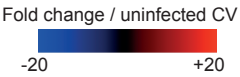
Figure S2

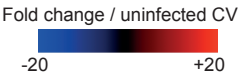
A



CV 24 p.i.	Gene name	Description
4.4	Olfr767	olfactory receptor 767 (Olfr767)
3.6	Ly6a	lymphocyte antigen 6 complex, locus A (Ly6a)
3.0	Gm4416	PREDICTED: similar to ribosomal protein (LOC100047795)
2.9	1700047G07Rik	Putative uncharacterized protein (Fragment) gene:ENSMUSG00000053206
2.7	Snord15a	small nucleolar RNA, C/D box 15A (Snord15a), small nucleolar RNA.
2.5	Nudt5	nudix (nucleoside diphosphate linked moiety X)-type motif 5 (Nudt5)
2.4	---	NOD-derived CD11c +ve dendritic cells cDNA, RIKEN clone:F630046N03
2.3	Ifitm3	interferon induced transmembrane protein 3 (Ifitm3)
2.3	Atf3	activating transcription factor 3 (Atf3)
2.3	Prr23a	proline rich 23A (Prr23a)
2.3	Upp1	uridine phosphorylase 1 (Upp1)
2.2	Slc10a2	solute carrier family 10, member 2 (Slc10a2)
2.1	Gm9513	predicted gene 9513 (Gm9513)
2.1	Gm5100	PREDICTED: predicted gene, EG329126 (EG329126), misc RNA.
2.1	C2cd4b	C2 calcium-dependent domain containing 4B (C2cd4b)
2.1	---	gi|34538597|ref|NC_005089.1|:c14139-14071, tRNA-Glu
2.1	Slfn2	schlafen 2 (Slfn2)
-2.0	Lama3	laminin, alpha 3 (Lama3)
-2.1	Hbb-b1	hemoglobin, beta adult major chain (Hbb-b1)
-2.1	Gm8979	predicted gene 8979 (Gm8979), non-coding RNA.
-2.1	Hba-a2	hemoglobin alpha, adult chain 2 (Hba-a2)
-2.2	IghmAC38.205.12	Ig heavy chain V region AC38 205.12 gene:ENSMUSG00000076701
-2.2	Defa5	defensin, alpha, 5 (Defa5)
-2.2	Gm15315	predicted gene 15315 (Gm15315)
-2.2	Gm10104	predicted gene 10104 (Gm10104)
-2.2	Spink4	serine peptidase inhibitor, Kazal type 4 (Spink4)
-2.2	Clec2e	C-type lectin domain family 2, member e (Clec2e)
-2.2	Xist	inactive X specific transcripts (Xist)
-2.3	Defa25	defensin, alpha, 25 (Defa25)
-2.3	Trp53inp1	transformation related protein 53 inducible nuclear protein 1 (Trp53inp1)
-2.3	LOC435333	Ig heavy chain V region VH558 A1/A4 gene:ENSMUSG00000076743
-2.3	Rpl38	ribosomal protein L38 (Rpl38)
-2.3	Mt2	metallothionein 2 (Mt2)
-2.3	Cyp2b10	cytochrome P450, family 2, subfamily b, polypeptide 10 (Cyp2b10)
-2.3	Npl	N-acetylneuraminate pyruvate lyase (Npl)
-2.3	Defa26	defensin, alpha, 26 (Defa26)
-2.3	Plb1	phospholipase B1 (Plb1)
-2.4	Defa24	defensin, alpha, 24 (Defa24)
-2.4	---	mammary tumor virus clone 66C env precursor (env) and vSAG protein (vSAG) mRNA
-2.4	Slc25a36	solute carrier family 25, member 36 (Slc25a36)
-2.4	Defa-ps1	defensin, alpha, pseudogene 1 (Defa-ps1), non-coding RNA.
-2.5	Gm10880	LOC100046793 protein gene:ENSMUSG00000076543
-2.5	Gm1419	anti-human melanoma monoclonal antibody light chain variable region-like mRNA
-2.5	---	immunoglobulin heavy chain complex, mRNA (cDNA clone MGC:6529)
-2.5	Tm4sf4	transmembrane 4 superfamily member 4 (Tm4sf4)
-2.5	Gm14850	predicted gene 14850 (Gm14850)
-2.6	Cyp2d26	cytochrome P450, family 2, subfamily d, polypeptide 26 (Cyp2d26)
-2.6	Fgf15	fibroblast growth factor 15 (Fgf15)
-2.7	---	immunoglobulin heavy chain complex, mRNA (cDNA clone MGC:102667)
-2.7	---	Ig kappa chain, mRNA (cDNA clone MGC:30228 IMAGE:4206515)
-2.7	LOC100046275	similar to Igha protein gene:ENSMUSG00000076731
-2.7	Gm6696	predicted gene 6696 (Gm6696)
-2.8	Itln1	intelectin 1 (galactofuranose binding) (Itln1)
-2.8	AY761184	cDNA sequence AY761184 (AY761184)
-2.9	---	anti-human CD21 immunoglobulin kappa light chain mRNA
-2.9	Lct	lactase (Lct)
-3.0	Igj	immunoglobulin joining chain (Igj)
-3.0	Cubn	cubilin (intrinsic factor-cobalamin receptor) (Cubn)
-3.0	Lyz1	lysozyme 1 (Lyz1)
-3.1	AY036118	ETS-related transcription factor ERF (Erf1) mRNA
-3.2	Cyp2c65	cytochrome P450, family 2, subfamily c, polypeptide 65 (Cyp2c65)
-3.4	Ighv1-72	Ig active mu-chain mRNA V-D-J2-C region
-3.7	Igk	immunoglobulin kappa chain complex, mRNA (cDNA clone MGC:150007)
-4.0	Igk-V19-14	anti-DNA light chain (Vk19) mRNA, partial cds.
-4.0	Gm189	Anti-VIPase light chain variable region gene:ENSMUSG00000076556
-4.0	Cyp2c55	cytochrome P450, family 2, subfamily c, polypeptide 55 (Cyp2c55)
-4.5	---	immunoglobulin heavy chain complex, mRNA (cDNA clone MGC:40652)
-4.5	Cyp3a11	cytochrome P450, family 3, subfamily a, polypeptide 11 (Cyp3a11)
-5.1	---	cdna:known chromosome:NCBIM37:6:68686291:68686758:-1 gene:ENSMUSG00000076530
-5.3	---	cdna:known chromosome:NCBIM37:6:70264889:70265446:-1 gene:ENSMUSG00000076586
-5.5	Gm4964	mRNA for IgG1/kappa antibody, scFv48-CK.
-5.5	Cyp3a25	cytochrome P450, family 3, subfamily a, polypeptide 25 (Cyp3a25)
-7.9	Dub2a	deubiquitinating enzyme 2a (Dub2a)
-8.0	V165-D-J-C mu	V165-D-J-C mu protein gene:ENSMUSG00000076717

