

GeDiPNet Cluster 16 -- 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 17:17:47. · Rows: 50 · Generated: 2026-10-07 19:07:37

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Skin cancer	Skin neoplasms	0.56463	83	7.361e-180	1.878e-177
Dermatologic disorder	Skin disease	0.38202	68	5.031e-139	8.487e-137
Basal cell carcinoma	Keratinocyte carcinoma	0.22356	74	1.707e-123	2.533e-121
Basal cell carcinoma	Non-melanoma skin carcinoma	0.19471	81	7.310e-92	6.706e-90
Keratinocyte carcinoma	Skin cancer	0.39655	46	4.801e-90	4.292e-88
Basal cell carcinoma	Skin cancer	0.18052	63	1.751e-89	1.559e-87
Basal cell carcinoma	Skin neoplasms	0.18546	74	2.180e-86	1.876e-84
Keratinocyte carcinoma	Non-melanoma skin carcinoma	0.26020	51	5.189e-84	4.359e-82
Keratinocyte carcinoma	Skin neoplasms	0.26705	47	2.482e-78	1.937e-76
Non-melanoma skin carcinoma	Skin cancer	0.22705	47	4.998e-72	3.656e-70
Non-melanoma skin carcinoma	Skin neoplasms	0.17978	48	1.806e-59	1.105e-57
Melanoma	Skin neoplasms	0.11303	59	2.159e-53	1.198e-51
Basal cell carcinoma	Melanoma	0.11224	77	2.381e-49	1.236e-47
Cutaneous squamous cell carcinoma	Skin cancer	0.25510	25	2.588e-49	1.337e-47
Melanoma	Non-melanoma skin carcinoma	0.10806	59	9.693e-49	4.934e-47
Cutaneous squamous cell carcinoma	Skin neoplasms	0.15723	25	1.239e-42	5.504e-41
Cutaneous squamous cell carcinoma	Keratinocyte carcinoma	0.20833	20	2.035e-37	7.973e-36
Skin cancer	Skin disease	0.12446	29	9.084e-36	3.387e-34
Keratinocyte carcinoma	Non-small cell lung carcinoma	0.14881	25	3.573e-35	1.300e-33
Seborrheic keratosis	Skin disease	0.11170	21	2.212e-34	7.844e-33
Skin disease	Skin neoplasms	0.11379	33	7.151e-34	2.493e-32
Cutaneous squamous cell carcinoma	Non-small cell lung carcinoma	0.14925	20	1.542e-33	5.331e-32
Keratinocyte carcinoma	Skin disease	0.11354	26	7.917e-32	2.563e-30
Cutaneous squamous cell carcinoma	Seborrheic keratosis	0.25000	14	5.208e-30	1.597e-28
Non-small cell lung carcinoma	Skin cancer	0.11732	21	7.135e-27	1.936e-25
Non-small cell lung carcinoma	Skin neoplasms	0.09664	23	1.819e-24	4.304e-23
Non-small cell lung carcinoma	Seborrheic keratosis	0.10526	14	1.770e-22	3.771e-21
Seborrheic keratosis	Skin cancer	0.12621	13	2.733e-22	5.764e-21
Keratinocyte carcinoma	Seborrheic keratosis	0.12371	12	1.304e-20	2.568e-19
Corneal astigmatism	Non-small cell lung carcinoma	0.03315	6	1.468e-5	7.109e-5

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Seborrheic keratosis	Woolly hair-skin fragility syndrome	0.03125	1	2.013e-3	2.899e-3
Congenital posterior urethral valves	Seborrheic keratosis	0.03125	1	2.013e-3	2.899e-3
Chromosome 20q11-q12 deletion syndrome	Cutaneous squamous cell carcinoma	0.02564	1	2.468e-3	3.370e-3
Congenital posterior urethral valves	Cutaneous squamous cell carcinoma	0.02564	1	2.468e-3	3.370e-3
Cutaneous squamous cell carcinoma	histidinemia	0.02564	1	2.468e-3	3.370e-3
Dermatologic disorder	optic atrophy 13 with retinal and foveal abnormalities	0.01449	1	4.416e-3	5.528e-3
Congenital posterior urethral valves	Corneal astigmatism	0.01389	1	4.611e-3	5.733e-3
Corneal astigmatism	Deeah syndrome	0.01389	1	4.611e-3	5.733e-3
Corneal astigmatism	Diaphanospondylodysostosis	0.01389	1	4.611e-3	5.733e-3
Corneal astigmatism	neurodevelopmental disorder, nonprogressive, with spasticity and transient opisthotonus	0.01389	1	4.611e-3	5.733e-3
Keratinocyte carcinoma	progressive essential tremor-speech impairment-facial dysmorphism-intellectual disability-abnormal behavior syndrome	0.01282	1	5.001e-3	6.130e-3
Chromosome 20q11-q12 deletion syndrome	Keratinocyte carcinoma	0.01282	1	5.001e-3	6.130e-3
histidinemia	Keratinocyte carcinoma	0.01282	1	5.001e-3	6.130e-3
histidinemia	Skin cancer	0.01176	1	5.455e-3	6.632e-3
histidinemia	Skin neoplasms	0.00685	1	9.417e-3	1.072e-2
hyper-IgE recurrent infection syndrome 3, autosomal recessive	Non-melanoma skin carcinoma	0.00588	1	1.098e-2	1.236e-2
Acromelic frontonasal dysostosis	Non-melanoma skin carcinoma	0.00588	1	1.098e-2	1.236e-2
optic atrophy 13 with retinal and foveal abnormalities	Skin disease	0.00562	1	1.149e-2	1.291e-2
Basal cell carcinoma	progressive essential tremor-speech impairment-facial dysmorphism-intellectual disability-abnormal behavior syndrome	0.00305	1	2.124e-2	2.306e-2
Basal cell carcinoma	histidinemia	0.00305	1	2.124e-2	2.306e-2