

GeDiPNet Cluster 429 -- 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 16:27:17

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
2-oxoglutarate decarboxylation to succinyl-CoA	GO:0120551	1	DLD	1	2	9343.50	1.070e-4	3.177e-3
pyruvate metabolic process	GO:0006090	1	DLD	4	2	2335.88	4.281e-4	8.586e-3
branched-chain alpha-keto acid decarboxylation to branched-chain acyl-CoA	GO:0120552	1	DLD	4	2	2335.88	4.281e-4	8.586e-3
pyruvate decarboxylation to acetyl-CoA	GO:0006086	1	DLD	7	2	1334.79	7.491e-4	1.251e-2
branched-chain amino acid catabolic process	GO:0009083	1	DLD	18	2	519.08	1.926e-3	2.203e-2
2-oxoglutarate metabolic process	GO:0006103	1	DLD	18	2	519.08	1.926e-3	2.203e-2
nitric oxide biosynthetic process	GO:0006809	1	CYB5R3	23	2	406.24	2.460e-3	2.533e-2
sperm capacitation	GO:0048240	1	DLD	25	2	373.74	2.674e-3	2.653e-2
sterol biosynthetic process	GO:0016126	1	CYB5R3	31	2	301.40	3.315e-3	2.980e-2
gastrulation	GO:0007369	1	DLD	38	2	245.88	4.063e-3	3.301e-2
cholesterol biosynthetic process	GO:0006695	1	CYB5R3	39	2	239.58	4.170e-3	3.336e-2
blood circulation	GO:0008015	1	CYB5R3	41	2	227.89	4.383e-3	3.429e-2
mitochondrial electron transport, NADH to ubiquinone	GO:0006120	1	DLD	47	2	198.80	5.024e-3	3.692e-2
steroid biosynthetic process	GO:0006694	1	CYB5R3	65	2	143.75	6.945e-3	4.329e-2
regulation of membrane potential	GO:0042391	1	DLD	85	2	109.92	9.077e-3	4.880e-2