

GeDiPNet Cluster 576 -- 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: 2026-10-20 03:23:14. · Rows: 15 · Generated: 2026-10-19 23:18:29

GO Term	GO ID	Overlap Genes	Overlap Gene Names	Term Gene Count	Cluster Gene Count	Fold Enrichment	P-value	FDR Q-value
canonical inflammasome complex assembly	GO:0140632	1	NLRP1	2	1	9343.50	1.070e-4	3.249e-3
NLRP1 inflammasome complex assembly	GO:1904784	1	NLRP1	8	1	2335.88	4.281e-4	8.531e-3
positive regulation of pyroptotic inflammatory response	GO:0140639	1	NLRP1	9	1	2076.33	4.816e-4	9.241e-3
self proteolysis	GO:0097264	1	NLRP1	11	1	1698.82	5.886e-4	1.058e-2
response to muramyl dipeptide	GO:0032495	1	NLRP1	13	1	1437.46	6.957e-4	1.178e-2
cellular response to UV-B	GO:0071493	1	NLRP1	14	1	1334.79	7.492e-4	1.230e-2
pyroptotic cell death	GO:0141201	1	NLRP1	14	1	1334.79	7.492e-4	1.230e-2
pattern recognition receptor signaling pathway	GO:0002221	1	NLRP1	21	1	889.86	1.124e-3	1.550e-2
activation of innate immune response	GO:0002218	1	NLRP1	37	1	505.05	1.980e-3	2.110e-2
pyroptotic inflammatory response	GO:0070269	1	NLRP1	40	1	467.18	2.141e-3	2.189e-2
programmed cell death	GO:0012501	1	NLRP1	42	1	444.93	2.248e-3	2.245e-2
intrinsic apoptotic signaling pathway	GO:0097193	1	NLRP1	45	1	415.27	2.408e-3	2.324e-2
positive regulation of interleukin-1 beta production	GO:0032731	1	NLRP1	66	1	283.14	3.532e-3	2.816e-2
antiviral innate immune response	GO:0140374	1	NLRP1	79	1	236.54	4.228e-3	3.092e-2
neuron apoptotic process	GO:0051402	1	NLRP1	98	1	190.68	5.244e-3	3.418e-2