.27	0.497942	2.83	0.747297	-1.42
SDC2	syndecan-2	8 97662482 9775591	0.074469	-1.61	0.986857	1.01	0.831167	-1.08
SPHK1	sphingosine kinase 1 isoform X2	16 73759916 73762436	0.074469	-2.03	0.736979	-1.34	0.215627	-1.78
LOC102125746		0 477 2404	0.074473	4.40	0.900293	1.31	0.897815	-1.15
KIRREL	kin of IRRE-like protein 1 isoform X2	1 93631071 93734105	0.074473	1.43	0.496292	-1.30	0.428839	1.22
CNIH1	cornichon family AMPA receptor auxilia	7 118630972 118644941	0.074475	-1.53	0.390165	1.45	0.624094	1.16
BACE1	beta-secretase 1	14 113246612 113273588	0.074625	1.18	0.027733	-1.35	0.697442	-1.05
SCUBE1	signal peptide, CUB and EGF-like domain	10 7686443 7831150	0.074718	2.03	0.369451	1.90	0.866481	1.10
TG	thyroglobulin	8 134238145 134512796	0.074718	1.43	0.542966	-1.27	0.152729	1.38
LOC107128292		19 54635102 54640648	0.074815	1.57	0.747060	-1.22	0.425769	1.30
SLC3A2	uncharacterized protein LOC101866986	14 11377515 11382076	0.074856	-1.30	0.823434	-1.08	0.096016	-1.31
HSPB6	uncharacterized protein LOC101866124	19 36206015 36207509	0.074877	2.06	0.007435	4.56	0.107981	-2.07
LRRC1	leucine-rich repeat and coiled-coil domain	8 86348726 86389331	0.074877	-1.35	0.989665	1.01	0.222323	1.28
DHRS7	dehydrogenase/reductase SDR family mem	7 124428743 124448843	0.074898	-1.35	0.147980	-1.49	0.923545	-1.02
ARPP19	cAMP-regulated phosphoprotein 19 isofo	7 29557573 29574727	0.074905	-1.28	0.204363	1.34	0.816647	1.05
WDR31	WD repeat-containing protein 31 isoform	15 24247580 24262756	0.074991	2.16	0.900598	1.15	0.963393	1.00
PRR13	proline-rich protein 13	11 52304679 52309793	0.074991	-1.25	0.612411	-1.14	0.816647	-1.04
PIH1D3	protein PIH1D3	X 104314449 104342905	0.075029	5.98	0.799808	-2.13	0.951936	-1.11
LOC102134086		1 30111521 30117652	0.075029	-1.96	0.386171	1.79	0.164016	1.81
SEC62	translocation protein SEC62	2 74169008 74196578	0.075104	-1.20	0.002249	1.52	0.892082	1.02
PSPC1	paraspeckle component 1 isoform X3	17 16699373 1772614	0.075104	-1.23	0.901956	-1.04	0.730623	-1.05
ATP6V0C	V-type proton ATPase 16 kDa proteolipid	20 2624800 2625432	0.075104	-1.32	0.346028	-1.30	0.061681	-1.37
SI00A3	protein S100-A3	1 98325895 98326698	0.075104	-2.46	0.954085	1.09	0.400485	-1.64
ERO1A	ERO1-like protein alpha isoform X2	7 116764369 116810382	0.075213	-1.67	0.956287	1.05	0.462526	1.30
PNMAL1	PNMA-like protein 1 isoform X1	19 47230791 47233275	0.075238	1.56	0.132976	-1.80	0.699781	-1.13
CHD4	chromodomain-helicase-DNA-binding pro	11 6828492 6891832	0.075253	1.24	0.811777	-1.07	0.720820	1.06
MYO5C	unconventional myosin-Vc isoform X2	7 29191082 29300228	0.075272	-1.40	0.294494	-1.42	0.813893	-1.06
LRRC63	leucine-rich repeat-containing protein 63	17 25415715 25479011	0.075344	-2.00	0.897614	-1.13	0.578897	1.32
MEPCE	7SK snRNA methylphosphate capping en	3 44680912 44684490	0.075389	1.19	0.929085	1.02	0.112320	-1.59
C10H20orf24	uncharacterized protein C20orf24 homolo	10 68159487 68165591	0.075389	-1.29	0.816756	-1.08	0.547908	-1.11
LOC102122199	eosinophil cationic protein-like	7 84436595 84437077	0.075419	-2.75	0.002433	10.43	0.313159	-1.98
FOSL1	fos-related antigen 1 isoform X1	14 8610821 8619888	0.075419	-4.61	0.878302	1.40	0.466958	-2.13
ADGRB2	adhesion G protein-coupled receptor B2 iso	1 196288121 196317748	0.075644	1.48	0.755853	-1.17	0.066881	1.54
KCTD6	BTB/POZ domain-containing protein KC	2 113879714 113882621	0.075644	-1.23	0.494657	1.17	0.966206	-1.01
PAQR9	progesterin and adipoQ receptor family mem	2 45071791 45084074	0.075767	3.76	0.541281	2.51	0.796115	1.22
PPT2	lysosomal thioesterase PPT2 isoform X1	4 138730472 138747420	0.075774	1.29	0.656415	1.14	0.833866	1.04
POLR3GL	DNA-directed RNA polymerase III subun	1 104351725 104364728	0.075839	1.21	0.678835	1.10	0.455156	-1.10
AMPH	amphiphysin isoform X1	3 81874537 82119766	0.075857	3.81	0.747610	-1.62	0.922723	-1.11
CPNE5	copine-5 isoform X1	4 133892727 133989075	0.075857	2.18	0.126567	-2.82	0.667819	1.26
KCNA6	potassium voltage-gated channel subfamil	11 5005933 5007525	0.075857	2.18	0.430084	-1.88	0.262693	1.79
F11R	uncharacterized protein LOC101925695	1 90634955 90654564	0.075857	1.25	0.806627	1.07	0.609997	-1.09
UBAP2L	ubiquitin-associated protein 2-like isoform	1 97565995 97618986	0.075857	1.20	0.873227	-1.04	0.497532	1.09
ZDHHC14	probable palmitoyltransferase ZDHHC14	4 63758633 64055844	0.075857	-1.20	0.110104	1.31	0.699070	1.06

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
ORC2	origin recognition complex subunit 2	12 90278122 90332095	0.075857	-1.23	0.904679	-1.04	0.977085	-1.01
LOC102137775	60S ribosomal protein L29-like	6 161078245 161078718	0.075857	-1.38	0.784459	1.12	0.503562	1.17
LRP11	low-density lipoprotein receptor-related protein 11	4 55786269 55832597	0.075857	-1.53	0.775645	1.17	0.892311	1.05
LOC102128784		2 161811961 161925560	0.075857	-1.86	0.982310	1.02	0.628090	1.25
MRPL50	39S ribosomal protein L50, mitochondria	15 36338064 36356068	0.076004	-1.36	0.736218	1.14	0.857760	1.05
CCNO	cyclin-O	6 54669311 54671444	0.076009	2.69	0.927990	-1.18	0.039889	-4.13
LOC102132369		19 19400387 19407538	0.076043	-1.83	0.271883	-1.92	0.555388	-1.29
SNTG1	gamma-1-syntrophin isoform X1	8 51301398 51699918	0.076171	-6.32	1.000000	-1.59	1.000000	-3.43
LOC102145756	galactoside 3(4)-L-fucosyltransferase	19 5996869 5997987	0.076238	9.71	1.000000	-5.83	0.421395	4.44
SPATA20	spermatogenesis-associated protein 20 isoform X1	16 35948097 35956752	0.076238	-1.66	0.644997	1.31	0.678291	-1.17
IKZF3	zinc finger protein Aiolos isoform X1	16 51379787 51474944	0.076253	1.72	0.872158	-1.13	0.352357	1.39
THOC1	THO complex subunit 1	18 61473584 61525681	0.076296	-1.25	0.890289	1.05	0.253916	-1.18
UBXN6	uncharacterized protein LOC101865386	19 4497711 4510749	0.076369	1.27	0.311814	-1.27	0.056657	-1.32
KIAA1549	UPF0606 protein KIAA1549 homolog isoform X1	3 17181781 171900637	0.076396	1.40	0.563129	-1.22	0.826987	-1.06
MCM9	DNA helicase MCM9 isoform X1	4 22787664 22908655	0.076514	-1.17	0.834460	1.05	0.094080	1.18
VPS37A	vacuolar protein sorting-associated protein 37A	8 17235791 17275741	0.076514	-1.34	0.823893	1.09	0.676461	1.09
NR1H3	oxysterols receptor LXR-alpha isoform X1	14 20288296 20298320	0.076518	-1.59	0.085064	-2.02	0.372555	-1.33
LOC101865550	probable palmitoyltransferase ZDHHC11	6 483650 599562	0.076598	1.86	0.273290	-1.93	0.010754	-2.47
PTPM1	phosphatidylylglycerophosphatase and protein tyrosine phosphatase	14 19963749 19970957	0.076619	-1.24	0.494657	-1.17	0.540090	-1.10
ST3GAL6	type 2 lactosamine alpha-2,3-sialyltransferase 6	2 173376423 173432761	0.076619	-1.35	0.872610	-1.07	0.777898	-1.07
SCARA5	scavenger receptor class A member 5	8 28316803 28433190	0.076631	1.76	0.832630	1.18	0.505424	1.30
TRMT10C	mitochondrial ribonuclease P protein 1	2 170579166 170580422	0.076642	-1.36	0.583525	1.21	0.656710	1.11
ATP6	ATP synthase F0 subunit 6	MT 8525 9205	0.076728	-1.35	0.559823	-1.21	0.878823	1.04
PPAT	amidophosphoribosyltransferase isoform X1	5 77993118 78033415	0.076728	-1.42	0.465222	1.31	0.423504	1.21
MYLK3	myosin light chain kinase 3 isoform X3	20 34362035 34417773	0.076770	-2.21	0.135805	-3.36	0.374458	1.66
FABP7	uncharacterized protein LOC101865805	4 26824019 26828022	0.076912	2.55	0.711040	1.52	0.261474	-2.04
LOC102140892	ferritin heavy polypeptide-like 17	X 35681868 35683264	0.076922	-5.76	0.825364	1.88	0.273510	-3.68
BMPRI1B	bone morphogenetic protein receptor type 1B	5 94288185 94389117	0.077130	1.92	0.966330	1.00	0.362300	-1.56
MAGED2	melanoma-associated antigen D2	X 53928401 53934757	0.077130	1.19	0.210595	-1.23	0.969193	1.01
TRIM39	E3 ubiquitin-protein ligase TRIM39	4 140597457 140610386	0.077130	1.11	0.429592	-1.10	0.378328	-1.07
NFATC3	nuclear factor of activated T-cells, cytoplasmic 3	20 56294761 56463948	0.077249	1.16	0.051634	-1.28	0.773919	1.03
RWDD2A	RWD domain-containing protein 2A	4 90672070 90673892	0.077494	-1.39	0.973627	-1.02	0.958012	1.02
FADS1	fatty acid desaturase 1	14 12450475 12464386	0.077547	1.34	0.793115	1.10	0.491856	1.15
ATP5E	ATP synthase subunit epsilon, mitochondrial	10 90924467 90926408	0.077547	-1.26	0.414458	-1.21	0.144009	-1.24
SERP1	stress-associated endoplasmic reticulum protein 1	2 52782238 52784682	0.077547	-1.41	0.579596	1.24	0.566174	1.15
DFNA5	non-syndromic hearing impairment protein 5	3 96033448 96084938	0.077547	-1.68	0.001879	-3.47	0.917912	-1.05
ZBTB32	zinc finger and BTB domain-containing protein 32	19 36162551 36166273	0.077679	1.92	0.534294	-1.54	0.976301	1.02
PRIM2	DNA primase large subunit	4 113047053 113354489	0.077706	-1.19	0.906846	1.03	0.158617	1.17
SDR16C5	uncharacterized protein LOC101926736	8 57371661 57386569	0.077880	-1.76	0.560583	1.44	0.449888	-1.35
EYA2	eyes absent homolog 2 isoform X1	10 78686404 78893332	0.077921	1.41	0.624033	1.21	0.197235	1.34
FBLN1	fibulin-1	10 5411163 5458656	0.078006	1.37	0.171253	1.50	0.199690	1.31
EEA1	early endosome antigen 1 isoform X2	11 96436703 96597155	0.078189	-1.39	0.180254	1.52	0.498446	1.17
LOC102135860	uncharacterized protein LOC102135860	15 100295712 100334186	0.078189	-1.76	0.762791	1.26	0.231905	1.58
MAPK4	mitogen-activated protein kinase 4 isoform X1	18 31006670 31072726	0.078403	2.62	0.151127	3.63	0.801541	-1.22
CCNI	cyclin-I isoform X1	5 57435618 57453277	0.078403	1.18	0.969025	1.01	0.709257	-1.05
SIGLEC15	sialic acid-binding Ig-like lectin 15	18 36068504 36084972	0.078409	1.93	0.034258	-3.32	0.286852	-1.56
LOC102144501		17 3606583 3635872	0.078447	4.49	1.000000	-1.87	0.168785	4.36
LOC102124658	40S ribosomal protein S17	16 24519688 24520095	0.078447	-3.32	0.956287	1.11	0.666368	-1.53
LOC102115513	SH3 domain and tetratricopeptide repeat-containing protein 1	0 2176 5499	0.078634	-1.57	0.534560	1.35	0.446095	-1.27
LOC102143040	LOW QUALITY PROTEIN: uncharacterized protein LOC102143040	15 30831755 30832333	0.078635	-2.21	0.778436	-1.38	0.692538	-1.25
C14H11orf16	LOW QUALITY PROTEIN: uncharacterized protein LOC102143040	14 58904114 58915045	0.078647	3.90	0.542510	3.12	0.610423	-1.82
CCDC173	coiled-coil domain-containing protein 173	12 58509097 58571503	0.078854	1.84	0.870434	-1.16	0.622955	-1.25
LOC102128005	keratin, type II cytoskeletal 6A	11 51335658 51340332	0.078886	-9.23	0.552139	4.30	0.750778	-1.70
ADGB	androglobin isoform X1	4 52430326 52667418	0.078925	3.19	0.972212	1.08	0.456614	-1.87
CD79B	B-cell antigen receptor complex-associated protein 2	16 61259304 61262337	0.078925	1.81	0.099882	-2.42	0.836262	1.10
ATP6V0B	V-type proton ATPase 21 kDa proteolipid	1 183594244 183597251	0.078925	-1.25	0.217498	-1.31	0.017073	-1.37
BNIP3L	BCL2/adenovirus E1B 19kDa interacting protein 3-like	8 26806757 26827651	0.078925	-1.26	0.882966	1.05	0.231594	1.20
ZNF770	zinc finger protein 770	7 11759209 11761281	0.078925	-1.53	0.267421	1.59	0.425573	1.27
LOC102117705	methyltransferase-like protein 7A isoform X1	11 51082131 51098895	0.078928	1.79	0.375878	1.87	0.519687	1.30
SPTLC1	serine palmitoyltransferase 1 isoform X1	15 106089463 106180618	0.078928	-1.45	0.851300	1.10	0.680028	1.12
TLL10	protein polyglycolase TLL10 isoform X1	1 227217475 227248170	0.078939	2.87	0.816202	1.40	0.520841	-1.62
BRPF1	peregrin isoform X1	2 140719449 140732488	0.079046	1.16	0.842849	1.04	0.340464	1.10
NEK9	serine/threonine-protein kinase Nek9 isoform X1	7 139775818 139818235	0.079088	1.13	0.964672	1.01	0.045456	1.16
TM4SF5	transmembrane 4 L6 family member 5	16 4825735 4837092	0.079139	1.61	0.646891	1.30	0.030134	-1.84
BANP	protein BANP isoform X1	20 76352209 76491337	0.079139	1.23	0.751819	-1.09	0.417844	-1.12
C14H11orf49	UPF0705 protein C14orf49 homolog isoform X1	14 20401572 20627936	0.079164	1.35	0.938999	-1.04	0.403142	-1.19
LRIIG2	leucine-rich repeats and immunoglobulin-like domains protein 2	1 113645506 113706472	0.079196	1.23	0.932714	-1.03	0.751155	-1.05
PFKFB4	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 4	2 103640013 103681258	0.079323	-1.54	0.985686	1.01	0.746287	1.11
CARD10	cardinal 10	10 13748878 13777764	0.079429	1.50	0.535716	1.32	0.926306	-1.03
SNTA1	alpha-1-syntrophin isoform X1	10 64728002 64765283	0.079459	1.57	0.707734	-1.23	0.664806	-1.15
LOC107126496	putative inactive fatty acyl-CoA reductase	12 1633079 1641430	0.079459	-2.05	0.626868	1.52	0.219361	-1.88
RGS4	regulator of G-protein signaling 4	1 21139542 21145137	0.079582	2.84	0.861042	-1.29	0.792323	-1.24
LOC102129378		16 33897176 33900406	0.079582	1.92	0.896708	-1.14	0.165343	-1.89
NEMP2	nuclear envelope integral membrane protein 2	12 79682189 79754678	0.079599	-1.19	0.951185	-1.02	0.409716	1.11
C14H11orf31	selenoprotein H	14 15867500 15868121	0.079604	-1.28	0.733535	-1.11	0.942192	-1.02
JAKMIP3	janus kinase and microtubule-interacting protein 3	9 131556904 131614995	0.079751	1.75	0.878397	1.14	0.849649	-1.08
ERBB3	receptor tyrosine-protein kinase erbB-3	11 54996997 55017507	0.079751	1.44	0.806347	1.13	0.523852	-1.18
LOC102116901		13 55619134 55639082	0.079763	2.98	0.463251	2.33	0.289943	-2.24
TIMM10	mitochondrial import inner membrane translocator subunit 10	14 16091193 16092983	0.079763	-1.28	0.700674	-1.12	0.154037	-1.25
ELMO1	engulfment and cell motility protein 1 isoform X1	3 83226235 83694376	0.080024	1.24	0.447197	1.19	0.743212	1.06
MSC	musculin	8 73050044 73051556	0.080042	-1.92	0.097252	-2.65	0.663013	1.24
CHST9	carbohydrate sulfotransferase 9 isoform X1	18 55137732 55393287	0.080115	4.67	0.973217	1.10	0.467419	-2.25
NWD1	LOW QUALITY PROTEIN: NACHT domain-containing protein 1	19 17016230 17113648	0.080304	5.73	0.931493	1.29	0.773601	-1.50
LOC102141725	serum amyloid A-4 protein isoform X1	14 49449965 49454315	0.080304	-8.03	1.000000	-1.08	0.884182	-1.22
LOC102127257		12 11781148 11787717	0.080362	2.34	0.261426	3.38	0.868039	1.12
CD8B	T-cell surface glycoprotein CD8 beta chain	13 20433146 20476150	0.080409	-1.67	0.871307	-1.13	0.882138	1.06
TRIM63	E3 ubiquitin-protein ligase TRIM63	1 202275242 202291795	0.080528	2.01	0.631386	-1.47	0.824956	-1.13

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
PITPNM1	membrane-associated phosphatidylinositol	14 6920857 6933190	0.080528	1.34	0.106437	-1.54	0.696567	1.09
ACTR8	actin-related protein 8 isoform X2	2 109206441 109219248	0.080634	-1.21	0.605027	1.12	0.961898	1.01
ENDOV	endonuclease V	16 77990755 78005908	0.080684	-1.49	0.853504	-1.11	0.669398	1.13
UBE2H	ubiquitin-conjugating enzyme E2 H isoform	3 162557821 162673668	0.080730	1.14	0.437767	-1.12	0.394401	-1.08
HEBP1	heme-binding protein 1	11 13576119 13602566	0.080798	-1.20	0.744836	1.08	0.070924	-1.23
CTDSP2	CTD small phosphatase-like protein 2	7 21446930 21512455	0.080849	-1.34	0.752777	1.12	0.115847	1.34
LOC102144460	serine/threonine-protein phosphatase 2A r	7 175615 177946	0.081026	2.34	0.716857	-1.41	0.258108	-1.86
SLC22A15	solute carrier family 22 member 15	1 110692139 110783147	0.081051	-1.27	0.297373	1.28	0.948668	1.01
SH3GL2	endophilin-A1 isoform X2	15 60933772 61157535	0.081060	-1.48	0.273293	1.52	0.915854	-1.04
LOC107127511		15 4643757 4645255	0.081197	-5.55	0.458135	3.13	0.980946	1.03
CLIC1	chloride intracellular channel protein 1 iso	4 139129791 139139570	0.081334	-1.32	0.601300	-1.18	0.890617	-1.03
RAB33B	ras-related protein Rab-33B	5 138772837 138793974	0.081342	-1.35	0.000420	2.22	0.410712	1.19
LOC102137935		8 96046674 96061025	0.081342	-2.66	0.065634	-4.56	0.495650	-1.67
FGF10	fibroblast growth factor 10 precursor	6 45065448 45147966	0.081354	1.89	0.269005	2.02	0.831355	1.12
AP15	apoptosis inhibitor 5 isoform X1	14 24229060 24260578	0.081410	-1.28	0.472936	1.21	0.403973	1.16
LOC102124508	uncharacterized protein LOC102124508	1 140605866 140606159	0.081426	1.58	0.635378	1.29	0.807605	-1.09
YTHDC2	probable ATP-dependent RNA helicase Y	6 112293278 112363010	0.081549	-1.34	0.404759	1.29	0.437840	1.17
RASSF6	ras association domain-containing protein	5 60983774 61027322	0.081640	-1.38	0.986913	-1.01	0.808987	1.07
DYNC1H1	cytoplasmic dynein 1 intermediate chain l	3 115885563 116170913	0.081739	2.30	0.051541	4.09	0.568825	-1.41
C14H11orf95	uncharacterized protein C14orf95 homolo	14 10824086 10826865	0.081764	1.48	0.360478	-1.44	0.909238	1.04
SPA17	sperm surface protein Sp17	14 120473042 120493057	0.081859	1.66	0.426274	-1.57	0.731396	-1.15
DYDC1	DPY30 domain-containing protein 1	9 55578942 55595671	0.081960	7.39	1.000000	-3.81	0.903254	1.28
TRPV4	transient receptor potential cation channel	11 113446434 113475404	0.081960	1.43	0.002310	-2.28	0.810554	1.07
VPS51	vacuolar protein sorting-associated protein	14 9419441 9448220	0.081960	1.23	0.685480	-1.11	0.107659	-1.24
WSB2	WD repeat and SOCS box-containing pro	11 121825529 121851487	0.082026	-1.34	0.934798	-1.04	0.547372	1.14
HIVEP2	transcription factor HIVEP2	4 47269325 47291250	0.082090	1.29	0.471956	1.21	0.617531	-1.10
ZNF134	uncharacterized protein LOC101926097	19 58270993 58272267	0.082143	1.19	0.243468	1.23	0.932087	-1.01
ZNF2	zinc finger protein 2 isoform X1	13 5581486 564660	0.082182	1.24	0.931523	-1.03	0.583858	1.09
LOC102132001	histone H4	11 15389116 15389427	0.082282	1.37	0.417941	-1.31	0.251499	1.30
NELL2	protein kinase C-binding protein NELL2 i	11 43101557 43501157	0.082376	-2.03	0.446859	-1.76	0.794481	-1.16
COL8A1	collagen alpha-1(VIII) chain isoform X2	2 172363667 172394307	0.082444	-1.35	0.458081	-1.27	0.535930	1.14
E2F1	transcription factor E2F1	10 65014160 65025109	0.082603	-1.55	0.733100	-1.21	0.894073	1.05
LOC102134093		1 90842492 90906590	0.082650	-1.77	0.132976	-2.25	0.949671	1.03
EPHB4	ephrin type-B receptor 4 isoform X2	3 45102495 45131021	0.082734	1.30	0.296405	1.32	0.352357	1.18
GAB2	GRB2-associated-binding protein 2	14 73579468 73779052	0.082763	1.23	0.289990	-1.24	0.537421	-1.10
SNX4	sorting nexin-4 isoform X1	2 146601108 146680955	0.082831	-1.29	0.069374	1.51	0.565608	1.11
BRWD3	bromodomain and WD repeat-containing	X 77646964 77776166	0.082897	-1.36	0.329312	1.36	0.221250	1.29
LOC101925770	nucleoside diphosphate kinase A isoform	16 36567860 36574795	0.083011	-1.45	0.928688	1.05	0.895667	1.04
KIAA1614	uncharacterized protein KIAA1614 homo	1 38788880 38827041	0.083068	1.45	0.802972	1.14	0.845812	1.06
TNKS1BP1	182 kDa tankyrase-1-binding protein isofo	14 16302906 16325225	0.083096	1.31	0.435372	-1.25	0.655570	-1.09
LOC102145055	U2 snRNP component HSH155	12 86576757 86585460	0.083112	-1.18	0.962250	1.01	0.532573	-1.08
LOC102132303	solute carrier family 22 member 20-like	14 9282395 9286283	0.083180	2.84	0.310650	-3.00	0.486693	-1.60
LOC102130131		14 71535390 71544203	0.083207	2.30	0.040276	-2.86	0.423916	-1.44
FRMPD2	FERM and PDZ domain-containing prote	9 46802191 46903601	0.083361	4.54	0.336337	8.47	0.694008	-1.63
SMCO3	single-pass membrane and coiled-coil do	11 15425765 15429630	0.083361	1.36	0.000003	2.80	0.481898	1.16
LOC102130574		3 2417715 2419729	0.083380	-1.33	0.668124	-1.16	0.204742	-1.28
CDR2	cerebellar degeneration-related protein 2	20 21191344 21222677	0.083530	1.40	0.677554	1.18	0.922610	1.03
CSRNP1	cysteine/serine-rich nuclear protein 1 isofo	2 94063917 94070936	0.083627	1.36	0.760138	1.13	0.510689	-1.16
GCSH	glycine cleavage system H protein, mitoch	20 69338881 69351486	0.083627	-1.28	0.782249	1.09	0.731580	-1.07
ZFYVE16	zinc finger FYVE domain-containing prot	6 78715452 78758340	0.083627	-1.32	0.459327	1.24	0.474043	1.15
PCDH12	protocadherin-12	6 141096801 141109567	0.083661	1.42	0.721589	1.17	0.289865	1.29
KIAA0556	uncharacterized protein KIAA0556 homo	20 26476541 26708934	0.083716	1.22	0.387726	-1.20	0.668883	-1.07
UBE3B	ubiquitin-protein ligase E3B isoform X1	11 113133045 113185230	0.083716	1.15	0.724563	-1.07	0.283114	1.11
BRCA2	breast cancer type 2 susceptibility protein	17 11864386 11956321	0.083716	-1.54	0.342562	-1.52	0.645272	1.16
DCUN1D4	DCN1-like protein 4 isoform X1	5 82598491 82677449	0.083877	-1.39	0.099882	1.64	0.801101	1.07
SMIM13	small integral membrane protein 13	4 159716908 159756512	0.084055	-1.17	0.000000	1.76	0.313997	1.12
KAZN	kazrin isoform X1	1 213420515 214656576	0.084088	1.54	0.415763	1.45	0.344968	-1.33
IFIT5	interferon-induced protein with tetratricop	9 87959621 87963447	0.084118	-1.60	0.094146	2.04	0.699781	-1.15
ACAT1	acetyl-CoA acetyltransferase, mitochondr	14 104173186 104200892	0.084233	1.14	0.444203	-1.12	0.984477	1.00
CHRD	chordin isoform X1	2 89075701 89085365	0.084312	1.48	0.542210	-1.31	0.807605	1.08
BCL7A	B-cell CLL/lymphoma 7 protein family m	11 126075887 126108447	0.084441	1.38	0.695645	-1.17	0.564556	1.15
SIX1	homeobox protein SIX1	7 124942103 124945004	0.084497	3.86	0.422971	-4.83	0.829750	-1.28
SREBF2	sterol regulatory element-binding protein	10 9167705 9257239	0.084515	1.28	0.481829	-1.21	0.887420	-1.03
LOC102136392	cytochrome c-like	1 177302029 177302490	0.084548	-3.77	0.964150	1.11	0.060547	-6.21
LOC102143434		14 69687099 69766125	0.084575	1.80	0.183894	-1.97	0.771582	-1.12
PLCB1	1-phosphatidylinositol 4,5-bisphosphate p	10 53579383 54340137	0.084587	-1.62	0.052235	2.28	0.918023	-1.04
APPL1	DCC-interacting protein 13-alpha isoform	2 112551982 112594753	0.084713	-1.42	0.437149	1.34	0.422487	1.22
TRAM1	translocating chain-associated membrane	8 71807993 71839353	0.084713	-1.64	0.412126	1.53	0.482120	1.28
CHUK	inhibitor of nuclear factor kappa-B kinase	9 99096655 99138444	0.084775	-1.31	0.268733	1.35	0.442221	1.16
LOC102138462	LOW QUALITY PROTEIN: serine hydro	10 8537934 8555021	0.084860	1.87	0.524319	1.58	0.659631	-1.23
CTSF	LOW QUALITY PROTEIN: cathepsin F	14 7927037 7931869	0.084860	1.50	0.801921	-1.15	0.599303	-1.17
KCNK5	potassium channel subfamily K member 5	4 131478595 131520721	0.084860	1.20	0.996330	1.00	0.884135	1.02
LPP	lipoma-preferred partner isoform X1	2 8583519 9221082	0.084860	-1.22	0.296748	1.24	0.464622	1.11
TTC14	tetratricopeptide repeat protein 14 isoform	2 85168991 85184577	0.085274	-1.45	0.716823	1.18	0.945070	1.02
NOTCH3	neurogenic locus notch homolog protein 3	19 15467655 15509620	0.085328	1.38	0.705328	-1.16	0.165348	1.35
ABHD17B	alpha/beta hydrolase domain-containing p	15 82626821 82639038	0.085328	-1.37	0.535823	1.24	0.930592	1.02
TGIF2	homeobox protein TGIF2 isoform X1	10 68126538 68145473	0.085414	1.21	0.108536	-1.32	0.009909	1.33
RNASE6	ribonuclease K6	7 84330721 84331173	0.085414	-1.50	0.695469	-1.22	0.448649	1.24
POLDIP3	polymerase delta-interacting protein 3 iso	10 8432790 8461643	0.085469	1.17	0.859712	1.04	0.925059	-1.01
NMNAT1	nicotinamide/nicotinic acid mononucleotid	1 218218176 218229365	0.085509	1.22	0.083623	-1.39	0.670759	-1.07
ELMOD1	ELMO domain-containing protein 1 isofo	14 103669218 103716672	0.085509	-2.87	0.102200	5.54	0.969129	1.04
LOC107126411	Ig lambda-delta chain C region-like isoform X	10 28450071 28451375	0.085528	1.91	0.759352	1.29	0.917700	1.06
PROKR1	prokineticin receptor 1	13 41328553 41338152	0.085656	5.24	0.931334	-1.22	0.270252	2.66
LOC102142087	X-linked retinitis pigmentosa GTPase reg	X 36490396 36500976	0.085735	1.53	0.825928	1.14	0.815014	-1.08
SIAE	uncharacterized protein LOC101926044	14 120434587 120471453	0.085751	1.45	0.916923	1.06	0.953436	-1.02
ZNF853	zinc finger protein 853	3 41977702 41980345	0.085751	1.38	0.950200	1.03	0.866481	-1.05
HTATIP2	oxidoreductase HTATIP2 isoform X1	14 47249542 47267228	0.085751	-1.21	0.085117	-1.34	0.062693	-1.24

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
PAQR7	membrane progesterin receptor alpha	1 202498282 202499322	0.085757	1.18	0.389723	-1.16	0.673650	-1.05
KLRB1	killer cell lectin-like receptor subfamily B	11 9942076 9953908	0.085757	-1.62	0.889183	1.10	0.033026	-1.86
SLC2A4	solute carrier family 2, facilitated glucose	16 7341982 7346686	0.085786	2.25	0.872158	-1.21	0.975641	1.02
LOC102118223	C-C motif chemokine 3-like 1	16 135792 137164	0.086096	-2.19	0.247031	-2.45	0.661620	-1.30
EVL	uncharacterized protein LOC101866983	7 165210120 165338533	0.086323	1.26	0.612232	-1.15	0.372985	-1.16
CALCOCO1	calcium-binding and coiled-coil domain-c	11 52601888 52615963	0.086359	1.31	0.318221	-1.32	0.380785	-1.18
HMGCLL1	3-hydroxymethyl-3-methylglutaryl-CoA l	4 115091677 115236994	0.086429	3.01	0.973262	-1.07	0.888348	1.14
ART5	ecto-ADP-ribosyltransferase 5 isoform X9	14 67000921 67004907	0.086429	2.19	0.993160	-1.01	0.238381	-1.86
FLI1	Friend leukemia integration 1 transcription	14 124484048 124601437	0.086429	1.20	0.367274	1.18	0.358333	1.12
PPP3R1	calcineurin subunit B type 1 isoform X1	13 41697471 41773678	0.086429	-1.25	0.264735	1.28	0.410589	1.14
CCL3	C-C motif chemokine 3	16 32479692 32481066	0.086469	-1.89	0.300636	-1.94	0.995800	-1.00
DPP6	dipeptidyl aminopeptidase-like protein 6 i	3 186493626 187763161	0.086493	2.50	0.200018	3.13	0.614174	-1.41
CAMLG	uncharacterized protein LOC101866678	6 133795421 133811723	0.086500	-1.22	0.581154	1.14	0.918688	1.02
MMP17	matrix metalloproteinase-17 isoform X1	11 136325777 136339857	0.086506	1.65	0.972212	-1.03	0.369972	1.37
DLG3	disks large homolog 3 isoform X1	X 67486524 67541578	0.086506	1.23	0.096705	-1.37	0.777744	-1.05
LOC102136013		9 4797678 4989160	0.086610	-1.49	0.964772	1.03	0.311909	1.32
ADGRB3	adhesion G protein-coupled receptor B3 is	4 104457163 105199894	0.086647	1.72	0.245817	1.86	0.998900	-1.00
SLC36A4	proton-coupled amino acid transporter 4 i	14 89024241 89072839	0.086660	-1.36	0.375074	1.33	0.405269	1.20
CREBBP	CREB-binding protein isoform X4	20 3998241 4153752	0.086853	1.14	0.801656	1.04	0.811310	1.02
LOC102132236	WD repeat-containing protein on Y chrom	2 71450714 71683428	0.087002	4.11	0.770625	-2.12	0.048265	-6.63
SCRN1	secernin-1 isoform X1	3 90693151 90739301	0.087002	1.43	0.774694	1.14	0.465053	-1.21
QSOX2	sulphydryl oxidase 2 isoform X1	15 2121795 2149460	0.087002	1.38	0.899116	1.06	0.195507	1.32
GTF3C3	general transcription factor 3C polypeptid	12 85962339 85997105	0.087002	-1.18	0.948945	1.02	0.089928	1.20
IDII	isopentenyl-diphosphate Delta-isomerase	9 1237858 1244952	0.087002	-1.65	0.981475	-1.02	0.625495	-1.20
MRGPRX2	mes-related G-protein coupled receptor m	14 48582290 48583279	0.087137	7.03	1.000000	11.93	0.267232	2.77
GNL1	guanine nucleotide-binding protein-like 1	4 140409467 140419918	0.087166	1.16	0.724842	-1.07	0.238360	-1.13
EPB41L3	band 4.1-like protein 3 isoform X29	18 66482151 66637866	0.087166	-1.41	0.389044	-1.37	0.641829	1.13
LOC107131036	Ig lambda chain V-V1 region EB4-like	10 29297916 29298440	0.087246	3.07	0.161925	4.29	0.374312	-1.96
ORMDL3	ORM1-like protein 3	16 51536324 51537949	0.087270	1.12	0.274113	-1.13	0.560938	-1.05
GPR63	probable G-protein coupled receptor 63	4 77040061 77041320	0.087353	-1.41	0.183149	1.55	0.965116	-1.01
SCN1A	SCN1A	12 54845254 54943479	0.087417	-2.85	0.745066	1.52	0.134264	-2.73
LOC102124816	clustered mitochondria protein homolog	20 30422682 30426529	0.087433	1.91	0.006367	-4.73	0.664537	1.24
ANO1	anoctamin-1 isoform X2	14 4555456 4776037	0.087433	1.60	0.201112	1.80	0.610403	-1.20
IRF2BP1	interferon regulatory factor 2-binding prot	19 46785451 46787205	0.087433	1.22	0.774694	-1.08	0.996126	-1.00
ELL2	RNA polymerase II elongation factor ELI	6 94305924 94380705	0.087433	-1.28	0.491465	1.20	0.776305	1.06
GEN1	flap endonuclease GEN homolog 1 isofor	13 93217054 93242170	0.087433	-1.38	0.837239	-1.10	0.470743	1.18
HIF1AN	hypoxia-inducible factor 1-alpha inhibitor	9 99468241 99480036	0.087508	1.16	0.919348	-1.02	0.947321	1.01
CD14	monocyte differentiation antigen CD14	6 139758312 139759527	0.087590	-1.51	0.462045	-1.39	0.965635	1.02
NAA25	N-alpha-acetyltransferase 25, NatB auxilia	11 115710040 115793005	0.087592	-1.30	0.805074	1.09	0.674852	1.09
TRMT10A	tRNA methyltransferase 10 homolog A	5 98831090 98841249	0.087624	-1.49	0.428306	1.41	0.175334	1.44
RAB11A	ras-related protein Rab-11A	7 43420090 43439774	0.087710	-1.19	0.327180	1.19	0.970900	-1.01
LOC107129640		4 164377752 164384047	0.087710	-2.57	0.516953	2.27	0.845582	-1.19
GLRA2	glycine receptor subunit alpha-2 isoform X	X 12296974 12528061	0.087789	-3.77	0.268711	5.62	0.903254	1.15
LOC102137348		11 26232173 26256003	0.087793	4.26	0.208785	3.60	0.265269	-2.61
UPF1	regulator of nonsense transcripts 1 isoform	19 19289384 19326199	0.087793	1.16	0.349424	-1.15	0.777670	-1.03
KDM2A	lysine-specific demethylase 2A isoform X	14 7206282 7365174	0.087793	1.14	0.766102	-1.05	0.995720	-1.00
SUPT3H	transcription initiation protein SPT3 hom	4 125172503 125702439	0.087793	-1.21	0.983881	1.01	0.977855	1.00
MGAT4B	alpha-1,3-mannosyl-glycoprotein 4-beta-N	6 179786921 179795372	0.087793	-1.23	0.797063	1.07	0.554709	-1.29
LOC102140692		7 106300151 106310336	0.087793	-2.01	0.456453	1.88	0.951819	-1.04
LOC102118731	UDP-glucuronosyltransferase 2A1	5 5640 15789	0.087869	8.15	0.719964	2.83	0.898329	-1.26
LOC107130509	Ig heavy chain V-III region 23-like	7 171692124 171692673	0.087869	2.52	0.000118	15.36	0.510514	1.55
LOC102129186	NKG2D ligand 4-like isoform X2	4 56111364 56122211	0.087869	-4.21	0.919838	1.26	0.085382	-6.90
CXADR	coxsackievirus and adenovirus receptor is	3 29683026 29767242	0.087960	-1.76	0.320481	1.78	0.857760	1.09
SLC38A8	putative sodium-coupled neutral amino ac	20 72284859 72320587	0.088032	3.36	0.681163	1.71	0.701902	-1.35
SPDEF	SAM pointed domain-containing Ets trans	4 136247942 136254186	0.088046	1.80	0.925048	-1.09	0.071591	1.94
TMEM57	macoilin isoform X1	1 202908732 202977215	0.088135	1.14	0.681824	1.07	0.727742	1.04
LYRM7	complex III assembly factor LYRM7 isof	6 130171965 130197469	0.088276	-1.42	0.199469	1.54	0.332478	1.27
DAAM2	disheveled-associated activator of morpho	4 130808407 130853796	0.088314	1.45	0.885680	1.08	0.771011	-1.09
MASP1	mannan-binding lectin serine protease 1 is	2 10176750 10248825	0.088598	2.65	0.905466	-1.19	0.448740	-1.67
IGSF6	immunoglobulin superfamily, member 6 p	20 21343335 21355970	0.088650	-1.87	0.351804	-1.83	0.697564	-1.21
MAMSTR	MEF2-activating motif and SAP domain-c	19 49542273 49548095	0.088712	1.79	0.754274	1.28	0.881848	-1.07
EXOC8	exocyst complex component 8	1 18219770 18221947	0.088712	-1.44	0.178718	1.61	0.533254	1.18
GRM5	metabotropic glutamate receptor 5 isoform	14 83954644 84512306	0.088848	1.25	0.405956	-1.22	0.361389	-1.15
LOC102121309		8 48988080 48996247	0.088858	2.52	0.575632	-1.78	0.253916	-2.05
UROS	uroporphyrinogen-III synthase isoform X9	9 125106216 125141784	0.088858	1.17	0.191592	-1.22	0.817924	1.03
PRDM2	PR domain zinc finger protein 2 isoform X	1 214731592 214836149	0.088906	1.15	0.286114	1.16	0.779212	1.03
PRMT6	protein arginine N-methyltransferase 6	1 119857121 119858248	0.088930	-1.26	0.890814	1.05	0.736763	1.06
BOLA2B	bola-like protein 2	20 28696954 28697786	0.088976	-1.35	0.250488	-1.41	0.408749	-1.19
ATP8	ATP synthase F0 subunit 8	MT 8364 8570	0.089045	-1.38	0.792894	-1.12	0.642964	1.12
SLC35B3	adenosine 3'-phospho 5'-phosphosulfate tr	4 162495811 162518863	0.089100	-1.23	0.739856	1.09	0.437478	1.12
NOP14	nucleolar protein 14 isoform X2	5 3023835 3051152	0.089186	1.24	0.276011	-1.27	0.829577	-1.04
MAP3K3	mitogen-activated protein kinase kinase ki	16 60913047 60985026	0.089524	1.18	0.811777	1.06	0.962277	-1.01
ADNP	activity-dependent neuroprotector homeo	10 82728235 82740591	0.089524	1.10	0.114512	1.16	0.994098	1.00
LOC102120540	T-cell receptor alpha chain V region 2B4-	7 85543473 85544091	0.089692	2.30	0.474399	1.79	0.149652	1.95
LOC102116188	uncharacterized protein LOC102116188 i	1 184867373 184900961	0.089790	2.04	0.993973	-1.01	0.530344	-1.37
LOC101866504	myomegalin isoform X2	1 106299639 106515553	0.089862	-1.38	0.529060	-1.26	0.886663	1.04
STEAP2	metalloreductase STEAP2 isoform X3	3 121739621 121754970	0.089976	-1.59	0.575791	1.35	0.842485	1.08
LOC102129039		3 156823 169875	0.089976	-1.75	0.906641	-1.10	0.326591	-1.47
PROSER3	proline and serine-rich protein 3 isoform X	19 36208714 36219091	0.090001	1.44	0.053753	-1.88	0.228560	-1.36
SMPD5	sphingomyelin phosphodiesterase 3 isofor	8 145685150 145686398	0.090001	-2.22	0.887333	1.19	0.963130	1.04
DZANK1	double zinc ribbon and ankyrin repeat-cor	10 43792166 43891191	0.090209	1.45	0.791694	-1.14	0.426032	-1.23
SCP2	non-specific lipid-transfer protein isoform	1 174384596 174516167	0.090209	-1.16	0.778065	1.06	0.565439	1.07
TC2N	tandem C2 domains nuclear protein isofor	7 156750936 156785532	0.090209	-1.21	0.746254	1.08	0.534846	-1.09
METTL12	methyltransferase-like protein 12, mitoch	14 11602166 11603328	0.090209	-1.31	0.469062	-1.24	0.859642	-1.04
PGLYRP1	peptidoglycan recognition protein 1 precu	10 5264 9060	0.090212	2.22	0.070565	3.69	0.752087	-1.22
CNIH2	protein conichon homolog 2 isoform X1	14 8214311 8220022	0.090339	1.79	0.072148	-2.63	0.856172	1.09
IMPAD1	inositol monophosphatase 3	8 58031316 58061789	0.090339	-1.28	0.027733	1.60	0.495554	1.13