Figure S2

B



CV 72 p.i.	Gene name	Description
2.8	Fabp1	fatty acid binding protein 1, liver (Fabp1)
2.8	1810011O10Rik	RIKEN cDNA 1810011O10 gene (1810011O10Rik)
2.7	Gm12250	predicted gene 12250 (Gm12250)
2.6	Atf3	activating transcription factor 3 (Atf3)
2.6	---	ncrna:snRNA chromosome:NCBIM37:9:90246833:90246977:1 gene:ENSMUSG00000065881
2.6	Rasgef1b	RasGEF domain family, member 1B (Rasgef1b)
2.6	Slc2a2	solute carrier family 2 (facilitated glucose transporter), member 2 (Slc2a2)
2.5	Snord15a	small nucleolar RNA, C/D box 15A (Snord15a), small nucleolar RNA.
2.4	Gm5574	Ig kappa chain V-V region L7 gene:ENSMUSG00000076563
2.4	AI324046	mRNA for immunoglobulin gamma-3 heavy chain precursor
2.4	Upp1	uridine phosphorylase 1 (Upp1)
2.3	Casp6	caspase 6 (Casp6)
2.3	Mpa2l	macrophage activation 2 like (Mpa2l)
2.3	Zbp1	Z-DNA binding protein 1 (Zbp1)
2.2	Oasl2	2'-5' oligoadenylate synthetase-like 2 (Oasl2)
2.2	Apoc2	apolipoprotein C-II (Apoc2)
2.2	Hsph1	heat shock 105kDa/110kDa protein 1 (Hsph1)
2.2	Hbegf	heparin-binding EGF-like growth factor (Hbegf)
2.2	Rbp2	retinol binding protein 2, cellular (Rbp2)
2.1	G6pc	glucose-6-phosphatase, catalytic (G6pc)
2.0	Apol10a	apolipoprotein L 10a (Apol10a)
2.0	Casp3	caspase 3 (Casp3)
2.0	Herc5	hect domain and RLD 5 (Herc5)
2.0	Psmb8	proteasome (prosome, macropain) subunit, beta type 8 (large multifunctional peptidase 7) (Psmb8)
1.9	Acot12	acyl-CoA thioesterase 12 (Acot12)
1.9	Ada	adenosine deaminase (Ada)
1.9	---	cdna:pseudogene chromosome:NCBIM37:2:18570712:18570973:-1 gene:ENSMUSG00000086882
1.9	Cycs	cytochrome c, somatic (Cycs), nuclear gene encoding mitochondrial protein
1.9	---	immunoglobulin heavy chain complex, mRNA (cDNA clone MGC:102667)
1.9	Ifitm3	interferon induced transmembrane protein 3 (Ifitm3)
1.9	Pck1	phosphoenolpyruvate carboxykinase 1, cytosolic (Pck1)
1.9	2610029I01Rik	RIKEN cDNA 2610029I01 gene (2610029I01Rik)
1.9	4933417A18Rik	RIKEN cDNA 4933417A18 gene (4933417A18Rik)
1.9	LOC100046275	similar to Igha protein gene:ENSMUSG00000076731
1.9	Sfn	stratifin (Sfn)
1.8	Apol9a	apolipoprotein L 9a (Apol9a)
1.8	Bco2	beta-carotene oxygenase 2 (Bco2)
1.8	Gprc5a	G protein-coupled receptor, family C, group 5, member A (Gprc5a)
1.8	Hsd17b6	hydroxysteroid (17-beta) dehydrogenase 6 (Hsd17b6)
1.8	---	ncrna:snRNA chromosome:NCBIM37:1:72272814:72273004:1 gene:ENSMUSG00000075752
1.8	Stat1	signal transducer and activator of transcription 1 (Stat1)
1.8	Stat2	signal transducer and activator of transcription 2 (Stat2)
1.8	Snora23	small nucleolar RNA, H/ACA box 23 (Snora23), small nucleolar RNA.
1.8	Tap1	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP) (Tap1)
1.7	Aldh4a1	aldehyde dehydrogenase 4 family, member A1 (Aldh4a1), nuclear gene encoding mitochondrial protein
1.7	Apol7a	apolipoprotein L 7a (Apol7a)
1.7	Ddx60	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60 (Ddx60)
1.7	Tra2a	transformer 2 alpha homolog (Drosophila) (Tra2a)

