

GeDiPNet Cluster 477 -- 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: 2026-10-20 00:01:10

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
establishment of planar polarity	GO:0001736	4	FUZ, CELSR1, VANGL2, INTU	16	8	583.97	2.503e-11	8.740e-9
orthogonal dichotomous subdivision of terminal units involved in lung branching morphogenesis	GO:0060488	2	CELSR1, VANGL2	2	8	2335.88	1.604e-7	1.890e-5
planar dichotomous subdivision of terminal units involved in lung branching morphogenesis	GO:0060489	2	CELSR1, VANGL2	2	8	2335.88	1.604e-7	1.890e-5
lateral sprouting involved in lung morphogenesis	GO:0060490	2	CELSR1, VANGL2	2	8	2335.88	1.604e-7	1.890e-5
Wnt signaling pathway, planar cell polarity pathway	GO:0060071	3	VANGL1, CELSR1, VANGL2	34	8	206.11	3.063e-7	3.241e-5
establishment of body hair planar orientation	GO:0048105	2	CELSR1, VANGL2	4	8	1167.94	9.618e-7	8.326e-5
non-motile cilium assembly	GO:1905515	3	FUZ, VANGL2, INTU	57	8	122.94	1.491e-6	1.196e-4
neural tube closure	GO:0001843	3	FUZ, CELSR1, VANGL2	85	8	82.44	5.003e-6	3.178e-4
apical protein localization	GO:0045176	2	CELSR1, VANGL2	16	8	291.98	1.919e-5	8.968e-4
regulation of smoothened signaling pathway	GO:0008589	2	FUZ, INTU	29	8	161.09	6.474e-5	2.240e-3
intraciliary transport	GO:0042073	2	FUZ, INTU	36	8	129.77	1.003e-4	3.102e-3
neural tube development	GO:0021915	2	FUZ, INTU	45	8	103.82	1.573e-4	4.287e-3
hair follicle development	GO:0001942	2	FUZ, VANGL2	48	8	97.33	1.791e-4	4.696e-3
regulation of cilium assembly	GO:1902017	2	FUZ, INTU	52	8	89.84	2.104e-4	5.267e-3
Rho protein signal transduction	GO:0007266	2	CELSR1, VANGL2	66	8	70.78	3.393e-4	7.315e-3