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
LOC102136128	tumor necrosis factor receptor superfamily	8 23419769 23452701	0.090426	1.82	0.891721	-1.13	0.778888	1.14
FAM200A	protein FAM200A isoform X1	3 43815661 43817382	0.090426	-1.28	0.281601	1.31	0.604891	1.10
MZT2B	mitotic-spindle organizing protein 2B isoform X1	12 1399885 1408246	0.090487	-1.31	0.164669	-1.43	0.481898	-1.15
LOC102119151		16 28509831 28532837	0.090530	2.02	0.970990	1.05	0.604516	-1.29
ZNF684	zinc finger protein 684	1 187175489 187187508	0.090530	-1.44	0.382193	1.41	0.933506	1.03
DDX24	ATP-dependent RNA helicase DDX24	7 159086912 159115178	0.090550	1.14	0.681923	1.07	0.876137	-1.02
BTBD1	BTB/POZ domain-containing protein 1 isoform X1	7 62934298 62991071	0.090550	-1.25	0.299150	1.26	0.543034	1.10
PTGES3L	putative protein PTGES3L	16 54736877 54745675	0.090838	2.04	0.743836	1.41	0.455999	-1.48
RASSF5	ras association domain-containing protein 5	1 65078592 65155671	0.090927	1.28	0.405148	-1.24	0.410700	1.16
SAFB	scaffold attachment factor B1 isoform X1	19 5753696 5798563	0.091007	1.13	0.963542	1.01	0.067785	-1.16
TMEM244	transmembrane protein 244 isoform X1	4 33963081 34005985	0.091036	-2.87	0.959853	-1.06	0.765996	1.18
RASSF4	ras association domain-containing protein 4	9 43619548 43643032	0.091196	-1.38	0.778065	1.13	0.896263	-1.04
KLF9	uncharacterized protein LOC101865398	15 81131091 81157702	0.091242	1.42	0.149066	1.62	0.985138	1.01
CLSTN1	calysteinin-1 isoform X1	1 218404691 218511325	0.091242	1.20	0.393943	-1.18	0.672783	-1.06
SRSF9	serine/arginine-rich splicing factor 9	11 124366525 124375041	0.091242	-1.12	0.352546	-1.12	0.629393	-1.04
UTP18	U3 small nucleolar RNA-associated protein 18	16 36675910 36713381	0.091307	-1.18	0.412982	1.16	0.380188	1.11
GDPD1	glycerophosphodiester phosphodiesterase 1	16 44765879 44837396	0.091307	-1.38	0.271539	-1.46	0.602233	-1.14
BEST2	bestrophin-2	19 12974411 12981391	0.091421	7.29	0.850130	1.90	0.366641	-4.23
PLXNA2	plexin-A2	1 66595324 66786471	0.091507	1.37	0.724475	1.15	0.979917	1.01
LOC102128376	angiotensin-converting enzyme isoform X1	16 60766360 60786886	0.091516	1.46	0.034920	2.01	0.577221	1.17
TXNDC17	thioredoxin domain-containing protein 17	16 6665850 6667786	0.091518	-1.52	0.360379	-1.49	0.917055	-1.04
HP1BP3	heterochromatin protein 1-binding protein 3	1 207606815 207646042	0.091576	1.15	0.954012	-1.01	0.205577	1.23
THAP5	THAP domain-containing protein 5	3 141044924 141050284	0.091579	-1.39	0.008569	2.03	0.255369	1.29
CMTM3	CKLF-like MARVEL transmembrane domain-containing protein 3	20 54716731 54743016	0.091897	1.16	0.315515	-1.16	0.585309	1.06
LOC102142492	zinc finger protein 141	5 294740 320041	0.091979	-1.39	0.961890	1.03	0.640607	1.12
ATAD1	ATPase family AAA domain-containing protein 1	9 86308791 86366908	0.092238	-1.26	0.264207	1.30	0.587006	1.10
AHNAK2	protein AHNAK2	7 170316371 170341994	0.092334	-1.25	0.352149	-1.24	0.000368	-1.54
CDC27	cell division cycle protein 27 homolog isoform X1	16 58947536 59012204	0.092334	-1.34	0.523964	1.23	0.297505	1.24
FRMPD3	FERM and PDZ domain-containing protein 3	X 104616123 104700615	0.092457	2.25	0.829957	-1.27	0.706477	1.24
TRNAU1AP	tRNA selenocysteine 1-associated protein	1 199572735 199602016	0.092457	-1.22	0.982681	1.01	0.302006	-1.15
METT1L	tRNA (guanine-N(7)-)-methyltransferase 1	11 56766261 56769767	0.092457	-1.38	0.778306	-1.13	0.901636	-1.04
LOC102129235		14 78160052 78165033	0.092457	-2.55	0.149191	6.28	0.913658	1.09
LOC107129521		4 89873789 89875081	0.092457	-2.82	0.973051	1.07	0.217201	-2.53
C15H9orf92	putative uncharacterized protein C9orf92	15 62495886 62544801	0.092767	3.88	0.927990	1.25	0.977183	1.03
TNPO1	transportin-1 isoform X1	6 70976082 71067768	0.092767	-1.49	0.536527	1.32	0.301013	1.34
CFAP70	cilia- and flagella-associated protein 70 isoform X1	9 62187883 62298852	0.092814	1.80	0.193272	-2.17	0.367261	-1.46
LOC102123296	HMG domain-containing protein 3-like	6 149347360 149347851	0.092849	1.83	0.896708	1.14	0.821796	1.11
ANGEL2	protein angel homolog 2 isoform X1	1 71571596 71592582	0.093019	-1.27	0.484811	1.20	0.402437	1.15
BCL6	B-cell lymphoma 6 protein	2 9728274 9739185	0.093024	1.33	0.913007	-1.05	0.834287	-1.05
DDX47	probable ATP-dependent RNA helicase DDX47	11 13402778 13418960	0.093024	-1.18	0.096226	1.30	0.589160	-1.07
PRSS12	neurotrypsin	5 117705610 117778083	0.093172	1.38	0.521928	1.26	0.008278	1.64
MITF	microphthalmia-associated transcription factor 1	2 125386431 125607007	0.093200	-1.30	0.709251	-1.13	0.488596	1.14
CLDN14	claudin-14	3 10301630 10302349	0.093241	5.87	0.351333	4.69	0.980274	-1.02
POU2AF1	POU domain class 2-associating factor 1	14 107320447 107345412	0.093285	2.20	0.856078	-1.23	0.614058	1.34
GPR35	G-protein coupled receptor 35	12 130500294 130501223	0.093285	1.83	0.556766	-1.50	0.692029	1.20
KIF13B	kinesin-like protein KIF13B isoform X3	8 29542608 29733472	0.093285	1.16	0.146364	1.22	0.521915	-1.07
RAD9B	cell cycle checkpoint control protein RAD9B	11 114111928 114148626	0.093285	-1.45	0.905393	-1.07	0.708024	1.12
LRRC15	leucine-rich repeat-containing protein 15	2 3168917 3170662	0.093285	-4.14	0.777448	1.72	0.011443	8.45
MRPL43	39S ribosomal protein L43, mitochondria	9 99934246 99935090	0.093326	-1.20	0.621147	-1.11	0.628197	-1.07
LACE1	lactation elevated protein 1 isoform X1	4 12215217 12437860	0.093394	-1.22	0.914011	1.04	0.859666	-1.03
SPATC1	speriolin	8 145676845 145683006	0.093394	-2.52	0.309251	-2.83	0.745951	-1.27
DDIT4	uncharacterized protein LOC101866790	9 63365250 63366224	0.093408	1.28	0.742766	1.11	0.245316	1.22
MFS14A	hippocampus abundant transcript 1 protein	1 126762722 126809022	0.093408	-1.26	0.359843	1.25	0.234313	1.21
FASTKD2	FAST kinase domain-containing protein 2	12 96369481 96392132	0.093408	-1.30	0.589490	1.18	0.825475	1.05
SCARF1	scavenger receptor class F member 1 isoform X1	16 1526868 1537302	0.093506	1.25	0.923566	1.04	0.993285	1.00
EP400	E1A-binding protein p400 isoform X1	11 136464740 136600848	0.093506	1.09	0.983197	-1.00	0.885455	1.01
CCND2	G1/S-specific cyclin-D2	11 4452344 4481049	0.093547	1.20	0.575815	1.13	0.956353	-1.01
YLPM1	YLP motif-containing protein 1 isoform X1	7 139449269 139523234	0.093595	1.18	0.972293	-1.01	0.541398	1.08
SIK1	serine/threonine-protein kinase SIK1 isoform X1	3 3359103 3368658	0.093612	1.42	0.225875	1.53	0.401971	-1.23
XKR9	XK-related protein 9 isoform X1	8 71914637 71961703	0.093694	-1.76	0.906846	1.11	0.601878	1.25
RASAL1	rasGAP-activating-like protein 1 isoform X1	11 116820962 116856596	0.093771	1.75	0.922796	1.09	0.997204	1.00
CCDC96	coiled-coil domain-containing protein 96	5 5908514 5910193	0.093771	1.71	0.305250	1.92	0.513172	-1.31
SCGB1A1	uteroglobin	14 11865214 11868043	0.094031	4.25	0.673330	2.13	0.215425	-3.46
LOC102129152		18 32060421 32145491	0.094031	-3.20	0.281258	5.16	0.921540	-1.08
RAB5B	uncharacterized protein LOC101865961	11 54895643 54901946	0.094042	1.33	0.898110	-1.06	0.673937	1.10
DNAH5	dynein heavy chain 5, axonemal	6 14095296 14336228	0.094049	4.13	0.992376	-1.02	0.565129	-1.85
TAF13	uncharacterized protein LOC101867317	1 117682524 117694347	0.094049	-1.29	0.806337	-1.09	0.297098	1.20
IGSF1	immunoglobulin superfamily member 1 isoform X1	X 128152380 128165307	0.094125	1.82	0.581545	1.48	0.660853	-1.21
OAZ1	ornithine decarboxylase antizyme 1	19 2141274 2144657	0.094266	-1.24	0.645720	-1.13	0.373650	-1.14
LOC102129964	heparan-alpha-glucosaminide N-acetyltransferase 1	0 8333 52927	0.094481	1.39	0.910043	1.06	0.413868	1.21
FRAS1	extracellular matrix protein FRAS1 isoform X1	5 55984490 56430831	0.094545	1.51	0.382077	-1.45	0.446146	-1.25
SCAF1	splicing factor, arginine/serine-rich 19	19 50500511 50513844	0.094545	1.17	0.979469	-1.01	0.986122	-1.00
STXBP5	syntaxin-binding protein 5 isoform X1	4 53077411 53264960	0.094545	-1.25	0.579596	1.15	0.545283	1.11
GPIHBP1	glycosylphosphatidylinositol-anchored histidine phosphatase 1	8 144822901 144825220	0.094730	2.45	0.000036	20.80	0.657542	-1.43
PURB	transcriptional activator protein Pur-beta	3 75618847 75619557	0.094730	-1.24	0.068590	1.43	0.891968	1.03
RAD51B	DNA repair protein RAD51 homolog 2 isoform X1	7 132354003 133014740	0.094733	-1.31	0.424237	-1.26	0.110748	-1.33
LOC107129606		4 144385086 144400212	0.095031	-1.55	0.939680	-1.05	0.864159	-1.06
EXOC3L4	exocyst complex component 3-like protein 4	7 168378419 168399716	0.095095	1.86	0.529012	1.57	0.686200	1.22
LIMK2	LIM domain kinase 2 isoform X1	10 20125326 20192457	0.095095	1.23	0.674941	-1.12	0.873017	-1.03
LOC107128675	LOW QUALITY PROTEIN; putative zinc finger protein	0 42999 46744	0.095095	-1.26	0.054813	1.51	0.176021	-1.24
C1H1orf226	uncharacterized protein C1orf226 homolog 1	1 89347821 89375425	0.095126	1.48	0.414334	-1.39	0.867228	-1.05
TMEM107	transmembrane protein 107 isoform X4	16 8298827 8300877	0.095133	-1.22	0.373952	-1.21	0.074909	-1.26
LOC107129323	T-cell receptor beta chain V region LB2-like 1	3 175787614 175788181	0.095149	2.00	0.613163	-1.49	0.699682	-1.19
HEATR9	protein HEATR9	16 32225882 32241476	0.095149	1.85	0.343941	-1.91	0.547372	-1.33
CCDC181	coiled-coil domain-containing protein 181	1 27347873 27379086	0.095149	1.45	0.975123	1.02	0.672550	-1.13
C13H2orf42	uncharacterized protein C2orf42 homolog 1	13 39725504 39753063	0.095149	1.39	0.550383	-1.25	0.306090	1.27
LOC102145632	zinc finger protein 761	19 54221593 54234290	0.095149	1.29	0.879449	1.06	0.730034	1.07

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
GLMN	glomulin isoform X1	1 134681765 134740243	0.095149	-1.40	0.735662	1.16	0.716089	1.10
LOC102116978	galactoside-binding soluble lectin 13	19 40070958 40075823	0.095217	2.79	0.774694	1.50	0.659545	-1.43
LOC102135442	tyrosine-protein kinase ZAP-70 isoform X1	13 1861922 1875946	0.095217	1.34	0.039849	-1.71	0.427999	1.18
RCSL1	capZ-interacting protein isoform X1	1 25596199 25671074	0.095217	1.22	0.608322	-1.13	0.583858	1.09
LOC102118651		8 102498278 102529598	0.095246	2.09	0.830080	-1.25	0.542628	1.40
RPE	ribose-phosphate 3-epimerase isoform X1	12 99493929 99510792	0.095246	-1.33	0.269302	1.38	0.222323	1.27
MYBPC1	myosin-binding protein C, slow-type isoform X1	11 105337650 105436424	0.095387	11.29	0.415897	10.32	0.654169	2.36
LOC102147318		14 161806 166624	0.095387	2.14	0.635513	1.76	0.789492	-1.22
DRD2	D(2) dopamine receptor	14 109410651 109424822	0.095476	2.82	0.589490	1.92	0.498446	1.63
XRCC4	X-ray repair complementing defective replication 4	6 81376877 81640420	0.095476	-1.35	0.874086	1.07	0.920994	-1.03
FBXO36		12 119802434 119821706	0.095772	1.36	0.230680	1.49	0.353176	1.23
FAM91A1	protein FAM91A1 isoform X1	8 125114760 125160905	0.095772	-1.35	0.474399	1.27	0.258108	1.27
CER1	cerberus	15 64045032 64047611	0.095789	5.83	1.000000	11.91	0.589566	2.01
SLC25A23	calcium-binding mitochondrial carrier protein 23	19 6613036 6645405	0.095790	1.44	0.671579	-1.21	0.525053	-1.19
C12H2orf72	uncharacterized protein C2orf72 homolog	12 120845520 120854767	0.095859	8.98	1.000000	1.74	1.000000	-1.14
PACSIN1	protein kinase C and casein kinase substrate-associated protein 1	4 136260413 136267232	0.095859	2.03	0.105667	-3.07	0.587495	1.34
EYA1	eyes absent homolog 1 isoform X4	8 72392645 72716249	0.095859	1.98	0.516100	-1.63	0.756724	-1.18
HPSE2	inactive heparanase-2	9 97291431 98087271	0.095859	1.76	0.030466	2.95	0.694970	-1.19
TSPAN18	tetraspanin-18 isoform X1	14 22661090 22691656	0.095859	1.35	0.924645	-1.05	0.549924	1.15
CHCHD4	mitochondrial intermembrane space import and export protein 4	11 86108529 86121728	0.095859	-1.22	0.866264	-1.05	0.537439	-1.10
CCNL1	cyclin-L1 isoform X2	2 59530320 59542188	0.095859	-1.31	0.859712	1.07	0.295978	-1.22
RENBP	N-acylglucosamine 2-epimerase isoform X1	X 150926630 150936099	0.095859	-1.34	0.230660	-1.43	0.217201	-1.29
CBLL1	E3 ubiquitin-protein ligase Hakai isoform X1	3 140226027 140240422	0.095859	-1.37	0.352169	1.37	0.403924	1.21
FBXL17	F-box/LRR-repeat protein 17	6 106592018 107144799	0.095859	-1.42	0.283045	1.47	0.476280	1.20
CTSH	pro-cathepsin H	7 57384077 57404798	0.095981	-1.35	0.284331	-1.39	0.117801	-1.36
PKN2	serine/threonine-protein kinase N2 isoform X1	1 138439983 138602687	0.096033	-1.41	0.268391	1.48	0.230057	1.33
SMAD3	mothers against decapentaplegic homolog 3	7 44711142 44838444	0.096115	1.18	0.944531	-1.02	0.579219	1.07
E1F4A3	eukaryotic initiation factor 4A-III	16 77688148 77702773	0.096166	1.13	0.771069	-1.05	0.939484	-1.01
PTRH2	peptidyl-tRNA hydrolase 2, mitochondrial	16 45256071 45265358	0.096166	-1.35	0.928719	1.04	0.584227	-1.13
UBLCP1	ubiquitin-like domain-containing CTD phosphatase 1	6 158720838 158736274	0.096206	-1.47	0.328383	1.49	0.139423	1.47
PSMA4	proteasome subunit alpha type-4	7 56883303 56890456	0.096245	-1.19	0.568505	-1.12	0.680740	1.06
HNRNPA2B1	heterogeneous nuclear ribonucleoproteins A2/B1	3 94577515 94585610	0.096258	-1.17	0.795515	1.06	0.806824	1.03
LOC102115743	T-cell receptor beta chain V region CTL-1	3 175394872 175395353	0.096329	2.39	0.518077	1.56	0.742345	1.25
ING3	inhibitor of growth protein 3 isoform X1	3 153724845 153752411	0.096349	-1.22	0.194824	1.30	0.454563	1.12
NUMB	protein numb homolog isoform X4	7 137967698 138048913	0.096435	1.17	0.070565	1.31	0.978231	1.00
RANBP6	ran-binding protein 6 isoform X1	15 72996292 72999609	0.096435	-1.38	0.551212	1.25	0.568664	1.15
TRAPPC2	trafficking protein particle complex subunit 2	X 11474386 11479921	0.096528	-1.22	0.147519	1.32	0.364968	1.14
PUS10	putative tRNA pseudouridine synthase PUS10	13 49098405 49179539	0.096528	-1.37	0.847318	1.09	0.625004	-1.12
PCDH15	protocadherin-15 isoform X1	9 81524059 82404252	0.096536	2.29	0.594451	1.68	0.730623	-1.25
LALNT9	polypeptide N-acetylglucosaminyltransferase 9	11 136748966 136860905	0.096576	1.74	0.052232	-2.79	0.000277	3.67
LRRN1	leucine-rich repeat neuronal protein 1	2 134735723 134737873	0.096576	1.69	0.933568	-1.07	0.174294	1.61
CNTN3	contactin-3	2 129924812 130174012	0.096716	1.65	0.733772	-1.23	0.330730	1.40
TRPS1	zinc finger transcription factor Trps1 isoform X1	8 116646403 116902720	0.096734	-1.37	0.858257	1.09	0.261264	1.28
LOC102140594	NADH dehydrogenase [ubiquinone] iron-sulfur domain subunit 1	2 98810767 98811399	0.096758	-1.28	0.946496	-1.03	0.099470	-1.31
DTNB	dystrobrevin beta isoform X8	13 85274006 85523037	0.096758	-1.33	0.513177	-1.24	0.370553	-1.20
LOC107130565	LOW QUALITY PROTEIN: endogenous	1 90109228 90111227	0.096765	-3.52	0.716288	-1.77	0.763640	-1.30
PGM1	phosphoglucomutase-1	1 163755318 163820538	0.096776	-1.29	0.386219	-1.26	0.722259	-1.07
NEK5	serine/threonine-protein kinase Nek5 isoform X1	17 31315781 31389356	0.096804	1.99	0.061996	4.44	0.498623	1.52
CDC42EP3	cdc42 effector protein 3 isoform X1	13 73024361 73025125	0.096831	1.22	0.157309	1.32	0.187414	1.20
LOC107129320	T-cell receptor beta chain V region PHDS3	3 175880709 175881328	0.096834	2.11	0.898232	-1.17	0.083354	2.19
FZD1	frizzled-1	3 120727253 120729208	0.097144	1.35	0.315574	1.37	0.238654	1.28
FBXO41	F-box only protein 41	13 36581041 36594207	0.097164	1.62	0.289491	-1.64	0.613472	1.19
BTBD10	BTB/POZ domain-containing protein 10 isoform X1	14 54272861 54323378	0.097176	-1.21	0.434068	1.18	0.426156	1.12
PLA2G2C	putative inactive group IIC secretory phospholipase A2 group 2C	1 208240156 208254620	0.097181	3.86	0.751819	1.87	0.413109	-2.08
GOLT1A	vesicle transport protein GOT1A isoform X1	1 62675583 62692090	0.097257	-1.63	0.550531	-1.38	0.295978	-1.41
ABCC6	multidrug resistance-associated protein 6 isoform X1	20 16205372 16272233	0.097281	2.65	0.139308	6.26	0.727472	-1.28
EPSL1	epidermal growth factor receptor kinase subunit 1	19 55880418 55891507	0.097286	1.55	0.564257	1.34	0.079288	-1.66
SLC29A1	equilibrative nucleoside transporter 1 isoform X1	4 126290255 126304607	0.097358	1.19	0.864904	1.05	0.434450	-1.10
STOM	erythrocyte band 7 integral membrane protein	15 15925250 15956658	0.097427	-1.27	0.677313	-1.13	0.270009	1.20
LOC102130328	uncharacterized protein LOC102130328	10 82085925 82089062	0.097427	-1.54	0.969025	1.03	0.452138	-1.27
ECM1	extracellular matrix protein 1	1 101559529 101564790	0.097427	-1.68	0.296898	-1.76	0.699682	-1.17
PPP2CB	serine/threonine-protein phosphatase 2A catalytic subunit	8 31377260 31404543	0.097447	-1.26	0.173609	1.36	0.693697	1.07
LOC107127086		13 22731567 22746292	0.097578	2.04	0.045442	4.27	0.719167	1.24
CYSLTR1	cysteinyl leukotriene receptor 1	X 75194919 75195932	0.097656	1.49	0.112633	1.83	0.618523	1.16
LOC102127258	histamine N-methyltransferase	12 26317706 26366975	0.097656	-1.33	0.489195	1.24	0.774221	1.07
SGCB	beta-sarcoglycan	5 82483746 82492879	0.097810	1.33	0.046929	1.68	0.442388	1.18
LOC102122845	LOW QUALITY PROTEIN: butyrophilin	9 17797864 17799468	0.097819	-4.41	0.934916	1.19	0.827501	-1.24
CEP78	centrosomal protein of 78 kDa isoform X1	15 88956411 88991520	0.097827	-1.24	0.264771	-1.27	0.691570	1.07
RTN4	reticulon-4 isoform X1	13 55010976 55089716	0.097872	-1.31	0.722419	1.13	0.272346	1.23
LOC107131026	Ig lambda chain V-II region MGC-like	10 28649104 28649725	0.097873	2.26	0.937104	1.11	0.477123	-1.52
MCPH1	microcephalin isoform X1	8 6621606 6859798	0.097873	1.24	0.219202	1.30	0.133941	-1.24
DDX54	ATP-dependent RNA helicase DDX54 isoform X1	11 116878652 116905536	0.097873	1.55	0.232372	-1.18	0.873547	-1.02
TCF23	transcription factor 23 isoform X2	13 83716213 83719931	0.097897	3.57	0.169762	6.56	0.762695	-1.35
LRRIQ3	leucine-rich repeat and IQ domain-containing protein 3	1 153084203 153238670	0.097913	-1.58	0.763245	1.20	0.851787	1.07
SEC14L5	SEC14-like protein 5	20 5254808 5313060	0.097940	1.93	0.014941	5.90	0.192389	-1.84
CST5	cystatin-D	10 38435954 38439607	0.097940	-2.21	0.410217	-1.69	0.009369	-2.58
TTC24	tetratricopeptide repeat protein 24 isoform X1	1 95127723 95133162	0.097942	1.50	0.014408	-2.42	0.895476	-1.05
LOC102121517	uncharacterized protein LOC102121517 isoform X1	0 42 707	0.097942	-1.47	0.973196	-1.02	0.965116	1.02
FZD8	frizzled-8	9 36303744 36306479	0.097942	1.30	0.207187	1.39	0.456860	1.15
TRIM41	E3 ubiquitin-protein ligase TRIM41 isoform X1	6 181284556 181298251	0.097942	1.17	0.474410	-1.13	0.837388	-1.03
TRPT1	tRNA 2'-phosphotransferase 1 isoform X1	14 10326536 10328657	0.097957	1.52	0.003177	-2.80	0.707769	1.13
LOC102122537	coiled-coil domain-containing protein 88E	0 5480 10365	0.097957	1.33	0.951768	1.03	0.825602	1.05
LOC102129879		1 152470484 152477732	0.097957	-2.37	0.288399	2.61	0.720441	-1.30
LOC101925630		19 53054683 53102907	0.098060	1.20	0.234771	1.24	0.795686	1.04
LOC102132452	cholesterol 7-alpha-monooxygenase	8 59605615 59614264	0.098172	-1.52	0.015991	2.39	0.746312	1.12
PEX13	peroxisome biogenesis factor 13	13 49060534 49094066	0.098194	-1.24	0.879644	1.05	0.723407	1.06
FAM46C	protein FAM46C isoform X1	1 109118926 109135904	0.098216	1.53	0.881958	-1.10	0.518952	1.22

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
SYTL2	synaptotagmin-like protein 2 isoform X16	14 81265853 81329031	0.098216	1.25	0.130360	-1.37	0.624738	1.09
PLEKHM3	pleckstrin homology domain-containing family class 3 member 3	12 97458581 97604017	0.098305	1.25	0.944153	1.03	0.640140	1.09
SLC9A3R1	Na(+)/H(+) exchange regulatory cofactor	16 71995327 72014270	0.098305	1.20	0.099046	-1.32	0.505648	-1.09
MIOS	WD repeat-containing protein mio isoform 1	3 113478316 113510112	0.098359	-1.24	0.492464	-1.18	0.819819	1.04
LOC102178013		17 71287583 71313229	0.098359	-3.33	0.876264	-1.38	0.837933	-1.21
ZKSCAN1	zinc finger protein with KRAB and SCAN domain	3 44373357 44385509	0.098563	1.30	0.900320	-1.05	0.140176	1.30
CAPZA2	F-actin-capping protein subunit alpha-2	3 149367884 149422685	0.098563	-1.46	0.283412	1.52	0.578268	1.17
AMOT	angiominin isoform X1	X 109852126 109897607	0.098687	1.25	0.551171	-1.17	0.922723	-1.02
AMZ2	archaemycin-2 isoform X1	16 65404937 65412850	0.098695	1.11	0.058322	-1.20	0.360228	-1.07
LOC102122289	uncharacterized protein LOC102122289	20 72974313 72976272	0.098757	1.18	0.778099	-1.06	0.437127	1.10
GATA1	erythroid transcription factor	X 47325234 47328271	0.098786	2.38	0.332591	2.34	0.777670	-1.20
LOC102136130	uncharacterized serine/threonine-protein kinase	16 24849556 24853355	0.098811	-1.48	0.855754	1.11	0.602992	1.17
LOC102126815		7 158951627 158958173	0.098903	3.01	0.300820	3.99	0.232214	-3.28
ARMC9	lisH domain-containing protein ARMC9 isoform 1	12 121023627 121201503	0.098903	1.24	0.207596	-1.31	0.405131	-1.14
TBC1D7	TBC1 domain family member 7	4 157485846 157507397	0.098903	-1.24	0.676324	-1.12	0.972620	1.01
KRBA1	protein KRBA1 isoform X6	3 182763397 182782358	0.098903	-1.34	0.094146	-1.58	0.307274	-1.24
RAP2A	ras-related protein Rap-2a	17 80073419 80123490	0.098903	-1.56	0.284323	1.64	0.471239	1.27
SH2D5	SH2 domain-containing protein 5 isoform 1	1 207662961 207669919	0.098903	-2.73	0.935150	1.15	0.167979	-2.64
PSD2	PH and SEC7 domain-containing protein	6 138939240 138972973	0.098908	-2.33	0.185180	-2.29	0.970768	1.02
MAF	transcription factor Maf	20 67869699 67877388	0.098940	-1.51	0.511202	1.36	0.474235	1.24
XPO6	exportin-6 isoform X2	20 27034748 27151213	0.099071	1.16	0.866557	1.04	0.624396	1.06
CIART	circadian-associated transcriptional repressor	1 101795634 101799661	0.099134	1.78	0.896775	-1.12	0.484870	-1.34
ACTR10	actin-related protein 10 isoform X1	7 122471766 122512098	0.099624	-1.12	0.023982	1.25	0.731193	1.03
FGD1	FYVE, RhoGEF and PH domain-containing protein 1	X 53553682 53606051	0.099633	1.29	0.371135	-1.27	0.762449	-1.06
TTC4	tetratricopeptide repeat protein 4 isoform 1	1 172665742 172694100	0.099633	-1.22	0.691084	-1.10	0.381179	-1.13
UTP11L	probable U3 small nucleolar RNA-associated protein 1	1 189797740 189812819	0.099633	-1.26	0.906596	1.04	0.650678	1.08
TMCC2	transmembrane and coiled-coil domains protein 2	1 63734619 63777506	0.099671	1.40	0.929420	-1.05	0.660853	-1.12
MOSPDI	motile sperm domain-containing protein 1	X 131814688 131825706	0.099671	-1.26	0.503167	1.19	0.663223	1.09
LOC107128764		2 256859 276791	0.099671	-1.93	0.822896	-1.24	0.595329	-1.30
NCAN	neurocan core protein isoform X1	19 19704162 19742102	0.099671	-3.29	1.000000	2.37	0.601603	-1.89
RELL1	uncharacterized protein LOC101926041	5 37248146 37302576	0.099739	1.25	0.857309	-1.06	0.931300	1.02
LOC102144577	LOW QUALITY PROTEIN: uncharacterized protein	1 93629039 93629665	0.099770	1.37	0.387262	-1.34	0.601182	1.13
USP14	ubiquitin carboxyl-terminal hydrolase 14 isoform 1	18 61417243 61470339	0.099770	-1.27	0.974592	1.01	0.551381	1.11
ACAN	aggrecan core protein	7 69042075 69081001	0.099859	5.73	0.210275	-2.52	0.719026	-1.20
IQCH	IQ domain-containing protein H isoform 2	7 44909564 45167566	0.099859	2.62	0.802222	-1.59	0.528260	-0.98
LCORL	ligand-dependent nuclear receptor corepressor 1	5 17016642 17192440	0.099903	-1.35	0.848538	1.09	0.616339	1.12
POP1	ribonucleases P/MRP protein subunit POF1	8 99279189 99317145	0.099925	-1.39	0.829475	-1.11	0.951641	1.02
TET2	methylcytosine dioxygenase TET2 isoform 1	5 104668036 104710328	0.099997	-1.25	0.474399	1.20	0.076973	1.30
DOCK1	dedicator of cytokinesis protein 1 isoform 1	9 126232015 126832385	0.100058	1.28	0.886286	1.06	0.382741	1.17
BAX	apoptosis regulator BAX isoform X1	19 49779996 49785391	0.100138	-1.22	0.075685	-1.39	0.238510	-1.18
LOC102118733	putative V-set and immunoglobulin domain-containing protein	0 1330 1988	0.100213	2.47	0.399171	-2.21	0.725505	-1.27
LOC102137841		19 59085952 59089902	0.100254	1.24	0.944531	1.03	0.978457	1.01
SLCO2A1	uncharacterized protein LOC101926486	2 36117222 36213494	0.100359	1.63	0.057346	2.34	0.733130	1.14
SLCO3A1	solute carrier organic anion transporter family 3 member 1	7 72411378 72730489	0.100479	1.12	0.007677	-1.28	0.079923	-1.14
ASTN1	astrotactin-1 isoform X2	1 34823941 35126658	0.100495	3.14	0.153816	-4.72	0.985542	-1.02
YBX3	Y-box-binding protein 3 isoform X8	11 11018696 11040632	0.100495	-1.24	0.035119	1.50	0.083465	-1.28
SYT13	synaptotagmin-13	14 22307477 22349949	0.100530	2.84	0.967343	-1.08	0.283867	2.38
LOC102141943		20 8246185 8335233	0.100806	7.08	1.000000	5.25	1.000000	-1.20
SLC1A2	excitatory amino acid transporter 2 isoform 1	14 32016559 32179195	0.100920	-1.82	0.208268	-2.14	0.871485	1.09
ETNK2	ethanolamine kinase 2 isoform X4	1 62610538 62629919	0.100927	1.31	1.000000	-1.00	0.537126	1.13
UBC	polyubiquitin-C	11 129294893 129296722	0.100927	1.16	0.861003	-1.04	0.626975	-1.20
LOC107128773		2 3800700 3803108	0.100967	4.00	1.000000	-1.49	0.484110	-1.77
PRDX3	uncharacterized protein LOC101864898	9 118397383 118407513	0.100967	-1.26	0.492393	1.20	0.441385	1.14
FER1L5	fer-1-like protein 5	13 1377033 1445690	0.101096	1.32	0.130960	-1.50	0.693588	1.09
EEF1A1	uncharacterized protein LOC101925273	4 100399695 100401918	0.101096	1.20	0.882966	-1.04	0.825585	1.03
LOC102125088	cytochrome c-like	4 90357545 90357862	0.101157	-4.23	0.070565	16.44	0.093251	-5.35
LOC102135951	neuroblastoma breakpoint family member 1	1 54899 58287	0.101376	-1.79	0.221333	-2.06	0.439367	-1.39
PRCD	progressive rod-cone degeneration protein	16 73923621 73926056	0.101420	2.04	0.741342	1.37	0.367261	-1.60
LOC102141023		20 44672323 44673437	0.101497	1.81	0.083071	-2.60	0.045735	-2.30
PRKAR2B	cAMP-dependent protein kinase type II-beta regulatory subunit	3 139519226 139631944	0.101497	1.48	0.402006	1.43	0.236244	1.39
PDCL	phosducin-like protein	15 13227253 13233911	0.101497	-1.31	0.129551	1.49	0.251714	1.25
HMOX1	uncharacterized protein LOC101926565	10 15905251 15918174	0.101497	-2.29	0.990128	-1.02	0.495650	-1.53
MYCN	N-myc proto-oncogene protein isoform X1	13 94998835 95005258	0.101638	-1.44	0.472598	-1.29	0.923619	1.03
DDX58	probable ATP-dependent RNA helicase DDX58	15 46348339 46420261	0.101639	-1.51	0.311528	1.56	0.356051	1.32
LOC107128593		4 214968 215678	0.101644	3.06	0.995062	-1.01	0.027239	-4.93
LOC102118121		6 117442216 117544439	0.101644	2.35	0.273206	2.78	0.720820	-1.29
STAMBP	STAM-binding protein	13 36077625 36111888	0.101644	-1.11	0.480212	1.08	0.484112	1.05
LOC102119175		9 74259319 74295468	0.101644	-1.84	0.993669	-1.01	0.626811	1.26
CRLF1	cytokine receptor-like factor 1	19 19055077 19073879	0.101842	1.97	0.643516	1.49	0.184407	-1.85
COX3	cytochrome c oxidase subunit III	MT 9205 9988	0.101871	-1.30	0.291181	-1.34	0.549839	-1.13
SPINK8	serine protease inhibitor Kazal-type 8 isoform 1	2 103398160 103428368	0.101983	5.12	1.000000	-2.95	0.917662	-1.18
DDC2C	doublecortin domain-containing protein 2	4 146219536 146408409	0.101983	1.69	0.250908	-1.79	0.535309	-1.26
FAM118A	protein FAM118A isoform X5	10 5632422 5650692	0.101983	1.23	0.674364	1.11	0.505194	-1.11
ZDHHC9	palmitoyltransferase ZDHHC9 isoform X1	X 126687389 126723961	0.102115	-1.62	0.970871	1.03	0.791858	-1.11
TTL9	probable tubulin polyglutamylase TTL9	10 63202651 63270378	0.102501	4.34	0.956287	1.17	0.890939	-1.21
LOC107127712		16 5413123 5416810	0.102544	2.48	0.243967	3.01	0.993613	1.01
PCBD1	pterin-4-alpha-carbinolamine dehydratase	9 64785370 64789612	0.102544	-1.22	0.432771	-1.19	0.125909	-1.23
VAMP7	vesicle-associated membrane protein 7 isoform 1	X 152716362 152767713	0.102544	-1.34	0.249370	1.42	0.334756	1.23
LOC107127445		14 110425467 110427753	0.102544	-2.75	0.553499	2.15	0.465407	1.83
PLGRKT	plasminogen receptor (KT)	15 73596252 73668217	0.102759	-1.27	0.084854	-1.48	0.973325	-1.01
RP55	40S ribosomal protein S5	19 58988792 58996239	0.102861	1.22	0.387726	-1.21	0.905833	-1.02
ACTN2	alpha-actinin-2 isoform X1	1 12715982 12791845	0.102971	1.86	0.066504	2.91	0.722233	-1.19
SNPH	synthaphilin isoform X2	10 61294542 61303429	0.102971	1.67	0.638796	1.35	0.626639	1.21
BCAS2	uncharacterized protein LOC101865363	1 112177280 112191353	0.102991	-1.15	0.733157	1.07	0.774598	1.03
LOC102141681	adenylate kinase 9	4 13403401 13479378	0.103021	1.54	0.777657	-1.18	0.963154	-1.02
TMEM71	transmembrane protein 71 isoform X6	8 134076687 134127585	0.103021	1.51	0.730253	-1.20	0.877174	1.06
AMIGO1	amphoterin-induced protein 1	1 117244144 117245625	0.103055	1.61	0.351804	1.62	0.884135	1.06

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
GPR25	probable G-protein coupled receptor 25	1 59228446 59229531	0.103076	1.83	0.009113	-3.42	0.996598	1.00
BCL2L2	bcl-2-like protein 2	7 87029149 87030349	0.103222	1.27	0.244182	1.33	0.679130	-1.08
UBE2D3	ubiquitin-conjugating enzyme E2 D3 isoform 3	5 102118255 102147639	0.103222	-1.31	0.404976	1.28	0.651711	1.10
OTX1	homeobox protein OTX1	13 46988551 46991928	0.103392	3.89	0.848552	-1.49	0.639227	1.74
UBE2W	ubiquitin-conjugating enzyme E2 W isoform 2	8 74975801 75046363	0.103392	-1.46	0.411047	1.41	0.542522	1.19
ZNF555	zinc finger protein 555 isoform X1	19 2770209 2783660	0.103409	1.22	0.775061	1.08	0.431010	1.12
LOC102146479		16 42235296 42252683	0.103532	3.04	0.128646	-4.46	0.455919	-1.62
MTOR	serine/threonine-protein kinase mTOR	1 216883963 217029737	0.103532	1.17	0.917945	-1.03	0.917642	1.01
SERF2	small EDRK-rich factor 2 isoform X1	7 20744450 20746046	0.103532	-1.27	0.573089	-1.18	0.081590	-1.32
KIAA0825	uncharacterized protein KIAA0825 homolog 1	6 92554083 92982443	0.103532	-1.34	0.417555	1.30	0.310932	1.24
UBA5	uncharacterized protein LOC101867126	2 34888722 34905115	0.103532	-1.36	0.965744	-1.03	0.817276	1.06
QKI	protein quaking isoform X3	4 7366206 7486349	0.103532	-1.37	0.017946	1.93	0.272275	1.28
RNF11	RING finger protein 11	1 176273982 176308341	0.103532	-1.55	0.112633	1.95	0.458372	1.27
SEC23A	protein transport protein Sec23A	7 103002765 103078319	0.103532	-1.66	0.258955	1.81	0.814366	1.10
LOC102138600	EF-hand calcium-binding domain-containing protein 1	3 138019596 138035070	0.103825	4.11	0.979974	-1.07	0.905144	-1.18
LOC102144231	aldo-keto reductase family 1 member C2-like protein 1	9 5655859 5667927	0.103937	3.08	0.694214	1.67	0.856990	1.20
LOC102130961	dedicator of cytokinesis protein 6	19 11542146 11552311	0.103937	1.42	0.512265	1.30	0.697582	1.12
NANP	N-acylneuraminate-9-phosphatase	10 36689910 36697791	0.103937	-1.32	0.715842	1.14	0.590413	1.12
SRD5A3	polyprenol reductase isoform X4	5 79096266 79137198	0.103962	-1.21	0.428144	-1.18	0.154468	-1.20
CDK15	cyclin-dependent kinase 15 isoform X1	12 91225363 91313100	0.104063	1.57	0.809541	1.17	0.731903	-1.13
TCIRG1	V-type proton ATPase 116 kDa subunit a	14 6641914 6653271	0.104067	-1.30	0.184778	-1.42	0.638928	-1.10
FGFR1OP	FGFR1 oncogene partner isoform X5	4 3682582 3724858	0.104130	-1.27	0.742915	-1.11	0.678291	1.08
LOC107131100	uncharacterized protein LOC107131100	10 64648043 64648651	0.104165	6.09	1.000000	-1.06	0.996126	-1.01
IGSF9	protein turtle homolog A isoform X1	1 91730184 91746324	0.104312	1.58	0.514306	-1.41	0.115838	-1.62
LOC102118879		14 47594594 47597776	0.104434	2.79	0.724832	-2.13	0.391624	2.13
LOC101925321	noelin	15 3241773 3279987	0.104434	1.30	0.872618	1.07	0.968056	1.01
NEK4	serine/threonine-protein kinase Nek4 isoform 1	2 108009481 108081877	0.104434	1.21	0.615211	1.12	0.901243	-1.02
PC	pyruvate carboxylase, mitochondrial isoform 1	14 7563012 7625138	0.104434	-1.31	0.023024	-1.72	0.287742	-1.23
POLR3G	DNA-directed RNA polymerase III subunit 3	6 88890363 88917650	0.104434	-1.57	0.709084	1.24	0.604891	-1.20
TMOD2	tropomodulin-2 isoform X1	7 28757478 28798487	0.104535	1.51	0.279617	1.60	0.260180	1.40
SASS6	spindle assembly abnormal protein 6 homolog 1	1 126712784 126759625	0.104535	-1.66	0.966279	1.04	0.326892	1.43
HAUS7	HAUS augmin-like complex subunit 7	X 150418716 150438756	0.105082	1.17	0.984610	-1.01	0.806210	1.03
SRSF6	serine/arginine-rich splicing factor 6	10 75150997 75155105	0.105230	-1.26	0.940765	1.03	0.482542	-1.13
MSANTD4	myb/SANT-like DNA-binding domain-containing protein 4	14 102044348 102045725	0.105278	-1.29	0.156378	1.43	0.483406	1.14
TMEM63B	CSC1-like protein 2 isoform X2	4 126365686 126387665	0.105453	1.28	0.047093	-1.57	0.140149	-1.29
ZNF532	zinc finger protein 532 isoform X6	18 21531709 21621801	0.105453	1.26	0.453775	1.22	0.455130	1.14
EEF2K	eukaryotic elongation factor 2 kinase	20 21063835 21126722	0.105453	-1.28	0.487849	-1.22	0.369789	1.18
PLEKHA3	pleckstrin homology domain-containing family A member 3	12 67473366 67497034	0.105453	-1.29	0.449048	1.25	0.336347	1.20
YTHDF3	YTH domain-containing family protein 3	8 64266129 64305200	0.105453	-1.34	0.167735	1.50	0.553696	1.14
LOC107127626		15 40308772 40311437	0.105453	-2.10	0.738595	-1.40	0.617891	-1.32
ZNF778	LOW QUALITY PROTEIN: zinc finger protein 778	0 11209 22377	0.105493	1.46	0.838896	-1.13	0.848046	-1.07
TCF7	transcription factor 7 isoform X7	6 133132536 133167124	0.105537	1.37	0.993973	-1.00	0.857193	1.05
LOC101926401	uncharacterized protein C10orf68 homolog 1	9 33257216 33486639	0.105537	-1.97	0.974592	1.04	0.362168	-1.59
LOC102121103	xxa-Pro dipeptidase isoform X1	19 33811138 33883660	0.105602	1.36	0.238623	-1.45	0.810252	1.06
PTOV1	prostate tumor-overexpressed gene 1 protein	19 50733612 50743271	0.105602	1.27	0.657091	-1.14	0.230726	-1.23
ALDH7A1	alpha-aminoacidic semialdehyde dehydrogenase 7	6 125489912 125540927	0.105602	1.22	0.067371	-1.40	0.230640	-1.18
WDR25	WD repeat-containing protein 25	7 165597186 165744876	0.105602	1.19	0.567865	-1.13	0.857760	1.03
CNTD2	CyN-terminal domain-containing protein 2	19 40700407 40704907	0.105602	-3.65	1.000000	-3.19	0.445745	-2.47
KCNK10	potassium channel subfamily K member 10	7 153104348 153249354	0.105662	1.71	0.960055	-1.05	0.514015	1.31
WNK2	LOW QUALITY PROTEIN: serine/threonine kinase 2	15 107299915 107372119	0.105690	1.86	0.781775	1.29	0.320845	1.67
NQO1	NAD(P)H dehydrogenase [quinone] 1	20 58020001 58038088	0.105773	-1.45	0.831558	1.12	0.565261	-1.18
LOC102118051	leucine zipper putative tumor suppressor 3	10 59345928 59349302	0.105796	1.50	0.935150	1.06	0.287784	-1.36
NCBP2	nuclear cap-binding protein subunit 2	2 1240337 1246531	0.105796	-1.21	0.791630	-1.07	0.862128	-1.03
AMBP	protein AMBP	15 23504039 23521891	0.105803	6.54	1.000000	-3.17	0.723472	-1.57
ZC3H18	zinc finger CCCH domain-containing protein 18	20 77004534 77066137	0.105803	1.17	0.307972	-1.19	0.736816	1.04
HNL1	hematological and neurological expressed protein 1	20 1733958 1752491	0.105803	-1.21	0.941795	-1.02	0.833535	1.03
SPOLP	speckle-type POZ protein-like isoform X1	12 26909808 26928590	0.105803	-1.39	0.201112	1.54	0.356582	1.25
PTBP3	polypyrimidine tract-binding protein 3 isoform 1	15 25231597 25342075	0.106063	-1.42	0.450529	1.34	0.446080	1.22
BTN3A2	butyrophilin subfamily 3 member A2 isoform 4	4 144200097 144206000	0.106462	1.39	0.757402	1.15	0.549660	1.16
LOC102120721	LOW QUALITY PROTEIN: cocaine esterase 1	20 55109151 55120611	0.106540	1.88	0.310780	2.22	0.645272	-1.29
CCNDBP1	cyclin-D1-binding protein 1	7 20171182 20181374	0.106615	1.17	0.362880	-1.17	0.646006	-1.06
SMS	spermine synthase isoform X1	X 19874023 19938398	0.106622	-1.28	0.832759	-1.08	0.398085	-1.17
CARD19	bcl10-interacting CARD protein isoform 1	15 107159550 107177342	0.106622	-1.23	0.107128	-1.38	0.543034	-1.10
LOC102145943	putative fatty acid desaturase 2-like protein 1	14 16616175 16653400	0.106761	2.43	0.009345	-7.32	0.560601	-1.49
LOC102124488	RNA polymerase-associated protein LEO1	7 28890446 28916682	0.106761	-1.81	0.955892	1.06	0.400981	-1.44
ACKR4	atypical chemokine receptor 4	2 34830942 34831994	0.106775	-1.87	0.724920	1.34	0.882032	-1.08
C15H9orf47	LOW QUALITY PROTEIN: uncharacterized protein C15orf47	15 99630428 99632501	0.106984	1.96	0.020636	4.43	0.978327	-1.02
ANKRD33B	ankyrin repeat domain-containing protein 33B	6 10668666 10754554	0.106984	1.49	0.895927	1.09	0.953739	1.02
C14H1orf73	protein Hkeshi isoform X1	14 81878470 81918905	0.106984	-1.12	0.919489	-1.02	0.295320	-1.09
LOC102130554	zinc finger protein 25-like protein 1	9 37426324 37427430	0.106984	-4.41	0.184552	-7.95	0.004076	18.04
PAFAH1B2	platelet-activating factor acetylhydrolase 1B isoform 2	14 113105572 113126496	0.107097	-1.20	0.236097	1.25	0.236181	1.17
LOC107126592		10 67574374 67577235	0.107108	3.66	0.915946	-1.26	0.495554	-2.10
SHF	SH2 domain-containing adapter protein F	7 22081372 22113897	0.107195	1.37	0.973924	1.02	0.450963	-1.19
CNN3	calponin-3 isoform X2	1 131992286 132028065	0.107342	-1.26	0.991317	1.00	0.920710	1.02
MANBAL	protein MANBAL	10 68872024 68887965	0.107624	1.18	0.767140	1.07	0.098683	-1.21
GOLGA2	golgin subfamily A member 2 isoform X1	15 10929117 10948319	0.107671	1.11	0.190971	-1.15	0.811880	-1.02
CDC73	parafibromin	1 51305921 51443667	0.107671	-1.38	0.196674	1.53	0.375647	1.24
SLC16A13	monocarboxylate transporter 13	16 7065392 7068437	0.107671	-1.42	0.305527	-1.48	0.261345	1.34
TRIM2	tripartite motif-containing protein 2 isoform 1	5 152434205 152564925	0.107671	-1.49	0.560492	1.32	0.472629	1.24
LOC107129091		3 31370062 31378464	0.107671	-1.75	0.966516	1.05	0.557490	-1.30
LOC102132592	leucine-rich repeat-containing protein 37A	16 57521949 57558940	0.107781	1.97	0.735924	-1.38	0.707769	-1.25
ARHGEF33	rho guanine nucleotide exchange factor 33	13 71653339 71750583	0.107781	1.39	0.775051	-1.13	0.808987	1.07
DDHD1	phospholipase DDHD1 isoform X7	7 117251678 117375880	0.107781	-1.21	0.289491	1.24	0.105099	1.24
ZYX	zyxin isoform X2	3 176564733 176574466	0.108167	1.18	0.623775	1.11	0.941476	1.01
GPR107	protein GPR107	15 8933091 9022171	0.108167	1.14	0.887889	1.03	0.336135	1.10
KLHL9	kelch-like protein 9	15 57451274 57453127	0.108277	-1.19	0.233423	1.24	0.100876	1.21
RORA	nuclear receptor ROR-alpha isoform X1	7 37855556 38042501	0.108277	-1.44	0.473932	1.35	0.954015	1.02

