

GeDiPNet Cluster 3 -- 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: 2026-10-10 03:00:13. · Rows: 93 · Generated: 2026-10-09 23:17:15

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Hemangiosarcoma	Uterine neoplasms	0.11765	6	2.712e-12	3.114e-11
Bone marrow failure syndromes	Congenital bone marrow failure syndrome	0.30000	3	1.381e-10	1.352e-9
Endometrial hyperplasia	Nasopharyngeal carcinoma	0.13793	4	6.524e-10	6.000e-9
B-cell acute lymphoblastic leukemia	Lymphoblastic leukemia	0.06306	7	2.159e-9	1.883e-8
B-lymphoblastic leukemia/lymphoma	Lymphoblastic leukemia	0.06944	5	6.493e-9	5.423e-8
B-cell acute lymphoblastic leukemia	B-lymphoblastic leukemia/lymphoma	0.06667	5	8.450e-9	6.827e-8
Bone osteosarcoma	Osteogenic sarcoma	0.50000	2	2.531e-8	1.927e-7
Bone osteosarcoma	Osteosarcoma	0.05172	3	4.810e-8	3.576e-7
Nasopharyngeal carcinoma	Sezary syndrome	0.08696	4	5.366e-8	3.919e-7
Hemangiosarcoma	Urologic neoplasms	0.12500	3	7.484e-8	5.399e-7
Urogenital neoplasms	Vulvar lichen sclerosus	0.33333	2	8.436e-8	5.938e-7
Uinary system neoplasms	Urogenital neoplasms	0.33333	2	8.436e-8	5.938e-7
Li-fraumeni syndrome	Vulvar lichen sclerosus	0.33333	2	8.436e-8	5.938e-7
Endometrial hyperplasia	Hemangiosarcoma	0.11538	3	1.601e-7	1.083e-6
Nasopharyngeal carcinoma	Uterine neoplasms	0.07018	4	2.234e-7	1.478e-6
Bone osteosarcoma	Li-fraumeni syndrome	0.28571	2	2.530e-7	1.653e-6
Endometrial hyperplasia	Vulvar lichen sclerosus	0.18182	2	3.796e-7	2.393e-6
Sezary syndrome	Small cell carcinoma	0.08824	3	4.011e-7	2.522e-6
Sezary syndrome	Small cell lung carcinoma	0.04386	5	4.700e-7	2.932e-6
Hemangiosarcoma	Osteosarcoma	0.05556	4	4.967e-7	3.091e-6
Endometrial hyperplasia	Sezary syndrome	0.08571	3	5.723e-7	3.498e-6
Li-fraumeni syndrome	Urogenital neoplasms	0.22222	2	8.433e-7	4.997e-6
Li-fraumeni syndrome	Sapho syndrome	0.22222	2	8.433e-7	4.997e-6
Bone osteosarcoma	Small cell carcinoma	0.18182	2	9.108e-7	5.367e-6
B-lymphoblastic leukemia/lymphoma	Carcinogenesis	0.08571	3	1.285e-6	7.398e-6
B-lymphoblastic leukemia/lymphoma	Vulvar lichen sclerosus	0.10000	2	1.443e-6	8.230e-6
Carcinogenesis	Nasopharyngeal carcinoma	0.07895	3	2.037e-6	1.130e-5
Endometrial hyperplasia	Li-fraumeni syndrome	0.14286	2	3.792e-6	2.008e-5
B-cell chronic lymphocytic leukemia	Urologic neoplasms	0.13333	2	6.603e-6	3.351e-5
Demyelinating diseases	Osteosarcoma	0.04545	3	7.771e-6	3.913e-5

