

GeDiPNet Cluster 561 -- 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 00:01:16

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	4	OTOF, SLC26A4, DIAPH1, MYO7A	162	7	65.92	1.867e-7	2.132e-5
inner ear morphogenesis	GO:0042472	2	FOXI1, MYO7A	65	7	82.14	2.474e-4	5.906e-3
sensory organ morphogenesis	GO:0090596	1	MYO7A	1	7	2669.57	3.746e-4	7.813e-3
pigment granule localization	GO:0051875	1	MYO7A	2	7	1334.79	7.491e-4	1.230e-2
pigment granule transport	GO:0051904	1	MYO7A	2	7	1334.79	7.491e-4	1.230e-2
glutamate reuptake	GO:0051935	1	KCNJ10	2	7	1334.79	7.491e-4	1.230e-2
mechanoreceptor differentiation	GO:0042490	1	MYO7A	5	7	533.91	1.872e-3	2.050e-2
phagolysosome assembly	GO:0001845	1	MYO7A	5	7	533.91	1.872e-3	2.050e-2
equilibrioception	GO:0050957	1	MYO7A	6	7	444.93	2.246e-3	2.244e-2
cellular response to histamine	GO:0071420	1	DIAPH1	6	7	444.93	2.246e-3	2.244e-2
tight junction organization	GO:0120193	1	CLDN9	7	7	381.37	2.620e-3	2.435e-2
visual perception	GO:0007601	2	KCNJ10, MYO7A	215	7	24.83	2.664e-3	2.457e-2
iodide transport	GO:0015705	1	SLC26A4	8	7	333.70	2.993e-3	2.594e-2
inner ear receptor cell differentiation	GO:0060113	1	MYO7A	9	7	296.62	3.367e-3	2.763e-2
protein localization to microtubule	GO:0035372	1	DIAPH1	10	7	266.96	3.741e-3	2.900e-2