Supplemental Table 2

Wildtype Infection

Gene ID	Gene Name	Score(d)	Numer(r)	Denom(s+s0)	Fold Change
mMC005764	chemokine (C-C motif) ligand 7	4.30	5.65	1.31	23.01
mMC022537	chemokine (C-C motif) ligand 2	2.32	2.78	1.20	6.67
mMC026407	fatty acid binding protein 4, adipocyte	2.54	1.99	0.78	5.23
mMC016376	matrix metalloproteinase 8	2.04	1.47	0.72	3.96
mMC007495	deiodinase, iodothyronine, type II	1.84	1.70	0.92	3.78
mMR027102	histone 2, H2be	3.70	1.78	0.48	3.55
mMC001616	RIKEN cDNA A630082K20 gene	3.77	1.76	0.47	3.46
mMC007881	secretory leukocyte protease inhibitor	2.28	1.59	0.70	3.44
mMC014660	cDNA sequence BC018601	2.65	1.59	0.60	2.81
mMR030693	angiopoietin-like 4	2.11	1.38	0.65	2.60
mMC002127	metallothionein 2	1.94	1.39	0.72	2.49
mMC024097	RIKEN cDNA 1110033J19 gene	2.90	1.29	0.45	2.46
mMC010037	myocyte maintenance	3.31	1.28	0.39	2.44
mMC002484	immunoresponsive gene 1	2.05	2.68	1.31	2.35
mMR026966	brain abundant, membrane attached signal protein 1	1.89	1.13	0.60	2.22
mMC009603	stromal cell-derived factor 2-like 1	2.16	1.12	0.52	2.17
mMR030367	ubiquitin-conjugating enzyme E2E 1, UBC4/5 homolog (yeast	2.39	1.14	0.48	2.16
mMC023478	fatty acid binding protein 3, muscle and heart	1.88	1.02	0.54	2.08
mMR026724	RIKEN cDNA 1200016E24 gene	1.98	1.07	0.54	2.06
mMR029959	SRY-box containing gene 12	2.46	1.04	0.42	2.05
mMR028069	lamin A	2.14	1.05	0.49	2.04
mMC008807	RIKEN cDNA 2500002B13 gene	2.02	1.03	0.51	2.03
mMC005082	cholesterol 25-hydroxylase	-2.82	-1.97	0.70	0.27

OPB -/- Infection

Gene ID	Gene Name	Score(d)	Numer(r)	Denom(s+s0)	Fold Change
mMC003602	DNA2 DNA replication helicase 2-like (yeast)	3.75	3.52	0.94	9.64
mMC007495	deiodinase, iodothyronine, type II	2.12	2.56	1.21	8.35
mMC006170	kit ligand	4.25	2.95	0.69	7.57
mMC005499	RNA binding motif protein 28	3.70	3.05	0.82	7.55
mMC015111	RIKEN cDNA 2900034E22 gene	3.08	3.24	1.05	7.48
mMR001504	Mus musculus clone MBI-29 H/ACA box snoRNA, partial seq	3.89	2.71	0.70	6.40
mMC020007	APG4 (ATG4) autophagy-related homolog C (S. cerevisiae)	3.51	2.60	0.74	6.32
mMC000799	expressed sequence AW146020	4.31	2.62	0.61	6.16
mMC006086	expressed sequence AI429613	4.11	2.60	0.63	6.12
mMC013887	RIKEN cDNA 2810446P07 gene	3.48	2.63	0.75	5.81
mMC000878	chromatin accessibility complex 1	3.72	2.56	0.69	5.75
mMC012003	phosphatidylinositol 4-kinase type 2 beta	4.19	2.51	0.60	5.72
mMR029883	RAN, member RAS oncogene family	2.79	2.51	0.90	5.71
mMC005979	nucleolar protein 7	3.27	2.54	0.78	5.51
mMC020739	periphilin 1	3.76	2.44	0.65	5.46
mMC004671	putative homeodomain transcription factor 2	3.00	2.64	0.88	5.45
mMC021698	retinoic acid early transcript 1E	3.51	2.37	0.67	5.43
mMC006003	RIKEN cDNA 5730507C05 gene	3.32	2.48	0.75	5.42
mMC017394	WD repeat domain 43	3.23	2.44	0.75	5.39
mMC001599	RIKEN cDNA 2610020O08 gene	3.40	2.47	0.73	5.31
mMC022779	serine (or cysteine) proteinase inhibitor, clade B, member	2.62	3.03	1.16	5.16
mMC014055	GTPase activating RANGAP domain-like 1	3.22	2.41	0.75	5.12
mMC009664	protein tyrosine phosphatase, non-receptor type 2	3.33	2.41	0.73	5.09
mMC019852	insulin induced gene 1	3.03	2.18	0.72	4.98
mMC022310	platelet-activating factor acetylhydrolase, isoform 1b, alp	3.23	2.39	0.74	4.97
mMC018879	expressed sequence AU040576	3.22	2.34	0.73	4.95
mMR029630	RIKEN cDNA 5430439M09 gene	2.85	2.40	0.84	4.87
mMC004407	solute carrier family 25 (mitochondrial carrier, Graves dis	3.16	2.36	0.75	4.85
mMC001086	N-sulfoglucosamine sulfohydrolase (sulfamidase)	3.08	2.34	0.76	4.79
mMC016467	enhancer of zeste homolog 2 (Drosophila)	3.02	2.17	0.72	4.77
mMC003291	macrophage galactose N-acetyl-galactosamine specific lectin	2.43	2.80	1.15	4.67
mMC026407	fatty acid binding protein 4, adipocyte	2.21	1.99	0.90	4.61
mMR030687	splicing factor, arginine/serine-rich 10 (transformer 2 hom	2.72	2.25	0.83	4.60
mMC007638	RIKEN cDNA 2210406H18 gene	2.34	2.21	0.95	4.56
mMR027102	histone 2, H2be	3.37	2.18	0.65	4.56

mMR027615	PYD and CARD domain containing	2.50	2.24	0.90	4.52