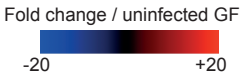
Figure S2

B

CV 72 p.i.	Gene name	Description
-5.8	V165-D-J-C mu	V165-D-J-C mu protein gene:ENSMUSG00000076717
-4.1	---	cdna:known chromosome:NCBIM37:6:67505630:67506210:1 gene:ENSMUSG00000076501
-3.7	---	immunoglobulin heavy chain complex, mRNA (cDNA clone MGC:40652)
-3.5	---	cdna:known chromosome:NCBIM37:6:68686291:68686758:-1 gene:ENSMUSG00000076530
-3.3	Gm189	Anti-VIPase light chain variable region gene:ENSMUSG00000076556
-3.3	Hba-a1	hemoglobin alpha, adult chain 1 (Hba-a1)
-3.3	Lyz1	lysozyme 1 (Lyz1)
-3.2	Hba-a2	hemoglobin alpha, adult chain 2 (Hba-a2)
-3.2	Hbb-b1	hemoglobin, beta adult major chain (Hbb-b1)
-3.0	Cyp2c55	cytochrome P450, family 2, subfamily c, polypeptide 55 (Cyp2c55)
-2.9	Dub2a	deubiquitinating enzyme 2a (Dub2a)
-2.6	Cyp3a11	cytochrome P450, family 3, subfamily a, polypeptide 11 (Cyp3a11)
-2.6	Fgf15	fibroblast growth factor 15 (Fgf15)
-2.5	---	cDNA clone MGC:25820 IMAGE:4164906
-2.5	Itln1	intelectin 1 (galactofuranose binding) (Itln1)
-2.4	Defa26	defensin, alpha, 26 (Defa26)
-2.4	Defa-rs1	defensin, alpha, related sequence 1 (Defa-rs1)
-2.4	AY036118	ETS-related transcription factor ERF (Erf1)
-2.4	Gm4964	mRNA for IgG1/kappa antibody, scFv48-CK.
-2.4	Gm7849	predicted gene 7849 (Gm7849)
-2.4	Spink4	serine peptidase inhibitor, Kazal type 4 (Spink4)
-2.3	AY761184	cDNA sequence AY761184 (AY761184)
-2.3	Ighv1-72	Mouse Ig active mu-chain mRNA V-D-J2-C region, clone 18C10.
-2.3	Gm14851	predicted gene 14851 (Gm14851)
-2.2	Defa17	defensin, alpha, 17 (Defa17)
-2.2	Defa20	defensin, alpha, 20 (Defa20)
-2.2	Defa23	defensin, alpha, 23 (Defa23)
-2.2	Defa-ps1	defensin, alpha, pseudogene 1 (Defa-ps1), non-coding RNA.
-2.2	Lyz2	lysozyme 2 (Lyz2)
-2.1	Cyp3a25	cytochrome P450, family 3, subfamily a, polypeptide 25 (Cyp3a25)
-2.1	Defa25	defensin, alpha, 25 (Defa25)
-2.1	Mmp7	matrix metallopeptidase 7 (Mmp7)
-2.1	Pnliprp2	pancreatic lipase-related protein 2 (Pnliprp2)
-2.1	Gm10104	predicted gene 10104 (Gm10104)
-2.0	Defa21	defensin, alpha, 21 (Defa21)
-2.0	Defa5	defensin, alpha, 5 (Defa5)
-2.0	Gm14850	predicted gene 14850 (Gm14850)
-2.0	Gm15284	predicted gene 15284 (Gm15284)
-2.0	Gm6696	predicted gene 6696 (Gm6696)
-1.9	Defa22	defensin, alpha, 22 (Defa22)
-1.9	Imp3	IMP3, U3 small nucleolar ribonucleoprotein, homolog (yeast) (Imp3)
-1.9	---	Mouse mammary tumor virus clone 66C env precursor (env) and vSAG protein (vSAG)
-1.9	Gm15315	predicted gene 15315 (Gm15315)
-1.9	Gm8979	predicted gene 8979 (Gm8979), non-coding RNA.
-1.9	Slc12a2	solute carrier family 12, member 2 (Slc12a2)
-1.9	Tm4sf4	transmembrane 4 superfamily member 4 (Tm4sf4)
-1.8	Gm10880	LOC100046793 protein gene:ENSMUSG00000076543
-1.8	Pyy	peptide YY (Pyy)

