

GeDiPNet Cluster 321 -- 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 00:11:11

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
sensory perception of sound	GO:0007605	5	OTOF, DIAPH1, SLC26A4, MYO7A, USH1C	162	8	72.09	2.524e-9	4.959e-7
inner ear morphogenesis	GO:0042472	3	FOXI1, MYO7A, USH1C	65	8	107.81	2.222e-6	1.598e-4
equilibrioception	GO:0050957	2	MYO7A, USH1C	6	8	778.63	2.404e-6	1.701e-4
sensory perception of light stimulus	GO:0050953	2	MYO7A, USH1C	13	8	359.37	1.248e-5	6.283e-4
inner ear auditory receptor cell differentiation	GO:0042491	2	MYO7A, USH1C	19	8	245.88	2.732e-5	1.153e-3
inner ear receptor cell stereocilium organization	GO:0060122	2	MYO7A, USH1C	25	8	186.87	4.788e-5	1.771e-3
sensory organ morphogenesis	GO:0090596	1	MYO7A	1	8	2335.88	4.281e-4	8.766e-3
pigment granule localization	GO:0051875	1	MYO7A	2	8	1167.94	8.560e-4	1.393e-2
pigment granule transport	GO:0051904	1	MYO7A	2	8	1167.94	8.560e-4	1.393e-2
glutamate reuptake	GO:0051935	1	KCNJ10	2	8	1167.94	8.560e-4	1.393e-2
protein localization to microvillus	GO:1904106	1	USH1C	2	8	1167.94	8.560e-4	1.393e-2
parallel actin filament bundle assembly	GO:0030046	1	USH1C	3	8	778.63	1.284e-3	1.789e-2
mechanoreceptor differentiation	GO:0042490	1	MYO7A	5	8	467.18	2.139e-3	2.400e-2
phagolysosome assembly	GO:0001845	1	MYO7A	5	8	467.18	2.139e-3	2.400e-2
auditory receptor cell morphogenesis	GO:0002093	1	USH1C	6	8	389.31	2.566e-3	2.663e-2