

Table S3 : selected genes up- or down-regulated more than two-fold in Leishmania infected BMdM as confirmed by qPCR

Ensembl.Gene.ID	Description	MGI Symbol	Pathways	2-DDCt (1h)	2-DDCt (3h)	2-DDCt (6h)	2-DDCt (12h)	2-DDCt (24h)
ENSMUSG00000028645	Solute carrier family 2, facilitated glucose transpor	Slc2a1	Glycolysis pathway	1,045465171	6,2372064	5,4248597	2,33128034	1,94642713
ENSMUSG00000036427	Glucose-6-phosphate isomerase (EC 5.3.1.9) (GPI) (	Gpi1		0,952787682	1,21986655	1,7652153	1,50440621	1,78402603
ENSMUSG00000020277	6-phosphofructokinase, liver type (EC 2.7.1.11) (Ph	Pfkl		0,864612391	2,03009185	2,7587704	0,97192372	1,04108835
ENSMUSG00000021196	6-phosphofructokinase type C (EC 2.7.1.11) (Phosp	Pfklp		1,146454223	2,81047049	5,0384865	1,6289662	1,67585133
ENSMUSG00000030695	aldolase 1, A isoform, retrogene 1 [Source:MGI;Ac	Aldoa		0,895661449	1,27286846	2,4430026	1,08567829	2,14165956
ENSMUSG00000017390	Fructose-bisphosphate aldolase C (EC 4.1.2.13) (Br	Aldoc		2,175042739	2,50384166	0,8238444	3,87504125	2,09395315
ENSMUSG00000023456	Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Trio	Tpi1		0,836861046	1,62932191	3,3771334	1,38504466	2,05509488
ENSMUSG00000004267	Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycer	Eno2		1,26746896	3,324122	3,1585602	1,33751493	1,94188016
ENSMUSG00000032294	Pyruvate kinase isozymes M1/M2 (EC 2.7.1.40) (Py	Pkm2		0,909676454	1,2957224	2,3225727	1,15663741	1,79762551
ENSMUSG00000057666	Glyceraldehyde-3-phosphate dehydrogenase (EC 1	Gapdh		0,964361136	1,24320424	2,3675563	1,26701769	1,97560451
ENSMUSG00000026773	6-phosphofructo-2-kinase/fructose-2,6-biphospha	Pfkfb3	strach degradation	1,279124478	2,42577095	2,0562692	1,68223101	1,28495544
ENSMUSG00000006494	Pyruvate dehydrogenase [lipoamide]] kinase isozy	Pdk1		0,683282342	1,56646949	2,6069666	1,2655095	1,71797515
ENSMUSG00000022707	1,4-alpha-glucan-branching enzyme (EC 2.4.1.18) (	Gbe1		0,861982459	1,8640945	8,6470044	2,15351743	2,05673487
ENSMUSG00000025791	Phosphoglucosmutase-1 (EC 5.4.2.2) (Glucose phos	Pgm2	pentose phosphate Pathway	0,851560931	2,64930388	4,796967	1,88165765	1,83737572
ENSMUSG00000037012	Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I	Hk1		1,633415323	0,17199219	0,6965622	1,26921297	0,29806558
ENSMUSG00000000628	Hexokinase-2 (EC 2.7.1.1) (Hexokinase type II) (HK	Hk2		1,490569609	2,40349144	2,6472915	1,08483954	1,51731872
ENSMUSG00000028961	6-phosphogluconate dehydrogenase, decarboxylat	Pgd		0,910371364	0,97108535	1,7111747	0,86234974	0,86167008
ENSMUSG00000031299	Apyruvate dehydrogenase E1 alpha 1	Pdha1		0,944281395	0,95325229	0,9112573	0,69385206	1,23596895
ENSMUSG00000063229	L-lactate dehydrogenase A chain (EC 1.1.1.27) (LDH	Ldha		0,87189446	2,11647728	3,9838558	1,223898	1,96372671
ENSMUSG00000024892	pyruvate carboxylase	Pcx		0,786519806	0,99518272	1,938312	0,95148149	0,99347576