Figure S2

C



GF 24 p.i.	Gene name	Description
15.5	Fabp1	fatty acid binding protein 1, liver (Fabp1)
6.3	Slc9a3	solute carrier family 9 (sodium/hydrogen exchanger), member 3 (Slc9a3)
6.3	Lct	lactase (Lct)
5.6	Adh6a	alcohol dehydrogenase 6A (class V) (Adh6a)
5.3	Slc36a1	solute carrier family 36 (proton/amino acid symporter), member 1 (Slc36a1)
5.2	Reg3b	regenerating islet-derived 3 beta (Reg3b)
3.6	Ugt2a3	UDP glucuronosyltransferase 2 family, polypeptide A3 (Ugt2a3)
3.5	Ptk6	PTK6 protein tyrosine kinase 6 (Ptk6)
3.4	Slc2a2	solute carrier family 2 (facilitated glucose transporter), member 2 (Slc2a2)
3.2	Cyp2b10	cytochrome P450, family 2, subfamily b, polypeptide 10 (Cyp2b10)
3.1	Cyp3a25	cytochrome P450, family 3, subfamily a, polypeptide 25 (Cyp3a25)
3.1	Apol10a	apolipoprotein L 10a (Apol10a)
3.0	Apoc3	apolipoprotein C-III (Apoc3)
-3.2	Slc10a2	solute carrier family 10, member 2 (Slc10a2)
-3.4	Trp53inp1	transformation related protein 53 inducible nuclear protein 1 (Trp53inp1)
-3.7	Suox	sulfite oxidase (Suox), nuclear gene encoding mitochondrial protein
-5.6	Fabp6	fatty acid binding protein 6, ileal (gastrotropin) (Fabp6)
-8.0	Car3	carbonic anhydrase 3 (Car3)
-10.1	Scd1	stearoyl-Coenzyme A desaturase 1 (Scd1)

