

GeDiPNet Cluster 352 -- 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 18:43:28

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
transcription-coupled nucleotide-excision repair	GO:0006283	5	ERCC2, ERCC5, ERCC6, ERCC8, UVSSA	12	10	778.63	1.050e-14	6.826e-12
response to UV	GO:0009411	6	ERCC2, ERCC5, ERCC6, ERCC4, ERCC8, UVSSA	54	10	207.63	9.097e-14	5.019e-11
DNA repair	GO:0006281	7	ERCC1, ERCC2, ERCC5, ERCC6, ERCC4, ERCC8, UVSSA	420	10	31.15	3.122e-10	7.929e-8
DNA damage response	GO:0006974	7	ERCC1, ERCC2, ERCC5, ERCC6, ERCC4, ERCC8, UVSSA	577	10	22.67	2.858e-9	5.663e-7
nucleotide-excision repair	GO:0006289	4	ERCC1, ERCC2, ERCC5, ERCC4	42	10	177.97	4.583e-9	8.627e-7
UV protection	GO:0009650	3	ERCC1, ERCC2, ERCC4	12	10	467.18	2.422e-8	3.675e-6
response to X-ray	GO:0010165	3	ERCC1, ERCC6, ERCC8	19	10	295.06	1.065e-7	1.274e-5
response to oxidative stress	GO:0006979	4	ERCC1, ERCC2, ERCC6, ERCC8	146	10	51.20	7.240e-7	6.403e-5
telomeric DNA-containing double minutes formation	GO:0061819	2	ERCC1, ERCC4	3	10	1245.80	7.730e-7	6.731e-5
negative regulation of protection from non-homologous end joining at telomere	GO:1905765	2	ERCC1, ERCC4	3	10	1245.80	7.730e-7	6.731e-5
negative regulation of telomere maintenance	GO:0032205	2	ERCC1, ERCC4	5	10	747.48	2.575e-6	1.757e-4
transcription elongation by RNA polymerase I	GO:0006362	2	ERCC2, ERCC6	7	10	533.91	5.405e-6	3.196e-4
double-strand break repair via classical nonhomologous end joining	GO:0097680	2	ERCC6, ERCC8	11	10	339.76	1.414e-5	6.844e-4
single strand break repair	GO:0000012	2	ERCC6, ERCC8	12	10	311.45	1.696e-5	7.891e-4
multicellular organism growth	GO:0035264	3	ERCC1, ERCC2, ERCC6	115	10	48.75	2.640e-5	1.110e-3