mMC006658	zinc finger protein 455	2.91	2.26	0.78	4.51
mMC003422	NADPH cytochrome B5 oxidoreductase	3.00	2.24	0.75	4.47
mMR027519	zuotin related factor 2	2.75	2.23	0.81	4.47
mMC007646	RIKEN cDNA 5430440L12 gene	2.55	2.30	0.90	4.46
mMC019084	RIKEN cDNA 2610507B11 gene	2.62	2.56	0.98	4.42
mMC001014	phospholipase A2, activating protein	3.05	2.17	0.71	4.38
mMC023058	RIKEN cDNA 2310057M21 gene	2.83	2.20	0.78	4.37
mMC010037	myocyte maintenance	3.75	2.13	0.57	4.37
mMC003326	NHL repeat containing 1	2.71	2.28	0.84	4.35
mMC001719	peroxiredoxin 6, related sequence 1	2.50	2.28	0.91	4.35
mMC009723	TATA box binding protein-like 1	2.63	2.28	0.87	4.35
mMR030470	retinoic acid early transcript delta	2.10	2.13	1.01	4.33
mMC003807	FK506 binding protein-like	2.76	2.12	0.77	4.31
mMC006411	poly (A) polymerase alpha	2.78	2.20	0.79	4.31
mMC004575	PKD2 interactor, golgi and endoplasmic reticulum associated	2.96	2.17	0.73	4.31
mMR027673	trans-acting transcription factor 3	3.02	2.12	0.70	4.19
mMC000940	transmembrane 4 superfamily member 13	2.47	2.13	0.86	4.15
mMC020753	DnaJ (Hsp40) homolog, subfamily C, member 1	3.18	2.08	0.65	4.11
mMC024520	RIKEN cDNA 2610207I05 gene	2.75	2.11	0.77	4.10
mMC002510	RecQ protein-like	2.57	2.12	0.82	4.04
mMC004095	glutamate-cysteine ligase, catalytic subunit	1.91	2.14	1.12	4.04
mMC018459	RIKEN cDNA 2310076G09 gene	2.83	2.05	0.72	4.03
mMC012317	DNA segment, Chr 2, ERATO Doi 112, expressed	2.77	2.07	0.75	3.99
mMC023750	PAS domain containing serine/threonine kinase	1.90	1.89	1.00	3.98
mMC011179	glomulin, FKBP associated protein	2.88	2.01	0.70	3.96
mMC016376	matrix metalloproteinase 8	1.88	1.62	0.86	3.93
mMC016672	RIKEN cDNA 1810012P15 gene	2.58	1.91	0.74	3.91
mMC011284	ankyrin repeat, family A (RFXANK-like), 2	2.73	2.01	0.74	3.86
mMC003195	RIKEN cDNA 4930573I19 gene	2.51	1.97	0.78	3.85
mMC007695	fibroblast growth factor inducible 15	2.21	2.16	0.98	3.85
mMC023367	dolichol-phosphate (beta-D) mannosyltransferase 1	2.35	2.34	1.00	3.83
mMR030693	angiopoietin-like 4	2.08	1.84	0.88	3.79
mMC008415	RIKEN cDNA 2310058A11 gene	2.49	2.11	0.85	3.79
mMC004651	FK506 binding protein 3	2.88	1.87	0.65	3.77
mMC015762	chromosome condensation 1-like	2.36	2.00	0.85	3.76
mMA032511	Mus musculus zinc finger, CCHC domain containing 8 (Zcchc	3.05	1.92	0.63	3.76
mMC004923	RIKEN cDNA 1810027I20 gene	2.08	2.14	1.03	3.75
mMC005919	phosphoribosyl pyrophosphate synthetase 2	2.37	2.12	0.89	3.73
mMC022492	RIKEN cDNA 1110034E15 gene	1.89	1.70	0.90	3.73
mMC007601	hydroxyacid oxidase 1, liver	1.89	1.88	0.99	3.73
mMC025755	NOL1/NOP2/Sun domain family 3	2.31	2.30	0.99	3.70
mMR026859	hypothetical APG4 (ATG4) autophagy-related homolog A pse	2.89	1.90	0.66	3.70
mMC023380	glucosamine-phosphate N-acetyltransferase 1	2.72	1.93	0.71	3.70
mMR028827	ectonucleoside triphosphate diphosphohydrolase 1	1.86	1.96	1.05	3.69
mMC006112	RIKEN cDNA A930001N09 gene	2.34	2.06	0.88	3.69
mMC016816	RIKEN cDNA 9630054F20 gene	2.29	1.98	0.87	3.65
mMC001651	COP9 (constitutive photomorphogenic) homolog, subunit 2 (A	3.14	1.86	0.59	3.64
mMC018207	RIKEN cDNA 1700020I14 gene	2.09	2.10	1.01	3.60
mMC001779	SEC24 related gene family, member D (S. cerevisiae)	2.26	2.07	0.92	3.59
mMC002342	zinc finger, CSL domain containing 2	2.27	2.00	0.88	3.58
mMC007881	secretory leukocyte protease inhibitor	1.74	1.57	0.90	3.56
mMC002008	RIKEN cDNA 1110001C20 gene	2.47	1.89	0.77	3.53
mMA035547	Mus musculus interferon activated gene 205 (Ifi205), mRNA.	2.33	1.94	0.83	3.52
mMC010936	RIKEN cDNA 2310029O18 gene	2.84	1.83	0.65	3.52
mMC001082	RIKEN cDNA 1110034N17 gene	2.62	1.85	0.71	3.51
mMC011453	ubiquitin specific protease 38	2.51	1.82	0.73	3.49
mMC003340	tumor necrosis factor receptor superfamily, member 23	2.30	1.85	0.80	3.49
mMC021713	RIKEN cDNA 6230421P05 gene	2.26	1.89	0.83	3.46
mMC002631	jagged 1	1.67	1.79	1.07	3.44
mMC022598	histocompatibility 2, Q region locus 8	1.94	1.99	1.03	3.44
mMC008859	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypep	2.35	1.89	0.80	3.42