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
CLCNKB	chloride channel protein CIC-Kb isoform	1 212356368 212369141	0.108332	3.63	0.885919	-1.27	0.285153	-2.31
CFBF	core-binding factor subunit beta isoform X	20 55176220 55250919	0.108332	-1.55	0.453500	1.45	0.492448	1.26
NT5C3B	7-methylguanosine phosphate-specific 5'-	16 53509318 53525086	0.108358	1.29	0.851741	-1.08	0.857760	-1.04
SRD5A2	3-oxo-5-alpha-steroid 4-dehydrogenase 2	13 79145698 79200410	0.108588	5.34	1.000000	-4.25	0.590153	1.98
NAP1L5	nucleosome assembly protein 1-like 5	5 87839123 87839671	0.108588	-1.36	0.322796	1.39	0.373545	1.22
NDRG2	protein NDRG2 isoform X2	7 84569867 84575575	0.108711	1.67	0.725521	1.27	0.891672	-1.06
RS1	retinoschisin	X 16527122 16555439	0.108763	2.65	0.020592	8.87	0.581343	-1.50
CR2	complement receptor type 2 isoform X1	1 66033851 66067850	0.108763	2.42	0.134806	-3.76	0.628434	1.40
POLR3B	DNA-directed RNA polymerase III subun	11 110071506 110256956	0.108763	-1.20	0.932714	1.03	0.703750	1.06
MSLN	mesothelin isoform X1	20 789881 797459	0.109125	3.73	0.370091	3.64	0.509168	-1.94
CFAP43	cilia- and flagella-associated protein 43 is	9 103206650 103314272	0.109125	2.62	0.805191	1.41	0.264479	-2.19
TXNIP	thioredoxin-interacting protein	1 104332853 104335285	0.109125	1.54	0.130360	1.90	0.612569	1.19
LOC102115683		8 82512483 82528546	0.109138	-1.63	0.368241	1.61	0.783561	1.12
SKAP1	src kinase-associated phosphoprotein 1 iso	16 33475270 33784108	0.109152	1.35	0.061236	-1.68	0.898225	-1.03
IDH3A	isocitrate dehydrogenase [NAD] subunit a	7 56482754 56502944	0.109152	-1.23	0.649778	1.13	0.904890	1.02
C2H3orf38	uncharacterized protein C3orf38 homolog	2 180013662 180021897	0.109152	-1.35	0.404865	1.33	0.467237	1.18
MOB1B	MOB kinase activator 1B isoform X2	5 63581680 63657285	0.109152	-1.49	0.498976	1.36	0.473801	1.24
C3H21orf62	uncharacterized protein C21orf62 homolo	3 13968253 13968912	0.109375	2.40	0.830283	1.30	0.297738	-1.89
LOC102143922	LOW QUALITY PROTEIN: leukocyte in	19 7290 13938	0.109431	1.87	0.677006	1.40	0.167756	1.84
BCAT2	branched-chain-amino-acid aminotransfer	19 49620608 49639998	0.109464	1.37	0.982229	1.01	0.295163	-1.27
GTF2H5	general transcription factor IIIH subunit 5	4 64587694 64598029	0.109464	-1.26	0.645472	-1.14	0.462139	-1.13
LSM5	U6 snRNA-associated Sm-like protein LS	3 88183628 88186725	0.109671	-1.34	0.495550	-1.26	0.474043	1.19
PTN	pleiotrophin isoform X2	3 170200249 170297442	0.109679	1.85	0.956488	1.06	0.834287	1.11
SNCA	alpha-synuclein	5 88891926 88999677	0.109679	1.55	0.026600	2.81	0.210026	-1.52
PRPF6	pre-mRNA-processing factor 6	10 96193794 96252625	0.109679	1.14	0.334193	-1.15	0.175972	-1.14
LOC107126578		10 89609493 89611750	0.109780	2.18	0.463607	-1.95	0.626276	-1.31
LOC102117077	uracase isoform X1	1 142859109 142892010	0.109782	-2.21	0.688332	-1.51	0.678291	-1.29
NRIP2	nuclear receptor-interacting protein 2 iso	11 3002660 3012055	0.109789	1.54	0.567942	1.35	0.382539	1.03
TESPA1	protein TESPA1 isoform X2	11 53874646 53888028	0.109814	1.36	0.272419	-1.43	0.854950	1.05
OSBP2	oxysterol-binding protein-related protein 2	10 94230219 94267633	0.109814	1.11	0.360379	-1.11	0.101930	-1.12
LOC101926125	uncharacterized protein LOC101926125	18 64470316 64475663	0.109814	-1.12	0.951229	-1.01	0.119738	-1.13
GJC2	gap junction gamma-2 protein	1 87011825 87013250	0.109977	1.79	0.672886	1.38	0.241016	-1.64
CHORDC1	cysteine and histidine-rich domain-contair	14 85924023 85945067	0.110051	-1.37	0.349160	1.38	0.753431	1.08
LOC102130358	Ig heavy chain V-I region V35-like	0 220752 221213	0.110103	2.09	0.584741	1.54	0.935033	1.05
CX3CR1	uncharacterized protein LOC101925250	2 94187313 94189805	0.110103	1.67	0.796842	1.21	0.223512	1.57
AGBL4	cytosolic carboxypeptidase 6 isoform X2	1 177547335 179003884	0.110103	1.62	0.849353	-1.15	0.969193	-1.02
POLM	DNA-directed DNA/RNA polymerase mu	3 76436886 76450511	0.110103	1.44	0.580749	-1.28	0.266865	-1.34
LOC102137606	ovostatin-like isoform X2	11 9596014 9744504	0.110103	1.29	0.208125	-1.40	0.861243	1.04
LOC102140788	60S ribosomal protein L26	5 107777888 107778325	0.110103	1.16	0.729994	-1.07	0.871016	-1.02
RPS6KB1	uncharacterized protein LOC101925564	16 45463156 45521546	0.110103	-1.24	0.271883	1.29	0.605487	1.09
LIMA1	LIM domain and actin-binding protein 1 i	11 49037300 49111182	0.110103	-1.41	0.533939	-1.29	0.353176	1.27
ALDH8A1	aldehyde dehydrogenase family 8 membe	4 39214870 39245375	0.110103	-1.80	0.591341	-1.43	0.568664	-1.28
LOC107128440		X 49303831 49307377	0.110103	-2.77	0.766439	-1.48	0.818370	1.21
ABCA4	retinal-specific ATP-binding cassette trans	1 132826711 132952600	0.110426	-1.75	0.959039	1.06	0.837933	1.10
GPATCH1	G patch domain-containing protein 1 isofo	19 33433941 33475420	0.110461	1.23	0.463260	-1.20	0.585283	1.09
ZBED8	protein ZBED8	6 159830863 159832644	0.110461	-1.22	0.048507	1.43	0.027175	1.33
KIZ	centrosomal protein kizuna isoform X4	10 41040534 41162339	0.110478	1.16	0.197299	-1.22	0.643441	-1.06
WIPI2	uncharacterized protein LOC101865895	3 40882215 40895183	0.110478	-2.15	0.217498	-2.45	0.404874	-1.57
ADAT1	tRNA-specific adenosine deaminase 1	20 63769518 63793176	0.110570	1.61	0.631084	-1.32	0.101980	1.70
HSD3B7	3 beta-hydroxysteroid dehydrogenase type	20 29637074 29640187	0.110570	1.29	0.744961	-1.12	0.847658	-1.04
MBTPS2	membrane-bound transcription factor site-	X 19772455 19830566	0.110570	-1.28	0.968189	1.02	0.225169	1.25
ABCC5	multidrug resistance-associated protein 5	2 88592810 88687037	0.110570	-1.29	0.821908	-1.09	0.266288	-1.23
ARL14EP	ARL14 effector protein	14 37090939 37096753	0.110623	-1.22	0.583450	1.14	0.489799	1.11
DIMT1	probable dimethyladenosine transferase	6 61991275 62004725	0.110623	-1.34	0.477699	1.28	0.427836	1.19
JOSD2	josephin-2	19 51342290 51345961	0.110623	-1.36	0.447654	-1.31	0.951721	1.02
LOC107126913		12 64153868 64160551	0.110623	-2.07	0.838045	1.28	0.733941	-1.24
SLC37A4	uncharacterized protein LOC101867441	14 115054050 115058539	0.110684	1.30	0.519426	-1.22	0.442544	1.16
RAP1B	ras-related protein Rap-1b isoform X1	11 67694608 67704250	0.110708	-1.45	0.500861	1.34	0.701902	1.12
ABCA10		16 66289155 66372237	0.110709	1.43	0.422254	-1.38	0.121908	1.51
FAM160A1	protein FAM160A1	0 62015 154244	0.111401	1.54	0.899803	-1.10	0.517925	-1.23
AGPAT1	1-acyl-sn-glycerol-3-phosphate acyltransf	4 138718619 138725866	0.111487	1.15	0.887333	-1.03	0.998128	-1.00
SUZ12	polycomb protein SUZ12 isoform X1	16 28166563 28237494	0.111487	-1.47	0.369296	1.46	0.401971	1.27
LOC102125710	LOW QUALITY PROTEIN: kin of IRRE	19 36334752 36345872	0.111522	4.80	1.000000	1.00	0.028581	14.84
CACNA2D2	voltage-dependent calcium channel subun	2 105613750 105725498	0.111522	2.23	0.737033	1.44	0.973808	1.03
LOC102139186	LOW QUALITY PROTEIN: tumor necro	8 23302603 23321615	0.111522	1.77	0.888859	-1.14	0.114478	1.88
LRRCS8	leucine-rich repeat-containing protein 58 i	2 151806401 151823860	0.111522	-1.55	0.262806	1.69	0.434295	1.30
JDP2	jun dimerization protein 2	7 140143794 140175662	0.111588	-1.20	0.292378	1.23	0.341788	-1.14
LOC102114965	LOW QUALITY PROTEIN: sialic acid-b	19 50841131 50857087	0.111634	-1.41	0.014243	-2.18	0.153633	1.44
VPS72	vacuolar protein sorting-associated protein	1 100814155 100831509	0.111759	1.14	0.921266	1.02	0.377048	-1.09
LOC102129023	LOW QUALITY PROTEIN: supervillin-l	9 31282043 31323012	0.111784	1.47	0.106950	-1.77	0.963605	1.02
DVL2	segment polarity protein dishevelled hom	16 7283104 7291580	0.111836	1.24	0.369764	-1.24	0.838111	-1.04
KANSL1	KAT8 regulatory NSL complex subunit 1	16 58393320 58355693	0.111836	1.15	0.527283	-1.11	0.515656	1.07
RAB13	ras-related protein Rab-13 isoform X2	1 97881440 97885518	0.111878	-1.20	0.010077	-1.51	0.718302	-1.06
LOC102118724	protein BEX2 isoform X1	X 100135221 100136231	0.111952	1.57	0.807442	-1.17	0.790941	-1.11
SORCS3	VPS10 domain-containing receptor SorCS	9 103726393 104337533	0.112087	1.62	0.011145	3.07	0.921540	1.04
C16H17orf58	UPF0450 protein C17orf58 homolog	16 65209518 65210722	0.112106	-1.24	0.319962	1.26	0.039472	1.33
LOC102145268		11 16958067 17030031	0.112331	-4.70	1.000000	-1.60	0.338703	-2.38
LOC102121395		6 151350981 151644508	0.112410	-5.66	1.000000	-1.42	1.000000	-2.23
C1H1orf27	protein odr-4 homolog isoform X1	1 44297527 44336249	0.113037	-1.20	0.517871	1.15	0.419921	1.12
OSBP2	oxysterol-binding protein 2 isoform X1	10 20513201 20734010	0.113099	1.85	0.751034	1.26	0.663130	-1.21
LMNTD1	lamin tail domain-containing protein 1 iso	11 26152095 26198594	0.113156	9.04	1.000000	1.00	0.904471	1.27
SERPINF7	serpin B7	18 16530638 16552516	0.113156	3.30	0.966449	1.13	0.959352	-1.07
LOC102145067	ETS domain-containing transcription fact	0 1873 3803	0.113156	3.07	0.444652	-2.55	0.668755	-1.39
PRPS1	ribose-phosphate pyrophosphokinase 1	X 104724270 104745915	0.113156	1.19	0.094114	1.34	0.564773	1.08
C20H16orf91	protein CCSMST1	20 1442774 1443341	0.113156	-1.18	0.904043	-1.03	0.643038	-1.06
AGPS	alkylldihydroxyacetonephosphate synthase	12 66337346 66495228	0.113156	-1.28	0.298708	1.32	0.308749	1.21
CCDC126	coiled-coil domain-containing protein 126	3 97119720 97145452	0.113156	-1.41	0.030744	1.98	0.146657	1.42

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
POGLUT1	protein O-glucosyltransferase 1	2 152700777 152724268	0.113276	-1.17	0.663597	1.09	0.074489	1.20
LAYN	laylin isoform X1	14 107505517 107525477	0.113540	1.23	0.243551	1.29	0.509767	-1.11
DCLRE1B	5' exonuclease Apollo	1 112850172 112856686	0.113540	-1.31	0.900598	-1.06	0.548174	-1.14
TSGA13	testis-specific gene 13 protein	3 163404243 163419897	0.113769	1.64	0.917946	-1.09	0.336188	1.42
NDC1	nucleoporin NDC1	1 173638276 173663718	0.113825	-1.33	0.584157	1.21	0.745641	1.08
TCTEX1D1	tcetx1 domain-containing protein 1	1 160576889 160599713	0.113845	3.12	0.979974	-1.07	0.616956	1.67
HSPA1L	heat shock 70 kDa protein 1-like	4 139053540 139055465	0.113845	1.77	0.516751	1.55	0.910996	-1.06
ZNF418	zinc finger protein 418 isoform X2	19 58527549 58534385	0.113845	1.69	0.429526	-1.60	0.246524	1.56
SLC35E2B	solute carrier family 35 member E2B isoform X1	1 226723021 226740104	0.113845	1.27	0.473941	-1.22	0.416031	1.16
GMEB2	glucocorticoid modulatory element-binding protein 2	10 95791244 95812428	0.113845	1.17	0.960153	-1.01	0.616339	-1.07
LOC102123956	ankyrin repeat and KH domain-containing protein 1	6 139548703 139688480	0.113845	1.13	0.956645	-1.01	0.075303	-1.16
LOC107128607		7 32074 38449	0.113845	-1.80	0.859712	1.18	0.439881	-1.42
CA6	carbonic anhydrase 6 isoform X2	1 219301263 219339903	0.113936	2.47	0.713277	-1.58	0.831355	1.18
SPATA25	spermatogenesis-associated protein 25	10 77556362 77557436	0.113936	1.68	0.310349	-1.80	0.382741	-1.42
WNT5B	protein Wnt-5b isoform X1	11 1737158 1759911	0.113936	1.59	0.816069	-1.17	0.129051	1.61
MGARP	protein MGARP	5 138580302 138592750	0.113944	-1.94	0.808004	1.33	0.958003	-1.03
MUC20	mucin-20 isoform X2	2 36259 48105	0.114316	1.64	0.297322	-1.74	0.076047	-1.81
CSTF1	cleavage stimulation factor subunit 1	10 88235003 88243226	0.114345	-1.27	0.863478	1.06	0.558480	1.11
CLEC17A	C-type lectin domain family 17, member 1	19 14978217 15002235	0.114393	2.10	0.550394	-1.74	0.747667	1.22
AZGP1	zinc-alpha-2-glycoprotein	3 44307453 44316370	0.114581	8.34	1.000000	5.22	1.000000	1.27
METTL7A	methyltransferase-like protein 7A	11 49824853 49830003	0.114649	1.35	0.973853	1.02	0.168188	1.35
XPA	DNA repair protein complementing XP-A	15 40081594 40104088	0.114665	-1.26	0.469081	-1.21	0.226002	-1.23
RDH11	retinol dehydrogenase 11 isoform X3	7 132202512 132224212	0.114733	1.29	0.929363	1.04	0.226264	1.25
CDC42EP1	cdc42 effector protein 1	10 13693840 13696480	0.114812	1.33	0.958820	-1.03	0.400290	-1.20
LAGE3	EKC/KEOPS complex subunit LAGE3	X 151379454 151380451	0.114820	-1.32	0.419725	-1.29	0.561912	-1.14
IMPA1		8 82842517 82866221	0.114871	-1.30	0.485373	1.24	0.474043	1.15
LOC102124595		12 80501873 80519357	0.114901	1.63	0.021740	2.68	0.272998	1.46
ISCA1	iron-sulfur cluster assembly 1 homolog, nuclear	15 96945072 96959752	0.114901	-1.15	0.245817	1.19	0.425458	1.09
SLC39A10	zinc transporter ZIP10 isoform X1	12 84855871 84932743	0.114901	-1.41	0.741584	1.17	0.513479	1.19
LOC102140350	DNA-directed RNA polymerase III subunit 3	3 56307762 56336475	0.114963	-3.01	0.879240	-1.30	0.641767	-1.50
PSMG3	proteasome assembly chaperone 3	3 36472440 36474064	0.115003	-1.23	0.492464	-1.18	0.230726	-1.19
FBXO22	F-box only protein 22	7 54167590 54197062	0.115104	-1.17	0.379215	-1.16	0.378254	-1.11
LOC102131845		19 6920838 6932028	0.115239	2.14	0.981655	1.04	0.782917	-1.21
C4H6orf89	bombesin receptor-activated protein C6orf89	4 133810186 133842664	0.115239	1.10	0.076458	-1.17	0.861994	-1.01
LOC101864946		16 5537000 5538968	0.115251	1.68	0.940181	1.07	0.292244	-1.44
MASIL	mas-related G-protein coupled receptor M	4 141312634 141313614	0.115264	5.09	1.000000	1.13	0.143168	3.33
RIPPLY1	protein ripply1	X 104023363 104025909	0.115264	1.83	0.950140	-1.07	0.442045	-1.40
LOC102135242	heparan sulfate glucosamine 3-O-sulfotransferase 1	16 14485166 14485720	0.115264	1.53	0.827938	-1.13	0.886454	1.05
LOC102140916	tyrosine-protein kinase Lck isoform X4	0 368 3033	0.115264	1.48	0.331145	-1.51	0.366641	1.30
CCDC59	thyroid transcription factor 1-associated protein 59	11 81552399 81558070	0.115264	-1.15	0.954772	1.02	0.737895	-1.04
ATOX1	copper transport protein ATOX1 isoform X1	6 151066254 151078447	0.115264	-1.28	0.479791	-1.22	0.051288	-1.38
LOC107130753		9 7254887 7412911	0.115264	-1.87	0.110948	-2.22	0.816647	1.11
LOC102127618		4 43816666 43855496	0.115299	2.34	0.966449	-1.06	0.666172	1.35
COL23A1	collagen alpha-1(XXIII) chain isoform X2	6 178082527 178453688	0.115334	1.67	0.219574	1.94	0.451729	1.35
LOC102143601	anthrax toxin receptor-like	9 48260325 48265477	0.115347	13.62	1.000000	6.63	1.000000	-5.49
LOC107131039	Ig lambda chain V region 4A-like	10 29164130 29164606	0.115347	4.25	0.282103	3.75	0.567870	1.39
RNFR	ciliary neurotrophic factor receptor subunit 1	15 44558627 44583659	0.115347	1.74	0.767733	1.26	0.939361	1.04
RHOA	uncharacterized protein LOC101865630	2 104550600 104599834	0.115347	-1.14	0.822309	1.04	0.254668	-1.12
NT5C3A	cytosolic 5'-nucleotidase 3A isoform X1	3 87520067 87568751	0.115376	-1.24	0.575340	1.16	0.299583	1.18
ZBTB33	transcriptional regulator Kaiso	X 116931106 116933124	0.115443	-1.44	0.608322	1.26	0.249703	1.36
TAB1	TGF-beta-activated kinase 1 and MAP3K1	10 11758335 11792360	0.115635	1.17	0.768039	-1.07	0.911163	-1.02
ZC3H15	uncharacterized protein LOC101925486	12 75526797 75549403	0.115746	-1.33	0.458135	1.27	0.454831	1.17
ZNF528	zinc finger protein 528 isoform X1	19 53116152 53130659	0.115907	1.19	0.652908	1.11	0.458051	-1.11
SPRNT	sprT-like domain-containing protein Sprnt	1 18204246 18219125	0.115907	-1.29	0.643263	1.16	0.108147	1.33
LOC107126415	olfactory receptor 4A15	14 17353849 17354802	0.115907	-4.96	0.087087	28.87	0.003074	-35.96
ZNF57	zinc finger protein 57 isoform X1	19 2841077 2870036	0.115955	-1.22	0.310316	-1.24	0.369021	-1.14
KIAA0101	PCNA-associated factor isoform X2	7 41801096 41820017	0.116095	-1.75	0.660928	-1.37	0.806846	1.13
SENP2	sentrin-specific protease 2 isoform X2	2 90310222 90357136	0.116237	1.14	0.846643	-1.04	0.331686	1.10
LOC102130839	cytochrome P450 4F12-like	19 15969741 15986891	0.116356	5.17	1.000000	-1.60	0.235866	-3.62
PLCG1	1-phosphatidylinositol 4,5-bisphosphate phosphatase 1	10 72773860 72810877	0.116394	1.32	0.918326	-1.05	0.938718	-1.02
MUC15	mucin-15	14 40932317 40937056	0.116460	2.53	0.914234	1.18	0.424202	-1.77
CRYZ	quinone oxidoreductase	1 152543512 152562399	0.116460	-1.29	0.747179	1.12	0.274299	1.23
DUOX2	dual oxidase 2	7 22007089 22026145	0.116651	7.09	0.959668	1.18	0.118738	-7.01
PIM2	uncharacterized protein LOC101864924	X 47443454 47447832	0.116651	1.67	0.936886	1.07	0.962947	-1.02
PSMD14	proteasome (prosome, macropain) 26S subunit 14	12 50037240 50136095	0.116651	-1.34	0.791347	-1.12	0.624738	1.12
OASL	2'-5'-oligoadenylate synthase-like protein 1	11 124979721 124998201	0.116651	-1.67	0.948945	1.06	0.651411	1.21
C12H2orf47	uncharacterized protein C2orf47 homolog 2	12 89156479 89164775	0.116715	-1.19	0.875953	-1.04	0.629393	-1.07
GPT2	alanine aminotransferase 2 isoform X1	20 34565027 34610309	0.116843	1.72	0.390027	-1.71	0.366199	1.45
GJD3	gap junction delta-3 protein	16 52012831 52013712	0.116843	1.41	0.480028	1.33	0.243201	1.35
FAM172A	protein FAM172A isoform X8	6 92034496 92478448	0.116843	-1.29	0.184658	1.42	0.214327	1.26
RHBDD2	rhomboid domain-containing protein 2 isoform X1	3 47480127 47489495	0.116886	1.28	0.589854	-1.18	0.536513	-1.13
MIER1	mesoderm induction early response protein 1	1 160374568 160436250	0.116886	-1.38	0.265374	1.47	0.380188	1.24
LOC102117528		15 65633020 65646207	0.116910	8.17	1.000000	1.00	1.000000	-3.79
NADK2	NAD kinase 2, mitochondrial isoform X3	6 36602823 36645759	0.116910	-1.33	0.469422	1.27	0.530836	1.15
LOC107129707		5 14757698 14772671	0.116910	-1.62	0.557811	-1.41	0.966592	-1.02
LOC102141014	putative serine protease 29	20 1249995 1252009	0.116922	4.20	0.566235	-2.74	0.923819	-1.13
MFAP4	microfibril-associated glycoprotein 4 isoform X1	16 19376286 19378978	0.116922	1.71	0.140985	2.22	0.759199	1.15
LOC107129565		4 136532164 136570706	0.116922	-1.45	0.890289	-1.09	0.144596	-1.47
SLC9B1	sodium/hydrogen exchanger 9B1 isoform X1	5 102211837 102340321	0.116922	-1.91	0.692200	-1.42	0.117711	-2.12
LOC102145131		2 164947398 165072179	0.116922	-2.20	0.968117	-1.06	0.457935	-1.53
DEAF1	deformed epidermal autoregulatory factor 1	14 471355 521465	0.116933	1.24	0.171751	-1.35	0.460375	-1.13
QRFRP	pyroglutamylated Rfamid peptide receptor 1	5 120308856 120364153	0.116933	-2.57	0.519426	2.18	0.538806	-1.70
TEX28	testis-specific protein TEX28	X 151168602 151189263	0.116950	-7.43	0.696010	3.26	0.095553	-14.86
IFB30	gamma-interferon-inducible lysosomal thiol reductase 30	19 18559233 18563626	0.117097	-1.50	0.268192	-1.62	0.624776	-1.17
CAMKK2	calcium/calmodulin-dependent protein kinase II isoform X1	11 125241169 125277526	0.117168	1.15	0.075514	1.28	0.969193	1.01
LOC107129714		5 32695103 32706018	0.117211	5.68	1.000000	9.67	0.723481	1.49
PRDX2	peroxiredoxin 2	19 13018051 13022713	0.117211	1.21	0.149463	-1.32	0.090514	-1.24

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
SULT2B1	sulfotransferase family cytosolic 2B mem	19 49384580 49431141	0.117400	-1.58	0.612103	1.35	0.247301	-1.49
HDHD3	haloacid dehalogenase-like hydrolase dom	15 24200640 24201395	0.117481	-1.30	0.155395	-1.46	0.951198	1.02
VIPR2	vasoactive intestinal polypeptide receptor	3 191977200 192087609	0.117493	3.80	0.399747	3.57	0.699781	-1.52
SLC25A40	solute carrier family 25 member 40 isoform	3 124195503 124217559	0.117493	-1.43	0.479791	1.34	0.416031	1.25
C6H5orf24	UPF0461 protein C5orf24 homolog isofo	6 133928267 133930759	0.117493	-1.48	0.224480	1.66	0.332584	1.33
LGMN	legumain	7 157697080 157725826	0.117564	-1.61	0.284079	-1.74	0.464337	-1.31
LOC102117850		12 19646493 19649767	0.117623	2.20	0.047644	6.58	0.161653	-2.60
NUDT18	LOW QUALITY PROTEIN: 8-oxo-dGD	8 22243929 22252163	0.117634	-1.30	0.888754	-1.06	0.935262	-1.02
PTPRZ1	receptor-type tyrosine-protein phosphatase	3 154652169 154848499	0.117744	2.37	0.724486	-1.52	0.215013	-2.23
PDE9A	high affinity cGMP-specific 3',5'-cyclic pl	3 3987260 4115159	0.117744	1.62	0.893543	1.11	0.495554	-1.29
PLEKHH1	pleckstrin homology domain-containing f	7 132062714 132108499	0.117744	1.47	0.138327	-1.73	0.509031	1.20
GRIK5	glutamate receptor ionotropic, kainate 5 is	19 42499732 42585090	0.117744	1.30	0.000375	-2.15	0.139423	-1.32
LOC101867133	uncharacterized protein LOC101867133	11 128072617 128093095	0.117790	-1.23	0.510828	1.18	0.517200	-1.11
CD22	B-cell receptor CD22 isoform X1	19 35794610 35808461	0.117887	1.44	0.919352	1.07	0.447502	1.24
LOC102125480	LOW QUALITY PROTEIN: zinc finger p	20 29324407 29324958	0.118082	1.60	0.619074	-1.35	0.310524	-1.45
FOXO4	forkhead box protein O4	X 68095940 68102207	0.118082	1.41	0.566217	1.27	0.477968	-1.21
SCARF2	scavenger receptor class F member 2	10 30971614 30984559	0.118185	1.30	0.774694	1.11	0.255674	1.25
ARF6	ADP-ribosylation factor 6	7 114102804 114103331	0.118185	-1.27	0.733606	1.12	0.660406	1.09
LOC102146589	putative golgin subfamily A member 6C i	7 57088741 57111761	0.118197	-2.54	0.298814	-2.66	0.278634	-1.97
SERPINB11	serpin B11 isoform X2	18 16620157 16633363	0.118207	6.26	0.928305	1.33	0.826923	-1.42
LOC102140357		3 138333110 138364815	0.118207	1.98	0.472918	1.77	0.033381	-2.76
LOC102123710	uncharacterized protein LOC102123710	16 18739037 18739972	0.118335	2.45	0.002080	-62.30	0.340794	1.98
NAT14	N-acetyltransferase 14	19 56332191 56332739	0.118579	1.66	0.622958	-1.37	0.173916	-1.64
TFDP2	transcription factor Dp-2 isoform X4	2 44083022 44230257	0.118735	1.34	0.678861	-1.17	0.807605	-1.06
DPY19L1	probable C-mannosyltransferase DPY19L	3 85488116 85574984	0.118735	-1.30	0.302541	1.35	0.334241	1.21
MYO1C	unconventional myosin-1c isoform X3	16 1336880 1366753	0.118750	1.31	0.255521	1.39	0.821301	1.06
IKZF4	zinc finger protein Eos isoform X2	11 54928314 54945588	0.118750	1.19	0.792304	-1.07	0.366096	1.13
LOC102129308	T-cell receptor beta chain V region CTL-I	3 175492955 175493740	0.118750	-1.62	0.612583	-1.36	0.967947	-1.02
RNF39	RING finger protein 39	4 140882397 140887078	0.118750	1.51	0.764573	1.19	0.000078	-2.56
SPINK5	serine protease inhibitor Kazal-type 5 isoform	6 147305830 147379463	0.119113	12.63	1.000000	-3.92	0.990516	-1.03
NCKAP5	nck-associated protein 5 isoform X1	12 19055600 19892544	0.119113	1.96	0.358519	2.00	0.813728	1.15
PTPN13	tyrosine-protein phosphatase non-receptor	5 85712915 85897572	0.119113	-1.31	0.001155	-2.08	0.167225	1.31
CCDC138	coiled-coil domain-containing protein 138	13 13317569 13411464	0.119134	-1.58	0.231342	1.79	0.623647	1.20
CTNND1	catenin delta-1 isoform X6	14 15785673 15812935	0.119187	1.17	0.647096	1.09	0.265925	1.13
CSNK1A1	casein kinase I isoform alpha isoform X8	6 148826551 148882695	0.119306	-1.23	0.567026	1.16	0.654569	1.08
DCBLD1	discoidin, CUB and LCCL domain-contain	4 21463036 21528472	0.119444	-1.32	0.934798	-1.04	0.567317	1.14
LOC102119036		2 74159803 74168793	0.119444	-1.58	0.055215	2.37	0.439011	-1.31
LRRC18	leucine-rich repeat-containing protein 18	9 46134789 46138738	0.119506	2.19	0.923964	1.14	0.731138	1.26
GMEB1	glucocorticoid modulatory element-bindin	1 199422373 199467017	0.119533	1.27	0.736979	-1.12	0.442221	1.16
DNM1L	dynamins-like protein isoform X1	11 33254601 33318645	0.119813	-1.21	0.601300	1.14	0.400485	1.13
AVIL	advillin isoform X2	11 56793918 56812758	0.119819	1.55	0.817061	1.17	0.071481	1.73
CFAP65	coiled-coil domain-containing protein 108	12 108687696 108724842	0.119872	5.78	0.992863	-1.03	0.563394	-2.27
SNX29	sorting nexin-29 isoform X1	20 12293626 12889733	0.119872	1.24	0.501468	1.19	0.320312	-1.18
ECT2	protein ECT2 isoform X3	2 77018301 77084207	0.119872	-1.71	0.874543	-1.15	0.564870	1.28
ADAM19	disintegrin and metalloproteinase domain-	6 156872575 156969488	0.120072	1.68	0.915207	-1.10	0.217075	1.60
PRELID3B	PRELI domain containing protein 3B	10 90929165 90932779	0.120072	-1.35	0.755091	1.14	0.593831	1.14
RAB10	ras-related protein Rab-10	13 84742733 84850263	0.120072	-1.43	0.689897	1.21	0.656938	1.14
GALNT1	polypeptide N-acetylgalactosaminyltransf	18 46294833 46351251	0.120072	-1.44	0.990701	1.01	0.634810	1.15
SYNPO	synaptopodin isoform X1	6 149961981 150003158	0.120110	1.27	0.152830	1.43	0.902315	-1.03
STXBP1	syntaxin-binding protein 1 isoform X2	15 101083070 101164790	0.120151	1.20	0.139778	-1.31	0.378875	-1.13
ANKRD12	ankyrin repeat domain-containing protein	18 70356768 70450775	0.120151	-1.31	0.419652	1.28	0.617761	1.11
MMGT1	membrane magnesium transporter 1	X 132723222 132732652	0.120154	-1.27	0.307913	1.31	0.773869	1.06
IDE	insulin-degrading enzyme isoform X2	9 90951153 91059297	0.120224	-1.24	0.744956	1.10	0.790607	1.05
BRCC3	lys-63-specific deubiquitinase BRCC36 is	X 151964749 152001069	0.120240	-1.16	0.264775	-1.19	0.324994	1.12
DENND6A	protein DENND6A isoform X3	2 112919379 113006261	0.120269	-1.30	0.233369	1.39	0.187585	1.28
LOC102127289	proline-rich protein 33-like	14 1859036 1860451	0.120347	-2.89	0.857590	-1.33	0.973235	1.04
TMEM69	transmembrane protein 69	1 181836062 181839187	0.120418	-1.36	0.775051	1.14	0.589759	1.14
LOC102129655		5 1393649 1397492	0.120756	-1.26	0.430881	1.25	0.077697	1.34
C2H3orf52	TPA-induced transmembrane protein	2 160076844 160107853	0.120794	-1.37	0.765963	-1.14	0.954188	1.02
IL1RN	interleukin-1 receptor antagonist protein is	13 17266591 17281107	0.120794	-1.39	0.392726	1.37	0.346606	-1.26
TAP1	antigen peptide transporter 1	4 137976843 137984464	0.120877	1.26	0.960120	1.02	0.071591	1.33
LOC102136286		2 95185661 95253339	0.120877	-1.49	0.199469	-1.76	0.557252	1.21
CEP104	centrosomal protein of 104 kDa isoform X	1 224611214 224649443	0.120899	1.13	0.986000	-1.00	0.694970	-1.04
SCN2B	sodium channel subunit beta-2 isoform X	14 114144658 114154280	0.120989	1.72	0.862375	1.16	0.791267	1.13
NNMT	nicotinamide N-methyltransferase	14 110322969 110339077	0.120999	-1.96	0.080646	3.24	0.764458	1.19
IL6R	interleukin-6 receptor subunit alpha isofo	1 97355890 97415860	0.121044	1.20	0.763245	1.08	0.011233	1.34
CFAP52	cilia- and flagella-associated protein 52 is	16 9731215 9805777	0.121057	-1.31	0.602073	-1.19	0.892587	1.03
AICDA	single-stranded DNA cytosine deaminase	11 8890977 8899397	0.121123	5.80	1.000000	-4.81	0.895007	-1.21
CXHXorf56	UPF0428 protein CXorf56 homolog	X 116244348 116269122	0.121123	1.31	0.966616	-1.02	0.444015	-1.17
USH1C	harmonin isoform X2	14 50184223 50233967	0.121170	2.52	0.057545	5.38	0.679422	1.37
LOC102146012	leucine-rich repeat extensin-like protein 5	19 18668564 18673995	0.121281	-1.63	0.352060	-1.66	0.148820	-1.65
SEC14L3	SEC14-like protein 3 isoform X2	10 20985823 20997914	0.121440	4.40	0.369151	4.49	0.432132	-2.45
LOC102127136	Ig kappa chain V-III region VG-like	13 18868913 18869645	0.121440	2.33	0.628642	1.63	0.915152	-1.08
LOC102129741	mitogen-activated protein kinase kinase ki	1 16204377 16256618	0.121440	-1.39	0.541281	1.27	0.348774	1.26
RNF34	E3 ubiquitin-protein ligase RNF34 isoform	11 125410588 125436005	0.121702	-1.14	0.566219	-1.10	0.983852	1.00
C1QTNF9	complement C1q and tumor necrosis facto	17 4638530 4644317	0.121774	1.86	0.351999	-1.90	0.000224	-3.75
GDPD5	glycerophosphodiester phosphodiesterase	14 70745233 70786519	0.121804	1.65	0.937480	1.07	0.513865	-1.29
SEMA6A	semaphorin-6A isoform X3	6 115396817 115457016	0.121826	1.64	0.248609	1.84	0.807312	-1.11
SLC9A2	sodium/hydrogen exchanger 2 isoform X1	13 6979349 7068627	0.122022	2.58	0.635207	1.87	0.077471	-3.63
MYO3B	myosin-IIIB	12 59036422 59578564	0.122022	1.73	0.187260	2.26	0.000004	-4.08
LOC102147047		12_131491388 131513196	0.122022	1.67	0.919141	1.09	0.219277	1.59
KANSL3	KAT8 regulatory NSL complex subunit 3	13 1287174 1372385	0.122022	1.19	0.944909	-1.02	0.294281	-1.15
RPL26L1	60S ribosomal protein L26-like 1	6 17260514 172613244	0.122022	-1.19	0.012043	-1.49	0.678379	-1.06
NUDT13	nucleoside diphosphate-linked moiety X n	9 62410630 62447559	0.122022	-1.25	0.781775	1.09	0.173736	-1.25
LOC102124317	histone H2A type 1-C	4 144450193 144450585	0.122043	-1.31	0.337135	1.33	0.167502	1.31
C1GALT1C1	C1GALT1-specific chaperone 1	X 117303024 117303980	0.122485	-1.18	0.800876	1.06	0.341177	1.23
SEMA3G	semaphorin-3G	2 107715172 107726441	0.122743	1.87	0.276040	2.10	0.563105	1.34

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
CDK5R1	cyclin-dependent kinase 5 activator 1 isoform 1	16 28867797 28869737	0.122981	1.27	0.925561	1.04	0.320813	1.20
ANKIB1	ankyrin repeat and IBR domain-containing protein 1	3 119603832 119686666	0.122992	-1.29	0.676324	1.15	0.184160	1.28
FAM171A2	protein FAM171A2	16 56152487 56161609	0.123130	1.44	0.144842	-1.68	0.100093	1.48
NRDE2	protein NRDE2 homolog isoform X1	7 155224592 155275221	0.123232	1.19	0.616626	-1.11	0.978257	1.00
ZMYM1	zinc finger MYM-type protein 1 isoform 1	1 192793766 192816967	0.123318	-1.39	0.105010	1.71	0.139423	1.43
LOC102146679		19 30399 33935	0.123475	6.13	1.000000	2.18	0.606800	-1.93
LOC102138541	collagen alpha-1(X) chain-like	1 79668846 79669343	0.123565	1.79	0.621380	1.45	0.451870	-1.41
UNC45B	protein unc-45 homolog B	16 31537991 31575598	0.123673	2.41	0.073984	4.99	0.801674	1.22
CAPZA1	F-actin-capping protein subunit alpha-1 isoform 1	1 114122736 114171042	0.123673	-1.34	0.900320	1.06	0.352281	1.23
LOC107129231		3 94268532 94319934	0.123673	-1.83	0.576398	-1.77	0.549616	-1.49
DLG5	disks large homolog 5 isoform X1	9 57749968 57827569	0.123676	1.29	0.645485	-1.16	0.561590	1.12
FRZB	secreted frizzled-related protein 3	12 71840782 71872313	0.123701	1.98	0.030023	4.00	0.612012	-1.32
LOC107127959		17 30498148 30536303	0.123729	2.71	0.735919	-1.50	0.409708	1.79
GABPB2	GA-binding protein subunit beta-2 isoform 1	1 100876859 100925005	0.123898	1.32	0.464675	1.27	0.522544	-1.15
SNX33	sorting nexin-33	7 53840776 53848964	0.123898	1.27	0.833275	-1.08	0.313997	-1.20
LOC102147067	histone H3.3-like	14 120156174 120156584	0.123937	1.23	0.724454	-1.11	0.572727	1.10
ALG8	probable dolichyl pyrophosphate Glc1ManNAc transferase 8	14 73463138 73500896	0.124000	-1.34	0.872336	1.08	0.917700	-1.03
LRRC74B	leucine-rich repeat-containing protein 74B	10 30647086 30662315	0.124042	4.98	0.842721	-1.99	0.585283	-2.23
LIN54	protein lin-54 homolog isoform X1	5 51412785 51496894	0.124181	-1.34	0.761276	1.14	0.165817	1.35
MYOG	myogenin	1 61541180 61543291	0.124303	-3.79	0.980772	-1.06	0.186110	-3.70
TFEC	transcription factor EC isoform X2	3 148482836 148635789	0.124441	-1.49	0.929188	-1.06	0.560487	1.20
LOC107127165		13 92447145 92612388	0.124441	5.25	0.986184	-1.07	0.043496	-10.11
LOC107127429		14 107268513 107271046	0.124596	1.68	0.046324	-2.60	0.913941	-1.05
RPTOR	regulatory-associated protein of mTOR isoform 1	16 78118444 78539664	0.124596	1.14	0.872158	-1.03	0.921476	1.01
PHF6	PHD finger protein 6 isoform X1	X 131293657 131341582	0.124596	-1.52	0.449048	1.45	0.387353	1.32
FUK	L-fucose kinase isoform X3	20 62159563 62177397	0.124770	1.40	0.577449	-1.26	0.092702	-1.49
CACFD1	calcium channel flower homolog isoform 1	15 5193523 5202551	0.124770	-1.28	0.016230	-1.72	0.341788	-1.19
C4H6orf120	UPF0669 protein C6orf120 homolog	4 1034866 1035726	0.124782	-1.35	0.321766	1.39	0.402860	1.21
GTPBP3	tRNA modification GTPase GTPBP3, mitochondrial	19 17661756 17669074	0.124814	1.26	0.938898	1.03	0.319399	1.20
ERCC2	TFIIH basal transcription factor complex 1	19 46123199 46153903	0.124814	1.23	0.063227	-1.46	0.255895	-1.19
ZFYVE19	LOW QUALITY PROTEIN: abscission/Nucleo-1	7 17670260 17677189	0.124814	-1.31	0.681923	-1.16	0.137330	-1.33
SEMA4G	semaphorin-4G isoform X1	9 99920066 99931653	0.124866	1.44	0.122077	-1.73	0.571853	-1.18
SPPLC2	serine palmitoyltransferase 2	7 142257334 142367254	0.124866	1.35	0.493075	1.28	0.445710	1.20
AR	androgen receptor	X 64484790 64648431	0.124978	1.83	0.982409	-1.02	0.666159	1.24
PHC1	polyhomeotic-like protein 1 isoform X1	11 9205503 9228351	0.124978	1.23	0.582575	-1.15	0.896263	-1.03
LOC102140139	Ig kappa chain V-II region TEW-like	13 18220521 18221344	0.124986	3.64	0.949931	-1.14	0.529020	1.75
LOC102134301	phytylquinone omega-hydroxylase CYP4B1	19 16140555 16158704	0.125026	2.78	0.919838	1.18	0.004894	5.72
TRIM54	tripartite motif-containing protein 54 isoform 1	13 83552126 83576162	0.125026	2.61	0.954800	1.13	0.759528	1.25
NCALD	neurocalcin-delta isoform X1	8 102830981 102858086	0.125026	1.64	0.493722	1.50	0.958003	1.03
LOC102145189	protocadherin beta-7	6 140300786 140303173	0.125026	1.46	0.922796	1.07	0.095093	1.56
ST8SIA6	alpha-2,8-sialyltransferase 8F	9 17874151 17884741	0.125026	1.27	0.941408	-1.03	0.939484	1.02
GAS8	growth arrest-specific protein 8 isoform X1	20 78472912 78500734	0.125026	1.20	0.607490	-1.13	0.972620	-1.01
ITGB1BP1	integrin beta-1-binding protein 1	13 101594244 101606315	0.125026	-1.14	0.980154	1.01	0.685453	-1.05
AK6	adenylate kinase isoenzyme 6	6 69189841 69211329	0.125026	-1.25	0.890126	1.05	0.756369	1.06
ARPC5	uncharacterized protein LOC101866570	1 41588007 41596059	0.125026	-1.39	0.859958	1.10	0.525839	1.18
LOC107129096		3 33566349 33594558	0.125026	-1.97	0.863478	-1.20	0.040909	-2.55
LOC107128091		18 74115335 74119268	0.125026	-5.16	1.000000	1.88	0.627960	-1.76
SCNN1G	amiloride-sensitive sodium channel subunit 1	20 22098435 22130326	0.125036	-1.29	0.019273	1.72	0.978587	-1.01
ACKR2	atypical chemokine receptor 2	2 97794682 97795836	0.125064	1.72	0.568641	1.47	0.935670	1.04
CELF1	CUGBP Elav-like family member 1 isoform 1	14 20041236 20071449	0.125064	-1.22	0.484821	1.18	0.926941	1.02
ZBTB39	zinc finger and BTB domain-containing protein 39	11 55954286 55956424	0.125103	1.20	0.947458	1.02	0.094298	1.24
SPNS2	protein spinster homolog 2	16 4512788 4552805	0.125188	1.34	0.813035	-1.11	0.185636	-1.33
TAPBP	tapasin isoform X2	4 137470847 137483401	0.125257	1.31	0.984500	-1.01	0.043554	1.45
PURA	transcriptional activator protein Pur-alpha	6 139249912 139252484	0.125301	-1.22	0.234427	1.30	0.059616	1.30
CCDC28B	coiled-coil domain-containing protein 28B	1 195807943 195812601	0.125304	1.39	0.277480	-1.49	0.067648	1.51
TEX14	inactive serine/threonine-protein kinase TLK1	16 44078747 44201435	0.125304	1.32	0.407774	-1.29	0.216341	-1.28
ZFYVE9	zinc finger FYVE domain-containing protein 9	1 175170336 175296533	0.125304	1.24	0.452878	1.21	0.835697	-1.04
NAA60	N-alpha-acetyltransferase 60 isoform X1	20 3728450 3737669	0.125304	1.15	0.811321	-1.05	0.941288	-1.01
5-Mar	#N/A	#N/A	0.125304	-1.36	0.659552	1.19	0.455298	1.19
SETD9	SET domain-containing protein 9 isoform 1	6 56387326 56416824	0.125422	-1.26	0.781393	-1.10	0.679130	1.09
AIDA	axin interactor, dorsalization-associated protein 1	1 81510705 81551611	0.125515	-1.23	0.174953	1.34	0.310446	1.17
PRUNE2	protein prune homolog 2 isoform X3	15 87390934 87681794	0.125552	-1.74	0.001036	4.70	0.016625	-2.38
LOC102117707	25-hydroxyvitamin D-1 alpha hydroxylase	11 56760425 56764294	0.125598	-1.68	0.672461	-1.35	0.537439	-1.30
LOC102131217	poliovirus receptor homolog isoform X1	19 45306094 45312535	0.125624	-1.35	0.963542	1.03	0.052417	-1.49
LOC102131088		19 48822106 48827210	0.125781	-2.89	0.630763	1.87	0.683166	-1.42
LOC107130489		1 197868245 197878463	0.125823	6.26	1.000000	5.23	0.274868	3.44
ADH7	alcohol dehydrogenase class 4 mu/sigma class 4	5 98709395 98727740	0.126009	1.82	0.973217	1.04	0.904471	1.07
LRGUK	leucine-rich repeat and guanylate kinase domain-containing protein 1	3 166960863 167092246	0.126009	1.81	0.846842	-1.22	0.200447	-1.81
NCOA6	nuclear receptor coactivator 6 isoform X4	10 66133917 66205948	0.126009	1.15	0.991759	-1.00	0.917055	-1.01
TMEM128	transmembrane protein 128	5 8778877 8789386	0.126009	-1.20	0.216611	1.28	0.071591	1.26
ZNF22	zinc finger protein 22	9 43653083 43653757	0.126073	-1.26	0.503576	1.20	0.187678	1.25
FGFR4	fibroblast growth factor receptor 4 isoform 1	6 176887684 176895602	0.126275	1.86	0.655084	1.44	0.800089	-1.15
LOC107127536	sperm head and tail associated protein-like 1	1 181148887 181151181	0.126320	2.18	0.541939	2.04	0.525381	1.53
SLC52A1	solute carrier family 52, riboflavin transporter 1	16 5116773 5118419	0.126571	1.28	0.323485	-1.31	0.439883	1.16
IER5L	immediate early response gene 5-like protein 1	15 9963255 9964936	0.126728	-1.55	0.912532	1.08	0.910296	1.05
ARID1A	AT-rich interactive domain-containing protein 1A	1 201502511 201588055	0.126751	1.12	0.614011	-1.08	0.090787	1.15
LOC102121092	phosphoserine phosphatase-like	3 64478351 64512692	0.126809	1.16	0.722154	1.08	0.518082	1.08
TNNT3	tropomyosin T, fast skeletal muscle isoform X1	14 1871640 1886998	0.126826	1.96	0.882728	1.22	0.624264	1.31
EFS	embryonal Fyn-associated substrate isoform 1	7 87077329 87085220	0.126826	1.50	0.602073	-1.31	0.807000	-1.09
EIF4E	eukaryotic translation initiation factor 4E isoform 1	5 98099110 98146823	0.126826	-1.42	0.456277	1.36	0.661588	1.13
ABCG1	ATP-binding cassette sub-family G member 1	3 4476231 4552903	0.126830	1.46	0.801728	1.15	0.591473	-1.18
SNX15	sorting nexin-15	14 9499767 9512119	0.126830	1.20	0.956172	1.02	0.109846	-1.23
C11H1orf122	uncharacterized protein C11orf122 homolog 1	1 190003238 190003626	0.126830	-1.28	0.814522	-1.09	0.329721	-1.20
C14H1orf65	uncharacterized protein C11orf65 homolog 1	14 104355431 104491022	0.126830	-2.26	0.962413	1.07	0.877588	1.12
LOC107128344		20 3926525 3929036	0.126830	1.84	0.696839	-1.38	0.433940	-1.44
LOC107130440		7 133333279 133338916	0.126835	3.37	1.000000	1.10	0.549369	2.16
MKL2	MKL/myocardin-like protein 2 isoform X1	20 14507782 14659760	0.126954	1.37	0.174605	1.57	0.657041	1.12

