

SUPPLEMENTAL TABLE 4: GENES DIFFERENTIALLY EXPRESSED BY MONOCYTE DIAPEDESIS

Gene ID	Gene Symbol	Gene Name	Fold Change, Transmigrated/Untreated
THC2283842	--	Unannotated	15
NM_024873	TNIP3	TNFAIP3 interacting protein 3	13.66
ENST00000354530	CTSL3	cathepsin L family member 3	9.275
ENST00000342020	CTSL1	PREDICTED: Homo sapiens similar to Cathepsin L, preproprotein	8.739
NM_012073	CCT5	chaperonin containing TCP1, subunit 5 (epsilon)	6.534
NM_004001	FCGR2B	Fc fragment of IgG, low affinity IIb, receptor (CD32)	6.43
NM_003037	SLAMF1	signaling lymphocytic activation molecule family member 1	5.462
CD653123	DICER1	Dicer1, Dcr-1 homolog	4.821
NM_203330	CD59	CD59 antigen p18-20	4.779
NM_004121	GGTLA1	gamma-glutamyltransferase-like activity 1	4.503
THC2381210	PDSS1	prenyl (decaprenyl) diphosphate synthase, subunit 1 (Q5T2R2) OTTHUMP00000046079, partial (28%) [THC2381210]	4.199
NM_002674	PMCH	pro-melanin-concentrating hormone	4.171
THC2352745	--	mitogen activated protein kinase kinase 6, full insert sequence, partial (14%)	4.14
NM_018177	N4BP2	Nedd4 binding protein 2	4.086
NM_016544	RBJ	Ras-associated protein Rap1	3.875
THC2410448	CDC42	cell division cycle 42	3.789
NM_005235	ERBB4	v-erb-a erythroblastic leukemia viral oncogene homolog 4	3.759
NM_003840	TNFRSF10D	tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain	3.752
THC2355824	--	Unannotated	3.701
NM_153834	GPR112	G protein-coupled receptor 112	3.675
A_24_P928582	--	Unannotated	3.672
NM_002182	IL1RAP	interleukin 1 receptor accessory protein	3.594
CR614418	MAP3K13	mitogen-activated protein kinase kinase kinase 13	3.573
THC2345620	--	Unannotated	3.538
NM_181789	GLDN	gliomedin	3.508
A_24_P928713	--	Unannotated	3.449
A_24_P871726	--	Unannotated	3.44
NM_178568	RTN4RL1	reticulon 4 receptor-like 1	3.397
THC2319814	--	Unannotated	3.393
AK024304	--	Unannotated	3.376
THC2373518	--	BICP22 transcription factor, partial (7%)	3.363
AK000992	PDE4DIP	phosphodiesterase 4D interacting protein (myomegalin)	3.356
NM_006506	RASA2	RAS p21 protein activator 2	3.342
A_24_P384220	--	Unannotated	3.296
NM_001007527	LMBRD2	LMBR1 domain containing 2	3.273

AK024328	ABCA1	ATP-binding cassette, sub-family A (ABC1), member 1	3.271
BC019715	--	Unannotated	3.269
THC2284956	--	Unannotated	3.269
NM_181599	KRTAP13-1	keratin associated protein 13-1	3.267
A_32_P207151	--	Unannotated	3.263
NM_006355	TRIM38	tripartite motif-containing 38	3.157
THC2330929	--	Unannotated	3.124
NM_207517	ADAMTSL3	ADAMTS-like 3	3.094
NM_030631	SLC25A21	solute carrier family 25 (mitochondrial oxodicarboxylate carrier), member 21	3.051
THC2369168	--	Unannotated	3.015
A_32_P162443	--	Unannotated	3.001
AF119882	PRO2492	ENSG00000212648	2.995
ENST00000334998	MSTP9	macrophage stimulating, pseudogene 9	2.971
AK090546	--	Unannotated	2.964
NM_152440	FLJ32549	Homo sapiens hypothetical protein FLJ32549 (hypothetical protein FLJ32549), mRNA [NM_152440]	2.942
AW081817	UTRN	utrophin	2.922
AK055501	RPL15	ribosomal protein L15	2.879
CR749685	--	Unannotated	2.858
NM_012188	FOXI1	forkhead box 11	2.855
AF090892	CNTF	ciliary neurotrophic factor	2.81
THC2375712	--	Unannotated	2.807
THC2438785	--	Unannotated	2.773
NM_207644	C22orf36	chromosome 22 open reading frame 36	2.765
NM_005592	MUSK	muscle, skeletal, receptor tyrosine kinase	2.745
A_24_P933761	--	Unannotated	2.743
AK125176	--	Unannotated	2.7
AJ305312	C8orf5	chromosome 8 open reading frame 5	2.69
BC033940	--	Unannotated	2.658
BC010432	--	Unannotated	2.63
ENST00000296343	--	KIAA0226	2.604
AF361491	--	Unannotated	2.597
A_32_P45727	--	Unannotated	2.468
AF010236	SGCD	sarcoglycan, delta (35kDa dystrophin-associated glycoprotein)	2.435
ENST00000233161	--	KIAA1912	2.422
NM_181435	C1QTNF3	C1q and tumor necrosis factor related protein 3	2.37
AF234262	--	IL-1beta-regulated neutrophil survival protein	2.36
AL359654	SLC2A2	solute carrier family 2 (facilitated glucose transporter), member 2	2.325
NM_139241	FGD4	FYVE, RhoGEF and PH domain containing 4	2.275
AK098270	--	Unannotated	2.209

NM_153029	N4BP1	Nedd4 binding protein 1	2.197
AK023571	--	Unannotated	2.18
CB049993	--	Unannotated	2.161
NM_020546	ADCY2	adenylate cyclase 2	2.147
NM_002119	HLA-DOA	major histocompatibility complex, class II, DO alpha	2.081
A_32_P5628	--	Unannotated	2.054
NM_001911	CTSG	cathepsin G	0.384
NM_000045	ARG1	arginase, liver	0.352
NM_000076	CDKN1C	cyclin-dependent kinase inhibitor 1C	0.271
NM_001816	CEACAM8	carcinoembryonic antigen-related cell adhesion molecule 8	0.264
THC2303268	--	Unannotated	0.241
NM_002343	LTF	lactotransferrin (LTF)	0.205
NM_145285	NKX2-3	NK2 transcription factor related, locus 3	0.191
NM_004345	CAMP	cathelicidin antimicrobial peptide	0.111
NM_005217	DEFA3	defensin, alpha 3, neutrophil-specific	0.019