ENSMUSG00000046934	citrate synthase like	Csl		0,921782798	0,66293837	1,0483124	0,65477675	0,86390775
ENSMUSG00000025950	Isocitrate dehydrogenase [NADP] cytoplasmic (EC :	Idh1	TCA Cycle	0,907770808	0,5196048	0,5301531	0,6496941	0,76087692
ENSMUSG00000021577	succinate dehydrogenase complex, subunit A, flav	Sdha	TCA Cycle	0,8638566	0,83795325	0,7296334	0,57782452	0,9180847
ENSMUSG00000009863	Succinate dehydrogenase [ubiquinone] iron-sulfur	Sdhb	TCA Cycle	0,863756809	0,83719175	0,7720879	0,56190767	0,93364597
ENSMUSG00000026526	Fumarate hydratase, mitochondrial precursor (EC :	Fh1	TCA Cycle	0,746804918	0,65581009	0,4407001	0,75230304	0,9015462
ENSMUSG00000035493	Transforming growth factor-beta-induced protein	Tgfb1		1,021392002	0,54483137	0,7244949	1,10604813	0,73927942
ENSMUSG00000023034	Nuclear receptor subfamily 4 group A member 1 (C	Nr4a1		8,694782868	1,98167448	1,5079018	1,68482743	0,38218905
ENSMUSG00000027398	Interleukin-1 beta precursor (IL-1 beta). [Source:U	Il1b		2,002321078	0,97034409	0,8021001	0,7661148	0,17035289

ENSMUSG00000026981 Interleukin-1 receptor antagonist protein precursor	Il1rn	Immune Response	2,256296503	3,60939408	6,6618175	4,10228436	2,48251655
ENSMUSG00000027947 Interleukin-6 receptor alpha chain precursor (IL-6R)	Il6ra		0,84007983	0,43589876	0,4682554	0,73154364	0,69668416
ENSMUSG00000003882 Interleukin-7 receptor alpha chain precursor (IL-7R)	Il7r		0,897995684	1,65192898	1,6961657	1,03205749	1,23806967
ENSMUSG00000024401 Tumor necrosis factor precursor (TNF-alpha) (Tum	Tnf		3,492362543	3,9715211	3,1793735	5,45256791	1,27157363
ENSMUSG00000037405 Intercellular adhesion molecule 1 precursor (ICAM	Icam1		1,173991259	1,74824414	1,4671155	1,24674161	0,9493476
ENSMUSG00000017652 Tumor necrosis factor receptor superfamily memb	Cd40	Chemokine	1,538844104	2,94777212	5,7281082	3,18370501	0,33294386
ENSMUSG00000015396 CD83 antigen [Source:RefSeq_peptide;Acc:NP_033	Cd83		1,813877571	3,81571477	0,9129211	1,07480629	0,49828308
ENSMUSG00000022901 T-lymphocyte activation antigen CD86 precursor (/	Cd86		1,280158179	1,67136288	1,2409575	1,43351964	0,35752371
ENSMUSG00000029380 Growth-regulated alpha protein precursor (C-X-C n	Cxcl1		6,370862718	4,97805901	2,4932578	4,56614498	0,63834614
ENSMUSG00000034855 C-X-C motif chemokine 10 precursor (Small-inducib	Cxcl10		1,236915261	1,01702607	3,1058665	3,98197501	1,23422892
ENSMUSG00000058427 Macrophage inflammatory protein 2 precursor (MI	Cxcl2		6,766385701	5,36028608	2,3663231	3,94840506	0,5054134
ENSMUSG00000029379 chemokine (C-X-C motif) ligand 3 [Source:RefSeq_	Cxcl3		2,733631448	2,27156775	3,870072	2,33694428	0,89343468
ENSMUSG00000035385 C-C motif chemokine 2 precursor (Small-inducible	Ccl2		5,497783137	1,75884904	0,9529489	2,38298108	0,72422255
