

Category	Term	Count	%	Adj. p value	Gene ID
GOTERM_BP	stress-activated	6	75	3.08E-07	MAPK14/DUSP1/MAP3K5/MAPK1
	MAPK cascade				/MAPK8/TLR4
GOTERM_BP	stress-activated	6	75	3.08E-07	MAPK14/DUSP1/MAP3K5/MAPK1
	protein kinase				/MAPK8/TLR4
	signaling cascade				
GOTERM_BP	response to	6	75	1.77E-06	CYBB/DUSP1/MAP3K5/MAPK1
	oxidative stress				/MAPK8/TLR4
GOTERM_MF	protein	5	62.5	1.16E-05	ATM/MAPK14/MAP3K5/MAPK1
	serine/threonine				/MAPK8
	kinase activity				
GOTERM_BP	regulation of MAP	5	62.5	1.76E-05	MAPK14/DUSP1/MAP3K5/MAPK1
	kinase activity				/TLR4
GOTERM_BP	cellular response to	5	62.5	1.76E-05	CYBB/MAP3K5/MAPK1/MAPK8/TLR4
	external stimulus				
GOTERM_BP	activation of MAPK	4	50	4.24E-05	MAPK14/MAP3K5/MAPK1/TLR4
	activity				
GOTERM_BP	cellular response to	4	50	8.93E-05	MAPK14/MAPK1/MAPK8/TLR4
	lipopolysaccharide				
KEGG_PATHWAY	NOD-like receptor	5	62.5	2.26E-05	MAPK14/CYBB/MAPK1/MAPK8/TLR4

	signaling pathway				
KEGG_PATHWAY	Shigellosis	5	62.5	3.17E-05	ATM/MAPK14/MAPK1/MAPK8/TLR4
KEGG_PATHWAY	Toll-like receptor		50		
	signaling pathway	4		3.17E-05	MAPK14/MAPK1/MAPK8/TLR4
KEGG_PATHWAY	TNF signaling		50		
	pathway	4		3.41E-05	MAPK14/MAP3K5/MAPK1/MAPK8
KEGG_PATHWAY	MAPK signaling		62.5		MAPK14/DUSP1/MAP3K5/MAPK1
	pathway	5		3.53E-05	/MAPK8
KEGG_PATHWAY	FoxO signaling		50		
	pathway	4		4.56E-05	ATM/MAPK14/MAPK1/MAPK8
KEGG_PATHWAY	Apoptosis	4	50	4.76E-05	ATM/MAP3K5/MAPK1/MAPK8
KEGG_PATHWAY	Fluid shear stress		50		
	and atherosclerosis	4		4.76E-05	MAPK14/DUSP1/MAP3K5/MAPK8