mMC013204	von Hippel-Lindau syndrome homolog	2.60	1.80	0.69	3.40
mMC026330	kelch-like 6 (Drosophila)	2.19	2.02	0.92	3.38
mMC026163	nucleoporin 50	2.31	1.82	0.79	3.38

mMC013312	NMDA receptor-regulated gene 2	2.56	1.77	0.69	3.36
mMC009567	RIKEN cDNA 2610019N13 gene	2.15	1.88	0.87	3.36
mMC011259	F-box only protein 5	1.75	1.86	1.07	3.33
mMC006197	DEAH (Asp-Glu-Ala-His) box polypeptide 40	2.23	1.75	0.78	3.30
mMC015711	sirtuin 5 (silent mating type information regulation 2 homo	2.38	1.75	0.74	3.29
mMR030183	hook homolog 3 (Drosophila)	2.38	1.77	0.74	3.29
mMC012257	DNA segment, Chr 8, ERATO Doi 233, expressed	2.42	1.72	0.71	3.27
mMC011533	lanosterol synthase	2.27	1.69	0.74	3.26
mMC021173	RIKEN cDNA 9130002C22 gene	1.92	1.79	0.93	3.25
mMC022326	DnaJ (Hsp40) homolog, subfamily B, member 4	2.56	1.70	0.66	3.24
mMC009793	DNA methyltransferase 3A	1.89	1.51	0.80	3.24
mMC004791	synaptosomal-associated protein 23	2.43	1.67	0.69	3.23
mMC019905	UDP-glucose dehydrogenase	2.82	1.67	0.59	3.22
mMC009041	WD repeat domain 35	2.37	1.67	0.70	3.21
mMA034131	Mus musculus DNA segment, Chr 2, ERATO Doi 750, expres	2.19	1.73	0.79	3.21
mMC002439	RIKEN cDNA 2610511M17 gene	2.39	1.74	0.73	3.20
mMC010612	sorting nexin 7	2.09	1.82	0.87	3.20
mMC003808	circadian locomoter output cycles kaput	2.37	1.74	0.73	3.19
mMC022146	latrophilin 2	2.25	1.61	0.72	3.19
mMC012033	RIKEN cDNA 2210419I08 gene	1.95	1.84	0.95	3.19
mMC019636	RIKEN cDNA 2010003O18 gene	2.21	1.77	0.80	3.17
mMC015704	ring finger and KH domain containing 2	2.80	1.64	0.59	3.17
mMC021830	cAMP responsive element binding protein 5	1.97	1.72	0.87	3.17
mMC013059	ankyrin repeat and SOCS box-containing protein 4	1.91	1.71	0.90	3.16
mMR028265	G protein-coupled receptor 73	1.96	1.68	0.85	3.16
mMC007145	cofilin 2, muscle	2.36	1.72	0.73	3.15
mMC026427	ubiquitin specific protease 10	2.02	1.76	0.87	3.14
mMC011549	RIKEN cDNA E030003F13 gene	2.24	1.73	0.77	3.13
mMC019239	chromobox homolog 1 (Drosophila HP1 beta)	2.14	1.82	0.85	3.11
mMC009159	kinesin-associated protein 3	2.43	1.64	0.67	3.10
mMC023391	RIKEN cDNA 1110001A07 gene	1.71	1.53	0.89	3.10
mMR028629	DNA segment, Chr 6, Brigham & Women's Genetics 1452 ex	2.85	1.63	0.57	3.09
mMC009076	RIKEN cDNA 1300019C06 gene	2.39	1.63	0.68	3.09
mMC017202	RIKEN cDNA 2400002F11 gene	2.51	1.65	0.66	3.09
mMA033045	Mus musculus rabaptin, RAB GTPase binding effector protein	2.05	1.74	0.85	3.08
mMR029680	PHD finger protein 12	2.44	1.67	0.69	3.08
mMC026053	tumor necrosis factor (ligand) superfamily, member 12	2.22	1.62	0.73	3.08
mMA031304	Mus musculus Down syndrome critical region homolog 1 (hur	1.47	1.33	0.91	3.07
mMC007564	B lymphoma Mo-MLV insertion region 1	2.18	1.67	0.77	3.05
mMC003457	expressed sequence C80587	2.26	1.63	0.72	3.04
mMC017151	mesoderm development candidate 1	2.33	1.61	0.69	3.03
mMC015675	DnaJ (Hsp40) homolog, subfamily C, member 14	2.25	1.71	0.76	3.03
mMC004995	RAB8B, member RAS oncogene family	1.90	1.82	0.96	3.03
mMC004457	RIKEN cDNA 2410007P03 gene	2.45	1.61	0.66	3.02
mMC003929	plexin A2	1.85	1.55	0.84	3.02
mMC005570	RIKEN cDNA 2510006C20 gene	2.59	1.61	0.62	3.01
mMC023571	zinc finger, BED domain containing 4	2.36	1.61	0.68	3.00
mMC011944	acid phosphatase 5, tartrate resistant	1.98	1.65	0.83	3.00
mMC018891	RIKEN cDNA 2700023J09 gene	2.36	1.63	0.69	3.00
mMC016277	N-acetyltransferase 2 (arylamine N-acetyltransferase)	2.51	1.57	0.63	3.00
mMC020919	ubiquitin-conjugating enzyme E2 variant 2	2.07	1.65	0.79	3.00
mMC023668	microtubule-associated protein 4	2.31	1.62	0.70	3.00
mMC001616	RIKEN cDNA A630082K20 gene	2.49	1.57	0.63	2.99
mMC006363	proline-rich nuclear receptor coactivator 1	1.84	1.85	1.01	2.98
mMC004455	RIKEN cDNA 2310044D20 gene	2.08	1.62	0.78	2.98
mMC012964	RIKEN cDNA B230337E12 gene	2.16	1.66	0.77	2.98
mMC010815	RIKEN cDNA 2810422B04 gene	2.15	1.62	0.75	2.98
mMC002511	RIKEN cDNA A630084N20 gene	2.06	1.60	0.78	2.97
mMC009821	general transcription factor II H, polypeptide 2	2.20	1.64	0.75	2.97
