

GeDiPNet Cluster 646 -- 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 08:33:20

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
memory T cell proliferation	GO:0061485	1	DOCK8	1	3	6229.00	1.605e-4	4.263e-3
positive regulation of peripheral T cell tolerance induction	GO:0002851	1	FOXP3	1	3	6229.00	1.605e-4	4.263e-3
T cell tolerance induction	GO:0002517	1	FOXP3	2	3	3114.50	3.211e-4	6.913e-3
CD4-positive, CD25-positive, alpha-beta regulatory T cell lineage commitment	GO:0002362	1	FOXP3	2	3	3114.50	3.211e-4	6.913e-3
establishment of endothelial blood-brain barrier	GO:0014045	1	FOXP3	2	3	3114.50	3.211e-4	6.913e-3
negative regulation of chronic inflammatory response	GO:0002677	1	FOXP3	3	3	2076.33	4.816e-4	9.070e-3
negative regulation of alpha-beta T cell proliferation	GO:0046642	1	FOXP3	3	3	2076.33	4.816e-4	9.070e-3
isotype switching to IgE isotypes	GO:0048289	1	FOXP3	3	3	2076.33	4.816e-4	9.070e-3
negative regulation of isotype switching to IgE isotypes	GO:0048294	1	FOXP3	3	3	2076.33	4.816e-4	9.070e-3
negative regulation of CREB transcription factor activity	GO:0032792	1	FOXP3	4	3	1557.25	6.421e-4	1.089e-2
regulatory T cell differentiation	GO:0045066	1	FOXP3	4	3	1557.25	6.421e-4	1.089e-2
T cell anergy	GO:0002870	1	FOXP3	4	3	1557.25	6.421e-4	1.089e-2
positive regulation of establishment of T cell polarity	GO:1903905	1	DOCK8	4	3	1557.25	6.421e-4	1.089e-2
CD4-positive, CD25-positive, alpha-beta regulatory T cell differentiation	GO:0002361	1	FOXP3	4	3	1557.25	6.421e-4	1.089e-2
tolerance induction	GO:0002507	1	FOXP3	4	3	1557.25	6.421e-4	1.089e-2