

GeDiPNet Cluster 389 -- 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: 2026-10-07 03:23:06. · Rows: 15 · Generated: 2026-10-07 02:52:43

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
memory	GO:0007613	3	ROGDI, GRIN2A, SCN2A	87	10	64.44	1.142e-5	5.772e-4
locomotion	GO:0040011	2	ROGDI, GRIN2A	12	10	311.45	1.696e-5	7.891e-4
sodium ion transmembrane transport	GO:0035725	3	SLC13A5, GRIN2A, SCN2A	134	10	41.84	4.170e-5	1.572e-3
tricarboxylic acid transport	GO:0006842	1	SLC13A5	1	10	1868.70	5.351e-4	9.981e-3
succinate transport	GO:0015744	1	SLC13A5	1	10	1868.70	5.351e-4	9.981e-3
tricarboxylic acid transmembrane transport	GO:0035674	1	SLC13A5	1	10	1868.70	5.351e-4	9.981e-3
vitamin B6 metabolic process	GO:0042816	1	PLPBP	1	10	1868.70	5.351e-4	9.981e-3
intrinsic apoptotic signaling pathway in response to osmotic stress	GO:0008627	1	SCN2A	2	10	934.35	1.070e-3	1.569e-2
gamma-aminobutyrate shunt	GO:0006540	1	GAD1	2	10	934.35	1.070e-3	1.569e-2
oxaloacetate transport	GO:0015729	1	SLC13A5	2	10	934.35	1.070e-3	1.569e-2
fumarate transport	GO:0015741	1	SLC13A5	2	10	934.35	1.070e-3	1.569e-2
glycine betaine biosynthetic process from choline	GO:0019285	1	ALDH7A1	2	10	934.35	1.070e-3	1.569e-2
neurogenesis	GO:0022008	2	ROGDI, GRIN2A	102	10	36.64	1.290e-3	1.753e-2
directional locomotion	GO:0033058	1	GRIN2A	3	10	622.90	1.605e-3	1.983e-2
protein localization to postsynaptic membrane	GO:1903539	1	GRIN2A	3	10	622.90	1.605e-3	1.983e-2