ENSMUSG00000000982 C-C motif chemokine 3 precursor (Small-inducible	Ccl3		4,173247305	2,97367779	1,5566761	2,48272018	1,25607926
ENSMUSG00000018930 C-C motif chemokine 4 precursor (Small-inducible	Ccl4		4,327464796	4,1754017	2,3753752	3,09121357	0,91452161
ENSMUSG00000049103 C-C chemokine receptor type 2 (C-C CKR-2) (CC-CKR	Ccr2	Cholesterol pathway	0,94778304	0,40860016	0,5841687	0,67883209	0,65185553
ENSMUSG00000043953 C-C chemokine receptor-like 2 (Lipopolysaccharide-	Ccr12		2,132965183	4,31354299	2,6930427	1,50905808	0,77614198
ENSMUSG00000020826 Nitric oxide synthase, inducible (EC 1.14.13.39) (NO	Nos2		1,58014697	6,058350306	47,5176665	7,213036212	6,18884776
ENSMUSG00000019987 Arginase-1 (EC 3.5.3.1) (Type I arginase) (Liver-type	Arg1		0,755111756	1,310101268	5,9167793	1,535726883	0,863264261
ENSMUSG00000021670 3-hydroxy-3-methylglutaryl-coenzyme A reductase	Hmgcr		1,357089074	1,55569222	1,4248981	0,83228719	0,8671404
ENSMUSG00000022351 Squalene monooxygenase (EC 1.14.99.7) (Squalene	Sqle		1,329481544	2,5228714	3,1179413	1,45305737	1,4464193
ENSMUSG00000026170 Cytochrome P450 27, mitochondrial precursor (EC	Cyp27a1		0,846888141	0,66029304	0,1711296	0,44647279	0,46220881
ENSMUSG00000015243 ATP-binding cassette sub-family A member 1 (ATP-	Abca1		0,851528713	0,87721051	0,6734738	0,83446879	0,75744647
ENSMUSG00000025203 Acyl-CoA desaturase 2 (EC 1.14.19.1) (Stearoyl-CoA	Scd2		0,939264464	1,00803565	1,7796816	1,86733292	2,87151746
ENSMUSG00000002944 Platelet glycoprotein 4 (Platelet glycoprotein IV) (G	Cd36		0,84873167	1,43561609	2,2866418	1,96686781	2,4853933
ENSMUSG00000007655 Caveolin-1. [Source:Uniprot/SWISSPROT;Acc:P498	Cav1		0,967616371	1,01872289	2,1620558	1,33890011	0,67451425
ENSMUSG00000022305 Low-density lipoprotein receptor-related protein 1	Lrp12		0,934865301	1,70524811	1,4245047	0,82500037	1,09362073
ENSMUSG00000018796 Long-chain-fatty-acid--CoA ligase 1 (EC 6.2.1.3) (Lo	Acsl1		1,12963661	2,15349753	3,6231773	1,43883717	1,39693591
ENSMUSG00000062515 Fatty acid-binding protein, adipocyte (AFABP) (Adi	Fabp4		1,21260142	2,20402156	1,9952904	1,21761525	1,21945301
ENSMUSG00000015568 Lipoprotein lipase precursor (EC 3.1.1.34) (LPL). [Sc	Lpl		0,6334578	0,87081309	0,9258062	1,68456372	2,94850948
ENSMUSG00000028517 Lipid phosphate phosphohydrolase 3 (EC 3.1.3.4) (l	Ppap2b		1,161150519	4,35687382	7,4215173	2,22154367	2,34115156
ENSMUSG00000030747 Diacylglycerol O-acyltransferase 2 (EC 2.3.1.20) (Di	Dgat2		0,764091376	2,69966426	1,2700354	0,82693739	0,80381245

ENSMUSG00000031467	1-acyl-sn-glycerol-3-phosphate acyltransferase eps	Agpat5		0,902617768	2,19808676	1,8327929	0,96308386	1,02835793
ENSMUSG00000056220	Cytosolic phospholipase A2 (cPLA2) (Phospholipase A2)	Pla2g4a	Prostaglandine synthesis	1,080155299	2,33603194	4,1006438	1,51134532	1,29621572
