

GeDiPNet Cluster 206 -- 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 07:21:17

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
gap junction-mediated intercellular transport	GO:1990349	2	GJB6, GJB2	6	11	566.27	4.719e-6	2.914e-4
cell communication by electrical coupling	GO:0010644	2	GJB6, GJB2	7	11	485.38	6.605e-6	3.817e-4
gap junction assembly	GO:0016264	2	GJB6, GJB2	8	11	424.70	8.804e-6	4.824e-4
sensory perception of sound	GO:0007605	3	GJB6, GJB2, POU3F4	162	11	31.46	1.003e-4	3.100e-3
hematopoietic stem cell homeostasis	GO:0061484	2	ARMCX5-GPRASP2, GPRASP2	30	11	113.25	1.358e-4	3.878e-3
cell communication	GO:0007154	2	GJB6, GJB2	80	11	42.47	9.708e-4	1.505e-2
urate biosynthetic process	GO:0034418	1	PRPS1	2	11	849.41	1.177e-3	1.702e-2
hypoxanthine biosynthetic process	GO:0046101	1	PRPS1	2	11	849.41	1.177e-3	1.702e-2
protein import into mitochondrial intermembrane space	GO:0045041	1	AIFM1	3	11	566.27	1.765e-3	2.164e-2
mitochondrial disulfide relay system	GO:0160203	1	AIFM1	3	11	566.27	1.765e-3	2.164e-2
ribonucleoside monophosphate biosynthetic process	GO:0009156	1	PRPS1	4	11	424.70	2.353e-3	2.546e-2
basolateral protein secretion	GO:0110010	1	AP1B1	5	11	339.76	2.940e-3	2.858e-2
5-phosphoribose 1-diphosphate biosynthetic process	GO:0006015	1	PRPS1	5	11	339.76	2.940e-3	2.858e-2
ear morphogenesis	GO:0042471	1	GJB6	5	11	339.76	2.940e-3	2.858e-2
negative regulation of mesenchymal cell apoptotic process	GO:2001054	1	POU3F4	6	11	283.14	3.527e-3	3.150e-2