Top 10 Enriched Pathways per Module

1
- regulation of T cell activation
- positive regulation of lymphocyte activation
- regulation of leukocyte cell−cell adhesion
- positive regulation of T cell activation
- production of molecular mediator of immune response
- positive regulation of leukocyte activation
- positive regulation of leukocyte cell−cell adhesion
- leukocyte cell−cell adhesion
- positive regulation of cell activation
- immunoglobulin production

2
- regulation of intracellular transport
- establishment of organelle localization
- regulation of chromosome organization
- nucleocytoplasmic transport
- nuclear transport
- endoplasmic reticulum to Golgi vesicle−mediated transport
- regulation of intracellular protein transport
- Golgi vesicle transport
- positive regulation of intracellular transport
- positive regulation of protein localization

3
- vacuole organization
- lytic vacuole organization
- lysosome organization
- macroautophagy
- regulation of TORC1 signaling
- TORC1 signaling
- vesicle organization
- regulation of autophagy

4
- axonogenesis
- extracellular matrix organization
- extracellular structure organization
- external encapsulating structure organization
- ameboidal−type cell migration
- regulation of cellular response to growth factor stimulus
- mesenchyme development
- gland development
- transmembrane receptor protein serine/threonine kinase signaling pathway
- cell−cell signaling by wnt

5
- protein insertion into membrane
- protein insertion into ER membrane
- establishment of protein localization to membrane
- tRNA processing
- tRNA metabolic process

8
- mitochondrial gene expression
- mitochondrial translation
- ribosome biogenesis
- oxidative phosphorylation
- aerobic respiration
- rRNA processing
- ncRNA processing
- cellular respiration
- ribosomal small subunit biogenesis
- rRNA metabolic process

9
- ribosome biogenesis
- rRNA processing
- ncRNA processing
- protein insertion into mitochondrial membrane
- rRNA metabolic process
- establishment of protein localization to mitochondrial membrane
- mitochondrial transport
- RNA splicing
- protein targeting to mitochondrion
- cytoplasmic translation

10
- fatty acid derivative biosynthetic process
- leukotriene D4 biosynthetic process
- glutathione catabolic process
- leukotriene D4 metabolic process

11
- thioester metabolic process
- acyl−CoA metabolic process
- ribonucleoside bisphosphate metabolic process
- purine nucleoside bisphosphate metabolic process
- nucleoside bisphosphate metabolic process
- purine ribonucleotide metabolic process
- ribonucleotide metabolic process
- ribose phosphate metabolic process

Pathway

0 5 10 15 20

−log10(p−value)

Module
1
2
3
4
5
8
9
10
11