mMC019911	nuclear factor of activated T-cells, cytoplasmic, calcineur	2.07	1.72	0.83	2.96
mMR026751	RIKEN cDNA C530046L02 gene	2.10	1.63	0.78	2.95
mMC013647	RIKEN cDNA A430103D13 gene	2.21	1.61	0.73	2.94
mMC002187	RIKEN cDNA 4921505D17 gene	2.29	1.54	0.67	2.93
mMC000928	a disintegrin-like and metalloprotease (reprolysin type) wi	1.97	1.72	0.87	2.93
mMC005429	RIKEN cDNA 2810405K07 gene	1.91	1.67	0.87	2.93

mMC024399	potassium intermediate/small conductance calcium-activated	1.95	1.63	0.84	2.93
mMA033303	Mus musculus phosphorylase kinase alpha 1 (Phka1), mRNA	2.44	1.55	0.63	2.91
mMA035703	Mus musculus RIKEN cDNA 4930506M07 gene, mRNA (cDN	1.65	1.81	1.10	2.91
mMA032222	Mus musculus 6 days neonate head cDNA, RIKEN full-length	1.98	1.55	0.78	2.87
mMC010121	SLAM family member 8	1.41	2.09	1.48	2.87
mMC021844	hect domain and RLD 3	1.71	1.77	1.04	2.85
mMC005785	RIKEN cDNA 9030411K21 gene	2.45	1.51	0.62	2.85
mMC007399	heat shock 27kDa protein 8	2.52	1.51	0.60	2.84
mMC007156	zinc finger protein 26	2.04	1.59	0.78	2.84
mMR027267	armadillo repeat containing 1	2.13	1.54	0.72	2.82
mMC005407	zinc finger protein 160	2.15	1.52	0.71	2.82
mMC023353	zinc finger protein 422	2.26	1.49	0.66	2.81
mMC021951	RIKEN cDNA 1110028E10 gene	1.91	1.51	0.79	2.81
mMC011081	RIKEN cDNA 4932415D10 gene	2.03	1.51	0.75	2.80
mMC006530	special AT-rich sequence binding protein 2	1.78	1.72	0.97	2.80
mMA034622	Mus musculus 5'-nucleotidase, cytosolic II (Nt5c2), mRNA.	1.62	1.81	1.12	2.79
mMC011726	eukaryotic translation initiation factor 2 alpha kinase 1	1.80	1.64	0.91	2.78
mMC016695	transmembrane 4 superfamily member 9	2.03	1.56	0.77	2.78
mMC025324	RIKEN cDNA 2610312E17 gene	1.96	1.51	0.77	2.78
mMC014731	DNA segment, Chr 9, Wayne State University 20, expressed	2.07	1.50	0.72	2.77
mMR027878	FUN14 domain containing 2	1.81	1.62	0.90	2.77
mMC001564	DNA segment, Chr 10, Brigham & Women's Genetics 1379 e	2.17	1.49	0.69	2.76
mMC025826	RIKEN cDNA 1500010M24 gene	1.85	1.59	0.86	2.76
mMC003206	RIKEN cDNA 4632434I11 gene	1.64	1.70	1.04	2.74
mMC006819	ras homolog gene family, member J	1.42	1.32	0.93	2.74
mMR027112	eukaryotic translation initiation factor 2, subunit 1 alpha	1.91	1.43	0.75	2.72
mMC015679	RIKEN cDNA 5133401H06 gene	1.90	1.49	0.78	2.71
mMC004482	mitochondrial ribosomal protein S5	2.03	1.45	0.71	2.71
mMR028755	RIKEN cDNA A430108B07 gene	1.78	1.73	0.97	2.71
mMC005260	RIKEN cDNA 3110057O12 gene	1.73	1.49	0.86	2.71
mMC003099	DNA segment, Chr 5, ERATO Doi 579, expressed	2.04	1.51	0.74	2.71
mMC002050	RIKEN cDNA 9930021J03 gene	2.31	1.44	0.63	2.71
mMR029306	EPM2A (laforin) interacting protein 1	2.04	1.53	0.75	2.71
mMC000866	limb and neural patterns	1.77	1.57	0.89	2.71
mMC010805	ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymeras	2.22	1.43	0.64	2.70
mMC020070	cDNA sequence BC021921	2.13	1.46	0.69	2.70
mMC001946	cytoplasmic polyadenylation element binding protein 2	1.73	1.57	0.90	2.70
mMR027842	proteasome (prosome, macropain) 26S subunit, non-ATPase	1.88	1.51	0.80	2.69
mMC010394	ARP6 actin-related protein 6 homolog (yeast)	2.25	1.45	0.65	2.69
mMC020981	RIKEN cDNA F630043A04 gene	1.55	1.26	0.81	2.67
mMC006820	nuclear antigen Sp100	1.93	1.43	0.74	2.67
mMC021725	RIKEN cDNA C630016O21 gene	1.86	1.51	0.81	2.67
mMC002621	tubulin-specific chaperone e	2.20	1.43	0.65	2.66
mMC002092	oxysterol binding protein-like 9	2.34	1.41	0.60	2.65
mMA034958	Mus musculus aspartate-beta-hydroxylase (Asph), mRNA.	1.76	1.56	0.89	2.65
mMC016445	CCR4 carbon catabolite repression 4-like (S. cerevisiae)	1.22	1.25	1.03	2.64
mMC008139	schlafen 10	1.95	1.47	0.75	2.64
mMC022526	caspase recruitment domain family, member 12	1.61	1.31	0.81	2.64
mMC022791	peroxiredoxin 6, related sequence 1	1.78	1.52	0.85	2.62
mMC003015	core 1 UDP-galactose:N-acetylgalactosamine-alpha-R beta 1	1.80	1.55	0.86	2.62
mMC006165	ras homolog gene family, member V	2.20	1.41	0.64	2.62
mMC002897	RIKEN cDNA 5730494M16 gene	1.77	1.43	0.81	2.62
