

Combined GSEA Table

Method: p-value

GO: gene ontology ; DO: disease ontology

| Terms | Results | # of methods found term significantly enriched | # methods included term in analysis |
|---|---------------------------------|--|-------------------------------------|
| azurophil granule lumen | GO - 8.378832e-08 | 1 | 1 |
| primary lysosome | GO - 9.619158e-08 | 1 | 1 |
| azurophil granule | GO - 9.619158e-08 | 1 | 1 |
| vacuolar lumen | GO - 5.213772e-06 | 1 | 1 |
| secretory granule lumen | GO - 1.411580e-05 | 1 | 1 |
| cytoplasmic vesicle lumen | GO - 1.489547e-05 | 1 | 1 |
| vesicle lumen | GO - 1.529922e-05 | 1 | 1 |
| humoral immune response | GO - 3.700859e-05 1.8786e-04 | 2 | 2 |
| complement component C1 complex | GO - 1.759060e-04 | 1 | 1 |
| complement component C1q complex | GO - 1.759060e-04 | 1 | 1 |
| sulfur compound binding | GO - 2.782161e-04 | 1 | 1 |
| external encapsulating structure | GO - 3.186779e-04 | 1 | 1 |
| extracellular matrix | GO - 3.186779e-04 | 1 | 1 |
| heparin binding | GO - 4.706176e-04 | 1 | 1 |
| defense response to Gram-negative bacterium | GO - 8.157717e-04 1.7386e-03 | 2 | 2 |
| collagen-containing | GO - 8.261343e-04 | 1 | 1 |

| | | | |
|--|-------------------|---|---|
| extracellular matrix | | | |
| antimicrobial humoral response | GO - 1.303395e-03 | 1 | 1 |
| vacuole | GO - 1.450314e-03 | 1 | 1 |
| glycosaminoglycan binding | GO - 3.155020e-03 | 1 | 1 |
| specific granule lumen | GO - 3.262407e-03 | 1 | 1 |
| defense response to bacterium | GO - 4.009930e-03 | 1 | 1 |
| neutrophil-mediated killing of bacterium | GO - 4.042266e-03 | 1 | 1 |
| lysosome | GO - 5.129388e-03 | 1 | 1 |
| lytic vacuole | GO - 5.129388e-03 | 1 | 1 |
| neutrophil-mediated killing of symbiont cell | GO - 6.061649e-03 | 1 | 1 |
| cell junction disassembly | GO - 6.255902e-03 | 1 | 1 |
| neutrophil mediated cytotoxicity | GO - 1.130855e-02 | 1 | 1 |
| secretory granule | GO - 1.493789e-02 | 1 | 1 |
| response to bacterium | GO - 2.273306e-02 | 1 | 1 |
| suramin binding | GO - 2.291934e-02 | 1 | 1 |
| secretory vesicle | GO - 3.747016e-02 | 1 | 1 |
| synapse pruning | GO - 3.762996e-02 | 1 | 1 |
| immune system process | DO - 2.6234e-03 | 1 | 1 |
| biological process involved in interspec... | DO - 1.63343-03 | 1 | 1 |
| regulation of immune response | DO - 8.566e-03 | 1 | 1 |

| | | | |
|--------------------------------------|-----------------|---|---|
| response to external biotic stimulus | DO -1.4737e-03 | 1 | 1 |
| defense response to other organism | DO -1.1544e-03 | 1 | 1 |
| response to other organism | DO - 1.4709e-03 | 1 | 1 |
| response to biotic stimulus | DO -1.5075e-03 | 1 | 1 |
| regulation of immune system process | DO -1.4578e-03 | 1 | 1 |

| Top 10 Enriched Terms | | | |
|---|---------------------------------|---|---|
| humoral immune response | GO - 3.700859e-05 1.8786e-04 | 2 | 2 |
| defense response to Gram-negative bacterium | GO - 8.157717e-04 1.7386e-03 | 2 | 2 |
| azurophil granule lumen | GO - 8.378832e-08 | 1 | 1 |
| primary lysosome | GO - 9.619158e-08 | 1 | 1 |
| azurophil granule | GO - 9.619158e-08 | 1 | 1 |
| vacuolar lumen | GO - 5.213772e-06 | 1 | 1 |
| secretory granule lumen | GO - 1.411580e-05 | 1 | 1 |
| cytoplasmic vesicle lumen | GO - 1.489547e-05 | 1 | 1 |
| vesicle lumen | GO - 1.529922e-05 | 1 | 1 |
| complement component C1 complex | GO - 1.759060e-04 | 1 | 1 |