

HEREDITARY PARAPLEGIAS

Gene	chromosome	protein
AFG3L2	18p11-q11	AFG3 ATPase family gene 3-like 2 (<i>S. cerevisiae</i>) 1
ALDH3A2	17p11.2	Aldehyde dehydrogenase 3A2
ALDH18A1	10q24.1	ALDEHYDE DEHYDROGENASE 18 FAMILY, MEMBER A1
ALS2	2q33.2	Alsin
AMPD2	1p13.3	adenosine monophosphate deaminase 2
AP4B1	1p13.2	adaptor-related protein complex 4, beta 1 subunit
AP4E1 (KIAA0415)	15q21.2	Adaptor-related protein complex 5, zeta 1 subunit
AP4M1	7q22.1	Adaptor-related protein complex 4, mu 1 subunit
AP4S1	14q12	adaptor-related protein complex 4, sigma 1 subunit
AP5Z1	7p22.2	Hypothetical protein LOC9907 ?
ATL1	14q22.1	Atlastin
ARL6IP1	16p12.3	ADP-ribosylation factor-like 6 interacting protein 1
B4GALNT1	12q13.3	beta-1,4-N-acetyl-galactosaminyl transferase 1
BSCL2	11q12-q13.5	Seipin
C12orf65	12q24.31	adaptor-related protein complex 4, sigma 1 subunit
C19orf12	19q12	chromosome 19 open reading frame 12
CCT5	5p15.2	CHAPERONIN CONTAINING T-COMPLEX POLYPEPTIDE 1, SUBUNIT 5
CYP2U1	4q25	cytochrome P450, family 2, subfamily U, polypeptide 1
CYP7B1	8p12-q13	Cytochrome P450, family 7, subfamily B, polypeptide 1
DDHD1	14q21	DDHD domain containing 1
DDHD2	8p11.23	DDHD domain containing 2
ENTPD1	10q24.1	ectonucleoside triphosphate diphosphohydrolase 1
ERLIN2	8p12-p11.21	ER lipid raft associated 2
FA2H	16q21-q23.1	Fatty acid 2-hydroxylase
GBA2	9p13.3	glucosidase, beta (bile acid) 2
GJC2	1q42.13	gap junction protein, gamma 2, 47kDa
HSPD1	2q33.1	Heat shock 60kDa protein 1 (chaperonin)
KIAA0196	8q24.13	Strumpellin
KIF1A	2q37.3	Kinesin family member 1A
KIF5A	12q13.13	Kinesin family member 5A
L1CAM	Xq28	L1 cell adhesion molecule
MRPL43	10q24.31	MITOCHONDRIAL RIBOSOMAL PROTEIN L43
MTPAP	10p12.1	mitochondrial poly(A) polymerase
NIPA1	15q11.2	Non-imprinted in Prader-Willi/Angelman syndrome 1
NT5C2	10q24-q32	5'-nucleotidase, cytosolic II
PLP1	Xq22	Proteolipid protein 1
PNPLA6	19p13.3-p13.2	Patatin-like phospholipase domain containing 6
REEP1	2p11.2	Receptor accessory protein 1
RTN2	19q13	Reticulon 2
SACS	13q12	Sacsin
SLC16A2	Xq13.2	SOLUTE CARRIER FAMILY 16 (MONOCARBOXYLIC ACID TRANSPORTER), MEMBER 2
SLC33A1	3q25.3	Solute carrier family 33 (acetyl- CoA transporter)
SPAST	2p24-p21	Spastin

SPG11	15q14	Spatacsin
SPG20	13q12.3	Spartin
SPG21	15q21-q22	Maspardin
SPG7	16q24.3	Paraplegin
TECPR2	14q32	tectonin beta-propeller repeat containing 2
VPS37A	8p22	VACUOLAR PROTEIN SORTING 37, YEAST, HOMOLOG OF, A
ZFYVE26	14q24.1	Spastizin
ZFYVE27	10q24.2	Protrudin