

GeDiPNet Cluster 650 -- Enriched GO Terms (Biological Process)

GO term enrichment: Biological Process terms (gene2go, human/tax_id=9606 only), upper-tail hypergeometric test, fold enrichment = (overlap / cluster gene count) / (term gene count / universe size), Benjamini-Hochberg FDR-corrected. Top 15 terms per cluster by q-value. See scripts/build_cluster_go_enrichment.php on gedipnet.bicnirrh.res.in. Data as of: 2026-10-21 12:39:04. · Rows: 15 · Generated: 2026-10-21 08:33:19

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
regulation of mast cell chemotaxis	GO:0060753	1	RAC2	1	2	9343.50	1.070e-4	3.187e-3
lymphocyte aggregation	GO:0071593	1	RAC2	3	2	3114.50	3.211e-4	6.913e-3
regulation of respiratory burst	GO:0060263	1	RAC2	4	2	2335.88	4.281e-4	8.376e-3
regulation of neutrophil migration	GO:1902622	1	RAC2	4	2	2335.88	4.281e-4	8.376e-3
mast cell proliferation	GO:0070662	1	RAC2	5	2	1868.70	5.351e-4	9.696e-3
erythrocyte enucleation	GO:0043131	1	RAC2	5	2	1868.70	5.351e-4	9.696e-3
ADP biosynthetic process	GO:0006172	1	AK2	5	2	1868.70	5.351e-4	9.696e-3
positive regulation of mast cell proliferation	GO:0070668	1	RAC2	5	2	1868.70	5.351e-4	9.696e-3
regulation of hydrogen peroxide metabolic process	GO:0010310	1	RAC2	6	2	1557.25	6.421e-4	1.089e-2
nucleoside monophosphate metabolic process	GO:0009123	1	AK2	6	2	1557.25	6.421e-4	1.089e-2
AMP metabolic process	GO:0046033	1	AK2	7	2	1334.79	7.491e-4	1.202e-2
regulation of cell-substrate adhesion	GO:0010810	1	RAC2	8	2	1167.94	8.560e-4	1.301e-2
nucleobase-containing small molecule interconversion	GO:0015949	1	AK2	8	2	1167.94	8.560e-4	1.301e-2
regulation of mast cell degranulation	GO:0043304	1	RAC2	8	2	1167.94	8.560e-4	1.301e-2
cortical cytoskeleton organization	GO:0030865	1	RAC2	10	2	934.35	1.070e-3	1.490e-2