

GeDiPNet Cluster 102 -- Top Shared Genes

Curated genes (disease_gdp) linked to 2 or more of this cluster's member diseases, most widely shared first. Data as of: 2026-10-07 03:15:01. · Rows: 13 · Generated: 2026-10-07 00:31:23

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
PAX8	7	12	Congenital hypothyroidism; Congenital hypothyroidism due to absence of thyroid gland; Congenital hypothyroidism without goiter; Congenital thyroid atrophy; Spermatocoe; Testicular disease; Thyroid agenesis
IGSF1	6	12	Congenital hypothyroidism; Congenital hypothyroidism without goiter; Congenital thyroid atrophy; Testicular disease; Thyroid agenesis; X-linked central congenital hypothyroidism with late-onset testicular enlargement
NKX2-5	5	12	Congenital hypothyroidism; Congenital hypothyroidism due to absence of thyroid gland; Congenital hypothyroidism without goiter; Congenital thyroid atrophy; Thyroid agenesis
TSHR	5	12	Congenital hypothyroidism; Congenital hypothyroidism due to absence of thyroid gland; Congenital hypothyroidism without goiter; Congenital thyroid atrophy; Thyroid agenesis
THRA	4	12	Congenital hypothyroidism; Congenital hypothyroidism without goiter; Congenital thyroid atrophy; Thyroid agenesis
TSHB	4	12	Congenital hypothyroidism; Congenital hypothyroidism without goiter; Congenital thyroid atrophy; Thyroid agenesis
DUOX2	3	12	Congenital hypothyroidism; Genetic transient congenital hypothyroidism; Thyroid dysharmonogenesis
SLC26A4	3	12	Congenital hypothyroidism; Congenital hypothyroidism due to absence of thyroid gland; Thyroid agenesis
TPO	3	12	Congenital hypothyroidism; Iodide peroxidase deficiency; Thyroid dysharmonogenesis
DUOXA2	2	12	Congenital hypothyroidism; Thyroid dysharmonogenesis
IYD	2	12	Congenital hypothyroidism; Thyroid dysharmonogenesis
PPP3CA	2	12	Arthrogryposis, cleft palate, craniosynostosis, and impaired intellectual development; Testicular disease
SLC5A5	2	12	Congenital hypothyroidism; Thyroid dysharmonogenesis