

GeDiPNet Cluster 212 -- 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: 2026-10-07 22:17:25

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
cilium movement involved in cell motility	GO:0060294	4	DNAH10, CFAP46, DNAH1, DNAH7	27	14	197.75	3.425e-9	6.487e-7
cerebrospinal fluid circulation	GO:0090660	3	CFAP43, CFAP221, DAW1	18	14	222.46	2.713e-7	2.835e-5
epithelial cilium movement involved in extracellular fluid movement	GO:0003351	3	SPEF2, DAW1, DNAH1	26	14	154.01	8.615e-7	7.417e-5
sperm axoneme assembly	GO:0007288	3	CFAP43, SPEF2, DNAH1	31	14	129.17	1.486e-6	1.155e-4
cilium movement	GO:0003341	3	CFAP43, CFAP221, DNAH7	48	14	83.42	5.676e-6	3.384e-4
microtubule-based movement	GO:0007018	3	DNAH10, DNAH1, DNAH7	87	14	46.03	3.419e-5	1.373e-3
mucociliary clearance	GO:0120197	2	CFAP43, CFAP221	12	14	222.46	3.425e-5	1.374e-3
cilium-dependent cell motility	GO:0060285	2	DNAH1, DNAH7	12	14	222.46	3.425e-5	1.374e-3
inner dynein arm assembly	GO:0036159	2	DNAH1, DNAH7	18	14	148.31	7.920e-5	2.601e-3
establishment of localization in cell	GO:0051649	3	CFAP43, CFAP221, DAW1	147	14	27.24	1.629e-4	4.443e-3
motile cilium assembly	GO:0044458	2	CFAP43, CFAP221	28	14	95.34	1.948e-4	5.068e-3
cell projection organization	GO:0030030	3	CFAP43, CFAP221, CFAP46	214	14	18.71	4.911e-4	9.637e-3
positive regulation of protein geranylgeranylation	GO:2000541	1	MUSK	1	14	1334.79	7.492e-4	1.282e-2
negative regulation of DNA methylation-dependent heterochromatin formation	GO:0090310	1	KMT2A	2	14	667.39	1.498e-3	1.953e-2
protein processing involved in protein targeting to mitochondrion	GO:0006627	1	PMPCA	5	14	266.96	3.741e-3	3.244e-2