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
B-lymphoblastic leukemia/lymphoma	Urogenital neoplasms	0.08696	2	1.439e-5	6.947e-5
B-lymphoblastic leukemia/lymphoma	Li-fraumeni syndrome	0.08696	2	1.439e-5	6.947e-5
Adrenocortical carcinoma	Choroid plexus papilloma	0.50000	1	6.494e-5	2.331e-4
Choroid plexus carcinoma	Choroid plexus papilloma	0.50000	1	6.494e-5	2.331e-4
Adrenocortical carcinoma	Choroid plexus carcinoma	0.50000	1	6.494e-5	2.331e-4
Carcinogenesis	Endometrial hyperplasia	0.07407	2	5.776e-5	2.331e-4
CHEK2-related cancer predisposition	Osteogenic sarcoma	0.33333	1	1.299e-4	3.931e-4
Adrenocortical carcinoma	Central nervous system neoplasms	0.33333	1	1.299e-4	3.931e-4
Adrenocortical carcinoma	Chromosome 17 deletion	0.33333	1	1.299e-4	3.931e-4
Adrenocortical carcinoma	Vulvar lichen sclerosus	0.33333	1	1.299e-4	3.931e-4
Osteogenic sarcoma	Retinoblastoma	0.33333	1	1.299e-4	3.931e-4
Central nervous system neoplasms	Choroid plexus carcinoma	0.33333	1	1.299e-4	3.931e-4
Choroid plexus carcinoma	Chromosome 17 deletion	0.33333	1	1.299e-4	3.931e-4
Central nervous system neoplasms	Choroid plexus papilloma	0.33333	1	1.299e-4	3.931e-4
Choroid plexus papilloma	Vulvar lichen sclerosus	0.33333	1	1.299e-4	3.931e-4
Choroid plexus papilloma	Chromosome 17 deletion	0.33333	1	1.299e-4	3.931e-4
Choroid plexus carcinoma	Vulvar lichen sclerosus	0.33333	1	1.299e-4	3.931e-4
Bone osteosarcoma	Choroid plexus carcinoma	0.25000	1	1.948e-4	5.354e-4
Bone osteosarcoma	Retinoblastoma	0.25000	1	1.948e-4	5.354e-4
Adrenocortical carcinoma	Bone osteosarcoma	0.25000	1	1.948e-4	5.354e-4
Bone osteosarcoma	CHEK2-related cancer predisposition	0.25000	1	1.948e-4	5.354e-4
Aplasia and myelodysplasia	Congenital bone marrow failure syndrome	0.25000	1	1.948e-4	5.354e-4
Choroid plexus carcinoma	Urogenital neoplasms	0.16667	1	3.247e-4	7.709e-4
CHEK2-related cancer predisposition	Li-fraumeni syndrome	0.16667	1	3.247e-4	7.709e-4
Adrenocortical carcinoma	Urogenital neoplasms	0.16667	1	3.247e-4	7.709e-4
Choroid plexus papilloma	Sapho syndrome	0.16667	1	3.247e-4	7.709e-4
Adrenocortical carcinoma	Sapho syndrome	0.16667	1	3.247e-4	7.709e-4
Choroid plexus carcinoma	Sapho syndrome	0.16667	1	3.247e-4	7.709e-4
Congenital bone marrow failure syndrome	Growth hormone insensitivity syndrome with immune dysregulation	0.20000	1	3.896e-4	8.665e-4
Adrenocortical carcinoma	Breast implant-associated anaplastic large cell lymphoma	0.14286	1	3.897e-4	8.665e-4
Breast implant-associated anaplastic large cell lymphoma	Choroid plexus carcinoma	0.14286	1	3.897e-4	8.665e-4
Breast implant-associated anaplastic large cell lymphoma	Choroid plexus papilloma	0.14286	1	3.897e-4	8.665e-4
Autoinflammation, immune dysregulation, and eosinophilia	Breast implant-associated anaplastic large cell lymphoma	0.14286	1	3.897e-4	8.665e-4
Familial telangiectasia cancer syndrome	Urologic neoplasms	0.11111	1	5.195e-4	1.061e-3

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Adrenocortical carcinoma	B-cell chronic lymphocytic leukemia	0.11111	1	5.195e-4	1.061e-3
B-cell chronic lymphocytic leukemia	Choroid plexus papilloma	0.11111	1	5.195e-4	1.061e-3
B-cell chronic lymphocytic leukemia	Choroid plexus carcinoma	0.11111	1	5.195e-4	1.061e-3
Adrenocortical carcinoma	Urologic neoplasms	0.11111	1	5.195e-4	1.061e-3
Choroid plexus carcinoma	Urologic neoplasms	0.11111	1	5.195e-4	1.061e-3
Choroid plexus papilloma	Urologic neoplasms	0.11111	1	5.195e-4	1.061e-3
Choroid plexus papilloma	Small cell carcinoma	0.10000	1	5.845e-4	1.156e-3
Choroid plexus carcinoma	Small cell carcinoma	0.10000	1	5.845e-4	1.156e-3
Adrenocortical carcinoma	Small cell carcinoma	0.10000	1	5.845e-4	1.156e-3
Aplasia and myelodysplasia	Bone marrow failure syndromes	0.10000	1	5.845e-4	1.156e-3
Bone marrow failure syndromes	Congenital progressive bone marrow failure-b-cell immunodeficiency-skeletal dysplasia syndrome	0.10000	1	5.845e-4	1.156e-3
Adrenocortical carcinoma	Bone marrow failure syndromes	0.10000	1	5.845e-4	1.156e-3
Bone marrow failure syndromes	Choroid plexus carcinoma	0.10000	1	5.845e-4	1.156e-3
Retinoblastoma	Small cell carcinoma	0.10000	1	5.845e-4	1.156e-3
Bone marrow failure syndromes	Choroid plexus papilloma	0.10000	1	5.845e-4	1.156e-3
Demyelinating diseases	Merkel cell carcinoma	0.08333	1	7.144e-4	1.335e-3
Adrenocortical carcinoma	Demyelinating diseases	0.08333	1	7.144e-4	1.335e-3
Choroid plexus carcinoma	Demyelinating diseases	0.08333	1	7.144e-4	1.335e-3
Choroid plexus papilloma	Demyelinating diseases	0.08333	1	7.144e-4	1.335e-3
Bone marrow failure syndromes	Growth hormone insensitivity syndrome with immune dysregulation	0.09091	1	1.169e-3	1.895e-3
Hemangiosarcoma	Merkel cell carcinoma	0.05263	1	1.169e-3	1.895e-3
Hemangiosarcoma	immune dysregulation, autoimmunity, and autoinflammation	0.05263	1	1.169e-3	1.895e-3
Carcinogenesis	Gestational trophoblastic disease	0.05263	1	1.169e-3	1.895e-3
B-lymphoblastic leukemia/lymphoma	leukemia, acute myeloid, susceptibility to	0.05000	1	1.234e-3	1.986e-3
Cervicitis	Sezary syndrome	0.03571	1	1.753e-3	2.609e-3
Sezary syndrome	snijders blok-campeau syndrome	0.03571	1	1.753e-3	2.609e-3
immune dysregulation, autoimmunity, and autoinflammation	Sezary syndrome	0.03571	1	1.753e-3	2.609e-3
B-cell acute lymphoblastic leukemia	granulocytopenia with immunoglobulin abnormality	0.01639	1	3.897e-3	4.941e-3
Nasopalpebral lipoma-coloboma syndrome	Small cell lung carcinoma	0.01087	1	5.910e-3	7.124e-3