

SUPPLEMENTAL TABLE 3: GENES DIFFERENTIALLY EXPRESSED BY CONTACT BETWEEN MONOCYTES AND ECS

Gene ID	Gene Symbol	Gene Name	Fold Change, (Transmigrated/Untreated)	Fold Change, (Unmigrated Above/Untreated)
CR620532	RASA2	RAS p21 protein activator 2	5.619	2.966
AL832717	MCTP2	multiple C2 domains, transmembrane 2	4.97	3.517
NM_006506	RASA2	RAS p21 protein activator 2	4.491	2.297
NM_203391	GK	glycerol kinase	4.298	2.555
A_23_P395705	--	Unannotated	4.255	5.937
NM_004105	EFEMP1	EGF-containing fibulin-like extracellular matrix protein 1	3.831	3.132
NM_203391	GK	glycerol kinase	3.759	2.696
NM_138322	PCSK6	proprotein convertase subtilisin/kexin type 6	3.731	2.531
NM_174918	TRAPPC5	trafficking protein particle complex 5	3.7	3.001
A_24_P918473	--	Unannotated	3.16	2.284
NM_004536	NAIP	baculoviral IAP repeat-containing 1	2.952	2.504
NM_018677	ACSS2	acetyl-Coenzyme A synthetase 2	2.943	2.019
NM_033274	ADAM19	a disintegrin and metalloproteinase domain 19	2.884	2.404
NM_003279	TNNC2	troponin C2, fast	2.88	2.489
NM_016733	LIMK2	LIM domain kinase 2	2.863	2.307
NM_020704	FAM40B	family with sequence similarity 40, member B	2.851	2.129
NM_004862	LITAF	lipopolysaccharide-induced TNF factor	2.684	2.015
NM_001295	CCR1	chemokine (C-C motif) receptor 1	2.585	2.513
THC2278676	--	Unannotated	2.553	2.124
NM_004125	LOC552891	hypothetical protein LOC552891	2.552	2.548
NM_001673	ASNS	asparagine synthetase	2.539	2.069
NM_000418	IL4R	interleukin 4 receptor	2.515	2.37
AF151783	FAM129B	family with sequence similarity 129, member B	2.514	2.017
THC2352042	ACSL3	Acyl-CoA synthetase long-chain family member 3	2.51	2.189
NM_001462	FPRL1	formyl peptide receptor-like 1	2.498	2.596
AK090407	PGS1	phosphatidylglycerophosphate synthase 1	2.492	2.132
NM_080387	CLEC4D	C-type lectin domain family 4, member D	2.424	2.031
NM_033050	SUCNR1	succinate receptor 1	2.421	3.46
NM_173647	RNF149	ring finger protein 149	2.402	2.409

NM_018167	BTBD7	BTB (POZ) domain containing 7	2.363	2.266
NM_020943	KIAA1604	Nucampholin homolog	2.346	2.276
THC2270231	--	Pre-B cell enhancing factor	2.321	2.068
NM_012198	GCA	granalcin, EF-hand calcium binding protein	2.191	2.38
NM_005746	PBEF1	pre-B-cell colony enhancing factor 1	2.166	2.119
NM_015715	PLA2G3	phospholipase A2, group III	0.494	0.484
BC053363	GJD3	gap junction protein, delta 3, 31.9kDa	0.483	0.361
A_24_P332461	--	Unannotated	0.466	0.424
NM_024585	ARMC7	armadillo repeat containing 7	0.463	0.415
M90656	GCLC	gamma-glutamylcysteine synthetase	0.451	0.464
NM_001925	DEFA4	defensin, alpha 4, corticostatin	0.441	4.095
NM_005655	KLF10	Kruppel-like factor 10	0.439	0.482
AA253216	C6orf145	chromosome 6 open reading frame 145	0.434	0.409
ENST00000344259	--	Unannotated	0.42	0.405
NM_006100	ST3GAL6	ST3 beta-galactoside alpha-2,3-sialyltransferase 6	0.412	0.48
NM_015199	ANKRD28	ankyrin repeat domain 28	0.403	0.397
NM_015401	HDAC7A	histone deacetylase 7A	0.396	0.492
NM_001911	CTSG	cathepsin G	0.384	2.658
NM_033387	FAM78A	family with sequence similarity 78, member A	0.38	0.491
NM_014807	TMEM24	transmembrane protein 24	0.372	0.473
NM_001505	GPR30	G protein-coupled receptor 30	0.372	0.358
NM_006482	DYRK2	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2	0.369	0.461
NM_018353	C14orf106	chromosome 14 open reading frame 106	0.364	0.424
ENST00000278590	ZC3H12C	zinc finger CCCH-type containing 12C	0.364	0.388
NM_020873	LRRN1	leucine rich repeat neuronal 1	0.356	0.378
THC2385978	--	SNF7 domain containing protein 2	0.344	0.387
ENST00000297145	--	hypothetical protein FLJ31818	0.341	0.388
A_24_P367169	--	Unannotated	0.315	0.36
ENST00000313594	hCG_1642425	glycine cleavage system protein H (aminomethyl carrier) pseudogene	0.295	0.289
NM_001816	CEACAM8	carcinoembryonic antigen-related cell adhesion molecule 8	0.264	3.06
NM_024420	PLA2G4A	phospholipase A2, group IVA	0.174	0.233
NM_018252	C1orf75	chromosome 1 open reading frame 75	0.174	0.261