

GeDiPNet Cluster 559 -- 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 23:18:51

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
cell projection organization	GO:0030030	6	CC2D2A, CEP290, TMEM138, TMEM216, TMEM231, TMEM237	214	7	74.85	1.458e-11	5.373e-9
cilium assembly	GO:0060271	6	CC2D2A, CEP290, TMEM138, TMEM216, TMEM231, TMEM237	237	7	67.58	2.706e-11	9.381e-9
non-motile cilium assembly	GO:1905515	3	CC2D2A, CEP290, TMEM216	57	7	140.50	9.336e-7	8.133e-5
camera-type eye development	GO:0043010	3	CC2D2A, CEP290, TMEM231	74	7	108.23	2.063e-6	1.552e-4
smoothened signaling pathway	GO:0007224	2	CC2D2A, TMEM231	94	7	56.80	5.172e-4	9.734e-3
ciliary basal body-plasma membrane docking	GO:0097711	1	CEP290	2	7	1334.79	7.491e-4	1.230e-2
ciliary transition zone assembly	GO:1905349	1	CEP290	3	7	889.86	1.123e-3	1.550e-2
kidney development	GO:0001822	2	CC2D2A, CEP290	146	7	36.57	1.241e-3	1.651e-2
protein localization to ciliary transition zone	GO:1904491	1	CC2D2A	6	7	444.93	2.246e-3	2.244e-2
otic vesicle formation	GO:0030916	1	CEP290	7	7	381.37	2.620e-3	2.435e-2
pronephros development	GO:0048793	1	CEP290	7	7	381.37	2.620e-3	2.435e-2
regulation of establishment of protein localization	GO:0070201	1	CEP290	9	7	296.62	3.367e-3	2.763e-2
neuroepithelial cell differentiation	GO:0060563	1	TMEM231	12	7	222.46	4.487e-3	3.173e-2
hindbrain development	GO:0030902	1	CEP290	20	7	133.48	7.469e-3	4.045e-2
embryonic brain development	GO:1990403	1	CC2D2A	20	7	133.48	7.469e-3	4.045e-2