

GeDiPNet Cluster 174 -- 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: 2026-10-08 03:23:04. · Rows: 15 · Generated: 2026-10-08 04:17:40

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
cytoplasmic translational initiation	GO:0002183	5	EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5	27	7	494.37	8.915e-14	4.848e-11
oligodendrocyte development	GO:0014003	5	EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5	28	7	476.71	1.085e-13	5.829e-11
response to heat	GO:0009408	5	EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5	41	7	325.56	8.265e-13	3.772e-10
response to peptide hormone	GO:0043434	5	EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5	50	7	266.96	2.335e-12	9.786e-10
response to glucose	GO:0009749	5	EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5	68	7	196.29	1.147e-11	4.111e-9
translational initiation	GO:0006413	5	EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5	75	7	177.97	1.898e-11	6.496e-9
T cell receptor signaling pathway	GO:0050852	5	EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5	121	7	110.31	2.177e-10	5.667e-8
translation	GO:0006412	5	EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5	310	7	43.06	2.486e-8	3.715e-6
central nervous system development	GO:0007417	4	ANKLE2, EIF2B2, EIF2B3, EIF2B4	158	7	67.58	1.688e-7	1.909e-5
ovarian follicle development	GO:0001541	3	EIF2B2, EIF2B4, EIF2B5	47	7	170.40	5.182e-7	4.881e-5
myelination	GO:0042552	3	EIF2B2, EIF2B4, EIF2B5	73	7	109.71	1.979e-6	1.456e-4
animal organ development	GO:0048513	2	EIF2B2, EIF2B4	102	7	52.34	6.086e-4	1.116e-2
regulation of catalytic activity	GO:0050790	1	ANKLE2	5	7	533.91	1.872e-3	2.238e-2
negative regulation of phosphorylation	GO:0042326	1	ANKLE2	6	7	444.93	2.246e-3	2.481e-2
mitotic nuclear membrane reassembly	GO:0007084	1	ANKLE2	10	7	266.96	3.741e-3	3.244e-2