

**Table S6: DAVID functional gene list: response to bacteria/defense**

<b>Gene Symbol</b>	<b>Gene Name</b>	<b>Fold change</b>	<b>FDR</b>	<b>Higher expressed in</b>
Ang4	angiogenin, ribonuclease A family, member 4	33,06	2,23E-07	C57BL/10
Pnliprp2	pancreatic lipase-related protein 2	15,17	2,19E-08	C57BL/10
Tlr1	toll-like receptor 1	4,34	8,16E-13	C57BL/10
Cd74	CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated)	3,61	2,27E-07	C3H
Defb37	defensin beta 37	3,13	1,86E-03	C57BL/10
Fkbp1b	FK506 binding protein 1b	2,94	2,00E-06	C3H
Lyz2	lysozyme 2	2,87	1,10E-05	C3H
H2-Q1	histocompatibility 2, Q region locus 1	2,51	8,64E-07	C3H
Ido1	indoleamine 2,3-dioxygenase 1	2,49	2,91E-02	C3H
Timp3	tissue inhibitor of metalloproteinase 3	2,45	1,41E-03	C3H
Adh1	alcohol dehydrogenase 1 (class I)	2,39	1,32E-03	C3H
Hck	hemopoietic cell kinase	2,20	8,88E-05	C57BL/10
Dhx58	DEXH (Asp-Glu-X-His) box polypeptide 58	2,10	8,29E-05	C3H
F3	coagulation factor III	2,10	4,59E-02	C3H
Me1	malic enzyme 1, NADP(+)-dependent, cytosolic	2,09	2,77E-02	C57BL/10
Thbs1	thrombospondin 1	2,02	3,19E-04	C3H
Ly96	lymphocyte antigen 96	2,01	5,73E-07	C57BL/10