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
LOC102146448	WAS/WASL-interacting protein family m	7 7916869 7920668	0.127032	1.96	0.349160	-2.05	0.042499	-2.56
SLC15A1	solute carrier family 15 member 1	17 81304182 81373551	0.127132	-1.63	0.034619	-2.79	0.041487	2.17
PDZD7	PDZ domain-containing protein 7 isoform	9 99958596 99980935	0.127226	1.46	0.791453	-1.16	0.005738	-1.93
P2RX2	P2X purinoceptor 2 isoform X1	11 137168159 137171231	0.127276	2.50	0.369087	2.60	0.864170	-1.16
PRSS35	inactive serine protease 35	4 90340796 90342034	0.127276	1.69	0.430354	1.62	0.330660	1.48
LOC102132406	putative V-set and immunoglobulin doma	0 120472 121601	0.127389	2.33	0.773068	1.40	0.915406	1.08
LOC102141548		3 56659980 56673712	0.127389	-1.50	0.593839	1.32	0.294579	-1.38
TPPP3	tubulin polymerization-promoting protein	20 55545587 55546522	0.127564	1.92	0.925296	-1.11	0.060891	-2.33
CAMK2D	calcium/calmodulin-dependent protein kin	5 112855659 113159947	0.127663	-1.29	0.398789	1.28	0.457384	1.16
NEURL1B	E3 ubiquitin-protein ligase NEURL1B	6 172270759 172316165	0.127937	1.23	0.879782	-1.05	0.383452	1.15
STAT2	signal transducer and activator of transcrip	11 55289109 55304304	0.127974	1.23	0.772415	1.09	0.487677	1.12
LOC102136579	carcinoembryonic antigen-related cell adh	19 42147984 42155813	0.128012	3.65	0.116826	13.98	0.945358	-1.09
ALKBH8	alkylated DNA repair protein alkB homol	14 103549008 103615977	0.128012	-1.31	0.833594	1.09	0.492094	1.16
ANKUB1	protein ANKUB1	2 51986614 52018052	0.128071	7.24	0.863752	1.87	0.993228	-1.02
YWHAZ	14-3-3 protein zeta/delta	8 102073222 102101721	0.128071	-1.28	0.444652	1.25	0.930592	-1.02
PALM	paralemin-1 isoform X1	19 472920 504133	0.128103	1.28	0.591341	1.18	0.987187	1.00
LOC107127655		15 57743068 57747879	0.128103	-1.95	0.652271	1.50	0.747399	1.21
LOC102132662	HLA class II histocompatibility antigen, D	4 57135 66292	0.128186	1.48	0.272419	-1.61	0.050030	1.70
RFX7	DNA-binding protein RFX7	7 33168614 33326183	0.128228	-1.39	0.959668	1.03	0.067384	1.52
RNF152	E3 ubiquitin-protein ligase RNF152	18 18561900 18562511	0.128251	1.47	0.042192	2.16	0.036709	1.74
FBXO30	F-box only protein 30	4 51598930 51605168	0.128259	-1.27	0.227416	1.37	0.425643	1.16
LOC107127620		1 182906615 182917093	0.128285	1.43	0.964845	-1.03	0.959841	1.02
LOC102144168		5 19147140 19165822	0.128313	-7.76	0.866137	-1.53	0.760763	1.54
PLEKHG4	puratrophin-1 isoform X3	20 55435294 55452480	0.128409	1.63	0.927320	-1.08	0.491021	-1.30
SIDT2	SID1 transmembrane family member 2 iso	14 113132747 113150090	0.128409	1.19	0.986913	1.01	0.442221	1.11
ATP2C1	calcium-transporting ATPase type 2C mem	2 33103097 33267884	0.128409	-1.28	0.704718	1.14	0.301037	1.21
TBCA	uncharacterized protein LOC101865951	6 75958880 76042249	0.128409	-1.33	0.580044	-1.22	0.561827	1.14
SLC16A3	monocarboxylate transporter 4 isoform X	16 79914003 79917014	0.128409	-1.60	0.541281	-1.43	0.775618	1.13
LOC107130368	T-cell receptor alpha chain V region 2B4-	7 85640106 85640698	0.128409	-2.89	0.891226	-1.29	0.764717	1.30
XCL1	lymphotactin isoform X1	1 26548330 26552757	0.128463	1.70	0.774796	1.28	0.811494	1.12
C8Horf33	UPF0488 protein C8orf33 homolog isofo	8 146726889 146728552	0.128463	-1.19	0.862681	-1.05	0.944448	-1.01
LOC102144665		12 86591234 86591645	0.128582	1.30	0.830732	-1.09	0.933292	1.02
LOC107130060		6 121909168 121940733	0.128669	-1.86	0.965551	1.05	0.905667	1.07
VIMP	selenoprotein S	7 82241142 82245768	0.128773	-1.17	0.443206	-1.15	0.618719	-1.07
CDC42BPB	serine/threonine-protein kinase MRCK be	7 168203357 168339297	0.128781	1.20	0.499526	1.16	0.751394	-1.05
PARN	poly(A)-specific ribonuclease PARN isofo	20 14840212 15047001	0.129116	1.13	0.768315	-1.05	0.661620	1.05
ARNT2	aryl hydrocarbon receptor nuclear transloc	7 58897906 59096082	0.129232	1.46	0.956697	1.04	0.768647	1.10
TGFBRI	TGF-beta receptor type-1 isoform X2	15 38616486 38639905	0.129232	-1.42	0.364392	1.44	0.566441	1.18
GPR21	probable G-protein coupled receptor 21	15 13004588 13005637	0.129233	-1.80	0.397533	1.83	0.958180	-1.03
FSD1	uncharacterized protein LOC101865139	19 4326528 4340762	0.129236	2.02	0.505304	-1.69	0.985071	1.01
KCNA5	potassium voltage-gated channel subfamil	11 5243964 5245781	0.129305	1.50	0.863714	-1.11	0.337383	1.32
PDPK1	uncharacterized protein LOC101866379	20 2673935 2940095	0.129305	1.19	0.993669	1.00	0.935343	1.01
LOC102118253	protein NipSnap homolog 3A	15 32958291 32969746	0.129358	-1.21	0.677554	1.11	0.661646	1.07
FUT7	alpha-(1-3)-fucosyltransferase 7 isoform X	15 1265824 1266993	0.129503	1.35	0.579805	-1.24	0.310728	1.28
TMEM203	transmembrane protein 203	15 1073321 1073731	0.129503	-1.16	0.905371	1.03	0.221729	-1.15
CLCN5	H(+)/Cl(-) exchange transporter 5 isoform	X 48249993 48413594	0.129503	-1.27	0.608255	-1.17	0.438502	-1.16
HSPBAP1	HSPB1-associated protein 1 isoform X1	2 149404858 149452521	0.129503	-1.32	0.912161	-1.05	0.962947	1.01
SGPL1	sphingosine-1-phosphate lyase 1 isoform	9 64796190 64843205	0.129503	-1.56	0.781141	-1.19	0.867228	-1.07
ADRA1A	alpha-1A adrenergic receptor isoform X2	8 27191477 27300094	0.129507	1.50	0.736745	-1.21	0.303187	1.37
PCIF1	phosphorylated CTD-interacting factor 1	10 77612950 77621380	0.129507	1.18	0.526715	-1.14	0.959165	-1.01
CDON	cell adhesion molecule-related/down-regu	14 121779748 121879440	0.129782	1.60	0.971004	1.03	0.392451	-1.37
LOC102142133		7 48252789 48254858	0.129822	2.09	0.388781	-2.07	0.005296	-3.96
ELL3	RNA polymerase II elongation factor ELL	7 20720964 20725045	0.129822	1.36	0.002863	-2.18	0.832421	-1.06
LOC102121644		16 122681 127899	0.129822	-1.41	0.584157	1.27	0.578897	-1.17
PARBPB	PCNA-interacting partner isoform X1	11 105891712 105953252	0.129822	-1.97	0.724563	-1.39	0.608592	1.33
LOC102137053	uncharacterized protein LOC102137053 i	10 8395553 8426831	0.129859	1.21	0.724486	1.10	0.679422	1.07
SDF4	45 kDa calcium-binding protein isoform X	1 227187458 227198680	0.129902	1.14	0.402511	-1.13	0.913241	1.01
PARL	uncharacterized protein LOC101926657	2 88506263 88560284	0.129902	-1.14	0.991767	1.00	0.194499	-1.14
LOC107127637		15 44365212 44470933	0.129902	-1.91	0.703636	-1.40	0.569639	-1.35
PPIH	peptidyl-prolyl cis-trans isomerase H isofo	1 185017733 185026816	0.130064	-1.18	0.734349	-1.08	0.585021	-1.08
ZNF304	zinc finger protein 304	19 58008841 58014535	0.130074	1.16	0.836301	1.05	0.428634	1.10
METRNL	meteorin-like protein	16 80823555 80835344	0.130074	-1.21	0.416781	1.20	0.040638	-1.31
TYK2	non-receptor tyrosine-protein kinase TYK	19 10635251 10667388	0.130133	1.14	0.084996	-1.25	0.749562	-1.04
COP55	COP9 signalosome complex subunit 5 iso	8 68288599 68306516	0.130133	-1.12	0.972407	-1.01	0.867780	-1.02
C6H5orf15	uncharacterized protein LOC101865511	6 132957441 132970448	0.130133	-1.34	0.423538	1.31	0.724059	1.09
LOC102145007		3 1466574 1471230	0.130133	-2.58	0.662401	-1.91	0.280441	-2.59
KIAA1522	uncharacterized protein KIAA1522 homo	1 195192496 195213673	0.130138	1.22	0.040297	-1.47	0.265281	-1.18
TMEM135	transmembrane protein 135 isoform X1	14 82594183 82852693	0.130138	-1.20	0.675303	1.11	0.684166	-1.07
DUSP14	dual specificity protein phosphatase 14 iso	16 48958846 48959442	0.130156	-1.50	0.924840	1.07	0.587274	-1.19
EPX	eosinophil peroxidase	16 43709415 43720023	0.130206	2.36	0.064481	3.77	0.048859	2.59
LOC102120372	small integral membrane protein 10-like p	X 132044938 132045174	0.130228	1.47	0.079040	1.95	0.694933	1.13
CARD9	caspace recruitment domain-containing pr	15 1981725 1991886	0.130228	-1.47	0.968876	1.03	0.326222	1.34
TIMM21	mitochondrial import inner membrane tra	18 5971788 5980799	0.130234	-1.16	0.616456	1.10	0.944217	1.01
ADGRD1	adhesion G-protein coupled receptor D1 i	11 135369183 135556578	0.130251	1.91	0.338075	2.03	0.397547	-1.53
CORIN	atrial natriuretic peptide-converting enzym	5 47617735 47919437	0.130251	1.67	0.769498	1.24	0.496073	-1.32
RAB8B	ras-related protein Rab-8B	7 40549937 40624922	0.130459	-1.52	0.368855	1.54	0.258380	1.43
CFDP1	craniofacial development protein 1	20 63471663 63609245	0.130525	-1.14	0.905577	1.03	0.330730	-1.10
EFHD1	uncharacterized protein LOC101867418	12 122459868 122509887	0.130678	2.32	0.302130	2.80	0.791169	1.23
RARS2	probable arginine--tRNA ligase, mitochon	4 86342667 86414071	0.130678	-1.21	0.912228	-1.04	0.913709	1.02
KIF1C	kinesin-like protein KIF1C	16 5083917 5108006	0.130720	1.30	0.308296	1.35	0.398829	-1.19
WDR36	WD repeat-containing protein 36	6 109798736 109833720	0.130720	-1.33	0.244245	1.44	0.536393	1.15
YEATS4	YEATS domain-containing protein 4	11 68420612 68444224	0.130720	-1.35	0.922796	-1.05	0.944673	1.02
LOC107127464		14 121675809 121700382	0.130756	-2.04	0.985599	-1.02	0.240860	-1.83
LOC107129131		3 186691598 186692799	0.131159	2.21	0.474410	1.99	0.497080	-1.55
RAP1GDS1	rap1 GTPase-GDP dissociation stimulator	5 97493034 97464385	0.131159	-1.20	0.083913	-1.38	0.328134	1.15
ZNF283	zinc finger protein 283 isoform X2	19 44598031 44610355	0.131159	-1.44	0.924667	-1.06	0.184407	-1.43
LOC107129314	T-cell receptor beta chain V region A20.2	3 175442891 175443534	0.131189	1.68	0.491702	-1.45	0.017287	-2.02

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
KCNE3	potassium voltage-gated channel subfamily A member 3	14 69746413 69746724	0.131189	1.36	0.457314	-1.31	0.996126	-1.00
SFXN1	sideroflexin-1 isoform X1	6 175191569 175237367	0.131189	-1.28	0.935150	1.04	0.382372	1.18
MROH6	maestro heat-like repeat-containing protein 6	8 145199967 145207350	0.131379	1.75	0.701400	-1.34	0.594363	-1.25
ATF6B	cyclic AMP-dependent transcription factor 6	4 138765505 138777355	0.131458	1.14	0.372812	-1.15	0.983475	1.00
FIBIN	fin bud initiation factor homolog	14 40504902 40505537	0.131580	1.50	0.214446	1.73	0.321756	1.37
SGCD	delta-sarcoglycan isoform X1	6 155717531 156131430	0.131580	1.50	0.745240	1.20	0.758921	-1.11
SNRPA1	U2 small nuclear ribonucleoprotein A'	7 82249722 82263660	0.131580	-1.22	0.601698	-1.14	0.824848	1.04
LOC10129819		5 122528142 122805505	0.131629	1.80	0.736198	1.31	0.746541	1.17
KPNA5	importin subunit alpha-6 isoform X2	4 20700890 20750408	0.131666	-1.59	0.369296	1.61	0.677607	1.17
FABP3	fatty acid-binding protein, heart	1 196661318 196668304	0.131710	1.58	0.075977	-2.02	0.113287	-1.58
RNASEH2B	ribonuclease H2 subunit B isoform X3	17 30126614 30189567	0.131856	-1.23	0.279617	-1.29	0.672205	1.08
DGAT2	diacylglycerol O-acyltransferase 2	14 71068598 71100756	0.131942	-1.33	0.116062	1.60	0.180693	-1.34
MME	neprilysin isoform X1	2 57490129 57573632	0.132077	1.85	0.886910	-1.15	0.838443	1.12
CXCL10	C-X-C motif chemokine 10	5 58454822 58456342	0.132083	1.63	0.047410	2.58	0.000121	3.04
LOC102117303	cytochrome b-c1 complex subunit 7	8 97402494 97407756	0.132288	-1.15	0.846266	-1.04	0.004903	-1.29
EP300	histone acetyltransferase p300 isoform X3	10 9953619 10043796	0.132417	1.24	0.928719	1.03	0.479733	1.13
ISYNA1	inositol-3-phosphate synthase 1 isoform X1	19 18872364 18877927	0.132428	1.36	0.991729	1.01	0.501531	-1.18
GRK6	G protein-coupled receptor kinase 6 isoform X1	6 177252052 177268026	0.132442	1.17	0.253058	-1.22	0.966458	1.01
CDC7	cell division cycle 7-related protein kinase	1 135446730 135471783	0.132442	-1.32	0.825050	1.10	0.570819	1.14
KLHL24	kelch-like protein 24	2 88324572 88348079	0.132505	1.40	0.193593	-1.59	0.433573	-1.23
MFSD3	major facilitator superfamily domain-containing protein 3	8 146202616 146204490	0.132505	-1.25	0.130012	-1.42	0.391188	-1.16
ZFP42	zinc finger protein 42 homolog	5 187463624 187464601	0.132575	3.18	0.457865	2.82	0.575194	-1.54
ADAM22	disintegrin and metalloproteinase domain-containing protein 22	3 123859878 124101777	0.132575	1.57	0.455762	1.51	0.138322	1.63
LOC102141410	60S ribosomal protein L12	19 52565133 52565630	0.132575	-1.29	0.827549	-1.09	0.643473	-1.10
VAV2	guanine nucleotide exchange factor VAV2	15 4653345 4690820	0.132695	1.18	0.909241	1.03	0.914864	-1.02
TM2D1	TM2 domain-containing protein 1	1 165666113 165704548	0.132717	-1.18	0.525333	1.14	0.618523	1.07
ZNF384	zinc finger protein 384 isoform X7	11 6964901 6972727	0.132738	1.13	0.388985	-1.13	0.838398	1.02
PDDC1	Parkinson disease 7 domain-containing protein 1	14 595944 602387	0.132746	1.22	0.966279	-1.02	0.615187	1.09
CSE1L	exportin-2	10 80799200 80835216	0.132746	-1.16	0.926864	1.02	0.231484	1.14
LOC102121760	LOW QUALITY PROTEIN: olfactory receptor neuron marker 1	4 142832564 142833905	0.132757	-2.64	0.444652	-2.31	0.731272	1.27
LOC102128092	homeobox protein TGIF1-like isoform X1	18 64641616 64641972	0.132803	1.93	0.757402	-1.32	0.999780	-1.00
LY96	lymphocyte antigen 96 isoform X2	8 75164962 75277360	0.132823	-1.32	0.982353	1.01	0.505648	1.16
RLTPR	leucine-rich repeat-containing protein 16C	20 55827552 55840158	0.132852	1.37	0.270271	-1.47	0.988368	1.00
MTHFD2	bifunctional methylenetetrahydrofolate dehydrogenase 2	13 35702085 35723295	0.133174	-1.59	0.852646	1.15	0.994007	1.00
LOC107131034	Ig lambda chain V-III region SH-like	10 28785176 28785754	0.133466	5.33	0.858597	-1.46	0.076262	-5.08
LOC102123686	putative golgin subfamily A member 6-like	7 1550960 1560010	0.133466	2.68	0.886923	-1.25	0.625111	-1.46
CACNA1E	voltage-dependent R-type calcium channel subunit 1E	1 39295980 39693490	0.133466	2.41	0.825364	-1.35	0.040638	-3.28
DERL3	derlin-3 isoform X3	0 264274 268384	0.133466	1.55	0.295473	-1.67	0.599951	1.20
LOC101864788	type II inositol 1,4,5-trisphosphate 5-phosphatase 2	1 189918012 189947449	0.133466	1.11	0.990005	1.00	0.705258	-1.03
MRPS7	28S ribosomal protein S7, mitochondrial	16 72538519 72542837	0.133466	-1.15	0.505454	-1.12	0.838912	-1.03
VTA1	vacuolar protein sorting-associated protein 1	4 46638569 46715474	0.133466	-1.17	0.714831	1.09	0.454385	1.10
USP33	ubiquitin carboxyl-terminal hydrolase 33	1 149471700 149518766	0.133466	-1.22	0.329312	1.25	0.068555	1.30
CAMK2N1	calcium/calmodulin-dependent protein kinase 2 gamma	1 207928457 207930156	0.133694	1.66	0.297373	1.82	0.867191	1.08
4-Mar	#N/A	#N/A	0.133776	4.59	0.836845	-1.97	0.631821	1.82
LOC102124837		4 164282297 164302070	0.133810	1.66	0.652908	1.38	0.472654	1.37
TUB	tubby protein homolog isoform X2	14 59738339 59822402	0.133810	1.63	0.900496	1.11	0.603858	-1.23
COLEC11	collectin-11 isoform X3	13 107994983 108042098	0.133810	1.60	0.662700	-1.33	0.939484	1.04
ZNF423	zinc finger protein 423 isoform X3	20 37253299 37627397	0.133810	1.50	0.444870	1.45	0.891520	-1.05
CCDC102A	coiled-coil domain-containing protein 102	20 45535626 45551346	0.133810	1.45	0.803847	-1.15	0.599130	-1.17
FBXO18	F-box DNA helicase 1 isoform X3	9 6254115 6282141	0.133810	1.17	0.944805	-1.02	0.289956	-1.13
LOC102131151	NADH-cytochrome b5 reductase 1 isoform X1	1 61356315 61360983	0.133810	-1.12	0.966170	-1.01	0.268199	-1.10
SRI	sorcin isoform X1	3 123830186 123849621	0.133810	-1.16	0.797063	1.06	0.127330	-1.18
BRWD1	bromodomain and WD repeat-containing protein 1	3 7459932 7591097	0.133810	-1.17	0.446744	1.15	0.581437	1.07
CNOT6	CCR4-NOT transcription complex subunit 6	6 180553499 180603462	0.133810	-1.23	0.235680	1.31	0.954015	1.01
ENPP5	ectonucleotide pyrophosphatase/phosphodiesterase 5	4 124359317 124364777	0.133810	-1.37	0.412877	1.35	0.039809	-1.56
CKB	creatine kinase B-type isoform X2	7 168862332 168864967	0.133817	1.30	0.629019	1.18	0.066805	-1.40
CLMP	CXADR-like membrane protein	14 119054385 119176449	0.133822	1.51	0.901081	1.09	0.110423	1.61
SCN1B	sodium channel subunit beta-1 isoform X1	19 35455837 35465006	0.133895	-1.28	0.993219	-1.00	0.906574	1.03
C7H15orf41	uncharacterized protein C15orf41 homolog	7 13346240 13383108	0.133929	-1.22	0.927608	1.03	0.822811	-1.04
AP5M1	AP-5 complex subunit mu-1 isoform X1	7 121529714 121550387	0.133929	-1.28	0.755129	1.12	0.360661	1.19
LOC102122986	DEP domain-containing protein 5	10 19578685 19620262	0.134037	1.32	0.266220	-1.42	0.574625	1.14
TSC22D4	TSC22 domain family protein 4	3 44719999 44731469	0.134037	1.17	0.203473	-1.24	0.594476	-1.07
ND1	NADH dehydrogenase subunit 1	MT 3269 4223	0.134037	-1.28	0.252594	-1.36	0.671881	-1.09
SNRPF	small nuclear ribonucleoprotein F	11 99565365 99572335	0.134037	-1.32	0.658921	-1.18	0.922429	-1.03
AOX2	aldehyde oxidase 2	12 90077514 90151959	0.134037	-1.49	0.328383	-1.57	0.419947	-1.28
LOC107129333	T-cell receptor beta chain V region PHDS	3 175826764 175827295	0.134077	2.05	0.396724	-1.84	0.054956	2.31
ADAMTS17	A disintegrin and metalloproteinase with thrombospondin type 1 motifs 17	7 80967115 81323620	0.134077	1.45	0.079845	2.06	0.418217	1.26
C7	complement component C7	6 41396433 41477554	0.134077	1.34	0.260647	1.44	0.620663	1.13
MAP4K1	mitogen-activated protein kinase kinase kinase 1	19 39070959 39082877	0.134077	1.33	0.350754	-1.36	0.395247	1.21
ANKRD27	ankyrin repeat domain-containing protein 27	19 32937036 33000165	0.134077	1.14	0.636002	-1.09	0.179339	-1.15
CENPU	centromere protein U isoform X2	5 184085919 184128822	0.134077	-1.43	0.277657	-1.54	0.304288	1.33
HES6	transcription cofactor HES-6 isoform X1	12 128087159 128088719	0.134077	-1.73	0.214634	-2.19	0.390600	-1.45
PCDH14	protocadherin beta-14	6 140349217 140351613	0.134184	1.37	0.692995	1.18	0.493383	1.19
MMRN2	multimerin-2 isoform X1	9 48767359 48786704	0.134184	1.28	0.019859	1.71	0.471037	1.15
MPP1	55 kDa erythrocyte membrane protein isoform X1	X 151650895 151676771	0.134184	-1.47	0.651759	-1.26	0.676818	-1.15
ZMAT3	zinc finger matrin-type protein 3 isoform X1	2 83483474 83535772	0.134236	-1.46	0.714110	1.21	0.674607	1.14
LOC102118498	L-lactate dehydrogenase A chain	14 49277547 49282277	0.134283	-1.67	0.958975	-1.05	0.639907	1.22
SLC33A1	uncharacterized protein LOC101864853	2 4254 18229	0.134368	-1.33	0.615515	1.20	0.651846	1.11
RWD3	RWD domain-containing protein 3 isoform X1	1 131665838 131679860	0.134512	-1.44	0.813831	1.14	0.650980	1.15
LOC107127613		15 25536145 25546777	0.134669	1.30	0.945534	1.03	0.300259	1.23
SLC25A32	mitochondrial folate transporter/carrier	8 104565110 104579496	0.134697	-1.43	0.219956	1.62	0.672395	1.14
PEX3	peroxisomal biogenesis factor 3 isoform X1	4 47977942 48015675	0.134733	-1.29	0.737099	1.13	0.709969	-1.08
EFR3A	protein EFR3 homolog A isoform X2	8 133288847 133388495	0.134733	-1.31	0.631386	1.19	0.433230	1.18
TMEM190	transmembrane protein 190	19 56219276 56220752	0.134889	2.80	0.833594	-1.42	0.854580	-1.19
SMARCD2	SWI/SNF-related matrix-associated actin-binding protein 2	16 61129581 61134325	0.135025	1.13	0.885953	-1.03	0.403924	1.08
LIPC	hepatic triacylglycerol lipase isoform X1	7 35566264 35709308	0.135177	1.60	0.872880	1.13	0.493425	1.28
SMIM6	small integral membrane protein 6	16 72954613 72955345	0.135353	1.74	0.240963	2.24	0.986042	-1.01

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
CREB3L4	cyclic AMP-responsive element-binding p	1 97893409 97898203	0.135353	-1.17	0.350736	-1.19	0.474204	-1.10
ZNF576	zinc finger protein 576 isoform X1	19 44328743 44331322	0.135531	1.18	0.596562	1.12	0.806607	-1.04
CETP	cholesterol ester transfer protein isoform X	20 44984328 45009535	0.136650	1.98	0.530150	-1.71	0.631387	-1.31
AS3MT	arsenite methyltransferase	9 101907030 101935302	0.135681	1.25	0.008279	-1.77	0.184407	-1.25
LGR5	leucine-rich repeat-containing G-protein c	11 70507555 70652165	0.135693	2.25	0.012227	34.17	0.020717	4.12
TAIF2	transcription initiation factor TFIIID subun	1 199529784 199547429	0.135700	-1.20	0.955351	-1.02	0.910990	1.02
TIPIN	TIMELESS-interacting protein isoform X	7 43923674 43945434	0.135761	-1.48	0.417941	-1.46	0.071591	1.65
TTL	tubulin-acetylation ligase isoform X1	13 16622910 16664823	0.135839	1.19	0.385822	1.19	0.420820	1.12
NAA16	N-alpha-acetyltransferase 16, NatA auxilli	17 20559493 20624352	0.135839	-1.28	0.444709	1.26	0.883057	1.04
SEC11A	signal peptidase complex catalytic subuni	7 65069512 65113976	0.135839	-1.15	0.802412	-1.06	0.807197	1.03
USP43	ubiquitin carboxyl-terminal hydrolase 43	16 9807821 9899764	0.135931	1.32	0.765297	-1.13	0.198886	-1.31
TCTN1	tectonic-1 isoform X4	11 114234770 114284879	0.135931	1.25	0.085808	1.47	0.442221	1.14
LOC102144021	leukocyte immunoglobulin-like receptor s	19 55611279 55616084	0.135931	-2.08	0.869944	-1.23	0.213318	-2.17
DYNCH1H		7 167190601 167285474	0.135985	1.12	0.858895	-1.03	0.698932	-1.04
KLHL31	kelch-like protein 31	4 117055491 117059157	0.136063	2.42	0.376012	2.71	0.015553	-5.98
SLC36A1	proton-coupled amino acid transporter 1 i	6 150768778 150800574	0.136099	-1.39	0.781853	-1.14	0.722237	1.11
SLC17A5	sialin isoform X1	4 100267106 100327337	0.136188	-1.20	0.440153	-1.19	0.910996	-1.02
LOC102140779		12 96893403 96923106	0.136232	-3.73	1.000000	1.90	0.318123	4.36
BHMT	betaine--homocysteine S-methyltransferas	6 77402754 77422768	0.136246	2.97	0.209232	4.51	0.917700	-1.11
LOC102135060		12 106351422 106907455	0.136246	2.66	0.864965	-1.33	0.429531	-1.76
LOC102121669		1 37200659 37224838	0.136246	1.28	0.966983	-1.02	0.715942	-1.08
ITPR1PL2	inositol 1,4,5-trisphosphate receptor-inter	20 18474824 18476431	0.136246	1.20	0.928186	1.03	0.751032	-1.05
ERMARD	endoplasmic reticulum membrane-associat	4 954134 985430	0.136246	-1.13	0.018407	-1.33	0.547072	-1.07
RAD18	E3 ubiquitin-protein ligase RAD18 isofo	2 139852732 139933356	0.136246	-1.19	0.974056	-1.01	0.547372	1.09
TRIM33	E3 ubiquitin-protein ligase TRIM33 isofo	1 112252378 112369811	0.136246	-1.34	0.360606	1.41	0.261264	1.29
PFKP	ATP-dependent 6-phosphofructokinase, p	9 3368192 3440049	0.136246	-1.59	0.903712	-1.10	0.641584	1.20
LOC107129687		5 79213949 79217118	0.136246	-7.90	1.000000	3.29	1.000000	6.51
LOC102132686	LOW QUALITY PROTEIN: folate recep	14 67323308 67328523	0.136246	-19.59	1.000000	1.00	1.000000	-4.01
C5H4orf47	UPF0602 protein C4orf47 homolog	5 184843835 184863815	0.136246	2.20	0.747864	-1.46	0.699781	1.31
LOC107128728		0 3343 6719	0.136246	-1.38	0.368285	-1.41	0.998900	-1.00
CARD6	caspase recruitment domain-containing pr	6 41321812 41335520	0.136252	1.31	0.983292	1.01	0.400573	1.20
LOC102145552	protocadherin beta-17 isoform X1	6 140284228 140286618	0.136510	1.41	0.779038	1.14	0.111994	1.49
LOC102117738	DNA-directed RNA polymerase II subuni	0 1728 3424	0.136510	1.40	0.886381	-1.08	0.231776	1.36
1-Sep	#N/A	#N/A	0.136510	1.33	0.040718	-1.77	0.523257	1.16
ZNF557	zinc finger protein 557 isoform X3	19 7271349 7286411	0.136510	1.24	0.414458	-1.24	0.393141	1.16
LOC107130231		7 41440933 41451604	0.136510	-2.17	0.329105	2.51	0.234313	2.11
PRELP	prolargin	1 61958200 61961900	0.136790	1.47	0.394108	1.48	0.585309	1.19
EID1	EP300-interacting inhibitor of differentiat	7 25826413 25826979	0.136790	-1.38	0.048507	1.88	0.424357	1.23
LYPLAL1	lysophospholipase-like protein 1 isoform	1 77865159 77902992	0.136790	-1.45	0.947158	1.05	0.519687	-1.22
LOC102132822		7 114246068 114263697	0.136790	-1.59	0.199566	-1.82	0.184387	-1.53
LOC102128143	leukocyte immunoglobulin-like receptor s	19 55196274 55201156	0.136790	-1.96	0.821157	-1.27	0.944732	1.05
TPPP	tubulin polymerization-promoting protein	6 433202 464262	0.136798	1.86	0.996095	-1.00	0.651418	-1.27
LOC102119520	T-cell receptor alpha chain V region HPB	7 85593589 85594354	0.136897	2.37	0.061549	-4.73	0.001112	4.83
CD5	T-cell surface glycoprotein CD5	14 13165522 13173342	0.136962	1.53	0.084996	-2.08	0.779243	1.11
TRA2B	uncharacterized protein LOC101864908	2 90671909 90691843	0.136962	-1.26	0.556086	1.19	0.509790	1.13
PNO1	uncharacterized protein LOC101867387	13 41780008 41797038	0.137255	-1.24	0.458142	1.21	0.621127	1.09
UPP1	uridine phosphorylase 1 isoform X1	3 72494643 72508551	0.137341	-1.60	0.820079	1.18	0.280431	-1.48
ERICH6	glutamate-rich protein 6 isoform X2	2 52903851 52950038	0.137413	1.71	0.146236	2.28	0.499915	1.34
LOC102132869		3 9721459 9730021	0.137498	-1.33	0.259311	-1.46	0.213887	1.32
SULF1	extracellular sulfatase Sulf-1 isoform X1	8 70762519 70856930	0.137535	1.97	0.337761	2.12	0.902192	1.08
PPP1R13B	apoptosis-stimulating of p53 protein 1 iso	7 169080037 169206089	0.137611	1.23	0.873471	1.06	0.713970	-1.07
LOC107127937		17 20544749 20552661	0.137650	2.33	0.545993	-1.93	0.988773	-1.01
STAT3	signal transducer and activator of transcrip	16 54032272 54127216	0.137650	1.24	0.992986	-1.00	0.827726	1.04
TMEM14B	transmembrane protein 14B	4 160102079 160109101	0.137650	-1.28	0.298754	1.34	0.185533	-1.28
SMAD5	mothers against decapentaplegic homolog	6 135263293 135287206	0.137650	-1.39	0.199505	1.58	0.287784	1.31
LOC107127956		17 29280430 29296322	0.137650	-1.56	0.630206	1.32	0.972054	-1.02
LOC102130576		10 24784461 24824790	0.137787	1.66	0.032131	-3.06	0.895506	-1.07
TNFSF14	tumor necrosis factor (ligand) superfamily	19 6851561 6856690	0.137787	1.62	0.613947	-1.39	0.107394	1.75
RRAGA	uncharacterized protein LOC101865186	15 59729793 59730668	0.137787	-1.11	0.944129	-1.01	0.493176	1.06
ZNF691	LOW QUALITY PROTEIN: zinc finger p	1 184825376 184827523	0.137823	1.24	0.950491	-1.03	0.324994	-1.18
LOC102114946	actin, cytoplasmic 2-like	2 133012197 133013195	0.137823	-1.45	0.346635	-1.51	0.779709	-1.10
LOC107126711		11 54546868 54561282	0.137823	-3.04	0.663848	1.77	0.148820	-4.68
LOC107130290	Ig heavy chain V-III region 23-like	7 171751860 171752260	0.137933	2.19	0.303510	2.30	0.369391	1.63
NOSTRIN	nostrin isoform X1	12 57676272 57740091	0.137933	1.67	0.151630	2.20	0.857637	-1.09
CHMP2B	charged multivesicular body protein 2b	2 180916407 180942156	0.137933	-1.31	0.484202	1.26	0.690063	1.10
LOC107129311	T-cell receptor beta chain V region CTL-1	3 175763397 175764079	0.138064	5.70	0.024010	-40.60	0.137694	5.29
LOC102145691	olfactory receptor 5D13-like	14 17240822 17241901	0.138261	-2.25	0.619023	1.71	0.790415	-1.22
MBNL2	muscleblind-like protein 2	17 79978545 80032338	0.138326	-1.49	0.178482	1.78	0.399739	1.30
RARA	retinoic acid receptor alpha isoform X1	16 51979812 52006446	0.138401	1.21	0.578960	1.14	0.926306	-1.02
DNAAF1		20 72424932 72459809	0.138567	5.70	0.936995	1.29	0.571853	-2.31
NEO1	neogenin	7 50891319 51200602	0.138643	1.25	0.688082	1.13	0.224250	-1.24
PPP2R5D	serine/threonine-protein phosphatase 2A 5	4 127565536 127591864	0.138690	1.96	0.458135	-1.15	0.984477	-1.00
LOC107130648		8 91819695 91839715	0.138906	-3.92	1.000000	2.81	0.507787	1.39
PLEKHG7	pleckstrin homology domain-containing f	11 96361213 96430968	0.138964	2.55	0.279617	-3.56	0.959604	-1.05
ANXA6	annexin A6 isoform X1	6 150388144 150436421	0.138975	1.21	0.248150	-1.28	0.096547	1.26
RNF141	RING finger protein 141	14 57269558 57288744	0.139014	-1.27	0.083541	1.52	0.369021	1.18
HNRNPH1	heterogeneous nuclear ribonucleoprotein h	6 179542265 179550460	0.139014	-1.26	0.479475	1.22	0.850822	1.04
TNFAlP8	tumor necrosis factor alpha-induced prote	6 118297645 118419603	0.139147	-1.53	0.961300	-1.04	0.588327	1.21
FAM170A	protein FAM170A isoform X4	6 118635395 118641391	0.139147	-2.21	0.662901	-1.59	0.382741	-1.83
SIGLEC6	sialic acid-binding Ig-like lectin 6	19 52269145 52284243	0.139210	1.93	0.454438	1.84	0.112789	2.13
IL17RA	interleukin-17 receptor A	10 33709958 33736057	0.139210	1.32	0.982409	1.01	0.271206	1.27
TSPEAR	thrombospondin-type laminin G domain a	3 2178206 2258388	0.139217	-2.00	0.001892	-6.49	0.150324	-2.06
C2CD2	C2 domain-containing protein 2 isoform X	3 4821293 4887122	0.139245	1.34	0.387726	1.35	0.903664	-1.03
SYT5	uncharacterized protein LOC101865680	19 55991109 55997158	0.139283	4.72	0.982681	-1.07	0.262060	-3.91
PIPOX	peroxisomal sarcosine oxidase	16 25323657 25336919	0.139283	1.22	0.024796	-1.51	0.400981	1.14
MAPK1IP1L	MAPK-interacting and spindle-stabilizing	7 119278390 119281341	0.139283	-1.31	0.441226	1.28	0.710680	1.09
SLC35A3	UDP-N-acetylglucosamine transporter iso	1 126809455 126875423	0.139531	-1.22	0.092418	1.40	0.354330	-1.16