Figure S2

D

GF 72 p.i.	Gene name	Description
19.7	Ly6a	lymphocyte antigen 6 complex, locus A (Ly6a)
19.3	Herc5	hect domain and RLD 5 (Herc5)
17.7	Irgm1	immunity-related GTPase family M member 1 (Irgm1)
17.5	Reg3g	regenerating islet-derived 3 gamma (Reg3g)
17.4	Gm12250	predicted gene 12250 (Gm12250)
17.0	---	Ring finger protein 213 gene:ENSMUSG00000070327
15.7	Gm5431	predicted gene 5431 (Gm5431)
15.5	Irgm2	immunity-related GTPase family M member 2 (Irgm2)
14.3	Gbp2	guanylate binding protein 2 (Gbp2)
14.2	Ifi44	interferon-induced protein 44 (Ifi44)
14.0	Tgtp1	T-cell specific GTPase 1 (Tgtp1)
14.0	Upp1	uridine phosphorylase 1 (Upp1)
13.8	Iigp1	interferon inducible GTPase 1 (Iigp1)
12.6	Mpa2l	macrophage activation 2 like (Mpa2l)
12.0	Apol10a	apolipoprotein L 10a (Apol10a)
12.0	Rnf213	premature mRNA for mKIAA1554 protein.
11.4	Oasl2	2'-5' oligoadenylate synthetase-like 2 (Oasl2)
10.6	Nudt5	nudix (nucleoside diphosphate linked moiety X)-type motif 5 (Nudt5)
10.3	Dmbt1	deleted in malignant brain tumors 1 (Dmbt1)
10.2	Zbp1	Z-DNA binding protein 1 (Zbp1)
10.0	Stat1	signal transducer and activator of transcription 1 (Stat1)
9.9	Trim30	tripartite motif-containing 30 (Trim30)
9.8	Nlrc5	NLR family, CARD domain containing 5 (Nlrc5)
9.5	Ddx60	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60 (Ddx60)
8.9	Gbp6	guanylate binding protein 6 (Gbp6)
8.9	Tap1	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP) (Tap1)
8.6	Ido1	indoleamine 2,3-dioxygenase 1 (Ido1)
7.2	Parp14	poly (ADP-ribose) polymerase family, member 14 (Parp14)
6.9	Fabp1	fatty acid binding protein 1, liver (Fabp1)
6.8	Ifit1	interferon-induced protein with tetratricopeptide repeats 1 (Ifit1)
6.8	Oas1g	2'-5' oligoadenylate synthetase 1G (Oas1g)
6.8	Usp18	ubiquitin specific peptidase 18 (Usp18)
6.6	Duox2	dual oxidase 2 (Duox2)
6.4	Rtp4	receptor transporter protein 4 (Rtp4)
6.3	Slfn2	schlafen 2 (Slfn2)
6.0	Psmb8	proteasome (prosome, macropain) subunit, beta type 8 (large multifunctional peptidase 7) (Psmb8)
5.9	Duoxa2	dual oxidase maturation factor 2 (Duoxa2)
5.8	Slc36a1	solute carrier family 36 (proton/amino acid symporter), member 1 (Slc36a1)
5.7	Tifa	TRAF-interacting protein with forkhead-associated domain (Tifa)
5.6	Alpk1	alpha-kinase 1 (Alpk1)
5.6	Oas3	2'-5' oligoadenylate synthetase 3 (Oas3)
5.4	Mlkl	mixed lineage kinase domain-like (Mlkl)
5.4	Sp100	nuclear antigen Sp100 (Sp100)
5.4	Trim12	tripartite motif-containing 12 (Trim12)
5.1	Gbp3	guanylate binding protein 3 (Gbp3)
5.1	Irf7	interferon regulatory factor 7 (Irf7)
5.1	Ly6e	lymphocyte antigen 6 complex, locus E (Ly6e)
5.1	Stom	stomatin (Stom)
5.0	Fut2	fucosyltransferase 2 (Fut2)
5.0	Samhd1	SAM domain and HD domain, 1 (Samhd1)
5.0	Xdh	xanthine dehydrogenase (Xdh)
4.9	Gbp4	guanylate binding protein 4 (Gbp4)
4.8	Irf1	interferon regulatory factor 1 (Irf1)
4.8	Slfn5	schlafen 5 (Slfn5)
4.7	Ptk6	PTK6 protein tyrosine kinase 6 (Ptk6)
4.6	Ifitm3	interferon induced transmembrane protein 3 (Ifitm3)
4.5	Stat2	signal transducer and activator of transcription 2 (Stat2)
4.4	Slc9a3	solute carrier family 9 (sodium/hydrogen exchanger), member 3 (Slc9a3)
4.3	Dtx3l	deltex 3-like (Drosophila) (Dtx3l)
4.2	Eif2ak2	eukaryotic translation initiation factor 2-alpha kinase 2 (Eif2ak2)
4.1	Cd74	CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated) (Cd74)
4.1	Gda	guanine deaminase (Gda)
4.1	Hk2	hexokinase 2 (Hk2)
4.1	Rnf19b	ring finger protein 19B (Rnf19b)
4.0	Dbf4	DBF4 homolog (S. cerevisiae) (Dbf4)
4.0	Parp9	poly (ADP-ribose) polymerase family, member 9 (Parp9)
4.0	Psmb9	proteasome (prosome, macropain) subunit, beta type 9 (large multifunctional peptidase 2) (Psmb9)
4.0	Tnfsf10	tumor necrosis factor (ligand) superfamily, member 10 (Tnfsf10)
3.9	Hsp90b1	heat shock protein 90, beta (Grp94), member 1 (Hsp90b1)
3.9	Il18	interleukin 18 (Il18)
3.9	Rnasel	ribonuclease L (2', 5'-oligoisoadenylate synthetase-dependent) (Rnasel)
3.8	2210415F13Rik	RIKEN cDNA 2210415F13 gene (2210415F13Rik)
3.8	Fam3b	family with sequence similarity 3, member B (Fam3b)
3.8	Tat	tyrosine aminotransferase (Tat), nuclear gene encoding mitochondrial protein

