

GeDiPNet Cluster 569 -- 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 00:01:23

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
regulation of grooming behavior	GO:2000821	1	DLG4	3	3	2076.33	4.816e-4	9.241e-3
AMPA glutamate receptor clustering	GO:0097113	1	DLG4	5	3	1245.80	8.025e-4	1.283e-2
regulation of mammary gland epithelial cell proliferation	GO:0033599	1	DEAF1	5	3	1245.80	8.025e-4	1.283e-2
NMDA selective glutamate receptor signaling pathway	GO:0098989	1	DLG4	6	3	1038.17	9.630e-4	1.423e-2
positive regulation of neuron projection arborization	GO:0150012	1	DLG4	8	3	778.63	1.284e-3	1.669e-2
receptor localization to synapse	GO:0097120	1	DLG4	9	3	692.11	1.444e-3	1.794e-2
synaptic vesicle maturation	GO:0016188	1	DLG4	9	3	692.11	1.444e-3	1.794e-2
cellular response to potassium ion	GO:0035865	1	DLG4	14	3	444.93	2.246e-3	2.244e-2
negative regulation of receptor internalization	GO:0002091	1	DLG4	15	3	415.27	2.406e-3	2.324e-2
locomotory exploration behavior	GO:0035641	1	DLG4	16	3	389.31	2.567e-3	2.402e-2
regulation of long-term neuronal synaptic plasticity	GO:0048169	1	DLG4	18	3	346.06	2.887e-3	2.555e-2
positive regulation of synaptic transmission	GO:0050806	1	DLG4	18	3	346.06	2.887e-3	2.555e-2
dendritic spine morphogenesis	GO:0060997	1	DLG4	18	3	346.06	2.887e-3	2.555e-2
protein localization to synapse	GO:0035418	1	DLG4	19	3	327.84	3.047e-3	2.623e-2
vocalization behavior	GO:0071625	1	DLG4	19	3	327.84	3.047e-3	2.623e-2