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
ISLR	immunoglobulin superfamily containing 1	7 52195831 52197117	0.139602	1.32	0.775989	-1.12	0.266714	1.27
CCDC65	coiled-coil domain-containing protein 65	11 47731010 47747769	0.139664	3.57	0.943369	1.20	0.571342	-1.91
OPHN1	oligophrenin-1 isoform X3	X 65066483 65442864	0.139664	1.34	0.820432	1.11	0.756426	-1.08
RAB11FIP3	rab11 family-interacting protein 3 isoform X1	20 495107 533276	0.139664	1.31	0.773095	1.12	0.586517	-1.13
VPS41	vacuolar protein sorting-associated protein 41	3 81584509 81771928	0.139664	1.31	0.936735	1.04	0.493550	1.16
RPL6	60S ribosomal protein L6	11 116110142 116113542	0.139664	1.19	0.911867	-1.03	0.569612	-1.09
SLC22A31	putative solute carrier family 22 member 31	20 77651241 77656756	0.139664	-1.44	0.042636	-2.07	0.004676	-1.96
GRIN1	glutamate receptor ionotropic, NMDA 1 isoform X1	15 1110568 1139187	0.139795	2.13	0.971004	1.06	0.925824	-1.07
LOC107128199		19 15332093 15349672	0.139810	-12.99	1.000000	-2.07	0.505648	3.64
NID2	nidogen-2 isoform X4	7 116184910 116247290	0.139823	2.06	0.928165	-1.12	0.249085	1.90
VIM	vimentin	9 17783456 17791221	0.139920	-1.28	0.468755	-1.25	0.030073	-1.46
LOC102143328		8 91018299 91032354	0.140007	-2.25	0.712998	1.49	0.852944	1.15
ADCK3	atypical kinase ADCK3, mitochondrial	1 85820456 85845233	0.140146	1.30	0.909241	-1.05	0.191881	-1.30
PODNL1	podocan-like protein 1 isoform X1	19 14269054 14275332	0.140303	1.58	0.557873	-1.41	0.010386	2.13
CCNG1	cyclin-G1	6 162865832 162869125	0.140416	-1.39	0.743442	1.17	0.312854	1.30
TEKT1	tektin-1 isoform X1	16 6817461 6844049	0.140593	5.72	0.954800	1.22	0.511042	-2.58
DARS	aspartate--tRNA ligase, cytoplasmic isoform X1	12 22307754 22390524	0.140593	-1.28	0.810966	1.10	0.435594	1.17
PHYHD1	phytanoyl-CoA dioxygenase domain-containing protein 1	15 10213985 10233541	0.140710	-1.65	0.660265	1.36	0.584065	-1.26
LRRC40	leucine-rich repeat-containing domain 40	1 157143885 157206585	0.140815	-1.45	0.351804	1.50	0.708481	1.13
FAM84A	protein FAM84A	13 96384820 96385698	0.140858	1.57	0.809094	-1.18	0.040758	1.88
LOC102134080	uncharacterized protein LOC102134080 isoform X1	7 11163681 11169399	0.140957	-5.85	1.000000	13.62	0.116915	6.53
PPP3CC	serine/threonine-protein phosphatase 2B catalytic subunit 3	8 22602815 22703909	0.140958	-1.20	0.494989	1.17	0.857193	-1.03
ATR	serine/threonine-protein kinase ATR isoform X1	2 44567318 44689063	0.141009	-1.17	0.687552	1.09	0.589014	1.07
FBXL3	F-box/LRR-repeat protein 3	17 59513327 59528328	0.141009	-1.32	0.073948	1.66	0.464380	1.18
ADRB1	beta-1 adrenergic receptor	9 113232192 113233801	0.141016	1.70	0.719174	1.31	0.301105	-1.54
ZNF551	zinc finger protein 551 isoform X1	19 58321147 58327410	0.141022	1.34	0.000207	2.60	0.535327	1.16
CDC37L1	uncharacterized protein LOC101866234	15 74391770 74418086	0.141161	-1.37	0.150227	1.62	0.743451	1.09
NME5	nucleoside diphosphate kinase homolog 5	6 137187583 137218890	0.141415	1.69	0.986197	1.02	0.555193	-1.29
PHF3	PHD finger protein 3 isoform X1	4 110120135 110194892	0.141545	1.20	0.836007	-1.06	0.602729	1.08
GPA33	cell surface A33 antigen	1 25007175 25045777	0.141654	3.77	1.000000	-2.67	0.464622	-2.20
CECR1	adenosine deaminase CECR1 isoform X1	10 33597335 33632835	0.141660	1.48	0.903712	1.09	0.962579	1.02
ARFIP1	arfapin-1 isoform X1	5 152057884 152132720	0.141971	-1.31	0.254944	1.41	0.599341	1.13
LOC102120126	Ig heavy chain V-III region 23-like	0 717465 718014	0.142011	3.65	0.069848	11.57	0.864170	-1.22
GFI1	zinc finger protein Gfi-1	1 134496711 134504860	0.142011	1.43	0.360937	-1.45	0.290849	1.33
DUSP26	dual specificity protein phosphatase 26 isoform X1	8 34265486 34270648	0.142019	1.96	0.159392	2.94	0.902353	1.09
STL7L	suppressor of tumorigenicity 7 protein-like 7	1 114171227 114270758	0.142158	-1.17	0.939283	1.02	0.248535	-1.15
CMC4	cx9C motif-containing protein 4	X 151954900 151957128	0.142158	-1.21	0.979469	1.01	0.384550	-1.14
MTCP1	protein p13 MTCP-1	X 151958605 151959125	0.142158	-1.21	0.979469	1.01	0.384550	-1.14
NECAP2	adaptin ear-binding coat-associated protein 2	1 211953759 211970755	0.142253	-1.15	0.700065	1.08	0.636190	-1.06
LOC102127214		18 36380189 36393011	0.142347	1.92	0.020553	-4.35	0.294579	1.64
GPR68	ovarian cancer G-protein coupled receptor 68	7 156198725 156199852	0.142388	1.34	0.341234	-1.39	0.066379	1.47
AP5B1	AP-5 complex subunit beta-1	14 8743391 8746126	0.142655	-1.27	0.346880	-1.31	0.403142	1.18
KHDRBS2	KH domain-containing, RNA-binding, signal sequence domain-containing protein 2	4 111574437 112147780	0.142740	2.29	0.471328	2.11	0.230341	-2.19
COL25A1	collagen alpha-1(XV) chain isoform X4	5 108193627 108707855	0.142893	5.01	0.115418	5.47	0.977740	-1.03
ANTXR1	anthrax toxin receptor-like isoform X2	9 44909464 44955012	0.142901	3.39	0.140357	7.81	0.642842	-1.55
ARL6	ADP-ribosylation factor-like protein 6 isoform X1	2 174180954 174212186	0.142910	-1.34	0.982409	-1.01	0.485238	1.18
FAM150B	protein FAM150B isoform X2	13 110922053 110929664	0.142910	-1.67	0.205126	-2.11	0.007394	-2.49
DLG2	disks large homolog 2 isoform X2	14 78939639 81195891	0.142991	1.43	0.555357	1.30	0.095274	1.52
PTPN3	tyrosine-protein phosphatase non-receptor type 3	15 28216332 28302840	0.143423	1.14	0.257743	-1.19	0.069693	-1.19
EHF	ETS homologous factor isoform X3	14 32769160 32795706	0.143437	1.45	0.909241	-1.08	0.322448	1.34
FAM19A2	uncharacterized protein LOC101925244	11 60857208 61027415	0.143773	-1.36	0.985686	-1.01	0.503095	1.18
SLC6A16	orphan sodium- and chloride-dependent transporter 16	19 50102711 50133617	0.143819	1.77	0.917199	1.11	0.183258	-1.77
MTFR1	mitochondrial fission regulator 1 isoform X1	8 66876085 66925572	0.143969	-1.27	0.553833	1.20	0.698625	1.08
CDHR3	LOW QUALITY PROTEIN: cadherin-related 3	3 138395915 138486889	0.144072	4.15	1.000000	1.88	0.060657	-11.32
LTK	leukocyte tyrosine kinase receptor isoform X1	7 18409501 18419539	0.144072	2.20	0.298814	2.61	0.548381	-1.49
FARS2	phenylalanine--tRNA ligase, mitochondrial	4 165204134 165604099	0.144072	1.13	0.988371	1.00	0.019672	-1.22
SMIM10L1	small integral membrane protein 10-like protein 1	11 11800663 11800869	0.144072	-1.13	0.583227	1.09	0.563394	-1.06
ZBTB24	zinc finger and BTB domain-containing protein 24	4 13374950 13391650	0.144260	1.27	0.703314	-1.14	0.197109	1.27
LOC102142652		1 44350549 44354908	0.144526	-2.48	0.910549	-1.24	0.413868	-2.07
LOC102145618		3 20006094 20010824	0.144657	3.05	0.750612	-1.66	0.584477	1.57
GSG1L	germ cell-specific gene 1-like protein isoform X1	20 26721320 26997829	0.144692	2.06	0.638905	1.58	0.639630	-1.34
LYPD1	uncharacterized protein LOC101865037	12 19022408 19052505	0.144735	2.21	0.556829	-1.80	0.604891	1.40
LOC102125561		9 17768479 17771145	0.144735	-1.53	0.996692	1.00	0.074775	-1.72
MIR205HG	uncharacterized protein MIR205HG	1 67983161 67986196	0.144979	5.68	0.906731	1.48	0.583122	-2.31
LOC107129728		5 59737162 59917761	0.144979	-2.33	0.714334	1.56	0.018328	-3.58
MED12L	mediator of RNA polymerase II transcription subunit 12L	2 53355020 53690730	0.145144	1.46	0.971894	-1.03	0.437508	-1.28
GFRA3	GDNF family receptor alpha-3	6 137339476 137361369	0.145177	2.10	0.644248	-1.61	0.868817	1.12
ZNF786	zinc finger protein 786 isoform X1	3 182114152 182134225	0.145177	1.40	0.512912	1.32	0.563394	1.18
FBXW4	F-box/WD repeat-containing protein 4 isoform X1	9 100561167 100648445	0.145177	1.31	0.933568	1.04	0.251407	-1.28
KANK1	KN motif and ankyrin repeat domain-containing protein 1	15 78431786 78499214	0.145177	1.30	0.993669	1.00	0.939361	-1.02
PLXNB2	plexin-B2	10 564768 579699	0.145177	1.20	0.124709	-1.35	0.819865	1.04
TP53I1	tumor protein p53-inducible protein 11	14 22652126 22655542	0.145177	1.19	0.134509	-1.32	0.747624	1.05
GTF3C1	general transcription factor 3C polypeptide 1	20 26390625 26476400	0.145177	1.13	0.379215	-1.14	0.670915	-1.05
TPRG1L	tumor protein p63-regulated gene 1-like protein 1	1 224854664 224857949	0.145177	1.10	0.982531	-1.00	0.668883	1.04
SNX11	sorting nexin-11	16 33453881 33462322	0.145177	-1.15	0.808004	-1.05	0.811988	-1.03
PSMD6	26S proteasome non-ATPase subunit 6	2 119374954 119387561	0.145177	-1.16	0.917233	-1.03	0.547908	1.08
MRPL38	39S ribosomal protein L38, mitochondrial	16 73224727 73230771	0.145177	-1.17	0.351804	-1.20	0.107981	-1.21
NLK	serine/threonine-protein kinase NLK isoform X1	16 24250311 24399925	0.145177	-1.19	0.022951	1.46	0.561351	1.09
ARHGAP12	rho GTPase-activating protein 12 isoform X1	9 32396353 32494460	0.145177	-1.32	0.900404	1.06	0.795686	1.07
KDM4A	lysine-specific demethylase 4A	1 183907793 183960742	0.145203	1.18	0.360379	-1.20	0.921476	1.02
PVRL4	nectin-4 isoform X1	1 90562766 90579964	0.145337	1.34	0.130012	-1.59	0.748744	-1.09
RAD51AP1	RAD51-associated protein 1 isoform X1	11 4712576 4733515	0.145337	-1.74	0.972407	-1.04	0.355333	1.51
TTBK1	tau-tubulin kinase 1 isoform X3	4 127281572 127320929	0.145512	1.48	0.204721	1.88	0.824848	1.09
LOC102145107	myosin-1	16 10666769 10691081	0.145531	2.28	0.011806	4.79	0.126424	-2.09
KIF12	kinesin-like protein KIF12 isoform X3	15 23482817 23490843	0.145556	1.91	0.304036	-2.13	0.889359	1.09
NAA20	N-alpha-acetyltransferase 20	10 42236612 42253034	0.145630	-1.11	0.517571	1.09	0.946262	-1.06
HABP2	hyaluronan-binding protein 2 isoform X1	9 112731696 112766810	0.145703	6.18	1.000000	4.37	0.950717	1.11

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
PRPF4B	serine/threonine-protein kinase PRP4 homolog 10 kDa heat shock protein, mitochondrial	4 166986380 167025780	0.145849	-1.24	0.604950	1.16	0.568628	1.11
LOC102114836		11 3677345 3677653	0.145980	-1.42	0.875533	-1.10	0.931054	1.03
KRT3	keratin, type II cytoskeletal 3 isoform X1	11 51623798 51629835	0.146576	5.80	0.729546	-1.83	0.798266	-1.30
NPM2	nucleoplasm-2 isoform X1	8 22158022 22173917	0.146692	3.32	1.000000	2.83	0.220689	-2.89
LOC107129603	uncharacterized protein LOC107129603	4 144304858 144305211	0.146692	1.61	0.860892	1.15	0.800762	1.12
ZFX2	zinc finger homeobox protein 2	7 87240443 87253817	0.146692	1.41	0.703205	-1.19	0.605452	-1.15
FAT2	protocadherin Fat 2	6 150819083 150882971	0.146693	4.59	0.601688	-3.20	0.489139	-2.43
FAM92B	protein FAM92B	20 73425911 73442428	0.146739	6.24	0.925485	1.38	0.561607	-2.47
DLL3	delta-like protein 3	19 40012412 40022294	0.146739	2.47	0.760138	1.45	0.828839	1.17
DUSP7	dual specificity protein phosphatase 7	2 107312001 107317545	0.146739	-1.12	0.336148	1.13	0.000585	1.27
IL7	interleukin-7	8 79888440 79950303	0.146739	-1.48	1.000000	1.00	0.624738	1.18
NOC3L	nucleolar complex protein 3 homolog isoform X1	9 92860713 92907472	0.146743	-1.29	0.600706	1.19	0.612599	1.12
HDHC2	HD domain-containing protein 2	4 29348583 29376147	0.146755	-1.14	0.949552	1.02	0.273648	-1.12
TAP2	antigen peptide transporter 2	4 137991892 138003621	0.146777	1.20	0.812352	1.07	0.017414	1.35
LOC102119031		16 75580031 75591955	0.146795	2.19	0.778065	1.38	0.874845	1.12
WIPF2	WAS/WASL-interacting protein family member 2	16 51894464 51923943	0.146795	1.19	0.953682	-1.02	0.586517	1.08
TRIM68	E3 ubiquitin-protein ligase TRIM68	14 66172856 66178070	0.146815	1.20	0.766127	-1.09	0.004244	1.41
LOC107128201		19 7185524 7189553	0.146816	6.00	1.000000	-1.06	1.000000	-1.94
LOC102137822	protein FRA10AC1 isoform X3	9 92184880 92218845	0.146816	-1.19	0.327647	1.22	0.604891	1.08
LOC102133124	symplesin isoform X2	19 46720991 46754968	0.146843	1.38	0.771774	-1.15	0.543199	1.18
LACC1	laccase domain-containing protein 1	17 23062514 23071748	0.146843	-1.58	0.851229	-1.15	0.778236	1.12
TMEM199	transmembrane protein 199 isoform X1	16 24579769 24583439	0.146847	-1.11	0.121460	-1.19	0.328273	-1.09
LOC102125377	phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1	0 18213 89753	0.146848	1.35	0.834460	1.11	0.238251	1.32
LOC102122663		13 6889477 6894797	0.146936	1.84	0.801126	1.27	0.000002	-5.59
FXYP1	phospholemmann	19 35582689 35588339	0.146936	1.84	0.499075	1.68	0.995875	1.00
MYOZ3	myozenin-3 isoform X1	6 150008963 150024238	0.146936	1.61	0.600387	1.39	0.666368	-1.19
PIK3C2B	phosphatidylinositol 4-phosphate 3-kinase type II beta isoform X1	1 62904653 62950277	0.146936	1.30	0.754553	1.13	0.443076	1.18
LOC102122033	cytosolic beta-glucosidase isoform X1	5 21840695 21964886	0.146937	2.63	0.029761	28.92	0.756724	1.31
MFAP1	microfibrillar-associated protein 1	7 20757443 20778624	0.146961	1.17	0.811777	1.06	0.381179	1.12
TMEM87B	transmembrane protein 87B isoform X1	13 16236423 16305287	0.146961	-1.18	0.988366	1.00	0.538429	1.09
LRRC8C	volume-regulated anion channel subunit LRRC8C	1 137591176 137625706	0.146961	-1.27	0.038674	1.65	0.405393	1.18
OSGIN2	oxidative stress-induced growth inhibitor 2	8 91057968 91080012	0.146961	-1.31	0.492921	1.26	0.896628	1.03
PSPN	persephin	19 6549559 6550261	0.146961	-1.79	0.879651	1.15	0.063908	-2.00
LOC101865442	uncharacterized protein LOC101865442	12 19021398 19021805	0.147260	2.17	0.565443	-1.77	0.592098	1.40
ABCB4	phosphatidylcholine translocator ABCB4	3 124583851 124653659	0.147260	1.72	0.824723	1.21	0.636003	1.23
LOC107126954		12 109282315 109296506	0.147394	2.92	0.922796	-1.19	0.914864	-1.12
TSPYL2	testis-specific Y-encoded-like protein 2	X 52142166 52147755	0.147641	1.33	0.972407	1.02	0.408555	-1.21
IGIP	IgA-inducing protein homolog	6 139265798 139265959	0.147641	-1.27	0.040075	1.64	0.388448	1.20
LOC107127173		13 100825931 100835341	0.147641	-1.85	0.791655	1.27	0.140176	-1.99
ASF1B	histone chaperone ASF1B	19 14476026 14490371	0.147795	-1.31	0.279752	-1.41	0.486899	1.17
LOC102144796		14 12428 16870	0.147886	1.59	0.692227	-1.30	0.626811	-1.24
FAM32A	protein FAM32A	19 16443557 16449055	0.148069	1.18	0.485668	-1.16	0.814839	-1.04
LACTB2	beta-lactamase-like protein 2	8 71874255 71904055	0.148232	-1.27	0.778065	1.11	0.921500	1.02
LOC102146320	V-set and transmembrane domain-containing protein 1	0 1289 2673	0.148303	2.45	0.093987	-5.73	0.846819	-1.18
MPP4	MAGUK p55 subfamily member 4	12 91058493 91111586	0.148303	-2.07	0.976880	1.04	0.178570	-2.16
TADA2B	transcriptional adapter 2-beta	5 5896809 5908011	0.148424	1.16	0.861920	1.04	0.167451	1.17
TBC1D13	TBC1 domain family member 13 isoform X1	15 10347549 10369044	0.148424	1.14	0.439869	-1.14	0.679130	1.05
ACAD8	isobutyryl-CoA dehydrogenase, mitochondrial	14 129974042 129985239	0.148445	1.20	0.866137	1.05	0.933708	1.02
LOC102124550	myosin regulatory light chain 12A isoform X1	18 64450417 64453928	0.148445	-1.17	0.111973	1.30	0.855975	-1.03
PHGDH	D-3-phosphoglycerate dehydrogenase isoform X1	1 106980450 107010385	0.148708	1.26	0.706672	-1.13	0.421583	1.16
CCAR1	cell division cycle and apoptosis regulator 1	9 67064557 67227244	0.148766	-1.14	0.863789	1.04	0.981474	-1.00
CEBPG	CCAAT/enhancer-binding protein gamma	19 33744387 33744839	0.148766	-1.15	0.491465	1.13	0.503481	-1.08
SEMA3A	semaphorin-3A	3 127895989 128115586	0.148766	-1.28	0.047093	1.63	0.146688	1.30
FPR1	fMet-Leu-Phe receptor	19 52468806 52469864	0.148766	-1.39	0.663957	1.22	0.119468	-1.47
LOC102130401	uncharacterized protein LOC102130401 isoform X1	7 71558736 71561168	0.148766	-1.54	0.625616	-1.31	0.900170	1.05
C14H11orf94	uncharacterized protein C14orf94 homolog 1	14 21696544 21697218	0.148791	1.78	0.816727	-1.22	0.783259	-1.17
F2RL1	proteinase-activated receptor 2	6 75026139 75040429	0.148791	-1.39	0.505371	-1.07	0.310401	1.31
MAGI2	membrane-associated guanylate kinase, with multiple catalytic domains 2	3 132738803 134229153	0.148894	-1.36	0.878605	1.08	0.648087	1.13
GTF2A1	transcription initiation factor IIA subunit 1	7 146041239 146081982	0.148898	-1.43	0.565845	1.31	0.321313	1.33
GTF3C6	general transcription factor 3C polypeptide 6	4 14866978 14876780	0.149071	-1.27	0.571155	-1.20	0.882032	-1.04
ADCY9	adenylate cyclase type 9 isoform X2	20 4242443 4287134	0.149095	1.36	0.958714	-1.03	0.583398	-1.15
LOC102124883	26S protease regulatory subunit 10B	7 116892745 116893914	0.149096	-1.31	0.960750	1.03	0.666172	1.11
CRB2	protein crumbs homolog 2 isoform X2	15 12667456 12688272	0.149296	2.34	0.889585	-1.23	0.219277	-2.25
OAZ2	ornithine decarboxylase antizyme 2 isoform X1	7 42154944 42169655	0.149296	1.19	0.805241	-1.07	0.530344	-1.00
PSD4	PH and SEC7 domain-containing protein 4	13 17321725 17350161	0.149296	1.19	0.369585	-1.20	0.079288	1.24
ALG9	alpha-1,2-mannosyltransferase ALG9 isoform X1	14 107761564 107851506	0.149296	-1.17	0.965551	1.01	0.259530	1.15
TMTC4	transmembrane and TPR repeat-containing protein 4	17 83210390 83274789	0.149296	-1.27	0.966616	1.02	0.896916	1.03
RNF217	probable E3 ubiquitin-protein ligase RNF217	4 29012817 29142165	0.149296	-1.35	0.678997	1.19	0.687967	1.11
UNC13C	protein unc-13 homolog C isoform X1	7 31003982 31667651	0.149449	7.00	0.199014	9.13	0.791326	-1.47
NFXL1	NF-X1-type zinc finger protein NFXL1 isoform X1	5 47927624 47993861	0.149678	-1.19	0.682774	1.10	0.260698	1.17
NMRAL1	nmrA-like family domain-containing protein 1	20 4716350 4730615	0.149846	1.37	0.913439	-1.06	0.282286	-1.31
PVRL1	nectin-1	14 115726110 115789869	0.149937	1.34	0.151139	1.58	0.952706	-1.02
SEC22B	vesicle-trafficking protein SEC22b	1 106538435 106558709	0.149937	-1.37	0.985600	1.01	0.631066	1.14
REEP1	receptor expression-enhancing protein 1	13 23162274 23207874	0.150002	1.54	0.456518	1.48	0.537203	-1.25
RDH14	retinol dehydrogenase 14	13 92434536 92439990	0.150002	-1.18	0.549740	1.14	0.848895	-1.03
PELI1	E3 ubiquitin-protein ligase pellico homolog 1	13 45907983 45922475	0.150002	-1.31	0.649648	1.19	0.622242	1.12
ISOC2	isochorismatase domain-containing protein 2	19 56298302 56305430	0.150173	1.50	0.810782	-1.16	0.257529	-1.44
SP2	transcription factor Sp2 isoform X1	16 33219497 33253412	0.150173	1.16	0.995128	1.00	0.695355	1.05
OSTM1	osteopetrosis-associated transmembrane protein 1	4 11955192 11988454	0.150173	-1.23	0.411047	1.23	0.372789	1.16
NRC2CAP	nuclear receptor 2C2-associated protein 1	19 19687472 19688602	0.150173	-1.33	0.944206	-1.04	0.853442	1.05
MFSD11	UNC93-like protein MFSD11 isoform X1	16 74119473 74157340	0.150247	-1.13	0.615357	-1.08	0.368476	-1.09
ITGA2	integrin alpha-2	6 52379312 52480739	0.150459	-1.97	0.728077	1.41	0.700817	1.26
AP3M2	AP-3 complex subunit mu-2 isoform X3	8 43145717 43161003	0.150585	1.24	0.385822	1.25	0.646875	-1.09
FASLG	tumor necrosis factor ligand superfamily member 1	1 30635867 30642669	0.150595	1.43	0.975410	-1.02	0.260698	1.36
PRDX1	peroxiredoxin-1 isoform X1	1 182003834 182010950	0.150595	-1.30	0.343356	-1.35	0.369173	-1.21
C19H1orf24	uncharacterized membrane protein C19orf24	19 1051565 1054754	0.150675	-1.26	0.496440	-1.22	0.448740	-1.15
LOC102123120	napsin-A isoform X2	19 51178169 51184839	0.150675	-2.32	0.574779	-1.87	0.871675	-1.14

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
CLDN2	claudin-2 isoform X1	X 104051226 104121208	0.150792	-2.39	0.700694	-1.61	0.971565	1.03
LOC102130439	zinc finger protein 788-like isoform X1	19 12382831 12402198	0.150849	1.53	0.241704	-1.76	0.863133	1.07
FGFR3	fibroblast growth factor receptor 3 isoform X1	5 1808151 1821018	0.150849	1.51	0.464965	1.46	0.823012	-1.09
POLR3A	DNA-directed RNA polymerase III subunit alpha	9 57579244 57630875	0.150849	1.21	0.917016	1.04	0.010902	1.38
ZNF516	zinc finger protein 516 isoform X1	18 3662854 3743548	0.150849	1.10	0.904043	1.02	0.921476	1.01
CCT2	T-complex protein 1 subunit beta	11 68641583 68657135	0.150849	-1.24	0.831479	1.08	0.834287	1.04
PI3	elafin	10 76891419 76892625	0.150849	-1.79	0.798468	-1.26	0.627614	-1.28
LOC107130531	uncharacterized protein LOC107130531	8 8785773 8853844	0.150849	-1.89	0.017278	-5.76	0.814839	1.17
LOC107128281	uncharacterized protein LOC107128281	19 53634056 53640670	0.150849	-1.98	0.830736	-1.27	0.020727	3.07
C4H6orf118	uncharacterized protein C6orf118 homolog	4 5619537 5641076	0.150888	5.56	0.788804	2.34	0.967163	1.08
HIPK3	homeodomain-interacting protein kinase 3	14 34091204 34190664	0.150888	-1.46	0.196564	1.72	0.600285	1.18
SPEF2	sperm flagellar protein 2 isoform X7	6 36013390 36204120	0.150961	1.73	0.083913	2.72	0.932087	-1.05
LOC102139649	leydig cell tumor 10 kDa protein homolog	13 29197139 29197438	0.150961	1.37	0.765399	-1.17	0.354834	-1.27
RPL24	60S ribosomal protein L24	2 170467792 170473267	0.150961	1.15	0.630370	-1.10	0.331400	-1.12
BCL10	B-cell lymphoma/leukemia 10	1 141972271 141981046	0.150961	-1.21	0.929494	1.03	0.922723	-1.02
RPF2	ribosome production factor 2 homolog isoform X1	4 14888761 14932890	0.151068	-1.45	0.885953	1.10	0.973338	1.01
QRICH1	glutamine-rich protein 1	2 104199665 104238615	0.151305	1.10	0.872607	-1.03	0.415197	1.07
HERC4	probable E3 ubiquitin-protein ligase HERC4	9 67902284 68058550	0.151446	-1.22	0.677945	1.12	0.681690	-1.07
PCGF5	polycomb group RING finger protein 5 isoform X1	9 89768229 89840447	0.151446	-1.30	0.057545	1.68	0.367045	1.21
C2H3orf18	uncharacterized protein LOC101866674	2 105809219 105812049	0.151530	1.89	0.350857	2.05	0.645272	-1.29
IQCC	IQ domain-containing protein C isoform X1	1 195805186 195807618	0.151530	1.33	0.808446	1.12	0.589882	-1.14
FARP1	FERM, RhoGEF and pleckstrin domain-containing protein 1	17 80835449 81070992	0.151530	1.26	0.307476	1.32	0.973730	-1.01
DNAL4	dynein light chain 4, axonemal	10 12434119 12437681	0.151530	1.20	0.585067	-1.14	0.551381	-1.10
TRERF1	transcriptional-regulating factor 1 isoform X1	4 12834344 128384965	0.151530	1.19	0.310650	1.24	0.034043	1.31
CYP2C76	cytochrome P450 2C3-like precursor	9 8229 20419	0.151701	2.59	0.879354	-1.27	0.063631	-3.93
EIF2S3	eukaryotic translation initiation factor 2 subunit 3	X 22032683 22056377	0.151740	-1.14	0.330840	-1.17	0.807312	-1.03
TLCD2	TLC domain-containing protein 2	16 1595367 1597781	0.151740	-1.38	0.745066	1.17	0.283353	-1.32
EHMT2	histone-lysine N-methyltransferase EHMT2	4 138958225 138976594	0.151791	1.17	0.438694	-1.16	0.917055	-1.02
BDP1	transcription factor TFIIIB component B"	6 69600214 69711595	0.152206	-1.24	0.108600	1.45	0.488982	1.13
HAVCR2	hepatitis A virus cellular receptor 2	6 156473929 156495807	0.152237	-1.62	0.831558	-1.18	0.989847	1.01
LOC107130080	protocadherin gamma-A7	6 140504608 140507061	0.152325	1.58	0.404759	1.58	0.238926	1.50
NOP9	nucleolar protein 9 isoform X1	7 88085200 88090370	0.152325	1.08	0.061392	1.17	0.495225	1.05
KCTD9	BTB/POZ domain-containing protein KCTD9	8 25825947 25854495	0.152325	-1.20	0.411140	1.21	0.918276	1.02
CCTD109B	uncharacterized protein LOC101925331	5 108976930 109083020	0.152325	-1.25	0.817959	1.08	0.640056	1.09
FPGT	fucose-1-phosphate guanylyltransferase	1 153061520 153069191	0.152325	-1.33	0.975411	1.02	0.027171	1.57
ATF5	cyclic AMP-dependent transcription factor 5	19 50812979 50815300	0.152325	-1.34	0.221559	-1.50	0.898222	-1.04
NDFV2	NADH dehydrogenase [ubiquinone] flavoprotein 2	18 70278994 70312716	0.152354	-1.16	0.650995	-1.10	0.479109	-1.09
COLGALT1	procollagen galactosyltransferase 1	19 17904120 17917177	0.152354	-1.28	0.240963	-1.39	0.977740	-1.01
GRHL2	grainyhead-like protein 2 homolog isoform X1	8 102639730 102821352	0.152360	1.32	0.119070	-1.59	0.301105	-1.26
PCBP2	poly(rC)-binding protein 2 isoform X1	11 52322844 52348623	0.152392	1.09	0.318215	-1.11	0.268498	-1.08
LOC102141543	Ig lambda chain V region 4A-like	10 29678374 29678842	0.152468	1.64	0.025506	2.78	0.482120	-1.31
MTMR12	myotubularin-related protein 12 isoform X1	6 32921550 33007480	0.152596	1.25	0.800876	1.09	0.908879	1.03
ATP6V1C1	V-type proton ATPase subunit C 1 isoform X1	8 104205732 104233368	0.152630	-1.28	0.922796	1.04	0.869342	1.04
USPL1	SUMO-specific isopeptidase USPL1 isoform X1	17 10215841 10251988	0.152639	-1.16	0.074030	1.32	0.617468	1.07
RTN3	reticulon-3 isoform X4	14 10831962 10936187	0.152659	-1.09	0.840235	1.03	0.651732	-1.04
LOC107126395	uncharacterized protein LOC107126395	8 37833973 37837147	0.152964	5.13	1.000000	3.50	0.966206	1.06
ANXA2	annexin A2	7 37687868 37724686	0.153059	-1.23	0.663338	-1.13	0.042695	-1.35
ISCA2	iron-sulfur cluster assembly 2 homolog, nuclear	7 139177470 139178692	0.153137	-1.32	0.057346	-1.71	0.093960	-1.41
SLC35E4	solute carrier family 35 member E4	10 20793406 20802843	0.153137	-1.33	0.451097	-1.30	0.115053	-1.40
IDO1	indoleamine 2,3-dioxygenase 1	8 40871221 40887337	0.153308	-1.82	0.126510	-2.69	0.901031	-1.08
SLC38A7	putative sodium-coupled neutral amino acid transporter 7	20 46737118 46755797	0.153326	-1.27	0.156802	-1.45	0.119204	-1.32
LOC102126529	uncharacterized protein LOC102126529	12 70092229 70117320	0.153419	2.21	0.757815	-1.34	0.563641	1.34
KDELR2	ER lumen protein-retaining receptor 2 isoform X1	3 41788096 41810582	0.153419	-1.35	0.833594	1.11	0.696092	1.11
LOC102128802	tubulin alpha-1C chain	11 48116980 48124740	0.153523	-1.61	0.653806	-1.35	0.969129	1.02
H3F3A	histone H3.3	1 84878796 84887692	0.153523	1.17	0.192548	-1.26	0.670720	1.06
PLCB2	1-phosphatidylinositol 4,5-bisphosphate phospholipase C beta 2	7 17093637 17112775	0.153547	1.27	0.813035	-1.09	0.592595	1.12
POLR2A	DNA-directed RNA polymerase II subunit alpha	16 7545756 7586045	0.153547	1.22	0.447201	-1.21	0.413969	1.14
LOC102127873	uncharacterized protein LOC102127873	20 31892212 31893834	0.153547	-1.59	0.022984	2.80	0.000001	-3.82
PABPC4	polyadenylate-binding protein 4 isoform X1	1 188204520 188219296	0.153605	-1.10	0.185636	-1.16	0.380960	-1.07
FKTN	fukutin isoform X4	15 32078003 32131353	0.153605	-1.22	0.945534	-1.03	0.498446	1.12
LOC102120828	uncharacterized protein LOC102120828	17 9352224 9378190	0.153605	-1.53	0.358831	-1.60	0.122481	-1.66
ENO2	gamma-enolase	11 7227858 7235112	0.153612	-1.39	0.820558	1.13	0.980993	-1.01
PAPOLA	poly(A) polymerase alpha isoform X1	7 161602628 161665893	0.153695	-1.23	0.563634	1.17	0.415201	1.15
RBM38	RNA-binding protein 38 isoform X1	10 89275149 89290792	0.153819	1.25	0.297373	-1.32	0.971841	1.01
FAM65A	protein FAM65A isoform X3	20 55707570 55716388	0.153819	1.21	0.331155	1.24	0.966458	-1.01
PHLDA2	pleckstrin homology-like domain family A member 2	14 2892437 2892972	0.153819	-1.98	0.976880	-1.04	0.827658	-1.15
RINL	ras and Rab interactor-like protein isoform X1	19 39345038 39354655	0.153828	1.30	0.112620	-1.55	0.502934	1.16
DDX20	probable ATP-dependent RNA helicase DDX20	1 115015109 115026112	0.153828	-1.14	0.513366	1.12	0.378930	1.10
MYNN	myoneurin isoform X1	2 73970480 73983826	0.153953	-1.19	0.414433	1.19	0.566235	1.09
DEDD2	DNA-binding death effector domain-containing protein 2	19 42712549 42731843	0.153968	1.13	0.993669	-1.00	0.021718	-1.23
MPDU1	mannose-6-phosphate utilization defect 1	16 7653759 7657456	0.153968	-1.19	0.326649	-1.23	0.219818	-1.18
RRAGC	ras-related GTP-binding protein C isoform X1	1 188964404 188984669	0.153968	-1.20	0.830080	-1.07	0.914191	1.02
NFU1	NFU1 iron-sulfur cluster scaffold homolog	13 40527317 40573384	0.153968	-1.20	0.830732	1.07	0.757252	-1.05
LOC102117378	uncharacterized protein LOC102117378	0 13008 14139	0.153968	-3.52	1.000000	1.41	0.826537	-1.28
LOC107128396	uncharacterized protein LOC107128396	20 77299300 77302326	0.154077	5.24	1.000000	-2.54	0.185457	-5.14
LOC107127425	uncharacterized protein LOC107127425	14 99851095 99864734	0.154100	2.28	0.395223	2.66	0.912894	-1.11
LOC102122664	alcohol dehydrogenase 1A	5 98548370 98562752	0.154362	2.12	0.777740	-1.39	0.867804	-1.13
FITM2	fat storage-inducing transmembrane protein 2	10 76010125 76013669	0.154362	1.26	0.968746	-1.02	0.412241	1.17
SLC25A53	solute carrier family 25 member 53 isoform X1	X 101018698 101047295	0.154362	1.23	0.550792	1.18	0.862371	1.04
LOC107129476	uncharacterized protein LOC107129476	4 126450913 126469811	0.154362	-6.07	1.000000	-1.06	0.420910	2.42
C7H14orf159	UPF0317 protein C14orf159 homolog, mouse	7 156128293 156189435	0.154478	1.21	0.968272	-1.02	0.822828	1.04
PPA2	uncharacterized protein LOC101925247	5 104799161 104961409	0.154478	-1.27	0.876045	-1.07	0.581171	1.12
TACR1	substance-P receptor	13 34696979 34843851	0.154507	1.63	0.807519	1.21	0.304797	1.49
EIF4B	eukaryotic translation initiation factor 4B	11 51841960 51876804	0.154507	1.22	0.674906	-1.13	0.572727	1.10
CIH1orf167	LOW QUALITY PROTEIN: uncharacterized protein LOC101925247	1 216332791 216359805	0.154597	1.79	0.236037	2.51	0.338238	1.59
LOC102131950	uncharacterized protein LOC102131950	1 184101354 184108388	0.154740	5.88	0.484636	-2.89	0.007394	-21.00
LOC107130976	uncharacterized protein LOC107130976	10 8264365 8269890	0.154740	1.88	0.137512	3.36	0.562534	-1.43

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
LOC107129914		6 17889650 17931473	0.154825	8.73	1.000000	1.43	1.000000	3.18
RSPO2	R-spondin-2 isoform X2	8 109021274 109188129	0.154825	1.77	0.491246	1.65	0.618434	1.28
SLC6A13	sodium- and chloride-dependent GABA t	11 222771 260242	0.154850	-1.23	0.278977	1.30	0.457384	1.14
DLD	dihydropyridol dehydrogenase, mitochondr	3 140360463 140390197	0.154850	-1.33	0.377565	1.36	0.496552	1.18
CCDC39	coiled-coil domain-containing protein 39	2 85181911 85245355	0.154858	1.70	0.631878	-1.42	0.958180	1.03
CIH1orf74	UPF0739 protein C1orf74 homolog	1 68359294 68360106	0.154858	-1.18	0.632347	1.11	0.821606	-1.04
RBKS	ribokinase isoform X4	13 82932499 83064184	0.154858	-1.37	0.898299	-1.07	0.560487	-1.17
NAP1L3	nucleosome assembly protein 1-like 3	X 90780605 90782134	0.154858	-1.42	0.686975	1.22	0.762836	1.10
PLPP2	lipid phosphate phosphohydrolase 2 isofo	19 15736 30098	0.154914	-1.29	0.540336	-1.23	0.005203	-1.62
FCRLA	Fc receptor-like A isoform X2	1 90029552 90036033	0.154938	1.87	0.264775	-2.29	0.567317	1.36
SLC6A15		11 84094808 84167154	0.154956	4.27	1.000000	-7.66	1.000000	1.78
RIT1	GTP-binding protein Rit1 isoform X1	1 95865523 95876189	0.154956	-1.20	0.803911	1.08	0.621570	1.08
LOC102126330	LOW QUALITY PROTEIN: importin sub	16 62086630 62098647	0.154956	-1.41	0.083990	-1.89	0.108160	-1.51
LOC107127953		17 29019796 29029477	0.154965	1.94	0.980965	1.03	0.476477	1.52
LOC102116036		14 6404703 6409241	0.154965	1.60	0.427833	-1.64	0.778888	1.14
LAMP2	lysosome-associated membrane glycoprot	X 117100634 117140782	0.155086	-1.36	0.394453	1.38	0.394200	1.24
ASIC2	acid-sensing ion channel 2 isoform X1	16 29391017 30525172	0.155148	1.62	0.452694	1.46	0.638720	-1.17
GNAI3	guanine nucleotide-binding protein G(k) s	1 117157603 117203135	0.155148	-1.31	0.585103	1.22	0.400485	1.21
SLC19A1	folate transporter 1	3 1218063 1239147	0.155221	1.49	0.005911	-2.81	0.314404	-1.38
LOC102133232	LOW QUALITY PROTEIN: X-ray repair	9 91725680 91728839	0.155641	2.38	0.180135	3.91	0.801101	-1.23
C11H12orf75	overexpressed in colon carcinoma 1 prote	11 109050161 109088172	0.155732	1.27	0.011296	-1.75	0.300361	-1.21
SMIM14	small integral membrane protein 14	5 39193048 39237290	0.155737	-1.30	0.992863	1.00	0.880697	-1.04
RBFOX2	RNA binding protein fox-1 homolog 2 iso	10 15233393 15523685	0.155840	1.20	0.655388	1.12	0.448532	1.12
CENPA	histone H3-like centromere protein A	13 84092325 84099054	0.155895	-1.48	0.090823	-2.01	0.995563	1.00
C18H18orf25	uncharacterized protein C18orf25 homolo	18 35617325 35666091	0.155931	-1.18	0.399826	1.19	0.554515	1.09
CIB2	calcium and integrin-binding family mem	7 56440398 56465222	0.155973	1.34	0.777541	-1.14	0.621839	-1.13
CADPS	calcium-dependent secretion activator 1 is	2 11777910 118264016	0.155981	1.94	0.601410	1.58	0.460714	-1.49
PATZ1	POZ-, AT hook-, and zinc finger-containi	10 20050637 20070159	0.156011	1.20	0.663957	-1.12	0.788802	1.05
FAM81A	protein FAM81A isoform X1	7 36652727 36719381	0.156041	1.49	0.804441	1.17	0.547411	1.22
KLF1	Kruppel-like factor 1	19 13112921 13115182	0.156123	-2.04	0.686010	-1.51	0.597790	-1.39
PHF5A	PHD finger-like domain-containing protei	10 9637242 9646118	0.156205	-1.18	0.581775	-1.13	0.833657	-1.03
EID3	EP300-interacting inhibitor of differentiat	0 33243 34358	0.156350	-1.49	0.484550	-1.42	0.325546	-1.37
TTC21A	tetratricopeptide repeat protein 21A isofo	2 94028425 94059641	0.156731	1.36	0.738507	-1.17	0.006078	-1.77
FOPNL	lisH domain-containing protein FOPNL is	20 15913290 15935841	0.156754	-1.19	0.495563	1.17	0.533079	1.10
CRB1	protein crumbs homolog 1 isoform X1	1 55543326 55753374	0.156767	2.17	0.965578	-1.07	0.978704	-1.02
LOC102118920		2 90012154 90022294	0.156767	-1.18	0.092917	1.35	0.551718	1.09
LOC102133674	NKG2-C type II integral membrane prote	11 5 658	0.156782	1.63	0.077201	-3.96	0.000292	3.60
LOC107126507	supervillin-like	9 31328387 31345530	0.156844	1.22	0.973196	1.01	0.730623	-1.06
LOC107127234		14 3079672 3082683	0.156888	3.10	0.144398	7.95	0.411417	2.34
DISP3	patched domain-containing protein 2	1 216592803 216630402	0.156888	2.65	0.797388	1.47	0.991360	1.01
BHLHA15	class A basic helix-loop-helix protein 15	3 42414152 42414727	0.156888	1.55	0.942662	-1.06	0.316854	1.41
NKD1	protein naked cuticle homolog 1	20 38361673 38445788	0.156888	1.47	0.226211	1.71	0.215363	1.47
KBTBD8	kelch repeat and BTB domain-containing	2 122600063 122610021	0.156888	-1.37	0.308406	1.46	0.408762	1.24
SEMA6B	semaphorin-6B	19 4616055 4625242	0.156888	-1.50	0.151498	1.91	0.839147	-1.08
NEUROD6	neurogenic differentiation factor 6	3 89329561 89330574	0.156986	5.02	0.240963	-15.58	0.070804	-14.82
PNRC1	uncharacterized protein LOC101867275	4 84910375 84913654	0.156986	-1.25	0.900115	1.05	0.736636	1.07
BLOC1S6	uncharacterized protein LOC101866235	7 22526204 22542077	0.156986	-1.29	0.727784	1.14	0.272170	1.25
HTR5A	5-hydroxytryptamine receptor 5A	3 187996056 188007959	0.156986	-1.43	0.480146	1.36	0.006078	1.99
LOC107127182		13 106117990 106124772	0.157011	-2.64	0.118421	4.80	0.168584	-2.89
LOC102120636		14 88814689 88828829	0.157504	3.48	0.265374	6.15	0.841031	-1.27
PM20D2	peptidase M20 domain-containing protein	4 84837749 84858046	0.157504	-1.22	0.862392	-1.06	0.469896	-1.13
AK4	adenylate kinase 4, mitochondrial	1 162138971 16222006	0.157521	-1.88	0.861920	1.21	0.673564	1.26
ACSL5		9 111512760 111590508	0.157858	-1.42	0.732539	-1.20	0.705258	1.13
SPDYA	speedy protein A isoform X3	13 81955809 81989348	0.157932	-2.12	0.830639	1.30	0.026672	-3.16
LOC101925576		4 36299107 36303613	0.158011	5.64	1.000000	2.63	1.000000	3.63
ARHGAP28	rho GTPase-activating protein 28 isoform	18 67917248 68111679	0.158013	1.46	0.774694	1.18	0.992051	-1.00
UBE2E2	ubiquitin-conjugating enzyme E2 E2	2 23903887 24287109	0.158118	-1.27	0.299648	1.34	0.990618	1.00
RRAS2	ras-related protein R-Ras2 isoform X1	14 53388193 53468085	0.158118	-1.29	0.245392	1.41	0.787438	1.07
NRIP1	nuclear receptor-interacting protein 1	3 32319128 32322595	0.158118	-1.37	0.580749	1.26	0.806828	1.08
GRIN2D	glutamate receptor ionotropic, NMDA 2D	19 49214594 49234291	0.158187	-2.01	0.731508	-1.38	0.638174	1.31
CLEC4D	C-type lectin domain family 4 member D	11 8750479 8757609	0.158236	-1.78	0.904210	1.14	0.051735	2.40
KIF25		4 2689239 2760057	0.158236	-2.16	0.765740	-1.49	0.736838	-1.29
LOC102126451	tumor necrosis factor receptor superfamily	16 17249915 17280695	0.158382	1.90	0.595577	-1.56	0.563394	1.35
IQCA1	IQ and AAA domain-containing protein 1	12 126168200 126335218	0.158451	1.54	0.171679	1.95	0.397439	-1.35
GBA	glucosylceramidase isoform X1	1 96581318 96587770	0.158522	-1.31	0.492464	-1.27	0.738113	-1.09
LOC102132176	Ig heavy chain V-I region 5-like	13 18266539 18268269	0.158800	2.00	0.801126	1.31	0.009369	2.91
LOC102147238		3 1651635 1669247	0.158800	1.35	0.427648	-1.36	0.644091	1.13
IFNGR2	interferon gamma receptor 2	3 13322146 13362490	0.158800	-1.20	0.341577	-1.24	0.959320	1.01
GCFC2	GC-rich sequence DNA-binding factor 2	13 34115118 34163690	0.158800	-1.25	0.858388	-1.07	0.663013	1.09
LOC107129261		3 120177684 120182126	0.158800	-3.51	1.000000	-2.49	0.853210	1.28
EBPL	emopamil-binding protein-like	17 28863305 28904412	0.158821	-1.24	0.115476	-1.44	0.085517	-1.32
LOC102145999	uncharacterized protein C10orf12 isoform	9 95711165 95783117	0.159219	-1.33	0.373742	1.36	0.638605	1.12
BLZF1	golgin-45 isoform X1	1 27322211 27339848	0.159219	-1.34	0.158686	1.58	0.605023	1.14
GSTM2	glutathione S-transferase Mu 2	1 117074054 117079786	0.159249	1.54	0.877513	-1.12	0.468043	-1.30
UNK	RING finger protein unknempt homolog is	16 73102692 73147102	0.159345	1.15	0.735943	-1.07	0.723014	-1.05
CIQL3	complement C1q-like protein 3	9 17033352 17039910	0.159345	-2.01	0.343862	2.31	0.836387	-1.14
ZBTB1	zinc finger and BTB domain-containing p	7 128864931 128875332	0.159482	-1.20	0.852904	1.06	0.829031	1.04
CD37	leukocyte antigen CD37 isoform X1	19 50137689 50142544	0.159529	1.23	0.760039	-1.10	0.742717	-1.06
LOC107127802		16 33902032 33904798	0.159567	1.64	0.726964	1.31	0.796250	-1.13
RBM45	RNA-binding protein 45 isoform X1	12 67090885 67104818	0.159567	-1.16	0.004103	-1.50	0.119493	1.20
VDAC1	uncharacterized protein LOC101864983	6 132974948 132996547	0.159567	-1.19	0.787740	-1.08	0.913663	1.02
PHF7	PHD finger protein 7 isoform X1	2 107690256 107701723	0.159646	-1.27	0.996330	1.00	0.363937	-1.20
LOC102144707	calcium-binding mitochondrial carrier pro	1 118698919 118752038	0.159710	-1.42	0.536457	1.33	0.441385	1.25
KIAA1524	protein CIP2A isoform X1	2 163614644 163653079	0.159710	-1.52	0.855131	-1.14	0.498446	1.27
G2E3	G2/M phase-specific E3 ubiquitin-protein	7 94459110 94495476	0.159710	-1.55	0.271093	1.76	0.422000	1.34
SNED1	sushi, nidogen and EGF-like domain-cont	12 130942646 131029165	0.159754	1.58	0.655543	-1.33	0.138322	-1.69
LOC102142175		9 120255492 120289148	0.159774	1.94	0.306259	-2.27	0.271206	-1.83