Figure S2

D

GF 72 p.i.	Gene name	Description
3.7	Car4	carbonic anhydrase 4 (Car4)
3.7	Creld2	cysteine-rich with EGF-like domains 2 (Creld2)
3.7	Nmi	N-myc (and STAT) interactor (Nmi)
3.7	Pnpt1	polyribonucleotide nucleotidyltransferase 1 (Pnpt1)
3.6	Casp3	caspase 3 (Casp3)
3.6	Il13ra1	interleukin 13 receptor, alpha 1 (Il13ra1)
3.5	B3galt5	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 5 (B3galt5)
3.5	Gpx2	glutathione peroxidase 2 (Gpx2)
3.5	Ifih1	interferon induced with helicase C domain 1 (Ifih1)
3.5	Nampt	nicotinamide phosphoribosyltransferase (Nampt)
3.5	Unc93a	unc-93 homolog A (C. elegans) (Unc93a)
3.4	Batf2	basic leucine zipper transcription factor, ATF-like 2 (Batf2)
3.4	Ccnd1	cyclin D1 (Ccnd1)
3.4	H2-Ab1	histocompatibility 2, class II antigen A, beta 1 (H2-Ab1)
3.4	Parp12	poly (ADP-ribose) polymerase family, member 12 (Parp12)
3.4	Plac8	placenta-specific 8 (Plac8)
3.3	4930420K17Rik	RIKEN cDNA 4930420K17 gene, mRNA (cDNA clone MGC:182285)
3.3	4932438A13Rik	RIKEN cDNA 4932438A13 gene (4932438A13Rik)
3.3	Adh6a	alcohol dehydrogenase 6A (class V) (Adh6a)
3.3	Ceacam1	carcinoembryonic antigen-related cell adhesion molecule 1 (Ceacam1)
3.3	Eif2s2	eukaryotic translation initiation factor 2, subunit 2 (beta) (Eif2s2)
3.3	Hsph1	heat shock 105kDa/110kDa protein 1 (Hsph1)
3.3	Lgals3bp	lectin, galactoside-binding, soluble, 3 binding protein (Lgals3bp)
3.3	Lgals9	lectin, galactose binding, soluble 9 (Lgals9)
3.3	Mafb	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein B (avian) (Mafb)
3.3	Nos2	nitric oxide synthase 2, inducible (Nos2)
3.2	BC006779	cDNA sequence BC006779 (BC006779)
3.2	Bst2	bone marrow stromal cell antigen 2 (Bst2)
3.2	Cycs	cytochrome c, somatic (Cycs), nuclear gene encoding mitochondrial protein
3.2	Ddx58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58 (Ddx58)
3.1	Acadl	acyl-Coenzyme A dehydrogenase, long-chain (Acadl), nuclear gene encoding mitochondrial protein
3.1	Arap2	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 2 (Arap2)
3.1	Asns	asparagine synthetase (Asns)
3.1	Atp8a1	ATPase, aminophospholipid transporter (APLT), class I, type 8A, member 1 (Atp8a1)
3.1	BC025446	cDNA sequence BC025446, mRNA (cDNA clone MGC:29251)
3.1	Casp1	caspase 1 (Casp1)
3.1	Dnajb11	DnaJ (Hsp40) homolog, subfamily B, member 11 (Dnajb11)
3.1	Gm9992	predicted gene 9992 (Gm9992)
3.1	Hsd17b6	hydroxysteroid (17-beta) dehydrogenase 6 (Hsd17b6)
3.1	Irf8	interferon regulatory factor 8 (Irf8)
3.1	Ly6c1	lymphocyte antigen 6 complex, locus C1 (Ly6c1)
3.1	Ppt1	palmitoyl-protein thioesterase 1 (Ppt1)
3.1	Ube2l6	ubiquitin-conjugating enzyme E2L 6 (Ube2l6)
3.0	Ms4a12	PREDICTED: membrane-spanning 4-domains, subfamily A, member 12 (Ms4a12)
3.0	Rab8b	RAB8B, member RAS oncogene family (Rab8b)
3.0	Tax1bp1	Tax1 (human T-cell leukemia virus type I) binding protein 1 (Tax1bp1)
3.0	Ttc39b	tetratricopeptide repeat domain 39B (Ttc39b)
3.0	Vwa5a	von Willebrand factor A domain containing 5A (Vwa5a)
2.9	2210407C18Rik	RIKEN cDNA 2210407C18 gene (2210407C18Rik)
2.9	Chordc1	cysteine and histidine-rich domain (CHORD)-containing, zinc-binding protein 1 (Chordc1)
2.9	Chst4	carbohydrate (chondroitin 6/keratan) sulfotransferase 4 (Chst4)
2.9	Lpgat1	lysophosphatidylglycerol acyltransferase 1 (Lpgat1)
2.9	Mmp7	matrix metallopeptidase 7 (Mmp7)
2.9	Mpp5	membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5) (Mpp5)
2.9	Npm1	nucleophosmin 1 (Npm1)
2.9	Phgdh	3-phosphoglycerate dehydrogenase (Phgdh)
2.9	Pla2g16	phospholipase A2, group XVI (Pla2g16)
2.9	Rnf160	ring finger protein 160 (Rnf160)
2.9	Rrbp1	ribosome binding protein 1 (Rrbp1)
2.9	Trafd1	TRAF type zinc finger domain containing 1 (Trafd1)
2.8	AI451617	expressed sequence AI451617 (AI451617)
2.8	Cd38	CD38 antigen (Cd38)
2.8	Ext1	exostoses (multiple) 1 (Ext1)
2.8	H2-T22	histocompatibility 2, T region locus 22 (H2-T22)
2.8	Hsp90aa1	heat shock protein 90, alpha (cytosolic), class A member 1 (Hsp90aa1)
2.8	Pla2g2a	phospholipase A2, group IIA (platelets, synovial fluid) (Pla2g2a)
2.8	Psme2	proteasome (prosome, macropain) 28 subunit, beta (Psme2)
2.8	Slc5a12	solute carrier family 5 (sodium/glucose cotransporter), member 12 (Slc5a12)
2.8	Top2a	topoisomerase (DNA) II alpha (Top2a)
2.7	---	gi|34538597|ref|NC_005089.1|:2676-2750, tRNA-Leu
2.7	Aldh4a1	aldehyde dehydrogenase 4 family, member A1 (Aldh4a1), nuclear gene encoding mitochondrial protein
2.7	Apobec3	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 3 (Apobec3)
2.7	Ascc3	activating signal cointegrator 1 complex subunit 3 (Ascc3)
2.7	Dnaja1	DnaJ (Hsp40) homolog, subfamily A, member 1 (Dnaja1)