mMC003473	ubiquitin specific protease 28	2.39	1.37	0.57	2.61
mMC019731	RIKEN cDNA 1110033L15 gene	1.76	1.36	0.77	2.61
mMR030266	c6.1a protein	1.72	1.56	0.91	2.60
mMR030591	interleukin-1 receptor-associated kinase 1	1.87	1.50	0.80	2.59
mMC010253	intergral membrane protein 1	1.71	1.31	0.76	2.59
mMC020225	RIKEN cDNA A230048G03 gene	1.89	1.43	0.75	2.58
mMC023416	WD repeat domain 37	2.03	1.40	0.69	2.58
mMR029694	gamma-aminobutyric acid (GABA-A) receptor-associated pro	1.56	1.56	1.00	2.58
mMR027495	RIKEN cDNA 2810441O16 gene	1.74	1.55	0.89	2.58
mMC022875	capping protein (actin filament) muscle Z-line, alpha 2	1.90	1.47	0.77	2.57
mMC016182	oncoprotein induced transcript 3	1.65	1.38	0.84	2.57
mMC005469	acylphosphatase 2, muscle type	2.01	1.39	0.69	2.57
mMR027553	tripartite motif protein 2	1.75	1.35	0.77	2.56

mMC014679	transcription factor AP4	1.47	1.23	0.84	2.56
mMC022132	RIKEN cDNA 4831403C07 gene	1.73	1.35	0.78	2.56
mMC006784	RIKEN cDNA 2210011G09 gene	1.66	1.50	0.90	2.56
mMC001815	RIKEN cDNA 2410017I18 gene	1.83	1.47	0.81	2.55
mMR031192	SMC5 structural maintenance of chromosomes 5-like 1 (yeas	1.81	1.48	0.82	2.54
mMC016096	nucleoporin 153	1.75	1.62	0.93	2.53
mMC023947	polymerase (RNA) III (DNA directed) polypeptide K	1.94	1.38	0.71	2.53
mMC001036	vaccinia related kinase 2	1.94	1.37	0.70	2.53
mMR030258	DNA segment, Chr 14, Abbott 1 expressed	2.07	1.37	0.66	2.53
mMC024484	CD24a antigen	1.38	1.61	1.16	2.53
mMC021269	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfera	1.91	1.38	0.72	2.53
mMR027003	RIKEN cDNA 1300013D05 gene	2.01	1.38	0.69	2.52
mMC012523	3-hydroxyisobutyryl-Coenzyme A hydrolase	2.00	1.36	0.68	2.51
mMC026141	RIKEN cDNA C130067A03 gene	2.04	1.36	0.67	2.51
mMC001805	RIKEN cDNA C430048L16 gene	1.87	1.28	0.68	2.51
mMC016289	expressed sequence AI316802	1.74	1.37	0.79	2.51
mMC001985	RIKEN cDNA 1110056N09 gene	1.69	1.46	0.87	2.50
mMC017515	RIKEN cDNA 9130409J20 gene	1.95	1.32	0.68	2.49
mMA035641	Mus musculus 8 days embryo whole body cDNA, RIKEN full-	1.91	1.36	0.71	2.47
mMC006447	RIKEN cDNA B630005N14 gene	1.46	1.48	1.01	2.47
mMC002164	FSHD region gene 1	2.12	1.31	0.62	2.46
mMC015123	leucine rich repeat containing 28	1.86	1.30	0.70	2.45
mMC018076	testis expressed gene 2	1.80	1.38	0.76	2.45
mMC025088	endothelial differentiation, lysophosphatidic acid G-protei	1.49	1.37	0.92	2.45
mMC004717	glycoprotein 38	1.51	1.60	1.06	2.45
mMC018148	solute carrier family 16 (monocarboxylic acid transporters)	1.78	1.34	0.75	2.44
mMR028649	netrin 3	2.03	1.32	0.65	2.44
mMR030819	RIKEN cDNA 9430034D17 gene	1.65	1.33	0.81	2.44
mMR028143	tripartite motif protein 13	1.63	1.50	0.92	2.44
mMC010046	SEC15-like 1 (S. cerevisiae)	1.56	1.42	0.91	2.43
mMA031840	Mus musculus adult male cecum cDNA, RIKEN full-length en	1.92	1.31	0.68	2.43
mMR030115	RIKEN cDNA 2810431I02 gene	1.90	1.31	0.69	2.43
mMC018712	DNA segment, Chr 8, ERATO Doi 531, expressed	1.59	1.44	0.91	2.43
mMR027137	oxysterol binding protein-like 8	1.84	1.29	0.70	2.43
mMC018495	RIKEN cDNA 1200015F23 gene	1.80	1.32	0.73	2.42
mMR027578	MGC46821	1.71	1.57	0.92	2.42
mMC022369	RIKEN cDNA 2900022M12 gene	1.75	1.28	0.73	2.42
mMA033843	Mus musculus RIKEN cDNA 2700038I16 gene, mRNA (cDNA	1.83	1.34	0.73	2.42
mMC012962	RIKEN cDNA 2610037P13 gene	2.00	1.30	0.65	2.42
mMC016371	aldolase 3, C isoform	1.78	1.28	0.72	2.40
mMC014018	mitochondrial ribosomal protein S22	1.68	1.28	0.77	2.40
mMC008450	HRAS like suppressor 3	1.64	1.39	0.84	2.40
mMC015662	transforming growth factor, beta receptor I	1.48	1.51	1.02	2.40
mMR030699	expressed sequence C80879	1.93	1.29	0.67	2.40
mMC018822	RIKEN cDNA 2010110K16 gene	1.83	1.27	0.69	2.39
mMC002835	RIKEN cDNA 2010204I15 gene	1.56	1.19	0.77	2.39
mMC018999	RIKEN cDNA 3110001E11 gene	1.50	1.40	0.93	2.38
mMR030391	RIKEN cDNA A630089N07 gene	2.08	1.23	0.59	2.38
mMR031070	RIKEN cDNA 4932432K03 gene	1.76	1.32	0.75	2.38
mMC015955	RIKEN cDNA D030028O16 gene	1.91	1.26	0.66	2.38
mMC008511	leucine rich repeat containing 20	1.64	1.33	0.81	2.37