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
C9H10orf95	LOW QUALITY PROTEIN: uncharacterized	9 101455104 101456057	0.159774	1.78	0.695370	-1.44	0.492448	-1.42
CSTF3	cleavage stimulation factor subunit 3	14 34282440 34361559	0.159774	-1.18	0.516909	1.15	0.946097	1.01
GNPDA2	glucosamine-6-phosphate isomerase 2 isoform	5 44579934 44599189	0.159774	-1.36	0.388442	1.38	0.236241	1.34
HES1	transcription factor HES-1	2 3406151 3408011	0.159807	1.29	0.390165	1.31	0.628419	1.11
DGKA	diacylglycerol kinase alpha isoform X1	11 54839459 54857035	0.159807	1.25	0.160249	-1.42	0.983311	-1.00
MRPS30	28S ribosomal protein S30, mitochondrial	6 45576881 45583113	0.159807	-1.20	0.714613	1.10	0.341441	1.15
EXOG	nuclease EXOG, mitochondrial isoform X1	2 93399838 93426429	0.159807	-1.21	0.741684	1.10	0.994367	1.00
PRKCI	protein kinase C iota type	2 74442108 74524976	0.159807	-1.25	0.860222	1.07	0.943942	-1.02
LOC102121606	galactoside 2-alpha-L-fucosyltransferase 2	19 49533725 49534846	0.159838	4.54	1.000000	1.83	0.732063	1.38
LOC107127804		16 33930962 33943400	0.159838	2.42	0.796878	1.37	0.616218	-1.43
ARHGAP23	rho GTPase-activating protein 23	16 49903197 49989482	0.159838	1.32	0.086271	1.67	0.802958	-1.07
LOC102132042	multivesicular body subunit 12A-like isoform	0 766 1755	0.159838	1.19	0.088755	-1.37	0.434960	1.12
BRD7	bromodomain-containing protein 7 isoform	20 38126355 38176710	0.159838	1.11	0.950491	-1.01	0.670846	-1.04
ANKRD10	ankyrin repeat domain-containing protein 10	17 93267620 93302810	0.159838	-1.31	0.812352	1.11	0.718562	-1.09
RAD54L	DNA repair and recombination protein RAD54L	1 181219709 181251014	0.159838	-1.53	0.297373	-1.69	0.892061	1.06
LOC102125719		11 66516625 66606899	0.159838	-2.97	0.701667	1.88	0.773059	-1.32
HNRNPA3	heterogeneous nuclear ribonucleoprotein A3	12 66165178 66171341	0.159848	-1.20	0.954060	1.02	0.514270	1.11
IQCG	IQ domain-containing protein G isoform 2	0 82148 138175	0.160042	1.27	0.564636	-1.21	0.863309	1.04
GTF2E2	transcription initiation factor IIE subunit beta	8 31150873 31232064	0.160042	-1.15	0.141819	-1.26	0.378202	-1.11
LOC102140483	zinc finger protein 83 isoform X2	19 53286367 53317641	0.160042	-1.15	0.973924	-1.01	0.148557	1.18
CHD6	chromodomain-helicase-DNA-binding protein 6	10 73045030 73192282	0.160119	1.19	0.923603	1.03	0.721109	1.06
CYS1	cystin-1	13 100888466 100912748	0.160159	1.78	0.329247	1.97	0.622939	-1.28
TSR2	pre-rRNA-processing protein TSR2 homolog	X 53547989 53552130	0.160248	1.13	0.613163	-1.09	0.316988	-1.11
LOC102135544		4 68853784 68916498	0.160248	-2.89	0.729637	-1.88	0.573876	-1.75
EEFSEC	selenocysteine-specific elongation factor isoform	11 88791797 89045666	0.160360	1.13	0.651172	-1.09	0.681090	-1.05
LOC107127466		14 126156330 126169370	0.160362	2.25	0.907411	-1.19	0.350402	-1.87
DNAIL1	dynein intermediate chain 1, axonemal isoform	15 44607355 44673148	0.160371	5.01	0.935829	-1.29	0.424357	-2.97
LENG9	LOW QUALITY PROTEIN: leukocyte recombination	19 55378796 55380220	0.160588	1.24	0.935376	-1.03	0.308068	1.20
STX1B	syntaxin-1B	20 29649985 29668988	0.160660	1.94	0.764208	1.38	0.464788	-1.52
HHEX	hematopoietically-expressed homeobox protein	9 91188902 91193658	0.160769	-1.14	0.221333	1.21	0.136814	1.17
SLC16A10	monocarboxylate transporter 10	4 14997015 15134824	0.160769	-3.03	0.924840	1.21	0.372789	-2.26
LOC102116067	protein SCO1 homolog, mitochondrial	16 10859045 10873164	0.160892	-1.10	0.359450	-1.12	0.079288	1.14
NHLRC3	NHL repeat-containing protein 3	17 18333982 18343258	0.160922	-1.31	0.736234	1.15	0.277797	1.27
DTYMK	thymidylate kinase isoform X4	12 131656905 131667967	0.160922	-1.37	0.299648	-1.48	0.904319	-1.04
LOC102129453	cancer/testis antigen family 45 member A	X 132700849 132705033	0.160922	-2.76	1.000000	1.07	0.378526	-2.23
LOC102132668		5 137570354 138121172	0.160974	2.22	0.967343	1.07	0.985102	1.02
RTKN	rhotekin isoform X1	13 35470516 35485974	0.161021	-1.38	0.746508	-1.17	0.387353	-1.26
ZMIZ1	zinc finger MIZ domain-containing protein 1	9 56313409 56489409	0.161130	1.15	0.893715	1.03	0.928154	-1.01
IKZF2	zinc finger protein Helios isoform X4	12 102542281 102689778	0.161130	-1.37	0.889183	1.08	0.297705	1.30
KRT8	keratin, type II cytoskeletal 8	11 51733869 51741366	0.161232	-1.68	0.991729	1.01	0.427354	-1.41
ZSCAN10	zinc finger and SCAN domain-containing protein 10	20 3354021 3357875	0.161256	2.62	0.979788	1.05	0.061554	-4.02
HEPHE1	hephaestin-like protein 1 isoform X2	14 89906769 89986403	0.161326	3.30	0.601688	2.00	0.345608	2.11
LOC102145847	lipoygenase homology domain-containing protein	8 55663371 55808197	0.161326	2.95	0.795948	1.61	0.814672	-1.28
PDE4B	cAMP-specific 3',5'-cyclic phosphodiesterase 4B	1 160988172 161436461	0.161326	1.31	0.157309	1.53	0.267232	1.27
DCLRE1A	DNA cross-link repair 1A protein	9 113010754 113028393	0.161326	-1.17	0.943943	-1.02	0.322448	1.14
PPTC7	protein phosphatase PTC7 homolog	11 114154001 114198951	0.161326	-1.25	0.448294	1.24	0.852254	1.04
PIRT	phosphoinositide-interacting protein	16 11002091 11002504	0.161398	3.42	0.297373	5.85	0.769091	-1.40
LOC102138090	ribosomal RNA-processing protein 7 homolog	10 8465282 8472233	0.161583	-1.18	0.598634	-1.13	0.965144	-1.01
RNF225	LOW QUALITY PROTEIN: RING finger protein	19 58997551 58999212	0.161674	6.50	1.000000	-1.08	1.000000	2.26
ICAM4	intercellular adhesion molecule 4	19 10563775 10564866	0.161786	1.63	0.205450	2.03	0.050002	-2.03
GFM2	ribosome-releasing factor 2, mitochondrial	6 72934840 72979469	0.161786	-1.14	0.874543	1.04	0.454421	-1.09
ELOVL1	elongation of very long chain fatty acids protein 1	1 184254284 184255972	0.161853	-1.17	0.557839	-1.13	0.117250	-1.21
RAB21	ras-related protein Rab-21	11 70834385 70866185	0.161853	-1.29	0.242505	1.41	0.476332	1.16
SETD4	SET domain-containing protein 4 isoform	3 10719419 10743069	0.162027	-1.21	0.286869	-1.27	0.397547	-1.14
GDE1	glycerophosphodiester phosphodiesterase 1	20 18869112 18890648	0.162303	-1.14	0.338577	-1.17	0.851904	-1.02
METTL21A	protein N-lysine methyltransferase METTL21A	12 97185739 97230802	0.162303	-1.34	0.917974	1.06	0.544684	1.16
HOXA9	homeobox protein Hox-A9	3 93562798 93564664	0.162303	-1.70	0.447947	-1.66	0.925871	1.06
BTN3A1	LOW QUALITY PROTEIN: butyrophilin 3 class 1 member A1	4 144131551 144140721	0.162386	1.27	1.000000	-1.00	0.493550	1.15
SPP1	osteopontin	5 87082940 87088968	0.162715	3.16	0.169282	-5.97	0.462395	2.04
NTRK1	high affinity nerve growth factor receptor tyrosine kinase	1 94819451 94840644	0.163071	1.72	0.152351	-2.37	0.511042	1.33
ALDH1L1	cytosolic 10-formyltetrahydrofolate dehydrogenase	2 146166932 146224379	0.163071	1.59	0.141144	-2.12	0.180751	-1.63
KIAA1328	protein hinderin isoform X2	18 44815572 45200676	0.163071	1.20	0.451097	1.19	0.849649	-1.03
GLTP	glycolipid transfer protein isoform X3	11 33580 63725	0.163071	-1.18	0.966516	-1.02	0.767818	-1.05
LOC102119106		5 109219157 109276489	0.163071	-3.48	1.000000	2.36	0.761511	-1.36
ZNF644	zinc finger protein 644 isoform X1	1 136296313 136361998	0.163377	-1.29	0.414334	1.30	0.367045	1.21
GGACT	gamma-glutamylaminocyclotransferase isoform	17 83136059 83181728	0.163417	-1.18	0.458307	1.17	0.023581	-1.31
GPRC5D	G-protein coupled receptor family C group 5 member D	11 13540888 13551412	0.163419	-1.96	0.901660	1.17	0.566852	-1.40
CUL5	LOW QUALITY PROTEIN: cullin-5	14 104047536 104153768	0.163535	-1.34	0.329312	1.41	0.446146	1.21
LOC102125109	aspartate-rich protein 1-like	10 13560 23153	0.163631	3.47	1.000000	-1.32	0.979515	-1.03
LOC102139757		X 71095570 71126114	0.163737	-1.28	0.640338	1.17	0.828839	-1.05
VANGL2	vang-like protein 2	1 91240255 91249921	0.163781	1.36	0.965551	-1.03	0.783638	1.08
DPH6	diphthine--ammonia ligase	7 12152703 12333138	0.164163	-1.16	0.950616	1.02	0.826952	1.03
MFAP3L	microfibrillar-associated protein 3-like isoform	5 169196727 169232898	0.164163	-1.39	0.968970	-1.03	0.993285	-1.00
TMEM202	transmembrane protein 202 isoform X2	7 50230831 50241997	0.164441	1.83	0.651878	1.43	0.705058	-1.20
E2F6	E2F transcription factor 6	13 99518910 99537158	0.164537	-1.22	0.386040	1.25	0.605589	-1.10
PAK6	serine/threonine-protein kinase PAK 6 isoform	7 17068514 17080769	0.164752	1.87	0.352499	-2.04	0.170171	-1.99
LOC107127362		1 168825735 168829163	0.164771	1.31	0.359450	1.35	0.387118	-1.21
GUCY1A2	guanylate cyclase soluble subunit alpha-2	14 102727406 103055285	0.164806	-1.41	0.613389	1.27	0.110915	1.52
PSMA7	proteasome subunit alpha type-7	10 94106248 94113037	0.164951	-1.18	0.533051	-1.15	0.945867	1.01
RHOQ	rho-related GTP-binding protein RhoQ isoform	13 63801876 63839860	0.165154	-1.42	0.897619	1.08	0.990548	1.00
PPP1R14B	protein phosphatase 1 regulatory subunit 14B	14 10306587 10308474	0.165255	-1.48	0.811935	-1.16	0.799839	1.10
GP2	glycerol-3-phosphate dehydrogenase, mitochondrial	12 45245740 45352603	0.165726	-1.31	0.835443	1.10	0.566174	1.14
LOC102134495		1 38476054 38507358	0.165921	-1.55	0.271883	-1.79	0.034076	-1.98
LOC107130973		10 6829917 6860829	0.165921	-3.55	1.000000	-2.49	0.191881	-3.01
LOC102144615		17 56687706 56718388	0.166007	2.37	0.207297	-4.41	0.814839	-1.23
RPL5	60S ribosomal protein L5 isoform X1	1 134127603 134137914	0.166183	1.13	0.518077	-1.11	0.749562	-1.04
CKS2	cyclin-dependent kinases regulatory subunit 2	15 99986357 99991447	0.166183	-1.57	0.560019	-1.42	0.961943	1.02

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
ZNF608	zinc finger protein 608 isoform X5	6 123538359 123653615	0.166253	1.29	0.502844	-1.25	0.761252	-1.08
KLHL38	kelch-like protein 38	8 124988389 124996315	0.166260	2.30	0.950140	1.12	0.485801	1.89
BEND5	BEN domain-containing protein 5 isoform	1 178744636 178793455	0.166260	1.59	0.846842	-1.16	0.777400	1.13
ARID1B	AT-rich interactive domain-containing protein	4 63125163 63574044	0.166260	1.08	0.818934	1.03	0.182868	1.09
LOC101730657		8 96953189 96965517	0.166355	2.61	0.309562	4.69	0.713879	1.31
HAUS3	HAUS augmin-like complex subunit 3	5 2276699 2286284	0.166355	-1.36	0.948177	-1.04	0.317837	1.29
BEND6	BEN domain-containing protein 6	4 113642357 113680389	0.166442	1.48	0.205170	1.76	0.066045	-1.72
MAPK10	mitogen-activated protein kinase 10 isoform	5 85093361 85398034	0.166465	1.80	0.166985	-2.58	0.057351	-2.33
DPYSL5	dihydropyrimidinase-related protein 5	13 83937701 83989763	0.166471	4.09	1.000000	-3.16	0.920875	-1.13
STAB1	stabilin-1 isoform X1	2 107779844 107809791	0.166471	-1.67	0.829475	-1.20	0.382741	1.45
NUP54	nucleoporin p54 isoform X2	5 58334375 58366765	0.166568	-1.17	0.285818	1.23	0.177990	1.19
ETS1	protein C-ets-1 isoform X4	14 124251145 124363792	0.166612	1.38	0.929337	1.06	0.470712	1.22
RSPH4A	radial spoke head protein 4 homolog A isoform	4 20641474 20657494	0.166653	5.06	0.823449	-1.85	0.946055	-1.13
STXBPL5	syntaxin-binding protein 5-like isoform X1	2 150788968 151285361	0.167102	3.24	1.000000	-1.07	0.326564	-2.67
PACRG	PACRG-like protein	5 19872116 19886983	0.167102	-1.16	0.736979	1.08	0.582030	1.07
RPRD1A	regulation of nuclear pre-mRNA domain-rotatin isoform X1	18 45933259 46003616	0.167102	-1.20	0.476013	1.19	0.682286	1.07
RTTN	rotatin isoform X1	18 9906277 10100946	0.167102	-1.24	0.920707	-1.04	0.531277	1.13
B3GALNT1	UDP-GalNAc:beta-1,3-N-acetylgalactosaminyltransferase 1	2 63480219 63481214	0.167102	-1.30	0.456710	1.28	0.127117	1.36
C10H20orf196	uncharacterized protein C20orf196 homolog	10 56633906 56748093	0.167215	1.35	0.691619	1.19	0.630629	-1.14
LOC102127958	peflin	16 36752089 36752940	0.167250	2.13	0.873036	-1.23	0.946262	1.06
ACLY	ATP-citrate synthase isoform X2	16 53564115 53618807	0.167250	1.15	0.941356	1.02	0.250377	1.14
OPLAH	5-oxoprolinase	8 145687321 145701591	0.167360	1.48	0.954800	1.05	0.410700	-1.31
LOC102136881	uncharacterized protein C1orf194 homolog	0 365 4606	0.167400	3.78	0.834216	1.86	0.722259	-1.59
RMDN2	regulator of microtubule dynamics protein 2	13 72666335 72728386	0.167400	-1.47	0.321340	-1.59	0.125746	-1.58
ACSL4	long-chain-fatty-acid--CoA ligase 4 isoform	X 106764374 106795589	0.167665	-1.45	0.097252	1.96	0.368655	1.32
STK36	serine/threonine-protein kinase 36 isoform	12 108351289 108380455	0.167787	1.28	0.271539	-1.37	0.282476	-1.24
ICAM2	intercellular adhesion molecule 2	16 61331837 61335822	0.167787	1.25	0.113334	1.48	0.367739	1.19
PANX2	pannexin-2 isoform X1	10 676667 684853	0.167787	-1.68	0.956287	-1.06	0.430564	-1.43
LOC102129727	zinc finger and BTB domain-containing protein	0 638 7644	0.167823	1.46	0.903173	-1.09	0.889881	-1.05
CELSR2	cadherin EGF LAG seven-pass G-type receptor 2	1 117482539 117505265	0.167823	1.32	0.858959	-1.09	0.887906	1.04
GSPT1	eukaryotic peptide chain release factor G1	20 12148498 12195824	0.167823	-1.27	0.448753	1.26	0.783681	-1.06
CCDC18	coiled-coil domain-containing protein 18	1 133665630 133774734	0.167823	-1.44	0.470216	-1.40	0.344161	1.33
TRAF2	TNF receptor-associated factor 2 isoform	15 1373494 1401580	0.167933	1.17	0.095845	-1.33	0.697158	-1.06
HAPLN1	hyaluronan and proteoglycan link protein 1	6 81932661 81964294	0.167933	-2.05	0.516953	-1.88	0.001112	4.77
CCDC112	coiled-coil domain-containing protein 112	6 114059984 114086068	0.168074	-1.22	0.679770	1.13	0.978546	1.01
GRIK1	glutamate receptor ionotropic, kainate 1 isoform	3 16991489 17397235	0.168095	2.40	0.856639	-1.31	0.129603	2.79
KIF4B	chromosome-associated kinesin KIF4B	6 154373028 154376732	0.168206	2.16	0.774796	-1.37	0.260683	2.19
UVSSA	UV-stimulated scaffold protein A	5 1349901 1388834	0.168206	1.40	0.613838	-1.28	0.034043	1.70
AP1S2	AP-1 complex subunit sigma-2 isoform X1	X 13653451 13678426	0.168206	-1.55	0.451097	1.52	0.186013	1.59
LOC102123873		17 90740605 90768723	0.168252	-1.82	0.281917	2.15	0.665987	-1.26
RAMP3	uncharacterized protein LOC101926441	3 75319838 75340460	0.168296	1.77	0.581727	1.54	0.559266	-1.35
MRPL16	39S ribosomal protein L16, mitochondria	14 14288464 14293068	0.168322	-1.12	0.529876	-1.10	0.556510	1.06
HHIPL1	HHIP-like protein 1	7 164828999 164865695	0.168322	-1.42	0.040329	-2.13	0.857296	1.06
RGS9	regulator of G-protein signaling 9	16 62346389 62442969	0.168365	1.22	0.321766	1.28	0.678970	-1.08
ERICH5	glutamate-rich protein 5 isoform X1	8 99215733 99243557	0.168494	4.15	0.593152	3.43	0.543147	-2.23
CYP2A26	cytochrome P450 2A13-like precursor	19 41373841 41380365	0.168494	2.97	0.245817	-9.56	0.294549	-3.17
VPS39	vam6/Vps39-like protein isoform X2	7 19100466 19145284	0.168494	1.15	0.901038	-1.03	0.670759	-1.05
ARAF	serine/threonine-protein kinase A-Raf	X 46022406 46031123	0.168494	1.14	0.233423	-1.20	0.070717	-1.20
CD2BP2	uncharacterized protein LOC101865010	20 28943244 28946368	0.168494	1.10	0.978273	1.01	0.579008	-1.05
LOC102119817		19 35452453 35454420	0.168494	-1.75	0.635207	1.60	0.907667	-1.08
C20H16orf58	RUS1 family protein C16orf58 homolog	20 30166096 30183938	0.168540	1.15	0.001925	-1.49	0.000002	-1.49
GRK5	G protein-coupled receptor kinase 5 isoform	9 118438933 118697855	0.168544	1.49	0.235647	1.75	0.737765	-1.13
RPL39	60S ribosomal protein L39 isoform X1	X 116513847 116518943	0.168544	1.22	0.453986	-1.21	0.131268	-1.26
SCFD1	sec1 family domain-containing protein 1 isoform	7 94501350 94604166	0.168544	-1.22	0.908262	1.04	0.369173	1.16
SLFN13	schlafen family member 13 isoform X2	16 31810634 31815712	0.168549	-1.42	0.732975	-1.20	0.655327	1.15
FAN1	fanconi-associated nuclease 1 isoform X1	7 7621239 7654970	0.168587	1.57	0.950025	1.06	0.548174	-1.27
LOC102119291		16 21152841 21161938	0.168653	3.09	0.003161	-67.54	0.804185	-1.30
CEP70	centrosomal protein of 70 kDa isoform X1	2 40636196 40735144	0.168653	-1.19	0.140985	-1.32	0.158093	-1.21
CCDC91	coiled-coil domain-containing protein 91	11 28905596 29281292	0.168653	-1.25	0.199469	1.40	0.931369	1.02
CAGE1	cancer-associated gene 1 protein homolog	4 163575191 163638305	0.168726	2.18	0.893639	-1.21	0.957306	-1.05
C20H16orf54	transmembrane protein C16orf54 homolog	20 28207974 28208648	0.168726	1.32	0.094740	-1.66	0.884135	-1.04
ALKBH3	alpha-ketoglutarate-dependent dioxygenase	14 23667797 23712889	0.168726	1.16	0.235647	-1.24	0.623647	-1.07
SFSWAP	splicing factor, suppressor of white-apricot	11 136187527 136284191	0.168726	1.15	0.978827	-1.01	0.546746	-1.08
ERGIC1	endoplasmic reticulum-Golgi intermediate compartment 1	6 172475082 172596163	0.168808	-1.17	0.040276	1.40	0.400573	1.12
POC1B	POC1 centriolar protein homolog B isoform	11 92992858 93093459	0.168808	-1.27	0.543360	1.22	0.366576	1.20
LOC102145114		8 118204801 118208227	0.168886	2.38	0.958827	1.10	0.358504	-1.93
WDR64	WD repeat-containing protein 64 isoform	1 7643386 7803522	0.168893	2.26	0.173905	3.33	0.734133	-1.27
CNPY2	protein canopy homolog 2	11 55253622 55257668	0.168942	-1.17	0.253859	-1.24	0.339448	-1.13
C2H3orf67	uncharacterized protein C3orf67 homolog	2 114126508 114424409	0.168974	1.36	0.000362	-3.41	0.013437	-1.74
SLC25A6	solute carrier family 25 (mitochondrial carrier) member 6	0 1931 6560	0.168977	1.18	0.496440	-1.16	0.874379	-1.03
UBE2E3	uncharacterized protein LOC101864887	12 69929860 70011064	0.168977	-1.19	0.755493	1.09	0.618523	1.08
LOC102140927	LOW QUALITY PROTEIN: glucose-6-phosphate dehydrogenase 1	6 66086390 66088064	0.169062	1.68	0.081238	-2.54	0.174815	-1.68
GUCY2D	retinal guanylyl cyclase 1	16 8112272 8126573	0.169062	1.63	0.696639	1.31	0.626278	-1.22
SV2A	synaptic vesicle glycoprotein 2A	1 102201759 102210284	0.169256	1.75	0.432836	1.73	0.426529	-1.46
ADK	adenosine kinase isoform X4	9 60888630 61450257	0.169350	-1.25	0.944386	1.03	0.595931	1.11
ADGRA2	G-protein coupled receptor 124	8 38586426 38633503	0.169362	1.27	0.649574	1.17	0.215425	1.27
FAM206A	protein Simiate	15 28758583 28763723	0.169362	-1.18	0.979696	-1.01	0.753137	1.05
LOC102126289		6 82709431 82755025	0.169362	-1.78	0.126510	2.71	0.410712	1.52
FAM183A	protein FAM183A	1 184452220 184460604	0.169379	6.46	0.732938	-2.78	0.643280	-2.18
ACKR3	atypical chemokine receptor 3	12 126408617 126409705	0.169379	-1.31	0.135988	1.58	0.172672	-1.35
CPEB4	cytoplasmic polyadenylation element-binding protein 4	6 173548182 173614811	0.169379	-1.40	0.390027	1.44	0.514117	1.21
DCDC2B	LOW QUALITY PROTEIN: doublecortin 2	1 195798559 195804178	0.169427	1.51	0.888754	1.11	0.226082	-1.52
LOC102134899	tight junction protein ZO-3	19 3726527 3737013	0.169432	1.48	0.468030	-1.44	0.203733	-1.50
NADSYN1	glutamine-dependent NAD(+) synthetase	14 3363368 3410664	0.169432	-1.18	0.174067	-1.29	0.071058	-1.26
ZNF449	zinc finger protein 449 isoform X2	X 132295812 132310711	0.169601	-1.29	0.638796	1.18	0.298707	1.25
PGM2L1	glucose 1,6-bisphosphate synthase isoform	14 69633203 69687579	0.169669	1.54	0.426942	-1.52	0.482542	1.28
ZNF624	zinc finger protein 624	16 16195742 16232718	0.169695	-1.23	0.494657	1.20	0.863133	-1.04

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
B4GALNT4	N-acetyl-beta-glucosaminyl-glycoprotein	14 193343 203171	0.169782	1.60	0.266019	1.92	0.511524	-1.33
TCF25	transcription factor 25 isoform X1	20 78311411 78352263	0.169782	1.14	0.298708	-1.18	0.260408	-1.13
LOC107128240		19 37209733 37217448	0.169917	-1.60	0.024207	-3.25	0.040909	2.13
TRIM47	tripartite motif-containing protein 47 isofo	16 73197833 73202195	0.169929	-1.36	0.938999	-1.05	0.698878	-1.12
PRKD1	serine/threonine-protein kinase D1 isoform	7 93434880 93817368	0.170028	1.31	0.494657	1.27	0.765996	1.08
CYFIP1	cytoplasmic FMR1-interacting protein 1 is	7 736454 8211066	0.170028	-1.09	0.550148	1.07	0.627185	1.04
CX3CL1	fractalkine	0 1173 4576	0.170044	1.70	0.658921	1.40	0.442045	1.42
UNC5C	netrin receptor UNC5C isoform X2	5 94403372 94788635	0.170306	1.42	0.675744	1.24	0.388333	1.29
POLR2D	DNA-directed RNA polymerase II subunit	12 3760154 3768842	0.170372	-1.09	0.935039	1.01	0.475327	-1.05
PLPPR1	uncharacterized protein LOC101925474	15 36424395 36563720	0.170423	-2.11	0.658745	-1.58	0.017073	3.43
LOC107129632	N-acetyllactosaminide beta-1,6-N-acetylgl	4 160354652 160355593	0.170484	1.37	0.692619	1.20	0.418590	1.24
TSPAN14	tetraspanin-14 isoform X2	9 55411317 55455237	0.170484	-1.16	0.400035	1.17	0.959162	-1.01
LNP1	leukemia NUP98 fusion partner 1	2 171698545 171719292	0.170484	-1.30	0.078295	-1.62	0.471239	1.17
ZNF593	zinc finger protein 593	1 202166604 202167335	0.170484	-1.36	0.955278	-1.04	0.506967	-1.19
CARD11	LOW QUALITY PROTEIN: caspase recr	3 37918175 37973595	0.170731	1.38	0.810627	-1.13	0.458277	1.23
MAP2K7	dual specificity mitogen-activated protein	19 8407455 8416888	0.170735	1.16	0.885953	-1.04	0.825602	-1.03
FRS2	fibroblast growth factor receptor substrate	11 68624864 68631018	0.171004	-1.26	0.331145	1.31	0.367961	1.19
LOC107127062	Ig heavy chain V-I region 5-like	13 17786289 17786790	0.171029	2.30	0.521792	1.83	0.224253	1.94
PIK3IP1	phosphoinositide-3-kinase-interacting pro	10 20108379 20120358	0.171040	1.53	0.843310	1.15	0.942478	1.03
MIS18BP1	mis18-binding protein 1	7 109469151 109516905	0.171040	-1.32	0.496405	1.28	0.044797	1.51
LOC107129228		3 93611757 93614203	0.171203	1.50	0.883028	-1.12	0.800139	-1.11
NFIC	uncharacterized protein LOC101925835	19 3324422 3429165	0.171203	1.27	0.932991	1.04	0.423916	1.18
LOC107130343		7 155479033 155483002	0.171203	-3.23	0.854975	1.51	0.187678	3.59
EMX2	homeobox protein EMX2 isoform X1	9 116763927 116768889	0.171291	6.42	1.000000	6.14	1.000000	-8.70
SPOCD1	SPOC domain-containing protein 1 isoform	1 196225872 196253332	0.171291	2.29	0.514296	-2.13	0.617891	-1.48
BHMT2	S-methylmethionine--homocysteine S-me	6 77360424 77379295	0.171390	2.01	0.472694	1.95	0.533119	-1.47
CD3D	T-cell surface glycoprotein CD3 delta cha	14 114319611 114323875	0.171474	1.41	0.144319	-1.76	0.731991	1.11
FAM110B	protein FAM110B	8 59267326 59268438	0.171474	1.34	0.402053	-1.36	0.733321	-1.11
RPS9	40S ribosomal protein S9	19 55068603 55075022	0.171474	1.18	0.811472	-1.07	0.936453	1.01
FHAD1	forkhead-associated domain-containing pr	1 213122056 213278711	0.171485	1.36	0.896962	1.08	0.391624	-1.26
CFB	complement factor B	4 138901373 138907167	0.171685	1.73	0.840825	1.21	0.682835	-1.23
ZNF154	zinc finger protein 154	19 58342802 58350539	0.171820	1.26	0.020611	-1.74	0.638666	1.11
TFB2M	dimethyladenosine transferase 2, mitocho	1 2773052 2803777	0.171857	-1.21	0.953371	1.02	0.631366	1.08
ORC5	origin recognition complex subunit 5 isofo	3 136490637 136574085	0.171857	-1.14	0.363109	-1.16	0.396987	1.10
CCNE1	G1/S-specific cyclin-E1 isoform X1	19 30027176 30037573	0.171857	-1.47	0.350692	-1.57	0.413884	1.31
LOC102138390	DIS3-like exonuclease 2	12 22952 30927	0.171915	-1.27	0.608576	-1.18	0.014581	-1.50
SLC43A3	solute carrier family 43 member 3	14 16197893 16216553	0.171915	-1.41	0.976357	-1.02	0.455829	-1.24
LOC102115630	LOW QUALITY PROTEIN: killer cell in	19 432 3097	0.172096	-2.32	0.849440	1.75	0.167502	3.11
GBAS	protein NipSnap homolog 2	3 64256817 64295729	0.172366	1.15	0.986857	1.00	0.744806	1.04
FTL	ferritin light chain isoform X1	19 49789650 49791198	0.172379	-1.35	0.325728	-1.44	0.723997	1.10
XAB2	pre-mRNA-splicing factor SYF1	19 7951369 7961916	0.172537	1.17	0.893197	-1.04	0.528623	-1.09
TRIM31	LOW QUALITY PROTEIN: E3 ubiquitin	4 140851217 140860660	0.172561	2.49	0.979469	1.05	0.977346	-1.03
LOC107128785		2 24136621 24266011	0.172561	-1.60	0.834460	1.18	0.934082	1.04
LOC107130871	cytochrome P450 2C3-like	9 93808144 93816617	0.172568	2.66	0.910226	-1.21	0.108160	-3.68
ICAM5	intercellular adhesion molecule 5	19 10566776 10573505	0.172568	1.75	0.616777	1.48	0.502519	-1.39
ZMYND19	zinc finger MYND domain-containing pro	15 672453 679959	0.172693	-1.28	0.601122	-1.20	0.852340	-1.05
ITM2C	integral membrane protein 2C	12 120670229 120683282	0.172825	1.31	0.529876	1.26	0.177865	1.34
NR1D2	nuclear receptor subfamily 1 group D mem	2 23436616 23469640	0.172955	1.38	0.414334	1.39	0.105798	1.50
IGF1R	insulin-like growth factor 1 receptor isofo	7 79450679 79762853	0.173019	1.29	0.306991	1.38	0.904319	-1.03
CCT6A	T-complex protein 1 subunit zeta	3 64180126 64191338	0.173019	-1.23	0.831479	1.08	0.520090	1.12
DYNLT1	dynein light chain Tctex-type 1	4 65051146 65058717	0.173019	-1.25	0.861177	-1.07	0.877113	1.03
LOC102138711		2 159199730 159230005	0.173127	-1.78	0.806627	-1.42	0.794854	1.18
LOC102131817		7 114067409 114069265	0.173164	2.68	0.811782	-1.47	0.773059	1.31
ZBTB8A	zinc finger and BTB domain-containing p	1 195379012 195391782	0.173164	1.28	0.591223	1.20	0.332791	1.22
PTRF	polymerase I and transcript release factor	16 54142980 54165737	0.173164	1.25	0.229741	1.38	0.855197	-1.04
POFUT1	uncharacterized protein LOC101926410	10 63535945 63568928	0.173187	1.16	0.387726	-1.18	0.361389	1.12
MLXIP	MLX-interacting protein	11 126130479 126342602	0.173291	1.17	0.914011	-1.03	0.267232	1.16
SLC25A26	S-adenosylmethionine mitochondrial carri	2 121815586 121976579	0.173322	1.18	0.456277	-1.17	0.081596	-1.24
GLT8D1	glycosyltransferase 8 domain-containing p	2 107993191 107999192	0.173336	1.09	0.704442	-1.05	0.845934	-1.02
CCR1	C-C chemokine receptor type 1	2 101213959 101215026	0.173356	-1.75	0.827976	-1.23	0.887420	-1.08
ARHGAP25	rho GTPase-activating protein 25 isoform	13 41163203 41254241	0.173380	1.25	0.701682	-1.14	0.203285	1.26
WDR4	tRNA (guanine-N(7))-methyltransferase	3 3889942 3921610	0.173380	-1.29	0.658413	-1.18	0.380712	1.21
LOC107130904		9 121310831 121315356	0.173474	1.81	0.886381	1.18	0.063333	-2.44
ATP8B2	phospholipid-transporting ATPase ID isofo	1 97476697 97499595	0.173474	1.33	0.991570	1.01	0.231462	1.32
RAB11B	uncharacterized protein LOC101926365	19 8769957 8784905	0.173520	1.19	0.870019	-1.05	0.401356	-1.13
SHFM1	26S proteasome complex subunit DSS1	3 115272104 115294019	0.173520	-1.16	0.489437	-1.14	0.400981	-1.11
ZNF474	zinc finger protein 474	6 121096234 121097328	0.173681	4.68	1.000000	-3.90	0.638586	-1.85
LOC102133268	ATP-binding cassette sub-family A memb	20 20611161 20774496	0.173681	2.87	0.324204	-3.72	0.703870	-1.40
LOC102140330		2 55792665 56010766	0.173681	1.97	0.019803	5.53	0.714419	-1.27
RETSAT	all-trans-retinol 13,14-reductase	13 24102034 24112660	0.173681	1.30	0.973810	-1.02	0.059326	-1.45
ADCY3	adenylate cyclase type 3 isoform X3	13 86002432 86116596	0.173681	1.25	0.889605	1.06	0.098594	1.33
PDE7A	high affinity cAMP-specific 3',5'-cyclic ph	8 66931550 67056822	0.173681	-1.27	0.662458	-1.16	0.592005	1.12
SERPINB1	leukocyte elastase inhibitor	4 168227531 168234647	0.173809	-1.62	0.440949	1.62	0.551381	-1.29
VCAM1	vascular cell adhesion protein 1	1 126068366 126086679	0.173822	1.74	0.696630	1.38	0.550826	-1.34
LOC102136705		10 62744405 62746966	0.173965	-3.10	1.000000	-1.16	0.802868	1.30
VWA3A		20 20912470 20989750	0.174280	1.31	0.160541	1.55	0.955020	1.02
ZNF318	zinc finger protein 318	4 127195089 127229639	0.174280	1.11	0.441567	-1.11	0.679130	-1.04
CAMSAP2	calmodulin-regulated spectrin-associated	1 59099366 59214539	0.174280	-1.30	0.104267	1.60	0.545004	1.15
GZMB	granzyme B	7 88406089 88409285	0.174330	1.30	0.523602	-1.25	0.092135	1.41
TBL1X	F-box-like/WD repeat-containing protein	X 7310172 7376125	0.174363	1.36	0.954085	-1.04	0.935670	-1.03
NOVA2	RNA-binding protein Nova-2	19 46851088 46866463	0.174366	1.42	0.298708	1.56	0.782604	-1.10
DNMT3B	DNA (cytosine-5)-methyltransferase 3B is	10 64152373 64182279	0.174422	1.23	0.425170	-1.23	0.118738	1.28
RSU1	ras suppressor protein 1 isoform X2	9 17111942 17359028	0.174422	-1.27	0.924840	1.04	0.536393	1.14
ANPEP	aminopeptidase N	7 70041951 70064465	0.174422	-1.61	0.755091	1.26	0.297151	-1.52
TESC	calcineurin B homologous protein 3 isofo	11 120811008 120873589	0.174577	1.26	0.267443	-1.36	0.211429	1.27
MYO9A	unconventional myosin-Ix isoform X5	7 49638668 49870519	0.174577	1.26	0.241345	1.38	0.776574	-1.07
NDUFB3	NADH dehydrogenase [ubiquinone] 1 bet	12 90447276 90452822	0.174577	-1.16	0.277925	-1.21	0.769279	-1.04

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
TMEM206	transmembrane protein 206 isoform X4	1 70956721 71003473	0.174721	-1.21	0.885953	1.05	0.819926	-1.04
SENP6	sentrin-specific protease 6 isoform X4	4 98273798 98389090	0.174930	-1.18	0.711897	1.09	0.367213	1.13
KDM5C	lysine-specific demethylase 5C isoform X	X 52237125 52285869	0.175003	1.18	0.712257	-1.10	0.467419	1.11
CCL25	C-C motif chemokine 25 isoform X2	19 8249402 8257424	0.175117	1.62	0.685169	1.32	0.045810	-2.03
ACER3	alkaline ceramidase 3 isoform X1	14 72175997 72339382	0.175236	-1.22	0.598308	1.16	0.564173	1.11
NAA50	N(alpha)-acetyltransferase 50, NatE cataly	2 158514388 158538391	0.175236	-1.41	0.527283	1.34	0.750778	1.15
CABYR	calcium-binding tyrosine phosphorylation	18 58106342 58122729	0.175250	-1.49	0.718056	-1.24	0.253615	-1.46
ACRC	acidic repeat-containing protein isoform X	X 68614094 68651838	0.175250	-1.54	0.859355	1.14	0.482120	-1.30
PNPLA7	patatin-like phospholipase domain-contain	15 708130 799397	0.175261	1.32	0.596562	1.23	0.387339	-1.22
BPIFB1	BPI fold-containing family B member 1	10 64635193 64658967	0.175403	6.02	0.810096	2.05	0.852254	-1.39
FCRL1	Fc receptor-like protein 1 isoform X4	1 93904016 93927832	0.175403	1.87	0.367793	-2.07	0.546771	1.40
APBB1	amyloid beta A4 precursor protein-binding	14 61706667 61721904	0.175403	1.34	0.710740	1.18	0.624487	-1.14
MARK2	serine/threonine-protein kinase MARK2 is	14 10667380 10744058	0.175403	1.14	0.387833	-1.15	0.974697	-1.00
ODF2L	outer dense fiber protein 2-like isoform X	1 140907409 140946554	0.175422	-1.34	0.668124	1.20	0.613190	-1.14
BAG4	BAG family molecular chaperone regulato	8 38989149 39026508	0.175528	-1.25	0.313417	1.32	0.376955	1.18
HES2	transcription factor HES-2	1 221948056 221948996	0.175639	4.10	0.982070	-1.06	0.988773	-1.02
GAR1	H/ACA ribonucleoprotein complex subun	5 109191714 109200355	0.175694	-1.28	0.732975	1.14	0.947783	-1.02
UBE3A	ubiquitin-protein ligase E3A isoform X4	7 3342205 3410276	0.175695	-1.19	0.211565	1.29	0.736696	1.06
LOC102116649	uncharacterized protein LOC102116649	0 17352 18380	0.175727	-1.30	0.857590	-1.09	0.919832	-1.03
SLC15A4	solute carrier family 15 member 4	11 133172029 133204149	0.175734	-1.19	0.805498	-1.07	0.777898	1.05
KLHL15	kelch-like protein 15 isoform X2	X 21961288 21984231	0.175838	-1.29	0.158302	1.51	0.184729	1.31
DMXL2	dmX-like protein 2 isoform X4	7 28440327 28613400	0.175945	-1.59	0.893639	-1.12	0.653054	1.21
TGFB2	TGF-beta receptor type-2 isoform X2	2 16740658 16825933	0.175961	1.21	0.299150	1.28	0.210626	1.22
LOC107131116	uncharacterized protein LOC107131116	10 72329680 72574552	0.175996	1.87	0.130360	3.27	0.045828	-2.60
UBASH3A	ubiquitin-associated and SH3 domain-con	3 4319789 4356649	0.175996	1.35	0.027733	-1.92	0.108160	1.43
CCDC7	coiled-coil domain-containing protein 7 is	9 33069608 33257093	0.175996	-1.36	0.668137	-1.20	0.524366	-1.19
MGAT5B	alpha-1,6-mannosylglycoprotein 6-beta-N	16 74250917 74329499	0.176059	2.52	0.877408	-1.32	0.670086	1.42
KANK2	KN motif and ankyrin repeat domain-cont	19 11492708 11525574	0.176059	1.19	0.677355	1.18	0.924796	-1.03
ZNF282	zinc finger protein 282	3 182256697 182286077	0.176059	1.16	0.287522	-1.21	0.965138	1.01
PBX1P1	pre-B-cell leukemia transcription factor-in	1 96852574 96861886	0.176061	1.22	0.995971	1.00	0.379748	-1.16
SLC38A2	sodium-coupled neutral amino acid transp	11 45051416 45061593	0.176061	-1.34	0.600706	1.24	0.887420	1.04
LRP6	low-density lipoprotein receptor-related p	11 12688801 12837447	0.176068	1.42	0.896962	-1.09	0.320483	1.34
DNAJB12	dnaJ homolog subfamily B member 12 iso	9 63271978 63302307	0.176068	1.11	0.816784	-1.04	0.040991	-1.18
FAM217B	protein FAM217B	10 91853263 91854414	0.176068	-1.19	0.033740	1.49	0.016451	1.38
ZNF777	zinc finger protein 777	3 182496908 182521395	0.176159	1.15	0.573089	-1.12	0.466061	1.09
IGBP1	immunoglobulin-binding protein 1	X 67170812 67202377	0.176376	1.19	0.913808	1.04	0.232214	-1.19
ST8SIA2	alpha-2,8-sialyltransferase 8B isoform X2	7 72969776 73042074	0.176398	2.01	0.087087	3.74	0.883235	-1.10
NREP	neuronal regeneration-related protein isof	6 110454416 110479362	0.176598	-1.28	0.447137	-1.27	0.217173	1.26
TCOF1	treacle protein isoform X1	6 149706802 149745368	0.176689	1.18	0.681168	-1.10	0.471319	1.11
STAR3D3NL	MLN64 N-terminal domain homolog isofo	3 82246960 82268437	0.176689	-1.16	0.969792	1.01	0.865985	1.03
TOMM40	mitochondrial import receptor subunit TO	19 45636778 45648858	0.176920	-1.26	0.956009	1.03	0.978223	-1.01
ITM2A	integral membrane protein 2A	X 76468828 76474933	0.176926	1.42	0.329870	1.53	0.143407	1.51
SLC7A11	cystine/glutamate transporter isoform X1	5 137418612 137508923	0.177127	-1.50	0.000000	-6.62	0.064678	-1.83
IL17RB	interleukin-17 receptor B isoform X1	2 109182452 109202785	0.177149	2.04	0.326600	-2.54	0.916215	-1.08
LOC107126791	uncharacterized protein LOC107126791	11 121862744 121868323	0.177199	1.25	0.918333	-1.04	0.405926	1.17
CSRN3	cysteine/serine-rich nuclear protein 3 isofo	12 54448016 54549924	0.177199	-1.60	0.754553	1.26	0.917628	-1.05
MINA	bifunctional lysine-specific demethylase a	2 174005455 174032375	0.177418	-1.24	0.928186	1.04	0.820820	1.05
SNX21	sorting nexin-21 isoform X1	10 77501537 77508994	0.177506	-1.28	0.990598	-1.01	0.692474	-1.10
SMIM1	small integral membrane protein 1	1 224687156 224687710	0.177523	1.52	0.527892	1.45	0.265456	-1.48
VTGN1	V-set domain-containing T-cell activation	1 109511982 109604326	0.177592	1.54	0.526715	1.45	0.545958	-1.26
LOC107130545	uncharacterized protein LOC107130545	8 8073383 8082289	0.177730	-1.57	0.794970	1.21	0.392606	-1.38
LOC102120029	uncharacterized protein LOC102120029	7 95490949 95499393	0.177893	2.16	0.861904	-1.29	0.999052	1.00
LOC102140681	uncharacterized protein LOC102140681	14 112082725 112444966	0.177893	-2.40	0.366772	-2.58	0.322478	-2.11
IK	protein Red	6 139773921 139788967	0.177992	1.14	0.976537	-1.01	0.620272	-1.09
DNAAF2	protein kintoun isoform X1	7 9542 18255	0.178257	-1.23	0.861042	1.07	0.588378	1.11
CAMK2A	calcium/calmodulin-dependent protein kin	6 149572657 149638995	0.178497	1.43	0.625907	1.29	0.832721	1.08
DCAF7	DDB1- and CUL4-associated factor 7	16 60848320 60878830	0.178497	1.18	0.927990	1.03	0.560601	1.09
LOC102131474	uncharacterized protein LOC102131474	3 117745193 117890745	0.178497	-1.83	0.938287	-1.09	0.982195	1.01
ASP	uncharacterized protein LOC101926819	15 106640370 106655984	0.178497	-2.15	0.436939	2.18	0.497532	1.57
AP4E1	AP-4 complex subunit epsilon-1	7 27907355 27993808	0.178547	-1.25	0.664367	1.15	0.801507	1.06
GAN	gigaxonin	20 69585754 69647265	0.178547	-1.48	0.969357	-1.03	0.707321	1.15
SERPINA1	alpha-1-antitrypsin isoform X2	7 159411603 159432943	0.178547	-2.09	0.934798	-1.12	0.182759	2.24
SLFN14	schlafen family member 14	16 31912096 31920164	0.178573	2.71	1.000000	7.01	0.697619	-1.42
STAT6	signal transducer and activator of transcrip	11 56050040 56061725	0.178573	1.12	0.935150	-1.02	0.210219	-1.13
SOWAHD	ankyrin repeat domain-containing protein	X 116482638 116483585	0.178573	-1.33	0.453110	-1.33	0.998900	1.00
C1H1orf53	uncharacterized protein C1orf53 homolog	1 56216321 56222032	0.178573	-1.71	0.251957	2.04	0.572573	-1.30
FYTTD1	UAP56-interacting factor isoform X2	19 38693 101242	0.178589	-1.35	0.299648	1.46	0.650955	1.13
LOC107127514	uncharacterized protein LOC107127514	15 7022764 7024646	0.178689	-2.57	0.698440	1.58	0.085500	-3.06
PDIA2	protein disulfide-isomerase A2	20 275949 279817	0.178816	2.72	0.973217	1.08	0.213453	-2.96
TRIOBP	TRIO and F-actin-binding protein	10 13473988 13512829	0.178986	1.11	0.785012	1.05	0.968197	-1.00
TRAF3IP3	TRAF3-interacting JNK-activating modul	1 68333227 68358618	0.179000	1.25	0.052402	-1.60	0.213242	1.26
DNAJC30	uncharacterized protein LOC101925092	3 48343346 48344026	0.179067	1.16	0.966170	1.01	0.076236	1.23
LOC102131644	uncharacterized protein LOC102131644	4 147941571 147973820	0.179134	2.11	0.552627	1.85	0.662048	1.35
DDB1	DNA damage-binding protein 1	14 12938147 12973083	0.179348	1.15	0.686155	-1.09	0.905165	1.02
LOC102123683	uncharacterized protein LOC102123683	6 181257846 181262648	0.179430	3.01	1.000000	-1.50	0.419175	-2.22
THOC2	THO complex subunit 2 isoform X6	X 120335018 120456399	0.179430	-1.15	0.882089	1.04	0.227009	1.15
ZCWPW2	zinc finger CW-type PWWP domain prot	2 18995143 19106330	0.179430	-1.55	0.852788	1.15	0.854146	1.08
SMPDL3A	acid sphingomyelinase-like phosphodiester	4 26833564 26852709	0.179430	-1.59	0.890603	-1.12	0.096547	1.84
PCMTD2	protein-L-isoaspartate O-methyltransferas	10 96484619 96497654	0.179511	-1.23	0.941565	1.03	0.832835	-1.04
LOC102122647	putative elongation factor 1-alpha-like 3	X 83311296 83312451	0.179770	5.04	1.000000	-5.96	1.000000	-1.05
HYAL2	hyaluronidase-2	2 105565470 105567823	0.179770	1.30	0.051967	1.72	0.647245	1.11
VGLL1	transcription cofactor vestigial-like protein	X 133303721 133334765	0.179852	1.73	0.038026	4.23	0.645272	-1.24
LRRC4C	leucine-rich repeat-containing protein 4C	14 27441647 27443569	0.179852	1.51	0.763077	-1.21	0.644899	-1.19
BIN3	bridging integrator 3	8 22790823 22838723	0.179852	1.21	0.803978	1.08	0.591479	-1.10
GABPA	GA-binding protein alpha chain	3 21216732 21244844	0.179852	-1.35	0.103884	1.73	0.253615	1.33
LRRC71	leucine-rich repeat-containing protein 71 i	1 94767872 94779569	0.180038	4.86	0.965744	-1.17	0.528623	-2.46
NCKAP5L	nck-associated protein 5-like isoform X2	11 48652454 48664990	0.180328	1.14	0.185403	-1.22	0.537439	-1.07