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GF 72 p.i.	Gene name	Description
2.7	Gm6548	predicted gene 6548 (Gm6548), non-coding RNA.
2.7	Oas1a	2'-5' oligoadenylate synthetase 1A (Oas1a)
2.7	Ociad2	OCIA domain containing 2 (Ociad2)
2.7	Ripk3	receptor-interacting serine-threonine kinase 3 (Ripk3)
2.7	Serping1	serine (or cysteine) peptidase inhibitor, clade G, member 1 (Serping1)
2.7	Vmn2r-ps14	vomeronasal 2, receptor, pseudogene 14 (Vmn2r-ps14), non-coding RNA.
2.7	Zcchc11	zinc finger, CCHC domain containing 11 (Zcchc11)
2.6	Adar	adenosine deaminase, RNA-specific (Adar)
2.6	Aspa	aspartoacylase (Aspa)
2.6	Dcp2	DCP2 decapping enzyme homolog (S. cerevisiae) (Dcp2)
2.6	Ftsjd2	FtsJ methyltransferase domain containing 2 (Ftsjd2)
2.6	H2-Eb1	histocompatibility 2, class II antigen E beta (H2-Eb1)
2.6	H2-gs10	MHC class I like protein GS10 (H2-gs10)
2.6	Hspa5	heat shock protein 5 (Hspa5)
2.6	Hspd1	heat shock protein 1 (chaperonin) (Hspd1), nuclear gene encoding mitochondrial protein
2.6	Hyou1	hypoxia up-regulated 1 (Hyou1)
2.6	Irf9	interferon regulatory factor 9 (Irf9)
2.6	Ppm1k	protein phosphatase 1K (PP2C domain containing) (Ppm1k)
2.6	Smarca5	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5 (Smarca5)
2.6	Tm4sf20	transmembrane 4 L six family member 20 (Tm4sf20)
2.6	Tmc5	transmembrane channel-like gene family 5 (Tmc5)
2.6	Wars	tryptophanyl-tRNA synthetase (Wars)
2.5	---	Ig kappa chain, mRNA (cDNA clone MGC:30228)
2.5	1110059E24Rik	RIKEN cDNA 1110059E24 gene, mRNA (cDNA clone MGC:30990)
2.5	Btnl7	butyrophilin-like 7 (Btnl7)
2.5	Calu	calumenin (Calu)
2.5	Ccdc25	coiled-coil domain containing 25 (Ccdc25)
2.5	Erap1	endoplasmic reticulum aminopeptidase 1 (Erap1)
2.5	Gcnt3	glucosaminyl (N-acetyl) transferase 3, mucin type (Gcnt3)
2.5	H2-Aa	histocompatibility 2, class II antigen A, alpha (H2-Aa)
2.5	Hat1	histone aminotransferase 1 (Hat1)
2.5	Pdia4	protein disulfide isomerase associated 4 (Pdia4)
2.5	Ppm1h	protein phosphatase 1H (PP2C domain containing) (Ppm1h)
2.5	Prpf40a	PRP40 pre-mRNA processing factor 40 homolog A (yeast) (Prpf40a)
2.5	Sbno2	strawberry notch homolog 2 (Drosophila) (Sbno2)
2.5	Set	SET translocation (Set)
2.5	Slc44a1	Solute carrier family 44, member 1 gene:ENSMUSG00000028412
2.5	Socs3	suppressor of cytokine signaling 3 (Socs3)
2.5	Uggt1	UDP-glucose glycoprotein glucosyltransferase 1 (Uggt1)
2.5	Zc3h7a	zinc finger CCCH type containing 7 A (Zc3h7a)
2.4	2810417H13Rik	RIKEN cDNA 2810417H13 gene (2810417H13Rik)
2.4	Bco2	beta-carotene oxygenase 2 (Bco2)
2.4	Cbx3	chromobox homolog 3 (Drosophila HP1 gamma) (Cbx3)
2.4	Galnt1	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 1 (Galnt1)
2.4	Glod5	glyoxalase domain containing 5 (Glod5)
2.4	H2-Q6	histocompatibility 2, Q region locus 6 (H2-Q6)
2.4	Ptges3	prostaglandin E synthase 3 (cytosolic) (Ptges3)
2.4	Rpn1	ribophorin I (Rpn1)
2.4	Slc30a5	solute carrier family 30 (zinc transporter), member 5 (Slc30a5)
2.4	Smpdl3b	sphingomyelin phosphodiesterase, acid-like 3B (Smpdl3b)
2.4	Sulf2	sulfatase 2 (Sulf2)
2.4	Tra2a	transformer 2 alpha homolog (Drosophila) (Tra2a)
2.3	A230046K03Rik	RIKEN cDNA A230046K03 gene (A230046K03Rik)
2.3	C1galt1	core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase, 1 (C1galt1)
2.3	Denr	density-regulated protein (Denr)
2.3	Eif1a	eukaryotic translation initiation factor 1A (Eif1a)
2.3	Elmo1	engulfment and cell motility 1, ced-12 homolog (C. elegans) (Elmo1)
2.3	Ifi35	interferon-induced protein 35 (Ifi35)
2.3	Myd88	myeloid differentiation primary response gene 88 (Myd88)
2.3	Purb	Transcriptional activator protein Pur-beta gene:ENSMUSG00000049647
2.3	Tgm2	transglutaminase 2, C polypeptide (Tgm2)