mMC017499	RIKEN cDNA 6430590I03 gene	1.66	1.41	0.85	2.37
mMC003402	RIKEN cDNA 6620401M08 gene	1.80	1.25	0.69	2.37
mMC006315	malic enzyme, supernatant	1.45	1.45	1.00	2.37
mMR029739	cDNA sequence BC003885	2.04	1.25	0.61	2.36
mMC009772	poly(A) polymerase gamma	1.71	1.26	0.74	2.36
mMC023187	aspartate-beta-hydroxylase	1.83	1.27	0.70	2.36
mMR026133	complement component 1, r subcomponent	1.63	1.11	0.68	2.35
mMC008383	RIKEN cDNA 2700038L12 gene	1.95	1.25	0.64	2.35
mMC008274	RIKEN cDNA A530088I07 gene	1.54	1.55	1.01	2.34
mMC016947	RIKEN cDNA 1700090G07 gene	1.80	1.28	0.71	2.34
mMC012711	RIKEN cDNA 2210015D19 gene	1.76	1.28	0.73	2.34
mMC005044	limb region 1	1.59	1.58	0.99	2.33
mMR026757	LIM and senescent cell antigen-like domains 1	1.87	1.21	0.64	2.33
mMC010382	RIKEN cDNA 2810012D02 gene	1.57	1.18	0.75	2.33

mMC023926	insulin induced gene 1	1.69	1.31	0.78	2.33
mMC015746	ankyrin repeat and IBR domain containing 1	1.72	1.27	0.74	2.32
mMR027664	RIKEN cDNA 5830407P18 gene	1.66	1.26	0.76	2.31
mMC007719	MYC-associated zinc finger protein (purine-binding transcri	1.70	1.26	0.74	2.31
mMC014837	zinc finger, BED domain containing 3	1.71	1.21	0.71	2.31
mMC026355	G protein-coupled receptor 103	1.87	1.23	0.66	2.30
mMC001085	protease, serine, 16 (thymus)	1.60	1.27	0.79	2.29
mMC017539	SEC24 related gene family, member A (S. cerevisiae)	1.90	1.20	0.63	2.29
mMC018557	RAS-like, family 2, locus 9	1.51	1.14	0.75	2.29
mMC017726	transmembrane protein 14A	1.66	1.21	0.73	2.29
mMC003462	RIKEN cDNA 1300002K09 gene	1.36	1.04	0.76	2.29
mMC021651	RIKEN cDNA 4833424O12 gene	1.71	1.19	0.69	2.28
mMC004549	jumonji domain containing 1B	1.57	1.28	0.82	2.28
mMC018246	FERM domain containing 4A	1.66	1.27	0.76	2.28
mMR030169	RIKEN cDNA 2700079J08 gene	1.57	1.18	0.75	2.28
mMC000893	RIKEN cDNA 9030607L20 gene	1.73	1.22	0.71	2.27
mMA034791	Mus musculus 12 days embryo male wolffian duct includes su	1.59	1.40	0.88	2.27
mMC000771	adenosine deaminase	1.70	1.20	0.71	2.27
mMC014717	RIKEN cDNA 3110027N22 gene	1.82	1.21	0.66	2.27
mMC009713	phosphoserine phosphatase	1.34	1.18	0.88	2.27
mMC002995	EF hand domain containing 2	1.56	1.19	0.76	2.27
mMC010493	tyrosyl-tRNA synthetase	1.37	1.42	1.04	2.26
mMR028261	aldo-keto reductase family 1, member C12	1.60	1.27	0.79	2.26
mMC018484	ubiquitin specific protease 25	1.70	1.23	0.72	2.26
mMC006375	RIKEN cDNA 2810002D13 gene	1.76	1.23	0.70	2.26
mMC010227	nuclear factor, interleukin 3, regulated	1.67	1.21	0.72	2.26
mMC012844	hypoxia induced gene 1	1.72	1.21	0.71	2.25
mMC002464	RIKEN cDNA 5430430B14 gene	1.78	1.21	0.68	2.25
mMC009051	synaptojanin 2	1.64	1.17	0.71	2.25
mMC012867	pantothenate kinase 3	1.58	1.21	0.77	2.25
mMC007598	gephyrin	1.70	1.22	0.72	2.24
mMC025313	RIKEN cDNA 2810484M10 gene	1.62	1.26	0.78	2.24
mMC005486	RAB28, member RAS oncogene family	1.67	1.25	0.75	2.24
mMC013442	solute carrier family 37 (glycerol-3-phosphate transporter)	1.49	1.22	0.82	2.24
mMC016934	zinc finger protein 27	1.58	1.21	0.77	2.23
mMC020847	hypothetical gene supported by AK078282; AK078855; BC05	1.69	1.22	0.72	2.23
mMC022335	chromosome segregation 1-like (S. cerevisiae)	1.45	1.31	0.90	2.23
mMC001600	RIKEN cDNA 4930453O03 gene	1.79	1.19	0.67	2.23
mMC006880	RIKEN cDNA 2810405F18 gene	1.54	1.24	0.80	2.23
mMC022192	zinc finger protein 617	1.55	1.17	0.75	2.23
mMR026176	RIKEN cDNA 4432404P07 gene	1.66	1.19	0.72	2.22
mMC014713	membrane-spanning 4-domains, subfamily A, member 7	1.20	1.22	1.02	2.22
mMC007864	FMS-like tyrosine kinase 1	1.51	1.16	0.77	2.22
mMC014217	tumor differentially expressed 1	1.41	1.25	0.89	2.22
mMC020727	X-linked lymphocyte-regulated 3a	1.62	1.23	0.76	2.22
mMR029587	ubiquitin-conjugating enzyme E2N	1.81	1.18	0.65	2.22
mMC022710	RIKEN cDNA 5830469G19 gene	1.91	1.16	0.61	2.22
mMC005883	RIKEN cDNA 1110021E09 gene	1.69	1.21	0.71	2.22
mMC014733	trinucleotide repeat containing 4	1.33	1.03	0.78	2.21
mMC007072	expressed sequence BB128963	1.60	1.27	0.79	2.21
mMA032883	Mus musculus nuclear receptor coactivator 4 (Ncoa4), mRNA	1.32	1.55	1.17	2.21
