

Supplementary table 5. Annotation of selected genes whose expression was more than 1.5 times higher than that in the control group, following treatment with the AM18W-13a extract for 24 h.

Gene Symbol	Gene Name	Gene Ontology
<i>Aif1</i>	allograft inflammatory factor 1	inflammatory response, positive regulation of monocyte chemotaxis
<i>Cxcl16</i>	chemokine (C-X-C motif) ligand 16	receptor-mediated endocytosis, T cell chemotaxis, response to lipopolysaccharide
<i>Cxcr4</i>	chemokine (C-X-C motif) receptor 4	regulation of chemotaxis
Cluster1 (Chemotaxis)	<i>C3ar1</i> complement component 3a receptor 1	complement receptor mediated signaling pathway, chemotaxis, inflammatory response
	<i>Lgals9</i> lectin, galactose binding, soluble 9	immune system process, chemotaxis, response to lipopolysaccharide
	<i>Slpr1</i> sphingosine-1-phosphate receptor 1	leukocyte chemotaxis, positive regulation of positive chemotaxis
	<i>Tgfb1</i> transforming growth factor, beta receptor I	NFkB activation by Nontypeable Hemophilus influenzae
	<i>Gas6</i> growth arrest specific 6	positive regulation of cytokine-mediated signaling pathway, negative regulation of interleukin-6 production

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	Gene Symbol	Gene Name	Gene Ontology
Cluster 5 (Inflammatory response)	<i>Clec7a</i>	C-type lectin domain family 7, member a	leukocyte activation involved in immune response, inflammatory response
	<i>Fcgr3</i>	Fc receptor, IgG, low affinity III	neutrophil chemotaxis, regulation of immune response
Cluster 9 (Cytokine-cyto kine receptor interaction)	<i>Blnk</i>	B cell linker	immune response
	<i>Cd28</i>	CD28 antigen	immune response, positive regulation of interleukin-10 production,
	<i>Ifi44l</i>	interferon-induced protein 44	immune response, Jak-STAT signaling pathway
	<i>Il6ra</i>	interleukin 6 receptor, alpha	positive regulation of interleukin-6 production, positive regulation of JAK-STAT cascade
	<i>Il10ra</i>	interleukin 10 receptor, alpha	:IL-10 Anti-inflammatory Signaling Pathway, interleukin-10 receptor activity,
	<i>Il18</i>	interleukin 18	:IL12 and Stat4 Dependent Signaling Pathway in Th1 Development, lipopolysaccharide-mediated signaling pathway

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	Gene Symbol	Gene Name	Gene Ontology
Cluster 17 (Immunity)	<i>C1qb</i>	complement component 1, q subcomponent, beta polypeptide	innate immune response
	<i>Id3</i>	inhibitor of DNA binding 3	response to wounding
	<i>Irf9</i>	interferon regulatory factor 9	IFN alpha signaling pathway, Jak-STAT signaling pathway
Others	<i>Lyst</i>	lysosomal trafficking regulator	neutrophil mediated immunity, eukocyte chemotaxis
	<i>St6gal1</i>	beta galactoside alpha 2,6 sialyltransferase 1	negative regulation of chemotaxis
	<i>Tifab</i>	TRAF-interacting protein with forkhead-associated domain, family member B	I-kappaB kinase/NF-kappaB signaling,
	<i>Tsc22d3</i>	TSC22 domain family, member 3	negative regulation of activation-induced cell death of T cells, AP1-binding