

GeDiPNet Cluster 117 -- 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: 2026-10-10 03:23:26. · Rows: 15 · Generated: 2026-10-10 13:26:44

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
epidermis development	GO:0008544	7	EDAR, EDA2R, TP63, CST6, KRT85, GRHL2, DSP	114	38	30.20	2.818e-9	5.597e-7
hair follicle development	GO:0001942	5	EDA, EDAR, WNT10A, TP63, HOXC13	48	38	51.23	4.250e-8	5.935e-6
skin development	GO:0043588	5	EDA, KDF1, WNT10A, RIPK4, DSP	55	38	44.71	8.547e-8	1.072e-5
odontogenesis of dentin-containing tooth	GO:0042475	5	EDA, EDAR, TRAF6, TP63, LEF1	56	38	43.91	9.371e-8	1.163e-5
intermediate filament organization	GO:0045109	5	KRT16, KRT17, KRT85, KRT74, DSP	70	38	35.13	2.909e-7	3.055e-5
keratinization	GO:0031424	5	KRT16, KRT17, KRT85, KRT74, CDH3	73	38	33.68	3.594e-7	3.634e-5
cell junction assembly	GO:0034329	3	OPHN1, RHOA, GRHL2	11	38	134.12	1.266e-6	1.029e-4
cellular response to cytokine stimulus	GO:0071345	4	TRAF6, RHOA, LEF1, NFKBIA	53	38	37.11	3.962e-6	2.567e-4
trachea gland development	GO:0061153	2	EDA, LEF1	2	38	491.76	4.027e-6	2.602e-4
cell-cell adhesion	GO:0098609	6	LRP6, ITGB4, NECTIN1, PKP1, CDH3, DSP	218	38	13.53	4.756e-6	2.962e-4
positive regulation of canonical NF-kappaB signal transduction	GO:0043123	6	EDA, EDAR, TRAF6, EDA2R, RHOA, IKBKG	232	38	12.72	6.797e-6	3.971e-4
keratinocyte differentiation	GO:0030216	4	KRT16, TP63, GRHL2, DSP	69	38	28.51	1.143e-5	5.995e-4
regulation of epidermal cell division	GO:0010482	2	KDF1, TP63	3	38	327.84	1.206e-5	6.247e-4
intermediate filament cytoskeleton organization	GO:0045104	3	KRT16, KRT74, DSP	23	38	64.14	1.336e-5	6.779e-4
salivary gland cavitation	GO:0060662	2	EDA, EDAR	5	38	196.71	4.011e-5	1.573e-3