ENSMUSG00000028378	NADP-dependent leukotriene B4 12-hydroxydehydrogenase	Ltb4dh		0,917572038	1,45797232	3,7112559	1,7832729	1,56575303
ENSMUSG00000029919	Glutathione-requiring prostaglandin D synthase (EP4)	Ptgds2		0,864727265	1,53899833	0,640017	0,4710319	0,81495982
ENSMUSG00000039942	Prostaglandin E2 receptor EP4 subtype (Prostanoid receptor 4)	Ptger4		2,277980531	1,18797406	0,7858262	1,07334956	1,02092072
ENSMUSG00000050737	Prostaglandin E synthase (EC 5.3.99.3) (mPGES-1)	Ptges		1,402295521	3,98403411	17,936259	3,63539804	2,75078967
ENSMUSG00000071072	Prostaglandin E synthase 3 (EC 5.3.99.3) (Cytosolic)	Ptges3		1,045249304	1,35860085	1,3767059	0,71889435	0,85888537
ENSMUSG00000047250	Prostaglandin G/H synthase 1 precursor (EC 1.14.99.1)	Ptgs1 (cox1)		0,976846478	0,36452466	0,1209849	0,30995056	0,45007921
ENSMUSG00000032487	Prostaglandin G/H synthase 2 precursor (EC 1.14.99.2)	Ptgs2 (cox2)		8,396377802	5,3499114	10,167681	4,93440113	1,89403873
ENSMUSG00000014294	NADH dehydrogenase [ubiquinone] 1 alpha subunit	Ndufa2	Complex I activity	1,018525488	0,94964816	1,0588308	0,75887456	1,01559545
ENSMUSG00000030647	NADH dehydrogenase [ubiquinone] 1 subunit C2 (ND2)	Ndufc2		1,245203972	0,85666814	1,0482071	0,64795851	0,89338308
ENSMUSG00000021764	NADH dehydrogenase [ubiquinone] iron-sulfur protein	Ndufs4		0,928156775	0,94779153	1,0479153	0,68223153	0,96510256
ENSMUSG00000021577	succinate dehydrogenase complex, subunit A, flavin	Sdha		0,8638566	0,83795325	0,7296334	0,57782452	0,9180847
ENSMUSG00000009863	Succinate dehydrogenase [ubiquinone] iron-sulfur protein	Sdhb		0,863756809	0,83719175	0,7720879	0,56190767	0,93364597
ENSMUSG00000038462	Cytochrome b-c1 complex subunit Rieske, mitochondrial	Uqcrrs1		1,122525914	1,27464898	0,5723146	0,6526667	1,01308075
ENSMUSG00000063882	Cytochrome b-c1 complex subunit 6, mitochondrial	Uqcrrh		0,911764883	0,98165864	0,9828867	0,79170599	1,02519321
ENSMUSG00000046516	Cytochrome c oxidase copper chaperone. [Source: UniProt]	Cox17	Complex IV	1,265625363	1,29685603	1,1890344	0,68976173	1,05083476
ENSMUSG00000000088	Cytochrome c oxidase subunit 5A, mitochondrial	Cox5a		1,01269314	1,08244721	0,8722833	0,62876377	0,87795922
ENSMUSG00000036751	Cytochrome c oxidase subunit VIb isoform 1 (COX VIb)	Cox6b1		0,926850356	0,98443419	0,8445419	0,77913083	0,98206698
ENSMUSG00000031818	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	Cox4i1		0,895161824	0,99824672	0,854801	0,65967317	0,96013832
ENSMUSG00000024248	Cytochrome c oxidase subunit VIIa-related protein	Cox7a2l		1,014769221	0,92969109	0,7199494	0,88301764	0,97024433
ENSMUSG00000016252	ATP synthase subunit epsilon, mitochondrial. [Source: UniProt]	Atp5e		0,963568242	0,93618464	0,8721614	0,65444098	0,93261756
ENSMUSG00000018770	ATP synthase lipid-binding protein, mitochondrial	Atp5g3		0,995108276	1,12222607	1,0492841	0,67829354	0,893891