GeDiPNet Shared-Gene Disease Pairs

Similarity: Jaccard index on shared curated genes (disease_gdp). Significance: upper-tail hypergeometric test (P(X>=k)), Benjamini-Hochberg FDR-corrected across all tested pairs. Corroborated Shared Genes: count of shared genes backed by >=2 distinct disease_gdp.main_source values combined across both diseases (e.g. GWAS-backed for one, ClinVar-backed for the other still counts); Shared Gene Names lists each gene's own source count in parentheses. Overlap Coefficient: shared genes / MIN(each disease's own total gene count) -- complements the Jaccard-based Similarity Score by showing how much of the SMALLER disease's entire known gene-set is covered by this pair, which Jaccard (dividing by the union) can understate. Shared Cluster: cluster id if both diseases fall in the same label-propagation cluster (scripts/build_disease_clusters.php), blank otherwise. See scripts/build_related.php on gedipnet.bicnirrh.res.in. Data as of: 2026-10-20 03:00:20. Filters applied: disease name contains "Kaposiform hemangioendothelioma" (6 matching pairs). · Rows: 6 · Generated: 2026-10-20 03:54:39

Disease A	Disease B	Shared Genes	Corroborated Shared Genes	Shared Gene Names	Similarity Score	Overlap Coefficient	P-value	FDR Q-value	Shared Cluster
Clear cell sarcoma of kidney	Kaposiform hemangioendothelioma	1	1	BCOR (2)	0.10000	0.25000	1.549e-3	2.192e-3	
Central nervous system anaplastic large cell lymphoma	Kaposiform hemangioendothelioma	1	0	BCOR (1)	0.10000	0.25000	1.549e-3	2.192e-3	
Expressive language delay	Kaposiform hemangioendothelioma	1	0	PABPC1 (1)	0.14286	0.33333	7.746e-4	1.247e-3	
Kaposiform hemangioendothelioma	Nijmegen breakage syndrome	1	0	RAD50 (1)	0.16667	0.50000	5.165e-4	9.125e-4	
Kaposiform hemangioendothelioma	Microphthalmia, syndromic 2	1	1	BCOR (2)	0.20000	1.00000	2.583e-4	5.384e-4	
Benign spiradenoma	Kaposiform hemangioendothelioma	2	0	BCOR (1), PABPC1 (1)	0.09524	0.50000	7.644e-6	4.180e-5	