

GeDiPNet Cluster 177 -- 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 02:26:13

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
aldosterone biosynthetic process	GO:0032342	2	CYP11B2, CYP11B1	3	2	6229.00	1.718e-8	2.735e-6
cortisol metabolic process	GO:0034650	2	CYP11B2, CYP11B1	4	2	4671.75	3.437e-8	4.929e-6
cortisol biosynthetic process	GO:0034651	2	CYP11B2, CYP11B1	5	2	3737.40	5.728e-8	7.598e-6
C21-steroid hormone biosynthetic process	GO:0006700	2	CYP11B2, CYP11B1	5	2	3737.40	5.728e-8	7.598e-6
glucocorticoid biosynthetic process	GO:0006704	2	CYP11B2, CYP11B1	7	2	2669.57	1.203e-7	1.406e-5
cellular response to potassium ion	GO:0035865	2	CYP11B2, CYP11B1	14	2	1334.79	5.212e-7	4.836e-5
alcohol metabolic process	GO:0006066	2	CYP11B2, CYP11B1	18	2	1038.17	8.763e-7	7.442e-5
cellular response to peptide hormone stimulus	GO:0071375	2	CYP11B2, CYP11B1	18	2	1038.17	8.763e-7	7.442e-5
sterol metabolic process	GO:0016125	2	CYP11B2, CYP11B1	22	2	849.41	1.323e-6	1.035e-4
cellular response to hormone stimulus	GO:0032870	2	CYP11B2, CYP11B1	48	2	389.31	6.461e-6	3.680e-4
steroid biosynthetic process	GO:0006694	2	CYP11B2, CYP11B1	65	2	287.49	1.191e-5	5.972e-4
cholesterol metabolic process	GO:0008203	2	CYP11B2, CYP11B1	107	2	174.64	3.248e-5	1.298e-3
regulation of blood volume by renal aldosterone	GO:0002017	1	CYP11B2	2	2	4671.75	2.140e-4	5.282e-3
mineralocorticoid biosynthetic process	GO:0006705	1	CYP11B2	2	2	4671.75	2.140e-4	5.282e-3
lipid metabolic process	GO:0006629	2	CYP11B2, CYP11B1	840	2	22.25	2.018e-3	2.275e-2