

GeDiPNet Cluster 223 -- 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: 82 · Generated: 2026-10-07 15:52:21

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
SCN1A	4	7	Epilepsy; Generalized epilepsy; Partial epilepsy; Seizures
ADGRL3	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
ALDH2	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
BRAP	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
CAMSAP2	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
CDKL5	3	7	Epilepsy; Partial epilepsy; Seizures
CHRNA7	3	7	Epilepsy; Generalized epilepsy; Seizures
CNEP1R1	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
CUX2	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
EXT1	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
GABRA2	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
GABRG1	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
GBF1	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
GOLIM4	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
GRM3	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
HTR1A	3	7	Epilepsy; Generalized epilepsy; Seizures
MECP2	3	7	Epilepsy; Partial epilepsy; Seizures
MMP8	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
NAA25	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
OGA	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
PCDH7	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
PIGQ	3	7	developmental and epileptic encephalopathy, 77; Epilepsy; Seizures
POLG	3	7	Epilepsy; Generalized epilepsy; Seizures
RBFOX1	3	7	Epilepsy; Generalized epilepsy; Seizures
RPH3A	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
SCN2A	3	7	Epilepsy; Partial epilepsy; Seizures
SCN8A	3	7	Epilepsy; Partial epilepsy; Seizures
STX1B	3	7	Epilepsy; Generalized epilepsy; Seizures
TNKS	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
TRIM36	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy
VRK2	3	7	Epilepsy; Generalized epilepsy; Partial epilepsy

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
ACHE	2	7	Epilepsy; Seizures
ALDH7A1	2	7	Epilepsy; Seizures
ATP1A3	2	7	Epilepsy; Seizures
AUTS2	2	7	Epilepsy; Generalized epilepsy
BCHE	2	7	Epilepsy; Seizures
BDNF	2	7	Epilepsy; Seizures
C1ORF94	2	7	Epilepsy; Generalized epilepsy
CACNA1H	2	7	Epilepsy; Partial epilepsy
CACNB4	2	7	Epilepsy; Generalized epilepsy
CDK5RAP3	2	7	Epilepsy; Generalized epilepsy
CHRM1	2	7	Epilepsy; Seizures
CHRM3	2	7	Epilepsy; Generalized epilepsy
CPA6	2	7	Epilepsy; Seizures
CRH	2	7	Epilepsy; Seizures
DEPDC5	2	7	Epilepsy; Partial epilepsy
DIAPH1	2	7	Epilepsy; Seizures
DYRK1A	2	7	Epilepsy; Seizures
FOS	2	7	Epilepsy; Seizures
FOXG1	2	7	Epilepsy; Seizures
GABRA1	2	7	Epilepsy; Seizures
GABRG2	2	7	Epilepsy; Seizures
GLS	2	7	Epilepsy; Generalized epilepsy
GRIN2A	2	7	Epilepsy; Partial epilepsy
HCN1	2	7	Epilepsy; Seizures
HPS4	2	7	Epilepsy; Generalized epilepsy
IQCM	2	7	Epilepsy; Generalized epilepsy
KCNQ2	2	7	Epilepsy; Seizures
KLHL29	2	7	Epilepsy; Generalized epilepsy
KRTAP8-1	2	7	Epilepsy; Generalized epilepsy
MAST4	2	7	Epilepsy; Generalized epilepsy
NAB1	2	7	Epilepsy; Generalized epilepsy
NPY	2	7	Epilepsy; Seizures
NRROS	2	7	Seizures; seizures, early-onset, with neurodegeneration and brain calcifications
OPRM1	2	7	Epilepsy; Seizures

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
PADI4	2	7	Epilepsy; Generalized epilepsy
PADI6	2	7	Epilepsy; Generalized epilepsy
PCDH19	2	7	Epilepsy; Seizures
PLA2G4A	2	7	Epilepsy; Generalized epilepsy
POMC	2	7	Epilepsy; Seizures
PTPRD	2	7	Epilepsy; Partial epilepsy
PTPRK	2	7	Epilepsy; Generalized epilepsy
SLC12A5	2	7	Epilepsy; Seizures
SLC1A1	2	7	Epilepsy; Seizures
SLC2A1	2	7	Epilepsy; Seizures
SLC33A1	2	7	Congenital cataract hearing loss developmental delay syndrome; Partial epilepsy
SLC6A1	2	7	Epilepsy; Seizures
SNAP25	2	7	Epilepsy; Partial epilepsy
STMND1	2	7	Epilepsy; Generalized epilepsy
TSC1	2	7	Epilepsy; Seizures
TSC2	2	7	Epilepsy; Seizures
ZNF217	2	7	Epilepsy; Generalized epilepsy