

Pathway	p-Value
Cytokine-cytokine receptor interaction	1.17E-29
Calcium signaling pathway	3.93E-22
Cell adhesion molecules (CAMs)	1.11E-20
Primary immunodeficiency	1.51E-20
MAPK signaling pathway	2.43E-20
Allograft rejection	2.47E-16
Type I diabetes mellitus	7.39E-16
Asthma	3.26E-15
B cell receptor signaling pathway	1.51E-14
GnRH signaling pathway	2.50E-11
Antigen processing and presentation	3.62E-11
Natural killer cell mediated cytotoxicity	5.90E-11
Graft-versus-host disease	1.64E-10
Systemic lupus erythematosus	3.26E-10
Jak-STAT signaling pathway	5.90E-10
Leukocyte transendothelial migration	4.06E-08

Supplementary information, Table S1 KEGG pathway enrichment analysis of three sets of genes in CD11a^{hi} FcγRIII^{hi} B and conventional B cells. C57BL/6 mice were infected with LM. Splenic CD11a^{hi}FcγRIII^{hi} B and conventional B cells were sorted 3d post-infection, respectively. Immuno-pathways enrichment of higher expressed genes in both two B cell subsets was then analyzed.