

GeDiPNet Cluster 58 -- 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: 50 · Generated: 2026-10-07 11:56:25

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
KISS1R	10	15	Growth hormone deficiency; Hypogonadism; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Pituitary stalk interruption syndrome; Sheehan syndrome
CHD7	9	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Pituitary stalk interruption syndrome; Sheehan syndrome
GNRH1	9	15	Growth hormone deficiency; Hypogonadism; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
GNRHR	9	15	Growth hormone deficiency; Hypogonadism; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
IL17RD	9	15	Growth hormone deficiency; Hypogonadism; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
NSMF	9	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Pituitary stalk interruption syndrome; Sheehan syndrome
PROK2	9	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; hypogonadotropic hypogonadism 4 with or without anosmia; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
PROKR2	9	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Pituitary stalk interruption syndrome; Sheehan syndrome
TAC3	9	15	Growth hormone deficiency; Hypogonadism; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
TACR3	9	15	Growth hormone deficiency; Hypogonadism; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
WDR11	9	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Pituitary stalk interruption syndrome; Sheehan syndrome
ANOS1	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
AXL	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
BTK	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
CCDC141	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
DNA2	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
DUSP6	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
FEZF1	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
FGF17	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
FGF8	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
FGFR1	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
FLRT3	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
GH1	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
GHRHR	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
HS6ST1	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
KISS1	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
NDNF	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
NHLH2	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
SEMA3A	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
SEMA3E	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
SOX10	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
SPRY4	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
SRA1	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
TCF12	8	15	Growth hormone deficiency; Hypogonadotropic hypogonadism; Hypopituitarism; Kallmann syndrome; Panhypopituitarism; Pituitary dwarfism; Pituitary short stature; Sheehan syndrome
PROP1	4	15	Hypogonadism; Hypopituitarism; Panhypopituitarism; Pituitary dwarfism
HESX1	3	15	Kallmann syndrome; Panhypopituitarism; Pituitary stalk interruption syndrome
ATP2A1	2	15	Brody myopathy; Hypogonadism
CYP17A1	2	15	Hypogonadism; Hypopituitarism
CYP19A1	2	15	Hypogonadism; Hypopituitarism
FSHB	2	15	Hypogonadism; Hypogonadotropic hypogonadism
GPR161	2	15	GPR161-related medulloblastoma predisposition; Pituitary stalk interruption syndrome
LHB	2	15	Hypogonadism; Hypogonadotropic hypogonadism
LHX4	2	15	Panhypopituitarism; Pituitary stalk interruption syndrome
PNPLA6	2	15	Hypogonadotropic hypogonadism; Kallmann syndrome
POU1F1	2	15	Panhypopituitarism; Pituitary dwarfism
PRL	2	15	Hypogonadism; Hypopituitarism
ROBO1	2	15	Hypopituitarism; Pituitary stalk interruption syndrome
SOX11	2	15	Hypogonadotropic hypogonadism; Pituitary stalk interruption syndrome
UBQLN2	2	15	amyotrophic lateral sclerosis type 15; Hypogonadism
VPS13B	2	15	Cohen syndrome; Pituitary stalk interruption syndrome