

Supplementary table 4. Annotation of selected genes whose expression was more than 1.5 times lower than that in the control group, following treatment with the AM18W-13a extract for 24 h.

Gene Symbol	Gene Name	Gene Ontology
<i>Abcc1</i>	ATP-binding cassette, sub-family C (CFTR/MRP), member 1	Cell chemotaxis, response to oxidative stress
<i>Ccl3</i>	chemokine (C-C motif) ligand 3	monocyte chemotaxis, inflammatory response, lipopolysaccharide-mediated signaling pathway
<i>Ccl4</i>	chemokine (C-C motif) ligand 4	monocyte chemotaxis, inflammatory response, lipopolysaccharide-mediated signaling pathway
<i>Flt1</i>	FMS-like tyrosine kinase 1	Angiogenesis, monocyte chemotaxis
<i>Nrp1</i>	neuropilin 1	Angiogenesis, positive chemotaxis, response to wounding
<i>Pdgfb</i>	platelet derived growth factor, B polypeptide	monocyte chemotaxis, substrate-dependent cell migration
<i>Plau</i>	plasminogen activator, urokinase	positive regulation of cell migration, wound healing, NF-kappa B signaling pathway
<i>S100a8</i>	S100 calcium binding protein A8 (calgranulin A)	immune system process, chemotaxis leukocyte migration involved in inflammatory response

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	Gene Symbol	Gene Name	Gene Ontology
Cluster 5 (Inflammatory response)	<i>Irg1</i>	immunoresponsive gene 1	immune system process, inflammatory response, response to lipopolysaccharide
	<i>Serpine1</i>	serine (or cysteine) peptidase inhibitor, clade E, member 1	positive regulation of inflammatory response, cellular response to lipopolysaccharide, wound healing
	<i>Tnf</i>	tumor necrosis factor	IL-10 Anti-inflammatory Signaling Pathway, response to lipopolysaccharide
	<i>Trem3</i>	triggering receptor expressed on myeloid cells 3	neutrophil chemotaxis, lipopolysaccharide binding
Cluster 9 (Cytokine-cyto kine receptor interaction)	<i>Cd36</i>	CD36 antigen	positive regulation of interleukin-6 production, cellular response to lipopolysaccharide
	<i>Clec4n</i>	C-type lectin domain family 4, member n	adaptive immune response
	<i>Dcstamp</i>	dendrocyte expressed seven transmembrane protein	immune system process, cellular response to interleukin-4
	<i>Serpinb9</i>	serine (or cysteine) peptidase inhibitor, clade B, member 9	acute inflammatory response to antigenic stimulus, T cell mediated cytotoxicity
	<i>Slc11a1</i>	solute carrier family 11 (proton-coupled divalent metal ion transporters), membe	cellular response to lipopolysaccharide, wound healing
	<i>Slpi</i>	secretory leukocyte peptidase inhibitor	Immune response response to lipopolysaccharide

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Gene Symbol	Gene Name	Gene Ontology
<i>Gch1</i>	GTP cyclohydrolase 1	response to lipopolysaccharide, response to tumor necrosis factor
<i>Gstp1</i>	glutathione S-transferase, pi 1	cellular response to lipopolysaccharide, response to tumor necrosis factor
<i>Hmox1</i>	heme oxygenase (decycling) 1	IL-10 Anti-inflammatory Signaling Pathway, wound healing involved in inflammatory response
<i>Ptgir</i>	prostaglandin I receptor (IP)	inflammatory response, response to lipopolysaccharide
<i>Ptgs2</i>	prostaglandin-endoperoxide synthase 2	inflammatory response, response to lipopolysaccharide
<i>Prkar2b</i>	protein kinase, cAMP dependent regulatory, type II beta	cAMP dependent regulatory, Nitric Oxide Signaling Pathway