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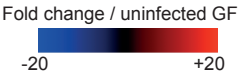

GF 72 p.i.	Gene name	Description
-9.2	Cyp2d26	cytochrome P450, family 2, subfamily d, polypeptide 26 (Cyp2d26)
-7.8	Cubn	cubilin (intrinsic factor-cobalamin receptor) (Cubn)
-7.7	Tm4sf4	transmembrane 4 superfamily member 4 (Tm4sf4)
-6.5	Gsta4	glutathione S-transferase, alpha 4 (Gsta4)
-6.3	Scd1	stearoyl-Coenzyme A desaturase 1 (Scd1)
-5.8	Car3	carbonic anhydrase 3 (Car3)
-5.6	Cyp2c65	cytochrome P450, family 2, subfamily c, polypeptide 65 (Cyp2c65)
-5.3	Akr1c14	aldo-keto reductase family 1, member C14 (Akr1c14)
-5.1	Reg4	regenerating islet-derived family, member 4 (Reg4)
-4.5	Slc5a4b	solute carrier family 5 (neutral amino acid transporters, system A), member 4b (Slc5a4b)
-4.4	Akr1c19	aldo-keto reductase family 1, member C19 (Akr1c19)
-4.4	Mt2	metallothionein 2 (Mt2)
-4.0	Sord	sorbitol dehydrogenase (Sord)
-3.9	Pmp22	peripheral myelin protein 22 (Pmp22)
-3.7	S100a6	S100 calcium binding protein A6 (calcyclin) (S100a6)
-3.5	Nt5e	5' nucleotidase, ecto (Nt5e)
-3.5	Tmem195	transmembrane protein 195 (Tmem195)
-3.2	Fgf15	fibroblast growth factor 15 (Fgf15)
-3.2	Gsta1	glutathione S-transferase, alpha 1 (Ya) (Gsta1)
-3.2	Gstm3	glutathione S-transferase, mu 3 (Gstm3)
-3.0	Tm7sf2	transmembrane 7 superfamily member 2 (Tm7sf2)
-2.9	Adh1	alcohol dehydrogenase 1 (class I) (Adh1)
-2.9	Gsta2	glutathione S-transferase, alpha 2 (Yc2) (Gsta2)
-2.8	Gm10639	predicted gene 10639 (Gm10639)
-2.7	2010109I03Rik	RIKEN cDNA 2010109I03 gene (2010109I03Rik)
-2.7	Trp53inp1	transformation related protein 53 inducible nuclear protein 1 (Trp53inp1)
-2.6	Cldn4	claudin 4 (Cldn4)
-2.6	Hist1h1c	histone cluster 1, H1c (Hist1h1c)
-2.5	Mt1	metallothionein 1 (Mt1)
-2.5	Olfr767	olfactory receptor 767 (Olfr767)
-2.5	Pnliprp2	pancreatic lipase-related protein 2 (Pnliprp2)
-2.4	Id2	inhibitor of DNA binding 2 (Id2)
-2.4	Slc28a2	solute carrier family 28 (sodium-coupled nucleoside transporter), member 2 (Slc28a2)