

Table 3: Down-regulation of genes in iBMDCs treated with [BF/S+L/Ep] for (A) 4 h or (B) 12 h compared to DMSO alone.

Gene Name	Gene Title	Accession Number	Expression Ratio ^a (+)/(-)
At 4 h:			
Cluster 1	Adhesion molecules, Cytoskeleton, Cell movement		
Cnn3	calponin 3, acidic	NM_028044	0.13
Cdh10	cadherin 10	Q3UUB3	0.27
Itga6	integrin alpha 6	NM_008397	0.50
Cluster 2	Cell cycle, DNA repair, Apoptosis		
Sycp1	synaptonemal complex protein 1	NM_011516	0.25
Cluster 3	Enzyme, Kinase		
Atad1	ATPase family, AAA domain containing 1	NM_026487	0.48
St8sia6	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 6	NM_145838	0.45
Prkce	Protein kinase C, epsilon	NM_011104	0.47
Cluster 4	DNA binding protein, Transcription factor		
Shprh	SNF2 histone linker PHD RING helicase	NM_172937	0.27
Zfp39	zinc finger protein 39	NM_011758	0.31
Cluster 5	Miscellaneous		
Cep110	centrosomal protein 110	XM_981952	0.46

At 12 h:

Cluster 1	Adhesion molecules, cytoskeleton; cell movement		
Cdh1	Cadherin 1	NM_009864	0.30
Gja1	gap junction membrane channel protein alpha 1	NM_010288	0.48
Cluster 2	Signal transmission, Transporter		

Rab17	RAB17, member RAS oncogene family	NM_008998	0.42
Oscar	osteoclast associated receptor	NM_175632	0.44
Kcne3	Voltage-gated potassium channel, Isk-related subfamily, gene 3	NM_020574	0.49
Sla	src-like adaptor	NM_009192	0.50
Cluster 3 Enzyme, Kinase			
Setd4	SET domain containing 4	NM_145482	0.32
Ndufb2	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2	NM_026612	0.39
Acss1	acyl-CoA synthetase short-chain family member 1	NM_080575	0.40
Cluster 4 DNA binding protein, Transcription factor			
Sox6	SRY-box containing gene 6	NM_011445	0.06
Dmc1h	disrupted meiotic cDNA 1 homolog	NM_010059	0.17
Nfxl1	nuclear transcription factor, X-box binding-like 1	Q3ULV1	0.36
Huwe1	HECT, UBA and WWE domain containing 1	NM_021523	0.41
Cluster 5 Protein metastasis			
Fbxo36	F-box only protein 36	NM_025386	0.46
Cluster 6 RNA binding protein, Translation factor			
Rbm14	RNA binding motif protein 14	NM_019869	0.50
Cluster 7 Miscellaneous			
Speer4b	spermatogenesis associated glutamate (E)-rich protein 4b	NM_028561	0.19
Ccdc21	coiled-coil domain containing 21	NM_144527	0.47
Mgl1	macrophage galactose N-acetyl-galactosamine specific lectin 1	NM_010796	0.48

^a Expression ratio is defined as relative difference in expression with (+) compared to without (-) treatment with [BF/S+L/Ep] plant extract; (-) is DMSO vehicle control.