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
NRGN	neurogranin	14 120537950 120543598	0.180357	1.43	0.618803	1.28	0.095976	-1.59
ARSL	arylsulfatase J isoform X2	5 113318982 113393944	0.180357	-1.55	0.790546	1.21	0.696683	1.17
LOC107130059		6 121055489 121089978	0.180414	6.95	1.000000	1.83	1.000000	1.02
MTMR1	myotubularin-related protein 1 isoform X	X 147630859 147706335	0.180414	1.15	0.892768	-1.03	0.359712	1.11
PRDM12	PR domain zinc finger protein 12	15 8350914 8374488	0.180414	-2.11	0.643457	-1.73	0.101594	3.91
YWHAQ	14-3-3 protein theta	13 101364587 101413681	0.180451	-1.27	0.636800	1.18	0.470304	1.17
ATP6V1F	V-type proton ATPase subunit F isoform	3 161508929 161511786	0.180453	-1.29	0.329754	-1.37	0.154558	-1.34
PTGES3	prostaglandin E synthase 3 isoform X3	11 55618419 55643772	0.180490	-1.30	0.534867	1.25	0.576608	1.14
RALGPS1	ras-specific guanine nucleotide-releasing f	15 101562480 101823641	0.180515	1.19	0.941795	1.03	0.799331	-1.04
MYH9	myosin-9	10 14938573 15004353	0.180583	1.21	0.879471	-1.05	0.101145	1.28
CADM1	cell adhesion molecule 1 isoform X6	14 111141368 111472666	0.180667	-1.21	0.501026	-1.19	0.481701	1.13
MKNK2	MAP kinase-interacting serine/threonine-p	19 1885211 1894250	0.180835	1.21	0.318130	1.27	0.756680	1.06
SUV39H2	histone-lysine N-methyltransferase SUV3	9 15397818 15421246	0.180835	-1.44	0.818118	1.15	0.967768	-1.02
LOC107128743	uncharacterized protein LOC107128743	0 1175 1615	0.180890	1.82	0.311375	-2.02	0.448125	1.49
LOC107128926	zinc finger protein 543	2 99673486 99674100	0.180890	1.78	0.966170	-1.06	0.699682	1.22
ZBTB4	zinc finger and BTB domain-containing p	16 7522559 7527099	0.180890	1.37	0.503585	1.33	0.794552	-1.08
NUDT15	probable 8-oxo-dGTP diphosphatase NUD	17 27195854 27205378	0.180890	-1.36	0.988314	1.01	0.320037	1.30
LOC107126997	ERV-BabFenv provirus ancestral Env po	12 31222579 31277814	0.180890	-2.27	0.200018	6.59	0.078204	-3.76
KAT6B	histone acetyltransferase KAT6B isoform	9 60559634 60743255	0.180946	1.27	0.735501	1.13	0.574716	1.13
PCDH10	protocadherin-10 isoform X1	5 132173372 132231347	0.181004	-1.67	0.196564	2.22	0.007394	-2.48
LOC102124188		12 105232359 105269294	0.181187	4.23	1.000000	1.41	0.950284	-1.07
DTHD1	death domain-containing protein 1	5 35897048 35963239	0.181187	2.60	0.640388	2.11	0.403173	-2.13
HOMER1	homer protein homolog 1 isoform X1	6 77675250 77810616	0.181208	1.39	0.366052	1.47	0.918440	1.04
MTIF3	translation initiation factor IF-3, mitochon	17 7246378 7260956	0.181208	-1.16	0.871496	1.05	0.848471	-1.03
GXYLT1	glucoside xylosyltransferase 1	11 40624812 40681052	0.181338	-1.26	0.426942	1.27	0.459492	1.16
CECR2	cat eye syndrome critical region protein 2	10 33193208 33406481	0.181392	1.45	0.724980	-1.22	0.129350	-1.57
PAK4	serine/threonine-protein kinase PAK 4	19 39663091 39671995	0.181392	1.32	0.596504	1.23	0.992274	-1.00
FANCG	Fanconi anemia group G protein isoform	15 44073569 44079028	0.181392	-1.17	0.175800	-1.28	0.808545	1.04
ACBD6	acyl-CoA-binding domain-containing pro	1 38240638 38462917	0.181443	-1.10	0.832551	-1.03	0.528520	1.05
LOC101925844	uncharacterized protein LOC101925844	8 38528993 38529553	0.181487	1.59	0.173592	2.21	0.568913	-1.29
TSFM	elongation factor Ts, mitochondrial isofor	11 56780079 56798952	0.181522	-1.16	0.937184	1.02	0.837182	-1.03
CD2	T-cell surface antigen CD2 precursor	1 109988106 110002704	0.181532	1.47	0.489049	-1.43	0.501787	1.26
APIAR	AP-1 complex-associated regulatory prote	5 111591040 111628800	0.181609	-1.34	0.086468	1.76	0.996453	-1.00
TLN1	talin-1 isoform X1	15 43385111 43413037	0.181669	1.21	0.888178	1.05	0.501552	1.12
CACYBP	calcyclin-binding protein isoform X1	1 32926498 32936936	0.181683	-1.13	0.440356	1.13	0.974647	1.00
TXNDC11	thioredoxin domain-containing protein 11	20 11956456 12020796	0.181784	1.09	0.831558	-1.03	0.760546	-1.03
ATP4A	potassium-transporting ATPase alpha cha	19 36002546 36018261	0.181784	-2.06	0.973972	-1.05	0.884192	-1.11
LOC102125980	zinc finger X-linked protein ZXDB-like	X 56909786 56970314	0.181813	-1.25	0.026042	1.70	0.797398	1.06
RAB33A	ras-related protein Rab-33A	X 127052925 127066662	0.181846	1.96	0.390807	2.81	0.883749	-1.11
TMEM63A	CSC1-like protein 1 isoform X2	1 84653661 84684454	0.181984	1.18	0.582723	1.14	0.976671	-1.01
C15H9orf78	uncharacterized protein C9orf78 homolog	15 9251779 9259121	0.182067	1.15	0.722039	-1.08	0.737262	1.05
ARF4	uncharacterized protein LOC101866149	2 112886167 112910319	0.182067	-1.42	0.603688	1.29	0.809976	1.09
C4H6orf132	uncharacterized protein C6orf132 homolo	4 128482227 128522739	0.182074	1.28	0.385822	1.32	0.012339	-1.57
C3H7orf43	uncharacterized protein C7orf43 homolo	3 44525500 44528979	0.182124	-1.18	0.452028	-1.18	0.533874	-1.10
TIE1	tyrosine-protein kinase receptor Tie-1 isof	1 184290824 184313578	0.182150	1.41	0.361871	1.48	0.817276	1.08
DROSHA	ribonuclease 3 isoform X8	6 32034372 32172521	0.182225	1.13	0.767899	1.06	0.865446	-1.02
NDUFAB1	uncharacterized protein LOC101866670	20 22538108 22548698	0.182225	-1.16	0.939680	-1.02	0.097883	-1.21
ATG9B	autophagy-related protein 9B	3 183703822 183712276	0.182488	1.71	0.533741	-1.64	0.353675	-1.53
LOC102138098	zinc finger protein 43	19 21928908 21963723	0.182491	-1.33	0.294494	1.45	0.135184	1.41
LOC102146964		8 7042682 7045905	0.182516	5.46	1.000000	1.90	0.226264	-3.71
CEP126	centrosomal protein of 126 kDa isoform X	14 97848515 97925514	0.182536	1.86	0.907411	-1.17	0.936748	-1.06
IRX6	iroquois-class homeodomain protein IRX	20 43200189 43205376	0.182600	2.28	0.335125	-2.86	0.397557	1.84
LOC107128271	zinc finger protein 813-like isoform X1	19 54097661 54105799	0.182600	1.41	0.887083	1.09	0.776574	1.10
CAMK4	calcium/calmodulin-dependent protein kir	6 109937881 110211180	0.182600	1.36	0.240384	-1.53	0.932729	-1.03
LOC102145582		1 209190988 209221737	0.182600	1.27	0.587836	-1.21	0.866299	1.04
KIAA0319L	dyslexia-associated protein KIAA0319-lik	1 192340587 192464591	0.182600	1.25	0.579805	-1.19	0.977740	-1.01
FAM8A1	protein FAM8A1	4 153029515 153037335	0.182600	-1.24	0.534475	1.20	0.469660	1.14
LOC102122937		14 113768287 113782526	0.182618	2.18	0.145298	-8.44	0.211313	-2.44
PIGY	phosphatidylinositol N-acetylglucosaminy	5 87664947 87665162	0.182618	-1.08	0.816409	-1.03	0.191881	1.09
PYURF	protein preY, mitochondrial	5 87665258 87667073	0.182618	-1.08	0.816409	-1.03	0.191881	1.09
DNAJC15	dnal homolog subfamily C member 15 iso	17 22202744 22290465	0.182618	-1.14	0.020340	1.38	0.748210	-1.04
GPR176	probable G-protein coupled receptor 176	7 16570600 16690676	0.182622	1.49	0.276378	-1.68	0.098673	1.66
LOC107130229		7 40957040 40960075	0.182943	-1.70	0.978502	1.03	0.877079	1.08
SLC9A4	sodium/hydrogen exchanger 4	13 6844421 6902085	0.183043	6.47	0.677538	-3.82	0.954015	-1.14
TRAPPC3	trafficking protein particle complex subun	1 191705505 191717327	0.183043	-1.14	0.375074	-1.16	0.115838	-1.17
LOC107127417	serine/arginine-rich splicing factor 8-like	14 90915746 90916558	0.183043	-1.23	0.755802	1.11	0.790193	-1.06
LHX9	LIM/homeobox protein Lhx9 isoform X1	1 56232736 56246879	0.183043	-6.20	1.000000	2.62	1.000000	-2.03
LOC102144782	HLA class II histocompatibility antigen, D	4 138123680 138129985	0.183093	1.35	0.905371	1.07	0.957565	1.02
TRAPPC4	trafficking protein particle complex subun	14 115047436 115052235	0.183157	-1.14	0.861214	-1.04	0.667700	-1.05
ANKRD13C	ankyrin repeat domain-containing protein	1 156998708 157087297	0.183157	-1.21	0.216487	1.33	0.169225	1.24
GCHFR	GTP cyclohydrolase 1 feedback regulator	7 17622136 17625830	0.183164	1.61	0.697829	1.32	0.457874	-1.36
LOC102124611		0 2738 3495	0.183164	1.39	0.775173	1.16	0.035089	-1.70
SLC22A17	solute carrier family 22 member 17 isofor	7 87067117 87072683	0.183164	1.32	0.646108	1.20	0.968076	-1.01
TMCO4	transmembrane and coiled-coil domain-cc	1 208643261 208744999	0.183164	1.14	0.218219	-1.22	0.308763	-1.12
GPBB1L1	vasculin-like protein 1	1 181913973 181946575	0.183164	1.12	0.838045	-1.04	0.352264	-1.10
AKIP1	A-kinase-interacting protein 1 isoform X2	14 58916569 58925081	0.183164	-1.17	0.991570	-1.00	0.027981	-1.29
LOC102128824	general transcription factor IIIH subunit 3	11 2059 7877	0.183164	-1.21	0.793556	-1.09	0.448740	1.13
FAM195A	LOW QUALITY PROTEIN: protein FAN	20 666175 671590	0.183164	-1.40	0.882501	-1.09	0.148820	-1.48
LOC102145495	ral-GDS-related protein-like	10 29423894 29434758	0.183164	-3.55	1.000000	1.17	0.207200	2.91
LOC102121171		1 82231106 82246694	0.183622	-1.66	0.039604	-2.97	0.031874	-2.20
LOC102142103	pleckstrin homology-like domain family E	0 5367 9544	0.183737	1.55	0.955613	-1.05	0.845812	1.08
ZSWIM8	zinc finger SWIM domain-containing prot	9 61820272 61836160	0.183737	1.13	0.761883	-1.06	0.556510	-1.07
SP140	nuclear body protein SP140 isoform X1	12 120040543 120133760	0.183748	1.53	0.913821	-1.09	0.710680	1.16
NAB1	NGFI-A-binding protein 1 isoform X1	12 79884311 79923909	0.183748	-1.30	0.272298	1.42	0.631387	1.12
NXF3	nuclear RNA export factor 3 isoform X1	X 99896992 99942207	0.183748	-1.61	0.093516	-2.50	0.194499	-1.68
FNDC3B	fibronectin type III domain-containing pro	2 76331833 76619234	0.183907	-1.35	0.596267	1.26	0.598312	1.16
LOC107129242		3 98785174 98788476	0.184033	1.64	0.615954	1.41	0.226264	-1.65

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
KLHL6	kelch-like protein 6 isoform X2	2 88167518 88234271	0.184082	1.29	0.741311	-1.14	0.151867	1.35
HSD17B6	17-beta-hydroxysteroid dehydrogenase ty	11 55738957 55754978	0.184082	-1.79	0.442809	-1.79	0.825602	1.14
LMTK3	serine/threonine-protein kinase LMTK3	19 49312171 49344321	0.184156	1.59	0.211886	2.04	0.211522	-1.63
CRISP3	cysteine-rich secretory protein 3	4 120870452 120879107	0.184156	-3.32	0.035315	14.23	0.847301	1.26
RNF40	E3 ubiquitin-protein ligase BRE1B	20 29394238 29405855	0.184198	1.11	0.484550	-1.11	0.723632	-1.04
CCDC154	coiled-coil domain-containing protein 154	20 1457082 1466829	0.184228	1.97	0.359513	2.54	0.969224	-1.03
ACER2	alkaline ceramidase 2 isoform X2	15 59293633 59332514	0.184228	1.29	0.047339	1.71	0.602609	1.13
ZNF362	LOW QUALITY PROTEIN: zinc finger p	1 194652478 194681690	0.184228	1.21	0.887889	1.05	0.975276	1.01
LOC102146836	collagen alpha-1(I) chain	15 2100552 2103486	0.184238	1.72	0.724750	-1.36	0.118738	-1.97
LOC102121346	28S ribosomal protein S36, mitochondrial	20 15174322 15175078	0.184268	-1.92	0.779474	-1.30	0.384571	-1.57
ETS2	protein C-ets-2	3 7947477 7960136	0.184425	1.29	0.061996	1.69	0.948774	-1.02
TIMP2	metalloproteinase inhibitor 2	16 76201952 76203946	0.184425	1.18	0.754393	1.09	0.746097	1.05
RAB32	ras-related protein Rab-32	4 52363385 52377838	0.184425	-1.23	0.783474	-1.10	0.586568	-1.11
NEURL3	E3 ubiquitin-protein ligase NEURL3	13 1248579 1255300	0.184504	-1.53	0.859754	-1.15	0.641064	-1.20
NPC2	epididymal secretory protein E1	7 139163810 139176972	0.184673	-1.27	0.004028	-1.96	0.186110	-1.30
LOC102136791	transducin-like enhancer protein 4 isoform	15 90304904 90459037	0.184690	-1.11	0.138742	1.21	0.053529	1.18
ZMYM2	zinc finger MYM-type protein 2 isoform	17 1407310 1501493	0.184690	-1.15	0.671579	1.09	0.741097	1.05
CTSG	cathepsin G	7 88345448 88348043	0.184697	2.45	0.000107	23.20	0.681090	-1.40
CDRT4	CMT1A duplicated region transcript 4 pro	16 15636509 15652382	0.184697	2.07	0.755853	1.42	0.734069	-1.27
DUSP4	dual specificity protein phosphatase 4	8 29811622 29824746	0.184697	1.34	0.533309	1.29	0.741699	-1.10
RFC1	replication factor C subunit 1 isoform X3	5 38912428 38989882	0.184697	1.16	0.456710	-1.16	0.626128	1.07
KCTD1	BTB/POZ domain-containing protein KC	18 55652104 55852338	0.184753	1.24	0.865661	-1.07	0.941665	1.02
LOC107130745		9 1372286 1376760	0.184833	3.46	1.000000	6.60	0.722664	1.80
LOC102136843	uncharacterized protein LOC102136843	19 49842594 49844676	0.184833	2.98	0.886381	-1.35	0.460375	-2.06
LOC102131786	Ig kappa chain V-I region Walker-like	13 18205406 18205907	0.184833	2.66	0.980344	-1.05	0.491856	1.81
HPGDS	hematopoietic prostaglandin D synthase	5 93540665 93570425	0.184833	2.53	0.701667	1.68	0.260408	2.19
PRR18	proline-rich protein 18	4 4453887 4454771	0.184833	1.88	0.848083	1.29	0.281897	1.80
LOC102127445	putative IQ motif and ankyrin repeat dom	8 145370451 145431105	0.184833	1.85	0.440356	-1.88	0.115838	-2.19
CRY2	cryptochrome-2	14 21732386 21758524	0.184833	1.44	0.709377	1.23	0.691497	-1.15
CMIP	C-Maf-inducing protein isoform X1	20 69711135 69976246	0.184833	1.35	0.827275	-1.12	0.766844	1.09
EDNRA	endothelin-1 receptor isoform X1	5 146639631 146696237	0.184833	1.26	0.319354	1.34	0.083435	1.37
KIAA0040	uncharacterized protein KIAA0040 homo	1 33125522 33125818	0.184833	1.26	0.329105	1.33	0.388818	1.19
DHX32	putative pre-mRNA-splicing factor ATP-c	9 125164487 125205164	0.184833	-1.11	0.018714	-1.28	0.009300	-1.21
APOOL	MICOS complex subunit MIC27 isoform	X 82122799 82204028	0.184833	-1.18	0.775113	1.08	0.888348	-1.02
NCR1	natural cytotoxicity triggering receptor 1 i	19 55692041 55698411	0.185295	1.40	0.829475	-1.15	0.106474	1.58
YTHDF2		1 199350622 199402820	0.185325	-1.16	0.869576	1.04	0.985794	1.00
KANK3	KN motif and ankyrin repeat domain-cont	19 8670473 8688392	0.185418	-1.46	0.312996	1.62	0.392606	-1.33
ZBTB40	zinc finger and BTB domain-containing p	1 205909993 205946700	0.185477	1.14	0.846842	-1.05	0.310932	-1.12
SNTB1	beta-1-syntrophin	8 121818874 122093902	0.185477	-1.18	0.054554	1.42	0.122339	1.23
USP15	ubiquitin carboxyl-terminal hydrolase 15	11 61430288 61576715	0.185477	-1.20	0.875846	-1.05	0.985210	-1.10
FBLN5	fibulin-5 isoform X2	7 156842168 156920736	0.185551	1.54	0.410375	1.59	0.762905	-1.03
LOC102138996	HLA class I histocompatibility antigen, B	4 139500651 139503258	0.185601	-1.58	0.383632	-1.68	0.003266	2.57
CCNF	cyclin-F	20 2520435 2552062	0.185750	-1.59	0.171504	-2.12	0.965046	-1.02
LECT1	leukocyte cell-derived chemotaxin 1 isofo	17 32041936 32077788	0.185827	4.65	1.000000	-1.06	1.000000	-1.99
ZNF594	LOW QUALITY PROTEIN: zinc finger p	16 5186746 5189973	0.185944	1.52	0.007677	3.49	0.052417	1.94
RAPGEF5	rap guanine nucleotide exchange factor 5	3 98416737 98411994	0.185944	1.31	0.028631	1.87	0.562497	1.15
LOC107128971		2 140366361 140375795	0.185944	-1.35	0.837369	1.11	0.301802	-1.30
CHIC1	cysteine-rich hydrophobic domain-contair	X 70812581 70927169	0.185944	-1.62	0.097252	2.48	0.518979	1.32
LOC107127999		17 57948488 57955286	0.185944	-2.15	0.753793	1.57	0.539920	1.66
SLC16A9	monocarboxylate transporter 9	9 76402254 76435018	0.185998	1.58	0.777541	1.23	0.855185	-1.09
GBP7	guanylate-binding protein 7	1 138057508 138102716	0.185998	-2.30	0.966616	1.10	0.420401	2.04
LOC102128794	endogenous retrovirus group V member 1	19 53776160 53777794	0.185998	-3.89	0.146297	-6.11	0.014061	15.09
SYNE2	nesprin-2 isoform X1	7 128265668 128585629	0.186077	1.31	0.947107	-1.04	0.977740	-1.01
ZSCAN25	zinc finger and SCAN domain-containing	3 43886797 43896774	0.186077	1.12	0.442546	1.12	0.618486	1.80
LOC102125820		10 23542000 23606598	0.186077	-1.17	0.631084	1.12	0.731268	1.05
TDG	G/T mismatch-specific thymine DNA gly	11 107651790 107672451	0.186172	-1.32	0.991575	-1.01	0.834287	1.06
DSP	desmoplakin isoform X2	4 163380166 163425081	0.186349	1.54	0.005415	3.31	0.030771	-2.03
LOC107129302		3 175324244 175339481	0.186459	5.95	1.000000	-2.07	1.000000	2.72
ENKUR	uncharacterized protein LOC101865858	9 25501175 25516114	0.186585	3.49	0.186213	-13.58	0.922213	1.15
ARMCX5	armadillo repeat-containing X-linked prot	X 99472788 99474464	0.186659	-1.18	0.712187	-1.10	0.377776	1.14
CLCF1	cardiotrophin-like cytokine factor 1	14 7081481 7090709	0.186659	-1.62	0.859914	-1.16	0.336072	-1.48
EDC4	enhancer of mRNA-decapping protein 4 iso	20 56079613 56091298	0.186681	1.12	0.310316	-1.15	0.326224	-1.10
KLF3	Krueppel-like factor 3 isoform X1	5 38317568 38335134	0.186681	-1.27	0.021165	1.80	0.314543	1.23
BTBD6	BTB/POZ domain-containing protein 6	7 170614352 170615854	0.186756	-1.24	0.692301	1.14	0.015500	-1.46
LSM3	U6 snRNA-associated Sm-like protein LS	11 86176403 86195232	0.186859	-1.13	0.816295	1.05	0.811482	-1.03
LOC107129271		3 137396922 137429398	0.186859	-1.42	0.886150	-1.10	0.666172	-1.15
SLC34A2	sodium-dependent phosphate transport pro	5 24871520 24886142	0.187008	1.27	0.055752	-1.66	0.247106	-1.27
CTSW	cathepsin W isoform X2	14 8630468 8634541	0.187211	1.38	0.074911	-1.86	0.000871	2.04
SH3PXD2A	SH3 and PX domain-containing protein 2	9 102671209 102921955	0.187531	1.28	0.791453	-1.11	0.266282	1.26
LOC102136378		15 19544242 19643341	0.187596	1.71	0.970213	-1.05	0.880834	1.09
LOC102130278	LOW QUALITY PROTEIN: arachidonate	16 6681096 6684729	0.187608	1.79	0.712945	-1.40	0.416222	-1.52
SLC29A4	equilibrative nucleoside transporter 4 isofo	3 40818284 40834489	0.187614	1.58	0.664154	-1.35	0.925941	1.04
KLF7	Krueppel-like factor 7 isoform X2	12 96676780 96761802	0.187614	1.17	0.038968	1.42	0.990086	-1.00
LOC107130695		8 130679603 130716610	0.187670	4.82	1.000000	1.87	0.747236	1.55
LOC102142392		1 227507174 227514066	0.187720	1.88	0.931788	-1.11	0.392606	-1.61
DEPDC7	DEP domain-containing protein 7 isoform	14 34410582 34427930	0.187720	-1.42	0.289491	1.59	0.984477	-1.01
HSD17B12	very-long-chain 3-oxoacyl-CoA reductase	14 23740027 23909399	0.188108	-1.28	0.261426	1.41	0.516428	1.16
PSMG4	proteasome assembly chaperone 4 isoform	4 167804605 167833452	0.188255	-1.23	0.530134	1.20	0.651836	-1.09
C14H1orf88	UPF0722 protein C1orf88 homolog isofo	14 107476244 107501236	0.188337	5.23	0.951651	1.24	0.665168	-1.97
LOC102124469		13 81685248 81704179	0.188337	3.19	1.000000	-4.29	0.287609	-3.81
ZNF396	LOW QUALITY PROTEIN: zinc finger p	18 46619617 46624350	0.188337	1.91	0.596555	-1.67	0.403142	1.66
BIRC5	baculoviral IAP repeat containing 5	16 75592523 75604001	0.188337	-1.57	0.419429	-1.61	0.641064	1.22
GAS2L3	GAS2-like protein 3 isoform X2	11 104371961 104402805	0.188337	-1.61	0.756266	-1.26	0.809741	1.12
DEPDC1	DEP domain-containing protein 1A isoform	1 158828116 158848840	0.188337	-1.86	0.631920	-1.54	0.310155	1.72
LOC102125614	coiled-coil-helix-coiled-coil-helix domain	12 11086945 11087400	0.188337	-2.53	0.883662	-1.27	0.975530	1.03
YWHAQ	14-3-3 protein gamma	3 47093128 47123556	0.188377	-1.35	0.828139	1.12	0.935508	1.03
WBSCR17	putative polypeptide N-acetylgalactosami	3 53565009 54189148	0.188406	1.82	0.183929	2.63	0.961943	1.03

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
LOC107128563		X 75055670 75073084	0.188406	1.71	0.816917	1.23	0.911912	-1.06
CCNJ	cyclin-J isoform X1	9 94710381 94724374	0.188406	-1.30	0.657995	1.19	0.289481	1.27
LOC102141746	calcium-binding mitochondrial carrier pro	1 118553496 118623061	0.188406	-1.87	0.837510	-1.25	0.563120	-1.41
FANCF	Fanconi anemia group F protein	14 44976012 44977136	0.188652	-1.19	0.738605	-1.10	0.028883	1.34
ABCC9	ATP-binding cassette sub-family C memb	11 22510348 22643890	0.188654	1.46	0.816518	-1.16	0.081808	1.68
CHD9	chromodomain-helicase-DNA-binding pro	20 41006081 41177361	0.188654	-1.22	0.377598	1.25	0.092702	1.30
PPIE	uncharacterized protein LOC101926324	1 188017985 188033272	0.188746	1.18	0.149512	-1.32	0.130061	-1.22
LOC102146295		4 95030378 95110959	0.188784	1.32	0.764744	1.14	0.918273	1.03
SLC9A1	sodium/hydrogen exchanger 1 isoform X1	1 201107389 201165546	0.188978	1.15	0.841277	1.05	0.041487	-1.25
KAT5	histone acetyltransferase KAT5 isoform X	14 87655048 8774129	0.189053	1.12	0.477454	-1.12	0.827627	-1.03
IRX5	iroquois-class homeodomain protein IRX	20 42797509 42800299	0.189053	-1.36	0.652908	-1.23	0.709969	1.11
NIPAL3	uncharacterized protein LOC101925184	1 203892117 203941234	0.189191	1.32	0.925158	1.05	0.957256	-1.02
LOC102141485	40S ribosomal protein SA-like	7 48177893 48178780	0.189528	1.30	0.777693	1.13	0.372758	-1.23
IGSF8	immunoglobulin superfamily member 8	1 91567937 91574569	0.189528	1.20	0.499887	-1.18	0.061206	-1.30
ATG4A	cysteine protease ATG4A isoform X1	X 105195657 105272066	0.189528	-1.12	0.786325	1.05	0.959604	-1.09
ZDHHC2	palmitoyltransferase ZDHHC2 isoform X	8 17143158 17205756	0.189528	-1.28	0.029284	1.78	0.957701	-1.02
GABARAPL1	gamma-aminobutyric acid receptor-associ	11 10554723 10564473	0.189569	1.26	0.675913	1.16	0.346199	-1.21
GPR182	G-protein coupled receptor 182	11 55946752 55947966	0.189672	1.61	0.161342	2.21	0.695505	1.20
SORL1	sortilin-related receptor isoform X2	14 117495446 117672139	0.189672	1.50	0.875846	-1.12	0.332528	1.41
SLC28A3	solute carrier family 28 member 3 isoform	15 95095244 95157375	0.189688	-1.84	0.960153	-1.07	0.288667	-1.74
CRLS1	cardiolipin synthase (CMP-forming) isofo	10 56455297 56488107	0.189697	-1.19	0.465402	1.18	0.578897	-1.09
EFCAB1	EF-hand calcium-binding domain-contain	8 49598279 49608294	0.189742	3.94	0.719899	-2.43	0.348829	-3.23
LOC102142553		1 116832210 116860683	0.190352	-3.45	1.000000	-2.15	0.871877	1.24
G3BP1	ras GTPase-activating protein-binding pro	6 151114289 151132242	0.190410	-1.35	0.552627	1.29	0.478035	1.21
RGS3	regulator of G-protein signaling 3 isoform	15 23981910 24119484	0.190415	1.17	0.359479	-1.21	0.541824	1.09
CBR4	carbonyl reductase family member 4 isofo	5 168168958 168257040	0.190518	-1.21	0.236399	-1.31	0.568664	-1.10
THAP9	DNA topoisomerase THAP9 isoform X1	5 51506904 51525725	0.190518	-1.22	0.969463	-1.02	0.395345	1.16
LOC102116690	disintegrin and metalloproteinase domain-	7 135172351 135198105	0.190671	-1.12	0.945926	-1.02	0.300133	-1.11
LOC102135027	phyloquinone omega-hydroxylase CYP4	19 16173259 16223048	0.190851	2.47	0.150662	-7.75	0.657542	1.45
RYR1	ryanodine receptor 1	19 38892018 39047010	0.190851	1.48	0.620138	1.35	0.747236	1.13
RNF14	E3 ubiquitin-protein ligase RNF14 isoform	6 141134572 141149870	0.190851	-1.28	0.393299	1.31	0.309397	1.24
LOC107129254		3 113375769 113384119	0.190851	-1.54	0.712187	1.31	0.801281	-1.12
INPP4B	type II inositol 3,4-bisphosphate 4-phosph	5 141381081 141777952	0.191496	1.35	0.859754	-1.10	0.353358	1.27
LOC107130951	Ig lambda chain V region 4A-like	10 29260049 29260526	0.191512	1.79	0.000000	27.88	0.039165	2.18
SLC40A1	solute carrier family 40 member 1 isoform	12 78728655 78746744	0.191535	1.28	0.746785	1.14	0.152729	1.34
NTN4	netrin-4 isoform X1	11 99364813 99490891	0.191635	1.32	0.763957	1.14	0.596227	-1.15
ZNF77	zinc finger protein 77	19 2886285 2900071	0.191796	1.19	0.841771	1.06	0.734809	-1.06
HOXB2	homeobox protein Hox-B2	16 33896681 33898549	0.191796	-1.31	0.335826	1.39	0.360228	1.24
TPST1	protein-tyrosine sulfotransferase 1 isoform	3 55899015 56027036	0.191847	-1.30	0.129644	-1.59	0.263957	1.28
GALNTL5	inactive polypeptide N-acetylgalactosamin	3 184675028 184730749	0.192506	-2.44	0.981826	-1.07	0.746058	-1.44
LOC102132877		19 36660238 36673181	0.192655	1.56	0.972873	-1.04	0.917769	1.05
SORBS3	vinexin isoform X1	8 22714272 22741387	0.192831	1.20	0.880087	1.05	0.403142	-1.14
PPP1R12A	protein phosphatase 1 regulatory subunit 1	11 78969445 79130702	0.192837	-1.24	0.164527	1.43	0.474043	1.15
LOC101866649	disintegrin and metalloproteinase domain-	8 40492533 40650151	0.193013	-6.44	1.000000	10.26	0.577221	2.18
TSPAN1	tetraspanin-1 isoform X1	1 181310457 181314951	0.193176	1.39	0.328141	-1.51	0.025709	-1.74
FGF11	fibroblast growth factor 11	16 7499444 7502996	0.193287	-1.65	0.284323	-1.97	0.263188	1.60
SPC25	kinetochore protein Spc25	12 57752018 57770514	0.193380	-1.69	0.597348	-1.49	0.536393	1.35
RIC8A	synembyrn-A	14 20085 25632	0.193417	1.16	0.521372	-1.14	0.491021	-1.10
PDE6H	retinal cone rhodopsin-sensitive cGMP 3'	11 15608439 15612190	0.193856	1.52	0.942662	-1.07	0.644254	1.21
TM2D3	TM2 domain-containing protein 3 isoform	7 82614165 82623686	0.194059	-1.12	0.417846	1.14	0.125047	-1.16
LOC107126872	uncharacterized protein LOC107126872	12 22533728 22534309	0.194236	1.47	0.581408	-1.37	0.857304	-1.08
ZNF584	zinc finger protein 584 isoform X1	19 59010109 59018125	0.194236	1.40	0.882501	1.10	0.791805	-1.09
RNF114	uncharacterized protein LOC101865790	10 81717549 81732814	0.194236	1.13	0.831014	1.05	0.067104	1.20
SCYL1	N-terminal kinase-like protein isoform X3	14 8952620 8967247	0.194236	1.12	0.195889	-1.19	0.217201	-1.12
UMPS	uridine 5'-monophosphate synthase	2 147384005 147398076	0.194236	-1.16	0.885024	-1.04	0.967163	1.01
LOC107129559		4 133347585 133370314	0.194236	-1.38	0.989138	-1.01	0.027619	-1.73
SOCS2	suppressor of cytokine signaling 2	11 97259382 97261655	0.194236	-1.43	0.685075	1.25	0.086944	-1.63
LOC107127575	uncharacterized protein LOC107127575 i	1 182024588 182028058	0.194236	-1.48	0.025396	-2.53	0.085517	1.72
C15H9orf64	UPF0553 protein C9orf64 homolog	15 94750779 94766498	0.194283	1.22	0.753862	-1.11	0.158093	1.26
GCGR	glucagon receptor isoform X1	16 79401163 79405514	0.194418	1.78	0.993059	-1.01	0.951616	1.04
LOC102143756	cytochrome c oxidase subunit 6B1	19 36108438 36115905	0.194436	-1.18	0.240493	-1.28	0.308842	-1.16
LOC102142765		7 133196587 133209160	0.194436	-2.15	0.781775	-1.47	0.217427	2.08
HIRIP3	HIRA-interacting protein 3 isoform X2	20 28478660 28481047	0.194486	1.17	0.915207	-1.03	0.754426	-1.05
BCL2	apoptosis regulator Bcl-2	18 17014769 17213048	0.194678	1.21	0.886039	1.05	0.239558	1.22
EMC1	ER membrane protein complex subunit 1	1 209184061 209212632	0.194800	1.35	0.817766	1.13	0.316926	1.30
SLC38A10	putative sodium-coupled neutral amino ac	16 78857381 78909189	0.194817	1.10	0.330825	-1.12	0.573876	1.05
TSC22D2	TSC22 domain family protein 2 isoform X	2 52646251 52696328	0.194885	-1.25	0.148746	1.48	0.344161	1.21
LOC102134257		16 15293010 15303525	0.194945	2.85	0.992072	1.02	0.559082	1.77
MYCL	protein L-Myc isoform X1	1 187873455 187878742	0.194945	1.34	0.848538	1.11	0.937792	-1.03
LOC102140322	membrane primary amine oxidase isoform	16 54605992 54620105	0.194945	1.25	0.096847	1.53	0.180038	1.29
MKRN1	E3 ubiquitin-protein ligase makorin-1 iso	3 173476179 173488215	0.194945	1.12	0.639478	-1.08	0.944041	-1.01
RPS29	40S ribosomal protein S29	7 113764815 113767461	0.194945	-1.20	0.834216	-1.07	0.395688	-1.15
ACRBP	acrosin-binding protein	11 6931465 6941197	0.194945	-1.51	0.869401	-1.13	0.658590	-1.19
BPTF	nucleosome-remodeling factor subunit BP	16 65049531 65200654	0.194975	1.18	0.933568	-1.03	0.298240	1.16
ENKD1	enkurin domain-containing protein 1	20 55845771 55849645	0.194997	1.39	0.505304	-1.36	0.016451	-1.82
ZNF627	zinc finger protein 627	19 11951939 11976792	0.195115	1.15	0.693459	1.09	0.237031	1.15
RAB3GAP2	rab3 GTPase-activating protein non-cataly	1 78888786 79009604	0.195173	-1.14	0.300354	1.19	0.285351	1.13
PTPRT	receptor-type tyrosine-protein phosphatase	10 73726533 74881662	0.195289	1.59	0.567865	1.44	0.533874	1.29
LOC102125303	supervillin isoform X1	9 29972280 30132764	0.195289	1.34	0.319906	1.45	0.817276	-1.07
PEX2	peroxisome biogenesis factor 2	8 78151054 78153635	0.195289	-1.13	0.655492	-1.09	0.574223	1.07
TREML1	trem-like transcript 1 protein isoform X1	4 129541001 129545704	0.195289	-1.56	0.933024	-1.08	0.533592	-1.29
SLC9A7	sodium/hydrogen exchanger 7 isoform X2	X 45016143 45161066	0.195435	1.27	0.556766	-1.22	0.220665	1.29
SMO	smoothened homolog isoform X2	3 161842713 161866667	0.195435	1.24	0.932126	-1.04	0.366576	1.18
RRP9	U3 small nucleolar RNA-interacting prote	2 107187687 107196570	0.195435	-1.18	0.182587	1.32	0.716275	1.06
LOC102119046		9 116481538 116487247	0.195435	-1.85	0.909241	1.14	0.484771	-1.50
CTDP1	RNA polymerase II subunit A C-terminal	18 523892 599083	0.195436	1.12	0.675495	-1.08	0.825678	1.03
SBK1	serine/threonine-protein kinase SBK1	20 27204096 27277364	0.195529	1.57	0.444623	-1.59	0.464788	1.33

