## Cluster1 n: 13 Groups regulation of defense response regulation of cytokine secretion response to external biotic stim... inflammatory response regulation of response to extern... cytokine-mediated signaling pathway positive regulation of cytokine ... Cluster2 Enrichment P-value 10<sup>-8</sup> response to bacterium NOD-like receptor signaling pathway cell chemotaxis inflammatory response Chemokine signaling pathway response to lipopolysaccharide Cytokine-cytokine receptor inter... TNF signaling pathway Rheumatoid arthritis Cluster3 Cluster4 Herpes simplex infection immune effector process Toll-like receptor signaling pat... Influenza A response to virus Cytokine-cytokine receptor inter...

Cluster5

Cytosolic DNA-sensing pathway

positive regulation of immune sy...