mMR029959	SRY-box containing gene 12	1.87	1.15	0.61	2.20
mMC011764	sialyltransferase 7 ((alpha-N-acetylneuraminyl 2,3-betagala	1.60	1.24	0.78	2.20
mMC003111	coiled-coil domain containing 2	1.65	1.21	0.74	2.20
mMC023858	RIKEN cDNA 2600016B03 gene	1.55	1.35	0.87	2.20
mMC014572	F-box and WD-40 domain protein 2	1.85	1.16	0.62	2.20
mMC001876	eukaryotic translation initiation factor 2, subunit 2 (beta	1.37	1.38	1.01	2.19
mMC005345	RIKEN cDNA A730004F22 gene	1.44	1.25	0.87	2.19
mMC015219	CDC28 protein kinase 1	1.80	1.13	0.63	2.19
mMC000820	interferon consensus sequence binding protein 1	1.45	1.15	0.79	2.18
mMR031038	RIKEN cDNA 1200003I10 gene	1.36	0.99	0.73	2.18
mMC007447	RIKEN cDNA C130067A03 gene	1.73	1.15	0.66	2.18
mMR026935	RAD23b homolog (S. cerevisiae)	1.61	1.15	0.72	2.18
mMC002239	interleukin 15 receptor, alpha chain	1.51	1.13	0.75	2.17
mMR028622	RIKEN cDNA C330029B10 gene	1.65	1.18	0.72	2.17

mMC013779	transportin 1	1.81	1.14	0.63	2.17
mMC010971	RIKEN cDNA 4833426J09 gene	1.58	1.16	0.74	2.17
mMR027723	RIKEN cDNA 2010005J08 gene	1.76	1.15	0.65	2.17
mMC001559	myotubularin related protein 4	1.56	1.18	0.76	2.17
mMC002061	DNA cross-link repair 1A, PSO2 homolog (S. cerevisiae)	1.93	1.12	0.58	2.17
mMC008078	RIKEN cDNA 0910001K20 gene	1.38	1.15	0.83	2.17
mMC004037	angiopoietin 2	1.34	1.27	0.95	2.16
mMR029536	RIKEN cDNA 4632404H12 gene	1.69	1.13	0.67	2.16
mMC001697	calponin 2	1.40	1.18	0.84	2.16
mMC012026	RNA terminal phosphate cyclase domain 1	1.66	1.16	0.70	2.15
mMC005971	thioredoxin-like 1	1.40	1.09	0.78	2.15
mMC014206	RIKEN cDNA 6330403L08 gene	1.32	1.24	0.93	2.15
mMC009860	RIKEN cDNA 5730445M16 gene	1.74	1.13	0.65	2.14
mMC007783	RIKEN cDNA 5830448L21 gene	1.59	1.09	0.69	2.14
mMR030265	RIKEN cDNA A130022J21 gene	1.68	1.12	0.67	2.14
mMC021819	Cockayne syndrome 1 homolog (human)	1.53	1.40	0.92	2.13
mMC010051	makorin, ring finger protein 1, pseudogene 1	1.57	1.20	0.76	2.13
mMR029581	dual specificity phosphatase 18	1.39	1.16	0.84	2.13
mMA031649	Mus musculus cDNA fis, clone TRACH3013693, highly simila	1.47	1.15	0.78	2.13
mMC002484	immunoresponsive gene 1	1.61	2.47	1.53	2.13
mMC017110	leukocyte-associated Ig-like receptor 1	1.35	1.24	0.92	2.12
mMC023643	potassium channel tetramerisation domain containing 9	1.37	1.28	0.94	2.12
mMC017970	dehydrogenase/reductase (SDR family) member 9	1.26	1.28	1.01	2.12
mMC009039	transducer of ErbB-2.1	1.39	1.22	0.88	2.12
mMC012881	RIKEN cDNA 5830458K16 gene	1.47	1.20	0.82	2.12
mMC010551	RIKEN cDNA 2900064B18 gene	1.46	1.09	0.75	2.12
mMR027763	developmentally regulated repeat element-containing transcr	1.64	1.12	0.69	2.12
mMC005091	hypothetical protein D030063E12	1.66	1.10	0.66	2.12
mMR026824	zinc finger protein 84	1.61	1.13	0.70	2.12
mMC011487	BTB (POZ) domain containing 4	1.51	1.07	0.71	2.12
mMC002154	RIKEN cDNA C630016I17 gene	1.63	1.07	0.66	2.11
mMR001241	Mus musculus 6-phosphofructo-2-kinase/fructose-2,6-biphosp	1.61	1.08	0.67	2.11
mMC003339	farnesyl diphosphate synthetase	1.46	1.13	0.78	2.11
mMC013025	peroxisomal biogenesis factor 13	1.31	1.24	0.95	2.11
mMC001875	RIKEN cDNA 6230427J02 gene	1.36	1.23	0.90	2.11
mMC026116	tripartite motif protein 2	1.29	1.14	0.88	2.10
mMR026594	early endosome antigen 1	1.36	1.24	0.91	2.10
mMC006069	RIKEN cDNA 2310047C04 gene	1.67	1.09	0.65	2.10
mMC005417	cDNA sequence BC005752	1.56	1.14	0.73	2.10
mMR028434	RIKEN cDNA 2600014C01 gene	1.78	1.05	0.59	2.09
mMC004371	DnaJ (Hsp40) homolog, subfamily C, member 1	1.53	1.16	0.76	2.09
mMC006479	mitochondrial folate transporter/carrier	1.63	1.10	0.67	2.09
mMC018242	RIKEN cDNA 2310014H19 gene	1.47	1.12	0.76	2.09
mMC016658	RIKEN cDNA 4930404N11 gene	1.42	1.13	0.80	2.09
mMC012626	toll-like receptor 2	1.26	1.32	1.05	2.09
mMC002162	RIKEN cDNA 1110002E23 gene	1.56	1.05	0.67	2.09
mMC004770	proteaseome (prosome, macropain) 28 subunit, 3	1.58	1.08	0.68	2.08
mMA033015	Mus musculus TAP binding protein-like (Tapbpl), mRNA.	1.39	1.11	0.80	2.08
