

GeDiPNet Cluster 470 -- 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: 2026-10-20 03:23:14. · Rows: 15 · Generated: 2026-10-19 23:18:54

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
positive regulation of T-helper 17 type immune response	GO:2000318	2	CARD9, IL23R	13	4	718.73	2.678e-6	1.916e-4
positive regulation of granulocyte macrophage colony-stimulating factor production	GO:0032725	2	CARD9, IL23R	15	4	622.90	3.605e-6	2.435e-4
positive regulation of interleukin-17 production	GO:0032740	2	CARD9, IL23R	27	4	346.06	1.204e-5	6.281e-4
positive regulation of cytokine production involved in inflammatory response	GO:1900017	2	CARD9, IL17RC	37	4	252.53	2.283e-5	1.020e-3
positive regulation of type II interferon production	GO:0032729	2	IL23R, IL12RB2	77	4	121.34	1.000e-4	3.095e-3
positive regulation of interleukin-6 production	GO:0032755	2	CARD9, IL17RC	103	4	90.71	1.792e-4	4.697e-3
cytokine-mediated signaling pathway	GO:0019221	2	IL23R, IL12RB2	145	4	64.44	3.551e-4	7.567e-3
regulation of interleukin-2 production	GO:0032663	1	CARD9	2	4	2335.88	4.281e-4	8.531e-3
response to lipopolysaccharide	GO:0032496	2	IL23R, IL12RB2	161	4	58.03	4.376e-4	8.676e-3
prolactin signaling pathway	GO:0038161	1	IL23R	4	4	1167.94	8.560e-4	1.331e-2
granulocyte chemotaxis	GO:0071621	1	IL17RC	5	4	934.35	1.070e-3	1.514e-2
positive regulation of NK T cell activation	GO:0051135	1	IL23R	5	4	934.35	1.070e-3	1.514e-2
response to fungus	GO:0009620	1	CARD9	6	4	778.63	1.284e-3	1.669e-2
response to peptidoglycan	GO:0032494	1	CARD9	6	4	778.63	1.284e-3	1.669e-2
interleukin-23-mediated signaling pathway	GO:0038155	1	IL23R	6	4	778.63	1.284e-3	1.669e-2