

GeDiPNet Cluster 583 -- 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 23:18:18

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
fibroblast growth factor receptor signaling pathway involved in orbitofrontal cortex development	GO:0035607	2	FGFR2, FGFR1	2	36	519.08	3.608e-6	2.436e-4
orbitofrontal cortex development	GO:0021769	2	FGFR2, FGFR1	3	36	346.06	1.081e-5	5.779e-4
ventricular zone neuroblast division	GO:0021847	2	FGFR2, FGFR1	3	36	346.06	1.081e-5	5.779e-4
positive regulation of phospholipase activity	GO:0010518	2	FGFR2, FGFR1	4	36	259.54	2.160e-5	9.799e-4
cementum mineralization	GO:0071529	2	FGFR1, HACD1	6	36	173.03	5.386e-5	1.951e-3
positive regulation of Wnt signaling pathway	GO:0030177	3	FGFR2, LGR6, TERT	48	36	32.44	1.070e-4	3.249e-3
lung-associated mesenchyme development	GO:0060484	2	FGFR2, FGFR1	9	36	115.35	1.288e-4	3.709e-3
cellular response to hypoxia	GO:0071456	4	FGFR2, MDM4, TERT, TP53	139	36	14.94	1.435e-4	4.004e-3
chordate embryonic development	GO:0043009	2	FGFR2, FGFR1	11	36	94.38	1.963e-4	5.017e-3
epithelial to mesenchymal transition	GO:0001837	3	FGFR2, FGFR1, CUL5	61	36	25.53	2.188e-4	5.404e-3
branching involved in salivary gland morphogenesis	GO:0060445	2	FGFR2, FGFR1	12	36	86.51	2.353e-4	5.688e-3
inner ear morphogenesis	GO:0042472	3	FGFR2, FGFR1, FOXI1	65	36	23.96	2.642e-4	6.204e-3
mesenchymal cell differentiation	GO:0048762	2	FGFR2, FGFR1	13	36	79.86	2.777e-4	6.416e-3
replicative senescence	GO:0090399	2	TERT, TP53	16	36	64.89	4.257e-4	8.531e-3
entrainment of circadian clock by photoperiod	GO:0043153	2	NR2F6, TP53	24	36	43.26	9.697e-4	1.431e-2