

GeDiPNet Cluster 17 -- Pairs Within Cluster

Similarity: Jaccard index on shared curated genes (disease_gdp). Significance: upper-tail hypergeometric test, Benjamini-Hochberg FDR-corrected across all tested pairs. See scripts/build_related.php on gedipnet.bicnirrh.res.in. Data as of: 2026-10-08 03:00:13. · Rows: 53 · Generated: 2026-10-08 19:28:29

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Cancer	Ovarian serous carcinoma	0.58333	196	<1e-300	<1e-300
Ovarian cancer	Ovarian serous carcinoma	0.49493	244	<1e-300	<1e-300
Lung cancer	Squamous cell carcinoma	0.43042	433	<1e-300	<1e-300
Breast cancer	Estrogen-receptor negative breast cancer	0.26087	282	3.162e-321	4.134e-318
Cancer	Estrogen-receptor negative breast cancer	0.54571	197	8.860e-315	1.090e-311
Estrogen-receptor negative breast cancer	Ovarian serous carcinoma	0.52830	196	6.324e-307	6.962e-304
Estrogen-receptor negative breast cancer	Ovarian cancer	0.37230	207	1.234e-261	1.033e-258
Cancer	Ovarian cancer	0.37358	198	1.631e-261	1.312e-258
Cancer	Lung cancer	0.27949	199	1.615e-228	8.888e-226
Lung cancer	Ovarian serous carcinoma	0.27601	199	3.039e-223	1.550e-220
Estrogen-receptor negative breast cancer	Lung cancer	0.27665	205	5.941e-221	2.890e-218
Estrogen-receptor negative breast cancer	Squamous cell carcinoma	0.23831	209	6.798e-208	2.844e-205
Cancer	Squamous cell carcinoma	0.23212	198	4.134e-207	1.632e-204
Cancer	Prostate cancer	0.20472	208	2.704e-206	1.047e-203
Ovarian serous carcinoma	Squamous cell carcinoma	0.22970	198	6.245e-202	2.333e-199
Breast cancer	Ovarian cancer	0.21378	270	2.280e-197	7.949e-195
Ovarian serous carcinoma	Prostate cancer	0.19942	205	3.606e-195	1.237e-192
Estrogen-receptor negative breast cancer	Prostate cancer	0.20248	212	8.709e-193	2.938e-190
Breast cancer	Ovarian serous carcinoma	0.18528	209	4.187e-192	1.369e-189
Cancer	Colorectal cancer	0.19383	201	4.572e-192	1.471e-189
Colorectal cancer	Ovarian serous carcinoma	0.19330	202	1.706e-188	5.098e-186
Colorectal cancer	Estrogen-receptor negative breast cancer	0.19531	208	1.093e-184	3.089e-182
Ovarian cancer	Ovarian epithelial cancer	0.24625	115	6.451e-182	1.753e-179
Lung cancer	Ovarian cancer	0.24138	217	4.859e-181	1.287e-178
Ovarian cancer	Squamous cell carcinoma	0.21942	226	2.164e-172	5.144e-170
Colorectal cancer	Ovarian cancer	0.19950	240	1.543e-167	3.508e-165
Ovarian cancer	Prostate cancer	0.19983	238	1.534e-166	3.451e-164
Breast cancer	Prostate cancer	0.19423	330	1.234e-153	2.391e-151
Breast cancer	Lung cancer	0.18919	273	1.884e-151	3.488e-149
Colorectal cancer	Lung cancer	0.18513	254	3.988e-141	6.839e-139

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Colorectal adenoma	Colorectal cancer	0.08560	88	1.381e-70	9.996e-69
Colorectal adenoma	Neoplasms	0.10651	18	1.863e-25	4.668e-24
Estrogen-receptor negative breast cancer	Triple negative breast cancer	0.05079	16	3.746e-19	6.801e-18
Breast cancer	Uterine fibroid	0.04809	63	2.759e-15	4.010e-14
Ovarian epithelial cancer	Ovarian serous carcinoma	0.05464	20	9.806e-15	1.384e-13
Dental caries	Squamous cell carcinoma	0.04290	42	5.446e-13	6.765e-12
Androgenetic alopecia	Prostate cancer	0.05057	66	7.216e-13	8.858e-12
Dental caries	Lung cancer	0.04384	37	2.132e-12	2.474e-11
Androgenetic alopecia	Breast cancer	0.04908	69	3.073e-12	3.534e-11
Androgenetic alopecia	Colorectal cancer	0.04845	64	1.233e-11	1.352e-10
Ovarian serous carcinoma	Uterine fibroid	0.04719	26	2.990e-11	3.146e-10
Cancer	Colorectal adenoma	0.04427	17	2.021e-10	1.971e-9
Colorectal adenoma	Ovarian serous carcinoma	0.04061	16	2.819e-9	2.443e-8
Estrogen-receptor negative breast cancer	Ovarian epithelial cancer	0.03778	15	5.416e-9	4.570e-8
Cancer	Ovarian epithelial cancer	0.03857	14	8.840e-9	7.142e-8
Neoplasms	Triple negative breast cancer	0.05128	4	3.304e-6	1.777e-5
hereditary mixed polyposis syndrome	Neoplasms	0.02083	1	3.052e-3	4.025e-3
Colorectal adenoma	hereditary mixed polyposis syndrome	0.00714	1	9.027e-3	1.034e-2
Cancer	Essential pentosuria	0.00382	1	1.695e-2	1.860e-2
C3hex olfactory ability	Lung cancer	0.00154	1	4.215e-2	4.398e-2
myopathy with abnormal lipid metabolism	Squamous cell carcinoma	0.00127	1	5.124e-2	5.307e-2
Colorectal cancer	pili torti-developmental delay-neurological abnormalities syndrome	0.00102	1	6.338e-2	6.480e-2
Breast cancer	C3hex olfactory ability	0.00094	1	6.923e-2	7.066e-2