

GeDiPNet Cluster 32 -- 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: 2026-10-09 03:00:13. · Rows: 32 · Generated: 2026-10-09 04:52:15

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Male infertility single gene azoospermia	Spermatogenic failure	0.20652	38	1.042e-55	5.930e-54
Congenital impairment of spermatozoa motility	Spermatogenic failure	0.16949	20	7.341e-41	3.126e-39
Male infertility single gene azoospermia	Testicular azoospermia	0.16529	20	5.607e-36	2.108e-34
Spermatogenic failure	Testicular azoospermia	0.15625	20	2.241e-35	8.159e-34
Azoospermia	Male infertility single gene azoospermia	0.10236	13	1.292e-20	2.536e-19
Azoospermia	Spermatogenic failure	0.09701	13	3.066e-20	5.918e-19
Male infertility	Spermatogenic failure	0.08654	18	1.498e-19	2.774e-18
Azoospermia	Premature ovarian failure	0.07299	10	1.862e-14	2.553e-13
Male infertility	Testicular azoospermia	0.07407	10	2.019e-14	2.765e-13
Male infertility	Male infertility single gene azoospermia	0.06829	14	3.072e-14	4.133e-13
Premature ovarian failure	Spermatogenic failure	0.06512	14	1.106e-13	1.425e-12
Azoospermia	Testicular azoospermia	0.11864	7	3.408e-13	4.298e-12
Congenital impairment of spermatozoa motility	Teratozoospermia	0.13333	6	1.584e-12	1.886e-11
Male infertility single gene azoospermia	Premature ovarian failure	0.05213	11	3.832e-10	3.615e-9
Spermatogenic failure	Teratozoospermia	0.05185	7	7.954e-10	7.261e-9
Azoospermia	Male infertility	0.04348	6	9.527e-8	6.680e-7
Congenital impairment of spermatozoa motility	Spermatogenic failure, x-linked	0.06667	2	5.943e-5	2.329e-4
Male infertility teratozoospermia	Spermatogenic failure	0.01739	2	5.434e-5	2.329e-4
Spermatogenic failure, x-linked	Testicular azoospermia	0.05000	2	1.237e-4	3.929e-4
Congenital impairment of spermatozoa motility	spermatogenic failure 38	0.04167	1	1.494e-3	2.313e-3
Spermatogenic failure, x-linked	Synovial sarcoma	0.09091	1	1.558e-3	2.376e-3
Teratozoospermia	X-linked intellectual disability, Cabezas type	0.03571	1	1.753e-3	2.608e-3
spermatogenic failure 38	Teratozoospermia	0.03571	1	1.753e-3	2.608e-3
Ruijs-aalfs syndrome	Teratozoospermia	0.03571	1	1.753e-3	2.608e-3
ciliary dyskinesia, primary, 45	Teratozoospermia	0.03571	1	1.753e-3	2.608e-3
Congenital impairment of spermatozoa motility	Male infertility teratozoospermia	0.04000	1	2.985e-3	3.947e-3
Congenital impairment of spermatozoa motility	Synovial sarcoma	0.03846	1	4.475e-3	5.599e-3
Male infertility single gene azoospermia	SYCE1-related gametogenic failure	0.00926	1	6.949e-3	8.226e-3
Spermatogenic failure	spermatogenic failure 38	0.00870	1	7.404e-3	8.697e-3
Premature ovarian failure	SYCE1-related gametogenic failure	0.00870	1	7.404e-3	8.697e-3

Disease A	Disease B	Similarity Score	Shared Genes	P-value	FDR Q-value
Spermatogenic failure	SYCE1-related gametogenic failure	0.00870	1	7.404e-3	8.697e-3
Congenital alpha-fetoprotein deficiency	Premature ovarian failure	0.00870	1	7.404e-3	8.697e-3