mMA033880	Mouse mRNA for colony stimulating factor-1 CSF-1 (M-CSF).	1.42	1.08	0.76	2.08
mMC010206	RIKEN cDNA 1700009N14 gene	1.22	1.01	0.83	2.08
mMC005813	homer homolog 1 (Drosophila)	1.42	1.13	0.80	2.08
mMC011584	RIKEN cDNA 2610304G08 gene	1.77	1.05	0.59	2.08
mMA033074	Mus musculus polymerase (DNA-directed), delta interacting p	1.42	1.17	0.82	2.08
mMC019456	hypothetical protein MGC27770	1.52	1.08	0.71	2.08
mMC005288	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	1.47	1.42	0.96	2.08
mMC012702	F-box only protein 33	1.73	1.06	0.61	2.08
mMC007047	RIKEN cDNA E130113K22 gene	1.39	1.32	0.95	2.08
mMC005319	RIKEN cDNA 4930423F13 gene	1.50	1.11	0.74	2.08
mMC011824	cylindromatosis (turban tumor syndrome)	1.30	1.27	0.98	2.08
mMC025673	cell division cycle 42 homolog (S. cerevisiae)	1.53	1.10	0.72	2.07
mMC014092	RIKEN cDNA 7330412A13 gene	1.55	1.08	0.70	2.07
mMC021794	cytoplasmic polyadenylation element binding protein 1	1.33	1.07	0.81	2.07
mMC005478	NK2 transcription factor related, locus 3 (Drosophila)	1.72	1.04	0.60	2.07
mMC018343	cDNA sequence BC031407	1.42	1.12	0.79	2.07
mMA035440	Mus musculus tripartite motif protein 23 (Trim23), mRNA.	1.48	1.08	0.73	2.07

mMC008884	RIKEN cDNA 2310073E15 gene	1.46	1.17	0.80	2.07
mMC022516	beta-amyloid binding protein precursor	1.66	1.07	0.64	2.06
mMC024460	transcription termination factor 1	1.49	1.06	0.71	2.06
mMC005922	RIKEN cDNA 1110059F07 gene	1.42	1.08	0.76	2.06
mMC003411	inositol polyphosphate-1-phosphatase	1.45	1.09	0.75	2.06
mMC005966	glutamine repeat protein 1	1.33	1.28	0.96	2.06
mMC012855	disco interacting protein 2 homolog (Drosophila)	1.48	1.10	0.74	2.06
mMR001222	Mus musculus choroidermia (Chm), mRNA.	1.42	0.98	0.69	2.06
mMR030363	RIKEN cDNA A030012M09 gene	1.44	1.05	0.73	2.06
mMC015490	purinergic receptor P2Y, G-protein coupled 1	1.37	1.09	0.79	2.05
mMR028216	glycoprotein (transmembrane) nmb	1.21	0.95	0.79	2.05
mMC008674	ganglioside-induced differentiation-associated-protein 2	1.71	1.03	0.61	2.05
mMC016263	cell division cycle 2-like 5 (cholinesterase-related cell d	1.53	1.08	0.71	2.05
mMC017287	RIKEN cDNA A630026F21 gene	1.57	1.06	0.68	2.04
mMR028519	RIKEN cDNA E430028B21 gene	1.42	1.06	0.75	2.04
mMC021614	DNA segment, Chr 3, ERATO Doi 250, expressed	1.55	1.07	0.69	2.04
mMC015460	RIKEN cDNA A130090K04 gene	1.45	1.04	0.71	2.03
mMC015892	reticulon 4	1.49	1.12	0.75	2.02
mMR001383	Mus musculus RIKEN cDNA 6030411K04 gene, mRNA (cDN	1.39	1.11	0.80	2.02
mMC024110	nuclear transcription factor-Y gamma	1.37	1.16	0.84	2.02
mMA035284	Mus musculus 3 days neonate thymus cDNA, RIKEN full-leng	1.36	1.06	0.78	2.02
mMA034204	Mus musculus RIKEN cDNA B230339H12 gene (B230339H1	1.46	1.09	0.75	2.01
mMA034900	Mus musculus RAD50 homolog (S. cerevisiae) (Rad50), mRN	1.38	1.06	0.77	2.01
mMR028706	type 1 tumor necrosis factor receptor shedding aminopeptida	1.32	0.93	0.71	2.01
mMC002356	Rap guanine nucleotide exchange factor (GEF) 5	1.24	1.21	0.97	2.01
mMC008807	RIKEN cDNA 2500002B13 gene	1.54	1.05	0.68	2.01
mMC008295	checkpoint supressor 1	1.38	1.14	0.83	2.01
mMC024582	RIKEN cDNA D230035M11 gene	1.51	1.05	0.70	2.01
mMC010014	RIKEN cDNA 9130221J17 gene	1.39	1.02	0.73	2.01
mMC001059	ubiquitin specific protease 48	1.22	1.09	0.89	2.01
mMC019156	expressed sequence BB123696	1.44	1.14	0.79	2.01
mMC007253	RIKEN cDNA 4122402O22 gene	1.28	0.97	0.76	2.00
mMC019563	RIKEN cDNA 1110002L01 gene	1.51	1.00	0.66	2.00
mMC002295	tubulin, delta 1	1.45	1.03	0.71	2.00

Supplemental Table 2. Macrophage genes upregulated following OPB -/- infection. Array data were analyzed for statistically significant genes using the Statistical Analysis of Microarray (SAM) software. Fold-change was calculated compared to uninfected cells. Using a false discovery rate threshold of <1.0% and a minimum fold-change of 2 over uninfected. Only 23 genes were differentially expressed following wildtype infection; however, 495 genes were significantly up-regulated following OPB-/- *Leishmania* infection.