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
TSTD1	thiosulfate sulfurtransferase/rhodanese-lik	1 90617202 90618380	0.195531	1.46	0.915908	-1.08	0.407797	-1.32
LOC102137203		3 131504232 131535104	0.195531	-2.76	0.439229	-3.91	0.263970	-2.78
GALNT7	N-acetylgalactosaminyltransferase 7 isofo	5 172399751 172551624	0.195544	-1.30	0.948945	-1.04	0.692874	1.11
C1GALT1	glycoprotein-N-acetylgalactosamine 3-bet	3 113858146 113945793	0.195604	-1.59	0.619331	1.40	0.801507	1.13
CRTC3	CREB-regulated transcription coactivator	7 70920996 71035075	0.195740	1.10	0.781775	1.04	0.953862	-1.01
C13H2orf48	LOW QUALITY PROTEIN: uncharacteri	13 100763610 100841337	0.195825	-1.62	0.712257	1.30	0.056380	-2.05
LRRC73	leucine-rich repeat-containing protein 73	4 127049417 127051963	0.195871	1.58	0.889605	-1.13	0.261345	-1.56
SPTBN1	spectrin beta chain, non-erythrocytic 1 iso	13 55397413 55542014	0.195923	1.34	0.228448	1.54	0.751424	1.09
LOC102120146		6 151228470 151248062	0.196227	-2.31	0.896310	1.25	0.181691	-3.30
USP51	ubiquitin carboxyl-terminal hydrolase 51	0 3590 5947	0.196281	1.32	0.599498	-1.23	0.479872	1.19
OST4	dolichyl-diphosphooligosaccharide--prote	13 83805596 83805709	0.196324	-1.22	0.613489	-1.16	0.968056	1.01
DCAF5	DDB1- and CUL4-associated factor 5 iso	7 133592417 133698530	0.196329	1.13	0.386907	-1.15	0.257041	-1.12
PNN	pinin	7 103162275 103168788	0.196329	-1.16	0.843317	1.05	0.424357	-1.11
LOC102121743	aldo-keto reductase family 1 member B10	3 167464604 167477234	0.196330	-1.66	0.550920	-1.50	0.053427	-1.93
PBK	lymphokine-activated killer T-cell-origina	8 28258502 28275994	0.196330	-1.85	0.807442	-1.29	0.722327	1.23
TMEM155	protein TMEM155 isoform X2	5 120732398 120735935	0.196360	1.81	0.064849	3.47	0.464491	1.47
PSMD7	26S proteasome non-ATPase regulatory s	20 58278485 58286806	0.196383	-1.14	0.911281	-1.03	0.740794	-1.04
SMARCAD1	SWI/SNF-related matrix-associated actin-	5 93454604 93536065	0.196518	-1.27	0.751805	1.13	0.419921	1.19
ANAPC4	anaphase-promoting complex subunit 4 is	5 24571634 24612746	0.196778	-1.15	0.760138	1.07	0.940615	1.01
ATP13A3	probable cation-transporting ATPase 13A	2 3066342 3125060	0.196778	-1.56	0.915878	1.10	0.952706	1.03
IQUB	IQ and ubiquitin-like domain-containing p	3 156256185 156317111	0.196780	1.25	0.675495	-1.15	0.979515	-1.01
CAMK2G	calcium/calmodulin-dependent protein kin	9 61745245 61805684	0.196793	1.27	0.623971	1.19	0.800915	1.06
ZFP30	zinc finger protein 30 homolog isoform X	19 38045834 38059696	0.196793	-1.31	0.966632	-1.03	0.723789	-1.10
DDX11	probable ATP-dependent RNA helicase D	11 9745339 9775077	0.196793	-1.34	0.114284	-1.71	0.751155	1.10
MAATS1	protein MAATS1	2 152433855 152479311	0.196849	1.80	0.321793	2.41	0.479109	-1.53
LOC102130691		1 132105830 132257363	0.196849	-1.54	0.132715	-2.08	0.439516	-1.32
LOC102117020	uncharacterized protein LOC102117020	4 142932981 142974946	0.196930	-1.40	0.573361	-1.29	0.672648	-1.14
RBM47	RNA-binding protein 47 isoform X3	5 40134935 40147486	0.197070	-1.18	0.266220	-1.26	0.293822	-1.17
LOC102146102	myosin-8	16 10564366 10594198	0.197098	3.66	0.889523	1.24	0.113601	-2.94
VPREB3	pre-B lymphocyte protein 3	0 185575 187068	0.197098	2.42	0.675303	-1.83	0.817924	1.24
LOC102129925	LOW QUALITY PROTEIN: heat shock c	3 26339939 26342170	0.197098	2.30	0.971551	-1.06	0.620711	-1.42
MUTYH	A/G-specific adenine DNA glycosylase is	1 182191511 182203697	0.197098	1.31	0.884567	1.08	0.725799	-1.10
LOC102121276		0 7 2308	0.197098	1.29	0.223426	-1.48	0.366096	-1.22
HSD11B2	corticosteroid 11-beta-dehydrogenase iso	20 55588228 55595660	0.197098	-1.60	0.030466	3.03	0.657718	-1.22
HEPACAM	hepatocyte cell adhesion molecule isoform	14 120710175 120724740	0.197180	2.46	0.354857	3.22	0.642964	-1.47
GSTA3	glutathione S-transferase alpha 3	4 117826367 117834191	0.197192	1.86	0.131806	-3.03	0.885010	1.10
SF3B2	splicing factor 3B subunit 2 isoform X4	14 8430760 8448243	0.197192	1.13	0.649812	-1.09	0.700377	1.05
LOC101866390	uncharacterized protein LOC101866390	3 64238757 64243619	0.197192	-1.15	0.329312	1.20	0.855596	1.03
CFAP161	uncharacterized protein C15orf26 homolo	7 59637709 59651512	0.197362	5.64	0.593839	5.23	0.634038	-2.19
CD1A	T-cell surface glycoprotein CD1a isoform	0 44118 59272	0.197365	2.08	0.136482	3.73	0.713543	-1.30
SMCO2	single-pass membrane and coiled-coil dor	11 28154662 28188338	0.197418	-1.64	0.073984	-2.70	0.321587	-1.54
LOC102141107		17 2509935 2519159	0.197525	4.57	1.000000	1.88	1.000000	-1.68
LOC102131138		14 8121639 8157294	0.197560	2.82	0.972407	-1.07	0.427272	-1.90
CHRNA2	neuronal acetylcholine receptor subunit al	8 27903115 27912940	0.197560	1.77	0.005487	-4.70	0.107014	-2.08
LOC102138258	LOW QUALITY PROTEIN: fructose-bis	X 70763829 70764924	0.197560	-2.24	0.004275	-10.33	0.217202	-2.34
C7H14orf166	UPF0568 protein C14orf166 homolog	7 116169240 116183966	0.197826	-1.17	0.649211	-1.11	0.622637	1.07
FAM216A	protein FAM216A	11 114076497 114098413	0.197869	-1.30	0.862552	1.09	0.930928	1.03
FOXN3	forkhead box protein N3 isoform X8	7 154093025 154347607	0.197962	1.22	0.878397	1.06	0.309093	1.20
PIK3CD	phosphatidylinositol 4,5-bisphosphate 3-ki	1 218514794 218532450	0.198053	1.23	0.320123	-1.31	0.159864	1.28
TKTL1	transketolase-like protein 1	X 151194217 151226204	0.198090	-1.79	0.256246	2.34	0.502621	-1.43
WFDC1	WAP four-disulfide core domain protein	20 72577932 72622557	0.198382	1.71	0.242173	2.20	0.678291	-1.24
RHBDF2	inactive rhomboid protein 2	16 73852591 73862837	0.198382	-1.34	0.537855	-1.29	0.817975	1.07
MFS1	major facilitator superfamily domain-cont	2 61153701 61178129	0.198382	-1.39	0.779882	-1.17	0.841493	1.07
ACSS1	acetyl-coenzyme A synthetase 2-like, mito	10 37289486 37350380	0.198524	1.36	0.480212	-1.34	0.549458	-1.18
LOC107130132		6 180844153 180853318	0.198524	-1.62	0.550383	1.54	0.304877	1.63
ISPD	isoprenoid synthase domain-containing pr	3 104320409 104658532	0.198578	-1.38	0.974729	1.02	0.982174	-1.01
LOC102120328	CD209 antigen-like protein 2 isoform X2	19 8082970 8088889	0.198611	-1.73	0.432015	-1.79	0.641584	1.26
MAP2K6	uncharacterized protein LOC101925060	16 66559760 66697340	0.198683	1.30	0.279838	-1.43	0.467419	1.19
MBTPS1	membrane-bound transcription factor site-	20 72331430 72381591	0.198944	1.13	0.435963	-1.13	0.083435	1.18
SLC38A3	sodium-coupled neutral amino acid transp	2 105456697 105462661	0.199005	1.81	0.479791	1.81	0.840128	-1.13
OXR1	oxidation resistance protein 1 isoform X2	8 107519940 107900456	0.199231	-1.21	0.387262	1.25	0.190371	1.24
LOC107127160		13 87347089 87347828	0.199260	4.00	1.000000	9.64	0.660406	1.71
PPP1R26	protein phosphatase 1 regulatory subunit 2	15 2877586 2881230	0.199260	1.25	0.778436	1.11	0.561082	-1.13
LOC102145850		16 45001502 45108863	0.199260	-2.17	0.925485	1.18	0.892281	1.11
RBPJ	recombining binding protein suppressor o	5 25394899 25671786	0.199304	-1.34	0.643267	1.23	0.282158	1.32
LOC102143608		9 111393346 111404101	0.199306	-2.12	0.358519	2.96	0.841757	-1.17
RBM20	RNA-binding protein 20 isoform X2	9 109842652 110034457	0.199522	1.58	0.880406	-1.14	0.670427	-1.21
TNS1	tensin-1 isoform X8	12 107427160 107632750	0.199608	1.34	0.177341	1.62	0.817975	-1.07
DYRK1A	dual specificity tyrosine-phosphorylation-	3 9282972 9373704	0.199695	-1.10	0.416153	1.11	0.476861	1.07
LOC102145328		14 115811721 115826266	0.199802	4.19	1.000000	-2.48	1.000000	-4.11
RAD51D	DNA repair protein RAD51 homolog 4 is	16 31489897 31508380	0.199822	1.18	0.878302	-1.05	0.416529	1.13
KIAA1161	uncharacterized family 31 glucosidase KI	15 44760047 44762191	0.199954	-1.22	0.778436	1.10	0.867225	1.04
PCP4L1	Purkinje cell protein 4-like protein 1	1 90367634 90392089	0.199958	1.74	0.851142	1.22	0.665953	1.29
ZG16B	zymogen granule protein 16 homolog B	20 3007514 3009177	0.199982	-1.57	0.783421	-1.21	0.301520	-1.45
PHF10	PHD finger protein 10 isoform X1	4 1017010 1033858	0.200016	-1.14	0.704442	1.08	0.434074	-1.10
SI00A16	protein SI00-A16	1 98260155 98260771	0.200016	-1.20	0.801728	-1.08	0.290789	-1.18
POF1B	protein POF1B isoform X3	X 82421323 82528197	0.200016	-2.92	0.000362	43.96	0.582656	1.72
TIFAB	TRAF-interacting protein with FHA doma	6 134521485 134522099	0.200254	-1.48	0.421083	-1.55	0.150394	1.64
EMC10	ER membrane protein complex subunit 10	19 51312160 51317909	0.200359	-1.17	0.040793	-1.43	0.904471	-1.02
RAD17	cell cycle checkpoint protein RAD17 isofo	6 69213353 69259607	0.200370	-1.13	0.741584	1.07	0.019156	1.24
CCDC25	coiled-coil domain-containing protein 25	8 28180401 28220891	0.200370	-1.14	0.935121	1.02	0.965116	-1.01
FMR1	fragile X mental retardation protein 1 iso	X 144812152 144848020	0.200424	-1.29	0.141144	1.56	0.373958	1.22
LOC107128950		2 117624692 117699497	0.200731	-5.34	1.000000	-3.16	0.995497	-1.01
LOC102129749	putative UDP-GlcNAc:betaGal beta-1,3-N	15 16503028 16509821	0.200755	1.32	0.459293	1.34	0.231594	-1.37
BCL9L	B-cell CLL/lymphoma 9-like protein isofo	14 114914005 114926061	0.200777	1.17	0.802412	-1.07	0.139441	1.22
LOC102134522		2 36642439 36643549	0.200827	-1.32	0.852983	1.10	0.178405	-1.38
LOC102136712		20 985993 987481	0.200842	1.57	0.396822	1.76	0.491021	-1.38

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
RAD1	cell cycle checkpoint protein RAD1 isoform 1	6 35306545 35313204	0.200842	-1.25	0.161155	1.45	0.644864	-1.10
TCTE3	tetex1 domain-containing protein 3	4 985462 998048	0.200842	-1.39	0.955892	-1.04	0.491021	-1.23
CXHxorf21	uncharacterized protein CXorf21 homolog 1	X 28684391 28685296	0.200842	-1.44	0.811782	1.16	0.209297	1.49
PSMD9	26S proteasome non-ATPase regulatory subunit 9	11 125926672 125957645	0.200942	-1.18	0.408863	-1.20	0.368681	-1.14
SERTAD4	SERTA domain-containing protein 4	1 68801253 68805636	0.201389	-1.39	0.929363	1.06	0.713543	1.12
ZNF501	zinc finger protein 501	2 99724071 99724886	0.201392	-1.34	0.646120	-1.23	0.708309	1.12
LOC101865459	putative uncharacterized protein encoded by LOC101865459	1 69962720 69989382	0.201424	1.45	0.760043	1.19	0.102070	-1.61
LRFN5	leucine-rich repeat and fibronectin type-III domain-containing protein 5	7 105930534 105947958	0.201424	-1.65	0.299359	-1.95	0.000182	3.92
PARVA	alpha-parvin isoform X1	14 55217785 55381725	0.201521	1.16	0.328141	1.21	0.460379	1.11
LOC102144008		19 16765461 16766921	0.201603	5.53	1.000000	-1.34	1.000000	-2.08
NUDT14	uridine diphosphate glucose pyrophosphatase 14	7 170539292 170540269	0.201603	-1.31	0.228382	-1.49	0.035434	-1.55
TMEM167B	protein kish-B	1 117664810 117668454	0.201852	-1.20	0.386374	1.24	0.321838	1.17
SCN3B	sodium channel subunit beta-3 precursor	14 119631968 119654142	0.202139	1.73	0.746508	1.32	0.798803	1.15
GLIC	transcriptional activator GLI3 isoform X1	3 78300536 78562785	0.202183	1.34	0.875953	1.09	0.846845	1.06
LPCAT3	lysophospholipid acyltransferase 5 isoform 1	11 7289121 7331947	0.202183	-1.13	0.001252	-1.46	0.081560	-1.18
MYSM1	histone H2A deubiquitinase MYSM1 isoform 1	1 168677412 168719307	0.202183	-1.25	0.743442	1.13	0.811409	1.06
LOC102130270	neugrin-like	15 101887712 101888998	0.202223	-1.61	0.753713	-1.27	0.568628	-1.31
COL6A5	collagen alpha-5(VI) chain isoform X1	2 32643145 32744625	0.202277	1.40	0.501347	1.37	0.176766	1.47
COMM9	COMM domain-containing protein 9 isoform 1	14 31122184 31135436	0.202277	-1.21	0.282408	-1.29	0.190371	-1.23
SZT2	protein SZT2 isoform X7	1 184165354 184227396	0.202373	1.22	0.570323	-1.18	0.150142	-1.28
WNT10A	protein Wnt-10a	12 108564386 108577197	0.202391	1.89	0.703822	1.44	0.580758	-1.33
PKHD1	LOW QUALITY PROTEIN: fibrocystin 1	4 118563730 119020742	0.202391	1.86	0.127667	3.08	0.601559	1.36
LOC102132169	NKG2-C type II integral membrane protein 2	11 27055 30530	0.202391	1.54	0.659833	-1.32	0.013924	2.25
LOC102146578	NADH-cytochrome b5 reductase 2 isoform 1	14 60228798 60237094	0.202391	1.30	0.596025	1.24	0.268374	-1.29
NRSN2	neuritin-2	10 62276985 62281503	0.202498	4.46	1.000000	-1.06	0.812360	-1.46
LEKR1	leucine-, glutamate- and lysine-rich protein 1	2 59201519 59426251	0.202498	1.76	0.344883	2.26	0.963130	-1.03
EZR	ezrin isoform X1	4 65180825 65235985	0.202498	-1.28	0.475890	1.28	0.103656	-1.39
ANXA4	annexin A4	13 40121556 40165350	0.202718	-1.22	0.893639	-1.05	0.906068	-1.03
FEN1	flap endonuclease 1 isoform X1	14 12470633 12475013	0.202750	-1.49	0.341856	-1.65	0.496137	1.28
C10H2orf85	uncharacterized protein C20orf85 homolog 1	10 90040939 90050739	0.202856	4.54	0.750487	-2.50	0.591533	-2.22
MTL5	tesmin isoform X1	14 5983384 6038017	0.202856	2.06	0.479791	-1.90	0.963202	-1.04
TTL4	tubulin polyglutamylase TTL4 isoform X1	12 108415269 108432007	0.202856	-1.20	0.176558	-1.35	0.782640	1.05
LOC102132540		0 30296 62528	0.202856	-1.45	0.780462	-1.19	0.728960	1.14
MAT2B	methionine adenosyltransferase 2 subunit 2	6 162933919 162949134	0.202942	-1.28	0.541082	1.24	0.195507	1.32
OAS2	2'-5'-oligoadenylate synthase 2	11 116705311 116735925	0.202942	-1.37	0.733157	1.19	0.085113	1.56
10-Mar	#N/A	#N/A	0.203166	2.64	0.287371	4.07	0.188927	-3.11
AP3B2	AP-3 complex subunit beta-2 isoform X1	7 63311799 63360277	0.203166	1.35	0.415304	-1.41	0.109025	-1.48
PPM1B	protein phosphatase 1B isoform X2	13 66164213 66207859	0.203166	-1.20	0.855754	1.06	0.387936	1.15
DPPA4	developmental pluripotency-associated protein 4	2 162835306 162855703	0.203166	-4.94	1.000000	1.00	1.000000	-14.28
LOC102141705	Ig kappa chain V-II region TEW-like	13 18029242 18030142	0.203196	2.52	0.032074	8.00	0.380188	1.78
LGR6	leucine-rich repeat-containing G-protein-coupled receptor 6	1 60575681 60698684	0.203196	1.78	0.175128	2.60	0.414810	-1.53
CLDN23	claudin-23	8 11999847 12000716	0.203196	1.41	0.654951	-1.26	0.543435	-1.21
RAB2B	ras-related protein Rab-2B	7 85035567 85051758	0.203196	-1.19	0.780538	1.09	0.252288	1.19
OXNAD1	oxidoreductase NAD-binding domain-containing protein 1	2 31270605 31304708	0.203196	-1.20	0.722419	-1.11	0.911372	1.02
CA7	carbonic anhydrase 7	20 54981600 54991013	0.203242	-2.53	0.195649	-5.33	0.801674	-1.27
ZNF599	zinc finger protein 599 isoform X1	19 35144464 35158548	0.203374	1.34	0.617237	-1.25	0.566250	1.17
CCDC115	coiled-coil domain-containing protein 115	12 1348794 1352201	0.203374	-1.11	0.468966	-1.11	0.321660	-1.10
THUMP2	THUMP domain-containing protein 2 isoform 1	13 70856922 70897193	0.203374	-1.23	0.724563	-1.12	0.602250	-1.09
SMC4	structural maintenance of chromosomes protein 4	2 62798818 62833247	0.203374	-1.27	0.682934	-1.16	0.262060	1.27
GLDN	gliomedin isoform X1	7 28323371 28390707	0.203374	-1.56	0.000003	8.67	0.188444	1.80
FRY	protein fury homolog isoform X2	17 11576507 11843325	0.203382	1.27	0.576171	-1.21	0.735221	-1.08
LHFPL2	lipoma HMGIC fusion partner-like 2 protein 2	6 76802751 76830900	0.203428	-1.43	0.955892	-1.04	0.988106	1.01
CARD16	caspace recruitment domain-containing protein 16	14 100983511 100987456	0.203639	-1.24	0.902012	-1.05	0.737262	1.07
PLPP4	phosphatidate phosphatase PPAPDC1A isoform 1	9 119758532 119894339	0.203902	2.41	0.832266	-1.47	0.774590	-1.28
LOC102119672	uncharacterized protein NCBP2-AS2	2 1246655 1246954	0.203902	-1.19	0.809330	-1.08	0.326388	-1.17
DOCK8	dedicator of cytokinesis protein 8 isoform 1	15 78722736 78960958	0.203906	1.30	0.921938	-1.05	0.510580	1.17
RINT1	RAD50-interacting protein 1 isoform X1	3 137971919 138019460	0.203938	-1.16	0.608537	1.12	0.790881	1.04
LOC107126380	lysophospholipid acyltransferase 7-like	19 55056954 55058506	0.203981	1.43	0.738168	-1.21	0.356989	1.34
KRT15	keratin, type I cytoskeletal 15	16 53169637 53174482	0.204055	2.60	0.991908	-1.02	0.464900	1.89
PER2	period circadian protein homolog 2	12 128094849 128126755	0.204055	1.32	0.439229	1.34	0.762548	1.09
LOC102123156		0 2197 16417	0.204055	1.30	0.878906	1.08	0.269933	-1.29
CEP164	centrosomal protein of 164 kDa isoform X1	14 113297277 113372090	0.204055	1.11	0.003177	-1.36	0.670425	-1.04
TOB1	protein Tob1	16 36266198 36267235	0.204113	1.29	0.924645	1.05	0.905144	-1.03
SH3BP5L	SH3 domain-binding protein 5-like	1 138275 150820	0.204391	1.17	0.410991	-1.19	0.416222	-1.12
NUS1	dehydrodolichyl diphosphate synthase component 1	4 21668019 21700518	0.204528	-1.35	0.515275	1.32	0.588161	1.16
KRT74	keratin, type II cytoskeletal 74	11 51410208 51416942	0.204683	4.25	1.000000	1.00	1.000000	-4.26
TEKT3	tektin-3	16 15509713 15537889	0.204683	2.31	0.780639	-1.47	0.985210	1.02
FN3K	fructosamine-3-kinase	16 80440708 80456099	0.204683	1.72	0.283270	-2.10	0.384458	-1.53
ESCO2	N-acetyltransferase ESCO2 isoform X3	8 28223933 28256408	0.204917	-1.74	0.998004	1.00	0.517445	1.39
CPOX	oxygen-dependent coproporphyrinogen-III synthase 2	2 173567050 173579445	0.205089	-1.49	0.612571	1.35	0.409272	1.35
PTGS2	prostaglandin G/H synthase 2	1 44617585 44623823	0.205154	2.06	0.463560	2.10	0.473621	-1.60
DUSP23	dual specificity protein phosphatase 23	1 91893716 91894979	0.205154	-1.37	0.672273	-1.23	0.372870	-1.29
SLC22A5	solute carrier family 22 member 5 isoform 1	6 131362418 131386431	0.205155	-1.27	0.756286	-1.13	0.390600	-1.20
FAM92A1	protein FAM92A1 isoform X2	8 94822269 94851546	0.205282	-1.23	0.017483	1.71	0.446708	1.16
RBP4	retinol-binding protein 4	9 92109583 92118572	0.205459	1.78	0.003177	5.72	0.039207	-2.59
NOP58	nucleolar protein 58	12 91729898 91765813	0.205604	-1.18	0.741311	1.09	0.870412	1.03
1-Mar	#N/A	#N/A	0.205700	-1.45	0.685742	1.27	0.528787	1.24
LOC102122347	chondroitin sulfate proteoglycan 4-like isoform 1	7 53381671 53382746	0.205783	3.84	1.000000	-9.84	0.676335	-2.04
NTSDC3	5'-nucleotidase domain-containing protein 3	11 107459602 107523476	0.205783	1.46	0.107608	2.22	0.934444	1.04
XXYL1	xyloside xylosyltransferase 1 isoform X1	2 2255332 2451729	0.205783	1.20	0.880611	1.06	0.252869	1.21
TBC1D31	TBC1 domain family member 31 isoform 1	8 124430202 124501527	0.205783	-1.22	0.075747	-1.48	0.399653	1.16
LOC102125956		11 5012195 5030064	0.205783	-3.12	1.000000	-1.59	0.530984	1.74
PRRC1	protein PRRC1	6 126484727 126508548	0.205811	-1.31	0.848289	1.10	0.889881	1.04
LOC107129696		5 8772087 8778727	0.205853	1.47	0.456710	-1.49	0.188927	-1.56
ZC2HC1C	zinc finger C2HC domain-containing protein 1	7 139761280 139769106	0.205935	1.42	0.445916	-1.44	0.195112	-1.49
MAF1	repressor of RNA polymerase III transcription factor 1	8 145745248 145746704	0.205935	1.21	0.864904	-1.06	0.168949	-1.25
MOXD1	DBH-like monooxygenase protein 1 isoform 1	4 36445212 36571127	0.205935	-1.34	0.818334	1.12	0.087118	1.51

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
ITGAV	integrin alpha-V	12 75634090 75721922	0.205935	-1.55	0.649315	1.36	0.529020	1.29
DNAJA4	dnaJ homolog subfamily A member 4 iso	7 56610252 56625916	0.205955	1.27	0.867881	-1.08	0.206290	-1.30
MTFMT	methionyl-tRNA formyltransferase, mitoc	7 42492497 42520480	0.205979	-1.20	0.972888	1.01	0.702796	-1.07
EIF3J	eukaryotic translation initiation factor 3 su	7 21527069 21551578	0.206002	-1.27	0.686010	1.17	0.660853	1.11
AARS	alanine-tRNA ligase, cytoplasmic	20 62393462 62423793	0.206008	1.12	0.149828	-1.23	0.832721	1.03
ARMXC1	armadillo repeat-containing X-linked prot	X 98689686 98692317	0.206008	-1.19	0.433789	1.21	0.609750	1.09
DNAH8	dynein heavy chain 8, axonemal	4 131687197 131996812	0.206051	2.95	0.550394	-2.39	0.250701	2.96
OGFOD1	prolyl 3-hydroxylase OGFOD1	20 44422564 4449068	0.206051	-1.19	0.158559	1.35	0.235866	1.20
NUDT1	7,8-dihydro-8-oxoguanine triphosphatase	3 37181904 37193937	0.206190	-1.23	0.291238	-1.33	0.793938	-1.06
COL6A6	collagen alpha-6(VI) chain	2 32818434 32929298	0.206213	1.28	0.899208	1.06	0.567513	1.14
CXCR6	C-X-C chemokine receptor type 6 isoform	2 100954702 100958793	0.206271	1.44	0.197370	-1.76	0.838178	1.08
UNC5A	netrin receptor UNC5A	6 176647942 176665601	0.206271	-1.91	0.304660	-3.47	0.829577	-1.18
FBXO28	F-box only protein 28	1 82748807 82795078	0.206452	-1.28	0.113443	1.59	0.588327	1.14
NDP	norrin precursor	X 42240809 42249664	0.206452	-1.76	0.981215	1.03	0.117040	2.28
TBX19	T-box transcription factor TBX19 isoform	1 26243578 26272652	0.206701	-1.18	0.674944	1.12	0.605948	-1.09
MIOX	inositol oxygenase isoform X2	10 347816 350519	0.206701	-5.76	1.000000	-1.06	0.442862	-2.55
LTBP3	latent-transforming growth factor beta-bin	14 8932100 8952119	0.206837	1.30	0.745066	1.15	0.426791	-1.21
C14H11orf58	small acidic protein	14 50966667 50983198	0.206837	-1.15	0.243377	1.23	0.554604	1.08
TMSB10	thymosin beta-10	13 24563379 24563781	0.206837	-1.25	0.653994	-1.17	0.419175	-1.18
SRP14	signal recognition particle 14 kDa protein	7 16859846 16862620	0.206839	-1.10	0.857814	-1.03	0.072824	-1.15
FCHS2	F-BAR and double SH3 domains protein	14 68022918 68362242	0.207094	1.14	0.799483	1.06	0.390517	1.11
C11H12orf4	protein C12orf4 homolog	11 4668883 4709814	0.207094	-1.12	0.930147	-1.02	0.021063	1.21
LOC102128265	intersectin-1-like isoform X2	3 12885554 12891622	0.207094	-1.71	0.696236	1.40	0.633015	1.28
ELAVL2	ELAV-like protein 2 isoform X6	15 54924997 55083062	0.207242	4.61	1.000000	-2.13	1.000000	-2.04
MTRF1L	peptide chain release factor 1-like, mitoch	4 59238273 59251930	0.207242	-1.14	0.720822	1.08	0.902315	-1.02
HEXB	beta-hexosaminidase subunit beta	6 72906670 72934404	0.207242	-1.23	0.990841	-1.01	0.619778	-1.10
MCOLN2	mucoilin-2 isoform X1	1 142254561 142326402	0.207242	-1.30	0.845592	1.09	0.368758	1.22
RNF182	E3 ubiquitin-protein ligase RNF182 isofo	4 156831700 156832443	0.207242	-1.62	0.878302	1.14	0.382539	1.44
CD300A	CMRF35-like molecule 8 isoform X3	16 71707312 71723141	0.207412	-1.53	0.984939	-1.02	0.222323	1.58
LOC102134040	nodal modulator 1 isoform X1	20 16291511 16354059	0.208123	1.16	0.468599	1.16	0.908841	1.02
LOC102144409		X 1490379 1515436	0.208349	1.18	0.669163	-1.12	0.219277	-1.20
SCG2	secretogranin-2 precursor	12 113355922 113357775	0.208481	1.96	0.156802	2.38	0.830808	-1.11
SLC25A34	solute carrier family 25 member 34 isofo	1 212704066 212708231	0.208481	-1.35	0.046124	-2.03	0.278711	1.36
ACTR2	actin-related protein 2 isoform X2	13 44703386 44742406	0.208481	-1.42	0.419367	1.48	0.430947	1.29
PCDH9	protocadherin-9 isoform X7	17 48099231 49078974	0.208481	-2.12	0.008362	-8.33	0.716755	1.31
PXMP4	peroxisomal membrane protein 4	10 65049099 65061235	0.208540	1.19	0.001718	-1.71	0.650305	-1.08
PHACTR1	phosphatase and actin regulator 1 isoform	4 157525677 158108260	0.208562	1.16	0.659085	1.11	0.112442	-1.22
GNA11	guanine nucleotide-binding protein subun	19 3061090 3080907	0.208584	1.13	0.669107	1.08	0.658524	-1.05
SOX10	transcription factor SOX-10	10 13226435 13236949	0.208592	4.64	1.000000	1.89	1.000000	3.12
CFAP47	cilia- and flagella-associated protein 47 is	X 34367224 34798986	0.208592	4.21	0.987179	-1.06	0.777705	-1.57
LOC102123575	Ig lambda chain V-1 region WAH-like	7 85294391 85294923	0.208592	2.88	0.123948	-3.30	0.075209	2.89
WWP2	NEDD4-like E3 ubiquitin-protein ligase V	20 58094736 58252306	0.208592	1.14	0.447761	-1.15	0.618486	-1.07
ZNF707	zinc finger protein 707	8 145316939 145320693	0.208592	1.14	0.261244	-1.22	0.950284	1.01
ZNF142	zinc finger protein 142 isoform X3	12 108315918 108334941	0.208592	1.13	0.735924	-1.07	0.849007	-1.02
LAMTOR4	regulator complex protein LAMTOR4	3 44523642 44524439	0.208592	-1.27	0.208679	-1.45	0.234323	-1.28
CTSZ	cathepsin Z	10 90889409 90900710	0.208592	-1.31	0.149734	-1.60	0.316456	-1.27
SNX10	sorting nexin-10 isoform X2	3 94379329 94405762	0.208592	-1.73	0.619720	1.50	0.733321	1.20
GCN1	translational activator GCN1 isoform X3	11 124009288 124078148	0.208718	1.12	0.493246	-1.11	0.755081	-1.04
ZNF140	zinc finger protein 140 isoform X3	11 137595146 137618668	0.208718	-1.12	0.807226	1.05	0.819435	-1.03
CGRF1	cell growth regulator with RING finger do	7 118730029 118757349	0.208718	-1.22	0.087902	1.49	0.845059	1.04
LOC102115611	ubiquitin-cytochrome-c reductase comple	4 137104409 137118286	0.208718	-1.26	0.483206	-1.25	0.719355	-1.08
RAD23B	uncharacterized protein LOC101866175	15 30361414 30405583	0.208718	-1.30	0.580749	1.24	0.707327	1.10
CLN6	ceroid-lipofuscinosis neuronal protein 6	7 45912074 45934009	0.208718	-1.30	0.898637	1.07	0.011476	-1.66
LOC102120093	aldo-keto reductase family 1 member B10	3 167357155 167370435	0.208718	-1.35	0.114448	-1.79	0.638720	-1.15
BCAS3	breast carcinoma-amplified sequence 3	16 46433875 47185762	0.209015	1.24	0.859712	1.07	0.709650	-1.08
TRANK1	TPR and ankyrin repeat-containing protei	2 91669747 91788131	0.209086	1.29	0.858388	-1.09	0.185747	1.34
LOC102126870	LOW QUALITY PROTEIN: olfactory res	20 3620545 3621483	0.209349	3.26	1.000000	1.56	0.873110	1.21
LOC107128227	zinc finger protein 135-like	19 38078064 38078900	0.209686	3.84	1.000000	1.89	1.000000	1.30
LOC102132547		13 110829304 110892486	0.209849	3.37	1.000000	2.62	0.241795	-3.23
P2RX6	P2X purinoceptor 6 isoform X4	10 30607990 30629463	0.209849	3.35	0.909037	-1.43	0.739077	-1.55
KCNA4	potassium voltage-gated channel subfamil	14 37423000 37424958	0.209849	2.77	0.929970	1.22	0.169103	3.55
FLII	protein flightless-1 homolog isoform X3	16 18593955 18608363	0.209849	1.13	0.486875	-1.13	0.826537	-1.03
DHRS3	short-chain dehydrogenase/reductase 3 iso	1 215464737 215518813	0.209849	-1.22	0.761961	1.11	0.570873	-1.11
FOXA2	hepatocyte nuclear factor 3-beta isoform X	10 39695853 39698282	0.209849	-1.23	0.152178	-1.42	0.430973	-1.16
TMEM37	voltage-dependent calcium channel gamm	12 12751188 12761279	0.209850	-1.36	0.088803	-1.82	0.989868	1.00
NEFL	neurofilament light polypeptide	8 25334215 25338082	0.209953	3.30	0.141024	8.43	0.861119	1.24
STARD5	star-related lipid transfer protein 5	7 59818633 59829058	0.209953	-1.17	0.626674	-1.12	0.933179	1.01
SSR1	translocon-associated protein subunit alph	4 163653143 163676424	0.209953	-1.37	0.624559	1.26	0.359712	1.30
LOC102122124	nuclear pore complex-interacting protein f	20 15150604 15169839	0.209961	2.03	0.144093	-3.31	0.799393	1.17
GDNF-AS1	GDNF antisense RNA 1 (head to head) iso	6 38319767 38341429	0.209966	2.36	0.525333	2.19	0.622477	-1.50
MRPL34	39S ribosomal protein L34, mitochondria	19 17630989 17631730	0.210028	-1.17	0.300893	-1.24	0.387529	-1.13
MAFA-F	mamu class I histocompatibility antigen, a	4 141100398 141115234	0.210036	1.42	0.419429	-1.47	0.680550	1.15
DHCR24	delta(24)-sterol reductase	1 172524565 172557685	0.210261	1.40	0.257122	-1.64	0.694008	1.14
LOC107129345		3 182929401 182934797	0.210316	1.67	0.000484	7.08	0.012689	-2.88
KIF3B	kinesin-like protein KIF3B	10 63640547 63662480	0.210357	1.20	0.913958	-1.04	0.571561	1.10
CLEC14A	C-type lectin domain family 14 member A	7 102213227 102214702	0.210370	1.34	0.978777	-1.02	0.364333	1.27
PHLDA1	pleckstrin homology-like domain family A	11 75220184 75224397	0.210370	-1.62	0.910364	-1.11	0.410700	-1.44
KRT4	keratin, type II cytoskeletal 4	11 51641195 51648160	0.210494	2.73	0.919204	-1.21	0.051361	-4.94
EIF3G	eukaryotic translation initiation factor 3 su	19 10370453 10375113	0.210494	1.18	0.800876	-1.07	0.358387	-1.15
TADA3	transcriptional adapter 3	2 140770014 140780890	0.210494	1.13	0.130012	-1.26	0.900546	-1.02
TRMT5	tRNA (guanine(37)-N1)-methyltransferase	7 125293637 125299484	0.210494	-1.16	0.613838	1.12	0.594363	1.08
RBM7	RNA-binding protein 7 isoform X1	14 110431040 110437685	0.210496	-1.31	0.344883	1.40	0.580806	1.15
LOC107129691		5 5935145 5936866	0.210729	1.90	0.469422	1.76	0.493383	-1.57
RASSF9	ras association domain-containing protein	11 85095167 85142352	0.210729	1.40	0.977320	1.02	0.866081	-1.06
HNRNPUL2	heterogeneous nuclear ribonucleoprotein U	14 11539188 11551794	0.210729	1.15	0.756583	-1.07	0.360228	1.12
LDHB	L-lactate dehydrogenase B chain isoform	11 22336994 22356428	0.210729	1.12	0.629127	-1.09	0.741699	-1.04
ACAP2	arf-GAP with coiled-coil, ANK repeat and	2 2069677 2244980	0.210729	-1.28	0.384718	1.34	0.421455	1.20

Gene symbol	Gene name	chr_start_end	Day3 adjusted P-value	Day3 fold change	Day5 adjusted P-value	Day5 fold change	Day7 adjusted P-value	Day7 fold change
CD300LF	CMRF35-like molecule 1 isoform X2	16 71935167 71956441	0.210729	-1.34	0.826050	1.12	0.973338	1.01
GTF2IRD1	LOW QUALITY PROTEIN: general tran	3 49135992 49232383	0.210890	1.21	0.143466	-1.40	0.076437	-1.31
BMP5	bone morphogenetic protein 5 isoform X1	4 114803797 114924863	0.211032	1.27	0.334845	1.35	0.747297	-1.08
ARID2	AT-rich interactive domain-containing pro	11 44493647 44582546	0.211293	-1.22	0.690561	1.13	0.346661	1.18
LOC102138519	poly(rC)-binding protein 2-like isoform X	6 26235478 26236536	0.211317	1.12	0.813325	-1.05	0.990548	1.00
ANGEL1	protein angel homolog 1 isoform X2	7 141521346 141559849	0.211370	1.26	0.673272	1.17	0.801921	-1.06
ZNF521	zinc finger protein 521 isoform X1	18 56916796 57207319	0.211543	1.27	0.400063	1.31	0.255674	1.27
ANG	angiogenin	7 84250235 84250675	0.211549	1.17	0.787383	-1.07	0.355333	-1.14
DDX23	probable ATP-dependent RNA helicase D	11 47650744 47665282	0.211580	1.13	0.755091	-1.06	0.698932	1.05
SP5	transcription factor Sp5 isoform X3	12 59646622 59648513	0.211580	-1.35	0.744836	1.17	0.508392	-1.20
RNF149	E3 ubiquitin-protein ligase RNF149 isofo	13 5656898 5692385	0.211584	-1.28	0.656988	1.18	0.568475	1.14
UBA7	ubiquitin-like modifier-activating enzyme	2 105047922 105056409	0.211646	1.22	0.530675	-1.20	0.969193	1.01
MRPS27	28S ribosomal protein S27, mitochondria	6 70369192 70468338	0.211646	-1.09	0.668068	-1.06	0.393314	1.07
LINGO1	leucine-rich repeat and immunoglobulin-l	7 55922271 55924115	0.211719	1.64	0.141470	-2.48	0.813893	1.13
NIPA2	magnesium transporter NIPA2 isoform X1	7 824475 846243	0.211719	-1.27	0.668957	1.17	0.410589	1.19
PTGER4	prostaglandin E2 receptor EP4 subtype iso	6 41164175 41175582	0.211719	-1.33	0.903612	-1.07	0.289956	1.31
LOC102141246	U8 snRNA-decapping enzyme-like	2 33600517 33602112	0.211736	4.44	1.000000	-1.05	1.000000	1.08
KPNA4	importin subunit alpha-3	2 62905755 62966692	0.211736	-1.22	0.360878	1.27	0.317076	1.19
LOC102140719		16 69762216 69805384	0.211870	3.87	1.000000	3.75	0.397439	-2.19
NRXN3	neurexin 3 isoform X1	7 143035214 144703031	0.212072	1.60	0.707064	1.33	0.895007	1.07
NALCN	sodium leak channel non-selective protein	17 83647589 84016197	0.212119	1.62	0.831558	1.20	0.069967	2.01
RNF115	E3 ubiquitin-protein ligase RNF115	1 104531567 104614700	0.212119	-1.10	0.751330	1.05	0.426454	1.07
CTDNEP1	CTD nuclear envelope phosphatase 1 isof	16 7301206 7308485	0.212119	-1.11	0.550383	-1.10	0.315566	-1.10
IGLL1	immunoglobulin lambda-like polypeptide	0 6502 10834	0.212282	1.83	0.558292	1.65	0.283651	-1.80
LOC107129405	uncharacterized protein LOC107129405	4 20398144 20398761	0.212354	2.90	1.000000	-1.60	0.936335	1.11
RAMP1	receptor activity-modifying protein 1 isofo	12 127694877 127750907	0.212354	1.35	0.690000	1.21	0.018497	-1.73
LOC102135056		4 160480396 160484346	0.212372	2.82	0.425291	-4.25	0.428173	2.19
GPX3	glutathione peroxidase 3	6 150307018 150314489	0.212392	1.40	0.117366	1.88	0.315617	1.35
HMCES	embryonic stem cell-specific 5-hydroxym	11 87866688 87895171	0.212392	1.16	0.556782	-1.14	0.670759	-1.06
GTDCC1	glycosyltransferase-like domain-containin	12 32443419 32698770	0.212392	-1.15	0.609051	1.11	0.725375	-1.05
CD9	CD9 antigen	11 6406325 6443906	0.212392	-1.18	0.170513	1.33	0.025478	-1.34
DCAF4	DDB1- and CUL4-associated factor 4 iso	7 137591296 137613911	0.212488	1.20	0.110948	-1.43	0.527555	-1.12
TSPYL4	testis-specific Y-encoded-like protein 4	4 20282733 20283977	0.212488	1.16	0.151103	1.30	0.398437	1.12
STBD1	starch-binding domain-containing protein	6 153534106 153535005	0.212507	-1.20	0.349352	1.25	0.809665	1.05
C1S	complement C1s subcomponent	11 7389380 7398169	0.212566	1.25	0.465402	-1.26	0.598871	1.12
SAP130	histone deacetylase complex subunit SAP	12 3583396 3667833	0.212614	1.11	0.292180	-1.16	0.505194	1.07
CRTC2	CREB-regulated transcription coactivator	1 97907695 97918176	0.212614	1.11	0.702424	-1.07	0.109846	-1.15
GGNB2	gametogenin-binding protein 2 isoform	16 47879995 47959983	0.212614	-1.09	0.548874	1.08	0.259116	1.09
TRIM16	tripartite motif-containing protein 16 isofo	16 15830524 15884587	0.212614	-1.22	0.003033	1.83	0.004958	-1.52
LOC107130498		7 167745949 167747608	0.212614	-1.46	0.242474	-1.84	0.808799	-1.11
PURG	purine-rich element-binding protein gamn	8 31592955 31629234	0.212645	-1.59	0.332591	1.82	0.961943	-1.03
TNXB	tenascin-X isoform X9	4 138795571 138853437	0.212817	1.84	0.919838	1.13	0.223318	-1.93
PER1	period circadian protein homolog 1 isofo	16 8264700 8275917	0.212817	1.48	0.157426	1.98	0.184374	-1.58
EFEMP1	EGF-containing fibulin-like extracellular	13 54115581 54171164	0.212817	1.25	0.470139	1.25	0.083435	-1.37
SARS	serine--tRNA ligase, cytoplasmic	1 117519354 117545029	0.212817	1.13	0.917784	-1.03	0.771582	-1.04
NDUFS6	NADH dehydrogenase [ubiquinone] iron-	0 41810 56560	0.212817	-1.21	0.652908	-1.14	0.094043	-1.30
API1	AP-1 complex subunit sigma-1A isoform	3 45457849 45471091	0.212817	-1.22	0.200211	-1.38	0.857760	-1.04
GJB5	gap junction beta-5 protein	1 193168100 193168921	0.212825	-2.39	0.637584	-2.68	0.419201	-2.15
FAM81B		6 93814450 93866145	0.213007	4.90	0.964672	-1.19	0.673282	-1.95
LOC102114865	HLA class I histocompatibility antigen, A	4 157 1973	0.213091	-1.28	0.731312	-1.15	0.029207	1.53
LOC102118988		6 136885797 136961951	0.213238	1.58	0.943868	1.07	0.783958	-1.14
STON2	stonin-2 isoform X4	7 146120999 146256005	0.213294	1.18	0.327931	1.24	0.944270	-1.01
LOC102144279	elongation factor 1-delta-like	11 88518974 88519747	0.213571	1.14	0.087170	1.31	0.887366	-1.02
KLHL35	kelch-like protein 35	14 70731858 70740389	0.213576	2.35	0.991049	1.02	0.855596	1.15
ENO3	beta-enolase isoform X1	16 5028270 5034927	0.213579	-1.41	0.497349	-1.39	0.096547	-1.62
FKRP	fukutin-related protein	19 47524232 47525719	0.213632	-1.15	0.457865	-1.16	0.703160	-1.05
LOC102140627	T-cell receptor beta chain V region CTL-I	3 175700944 175701535	0.213672	2.24	0.552627	-2.04	0.791208	1.22
FASN	fatty acid synthase	16 79741184 79758790	0.213672	1.27	0.281211	-1.41	0.249085	-1.28
LOC102130310	IQ domain-containing protein F1	2 107150200 107155599	0.213672	-3.18	1.000000	3.48	0.195507	3.40
SEMA3F	semaphorin-3F isoform X1	2 105397832 105429641	0.213783	1.16	0.004922	1.55	0.354296	1.13
MTHFR	methylene tetrahydrofolate reductase isofo	1 216318398 216331523	0.214032	1.21	0.801473	-1.09	0.864170	-1.04
LOC102122924	olfactory receptor 4S2	14 17280765 17281718	0.214032	-2.84	0.273590	8.72	0.712788	-1.57
VAMP5	vesicle-associated membrane protein 5 iso	13 23855705 23866027	0.214075	-1.25	0.903693	-1.06	0.277314	-1.25
TONSL	tonsoku-like protein isoform X2	8 146116067 146131133	0.214075	-1.28	0.108600	-1.62	0.159400	1.36
MIS18A	protein Mis18-alpha	3 14482171 14491782	0.214075	-1.32	0.360541	-1.42	0.411691	1.24
CCDC64	bicaudal D-related protein 1 isoform X1	11 123870194 123971033	0.214104	1.38	0.751819	1.19	0.043496	-1.69
SNTG2	gamma-2-syntrophin	13 109848312 110223876	0.214129	2.03	0.250632	2.86	0.935343	-1.07
MESP2	mesoderm posterior protein 2	7 70030831 70032730	0.214891	1.73	0.321043	-2.07	0.811716	1.14
CLEC4C	C-type lectin domain family 4 member C	11 8147569 8169272	0.214912	2.47	0.919141	-1.21	0.450335	1.80
CXXC4	CXXC-type zinc finger protein 4 isoform	5 103900608 103920112	0.214912	1.87	0.217904	2.55	0.372072	1.68
SLAMF7	SLAM family member 7 isoform X3	1 90874720 90888839	0.214912	1.57	0.061996	-2.64	0.128837	1.79
GKGYF2	PERQ amino acid-rich with GYF domain	12 122566227 122692324	0.214912	1.18	0.964910	1.02	0.953646	1.01
FKBP1B	peptidyl-prolyl cis-trans isomerase FKBP	13 86903463 86918772	0.214912	-1.32	0.731200	-1.17	0.237031	-1.34
LOC107130257		7 56879271 56881747	0.214912	-1.50	0.760138	1.22	0.220127	-1.54
LOC107127713		16 6430240 6439118	0.214912	-2.28	0.451097	2.51	0.621856	-1.50
RECQL5	ATP-dependent DNA helicase Q5 isoform	16 72934974 72975927	0.214961	1.18	0.497349	-1.17	0.973338	-1.01
CDH8	cadherin-8 isoform X2	20 49677566 50049202	0.215036	2.42	0.095499	6.89	0.560938	-1.61
DGKI	diacylglycerol kinase iota isoform X8	3 170356311 170812601	0.215261	-1.91	0.487950	-1.86	0.428261	-1.64
TNFSF9	tumor necrosis factor ligand superfamily m	19 6720420 6724698	0.215373	-1.56	0.735662	-1.29	0.026678	2.10
MTERF3	transcription termination factor 3, mitoch	8 97411715 97432077	0.215682	-1.22	0.790133	1.10	0.513300	1.13
LXN	latexin	2 61010097 61015916	0.215682	-1.59	0.400084	-1.71	0.616731	-1.25
HOOK1	protein Hook homolog 1	1 167504926 167570210	0.215775	-1.36	0.987051	1.01	0.977828	1.01
C4H6orf15	uncharacterized protein C6orf15 homolog	4 139860931 139862190	0.215983	5.91	1.000000	1.83	0.792699	1.50
FOXO6	forkhead box protein O6	1 186313892 186335565	0.215983	1.72	0.296360	2.07	0.210026	1.74
BICD1	protein bicaudal D homolog 1 isoform X1	11 32659164 32929382	0.215983	-1.35	0.204961	1.63	0.560127	1.18
SBDS	ribosome maturation protein SBDS	3 55361117 55368186	0.216049	-1.18	0.043532	1.46	0.779709	1.05
RAB4A	ras-related protein Rab-4A isoform X1	1 20283838 20315300	0.216244	-1.13	0.353310	1.17	0.927991	-1.01