

GeDiPNet Cluster 341 -- 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: 2026-10-08 03:23:04. · Rows: 15 · Generated: 2026-10-08 13:32:57

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
chromatin organization	GO:0006325	6	UHRF1, HCFC1, KDM6A, KMT2A, KMT2B, KMT2D	449	12	20.81	1.521e-7	1.750e-5
chromatin remodeling	GO:0006338	5	HELLS, BRCA2, HCFC1, KDM6A, KMT2B	320	12	24.33	1.024e-6	8.510e-5
methylation	GO:0032259	4	DNMT3B, KMT2A, KMT2B, KMT2D	191	12	32.61	4.910e-6	3.013e-4
heterochromatin formation	GO:0031507	3	HELLS, UHRF1, KMT2D	70	12	66.74	1.081e-5	5.624e-4
negative regulation of gene expression via chromosomal CpG island methylation	GO:0044027	2	HELLS, UHRF1	16	12	194.66	4.514e-5	1.701e-3
double-strand break repair via homologous recombination	GO:0000724	3	HELLS, UHRF1, BRCA2	119	12	39.26	5.312e-5	1.921e-3
regulation of DNA-templated transcription	GO:0006355	6	CDCA7, BRCA2, HCFC1, KMT2A, KMT2B, KMT2D	1454	12	6.43	1.347e-4	3.852e-3
beta-catenin-TCF complex assembly	GO:1904837	1	KMT2D	1	12	1557.25	6.422e-4	1.151e-2
epigenetic regulation of gene expression	GO:0040029	2	UHRF1, KMT2A	62	12	50.23	6.997e-4	1.227e-2
positive regulation of DNA-templated transcription	GO:0045893	4	BRCA2, HCFC1, KMT2A, KMT2B	778	12	8.01	1.129e-3	1.662e-2
chromosomal DNA methylation maintenance following DNA replication	GO:0141119	1	HELLS	2	12	778.63	1.284e-3	1.789e-2
mitotic recombination-dependent replication fork processing	GO:1990426	1	BRCA2	2	12	778.63	1.284e-3	1.789e-2
negative regulation of DNA methylation-dependent heterochromatin formation	GO:0090310	1	KMT2A	2	12	778.63	1.284e-3	1.789e-2
double-strand break repair	GO:0006302	2	HELLS, BRCA2	87	12	35.80	1.372e-3	1.864e-2
regulation of gene expression	GO:0010468	3	DNMT3B, KDM6A, KMT2A	402	12	11.62	1.881e-3	2.246e-2