

GeDiPNet Cluster 14 -- 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: 2026-10-07 03:00:13. · Rows: 54 · Generated: 2026-10-07 10:30:31

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Crohn disease	Inflammatory bowel disease	0.63820	538	<1e-300	<1e-300
Crohn disease	Ulcerative colitis	0.61538	496	<1e-300	<1e-300
Inflammatory bowel disease	Ulcerative colitis	0.53357	453	<1e-300	<1e-300
Ankylosing spondylitis	Sclerosing cholangitis	0.55874	195	2.964e-323	4.666e-320
Ankylosing spondylitis	Ulcerative colitis	0.32712	228	1.729e-263	1.587e-260
Psoriasis	Sclerosing cholangitis	0.27249	206	1.027e-254	8.383e-252
Sclerosing cholangitis	Ulcerative colitis	0.30745	198	1.601e-254	1.260e-251
Ankylosing spondylitis	Psoriasis	0.28536	232	1.064e-249	8.088e-247
Ankylosing spondylitis	Crohn disease	0.29381	228	7.264e-249	5.336e-246
Crohn disease	Sclerosing cholangitis	0.27739	200	1.097e-246	7.552e-244
Crohn disease	Psoriasis	0.25508	289	7.249e-214	3.473e-211
Psoriasis	Ulcerative colitis	0.25280	271	2.801e-207	1.187e-204
Inflammatory bowel disease	Sclerosing cholangitis	0.20708	158	3.302e-162	7.503e-160
Inflammatory bowel disease	Psoriasis	0.21124	248	7.219e-161	1.560e-158
Ankylosing spondylitis	Inflammatory bowel disease	0.20528	171	8.801e-151	1.701e-148
Asthma	Respiratory system disease	0.15317	174	1.460e-149	2.797e-147
Eczema	Inflammatory skin disease	0.20765	76	8.221e-128	1.332e-125
Inflammatory skin disease	Psoriasis	0.10383	76	5.448e-103	6.861e-101
Eczema	Psoriasis	0.14990	143	3.367e-95	3.550e-93
Asthma	Eczema	0.13002	165	6.556e-95	6.815e-93
Asthma	Psoriasis	0.12289	197	3.425e-67	2.525e-65

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Crohn disease	Multiple sclerosis	0.12422	140	1.594e-65	1.137e-63
Multiple sclerosis	Ulcerative colitis	0.12500	132	4.717e-65	3.342e-63
Asthma	Crohn disease	0.11683	184	9.502e-62	6.288e-60
Eczema	Respiratory system disease	0.13670	73	4.231e-61	2.783e-59
Inflammatory bowel disease	Multiple sclerosis	0.11926	135	5.642e-61	3.689e-59
Crohn disease	Eczema	0.11041	105	2.044e-56	1.251e-54
Respiratory system disease	Ulcerative colitis	0.09219	72	1.769e-43	8.440e-42
Psoriasis vulgaris	Sclerosing cholangitis	0.11328	29	2.252e-39	9.770e-38
Inflammatory skin disease	Psoriasis vulgaris	0.20183	22	4.365e-38	1.832e-36
Asthma	Obstructive pulmonary disease	0.08317	125	4.221e-33	1.520e-31
Respiratory system disease	Sclerosing cholangitis	0.09767	42	6.488e-33	2.325e-31
Obstructive pulmonary disease	Respiratory system disease	0.06800	51	4.465e-25	1.158e-23
Psoriasis vulgaris	Psoriatic arthritis	0.13274	15	2.225e-23	5.256e-22
Inflammatory bowel disease	Obstructive pulmonary disease	0.07204	84	3.874e-23	9.055e-22
Iga nephropathy	Ulcerative colitis	0.05844	45	1.515e-21	3.247e-20
Iga nephropathy	Sclerosing cholangitis	0.05596	23	3.980e-14	5.615e-13
Ankylosing spondylitis	Iga nephropathy	0.05295	26	6.598e-14	9.168e-13
Inflammatory skin disease	Sclerosing cholangitis	0.05137	15	3.298e-13	4.405e-12
Inflammatory skin disease	Psoriatic arthritis	0.06383	9	8.040e-11	8.564e-10
intellectual developmental disorder 59	Psoriasis vulgaris	0.01818	1	3.507e-3	4.511e-3
Inflammatory skin disease	Intellectual developmental disorder neuropsychiatric	0.01299	1	4.936e-3	6.052e-3
Autonomic nervous system disease	Psoriasis vulgaris	0.01786	1	7.002e-3	8.289e-3
Autonomic nervous system disease	Inflammatory skin disease	0.01282	1	9.847e-3	1.117e-2
Autoinflammatory disease, systemic, with vasculitis	Iga nephropathy	0.00490	1	1.318e-2	1.469e-2
Eczema	Intellectual developmental disorder neuropsychiatric	0.00273	1	2.370e-2	2.557e-2
neurodevelopmental disorder with spasticity, seizures, and brain abnormalities	Obstructive pulmonary disease	0.00179	1	3.630e-2	3.834e-2
neurodevelopmental disorder with short stature, prominent forehead, and feeding difficulties	Ulcerative colitis	0.00163	1	3.968e-2	4.155e-2
Inflammatory bowel disease	neurodevelopmental disorder with short stature, prominent forehead, and feeding difficulties	0.00145	1	4.481e-2	4.659e-2
Benign flecked retina	Inflammatory bowel disease	0.00145	1	4.481e-2	4.659e-2
Benign flecked retina	Crohn disease	0.00145	1	4.481e-2	4.659e-2
Crohn disease	neurodevelopmental disorder with short stature, prominent forehead, and feeding difficulties	0.00145	1	4.481e-2	4.659e-2

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Crohn disease	Ehrlich tumor carcinoma	0.00145	1	4.481e-2	4.659e-2
Benign flecked retina	Psoriasis	0.00137	1	4.747e-2	4.927e-2