

Spastic Paraplegia (SPG)

Dominant

3A: Atlantin; 14q22
4: Spastin; 2p22
6: NIPA1; 15q11
8: KIAA0196; 8q24
9A: ALDH18A1; 10q24
10: KIF5A; 12q13
12: RTN2; 19q13
13: HSPD1; 2q33
17: BSCL2; 11q12
19: 9q33
29: 1p31
30: ATSV; 2q37
31: REEP1; 2p11
33: ZFYVE27; 10q24
36: 12q23
37: 8p21
38: 4p16
41: 11p14
42: SLC33A1; 3q25
56A: 21q22
72: REEP2; 5q31
73: CPT1C; 19q13

X-linked

1: L1CAM; Xq28
2: PLP; Xq22
16: Xq11
22: SLC16A2; Xq13
34: Xq25
 Other: Deafness

Mitochondrial

MTCO3
tRNA Ile (MTTI)
MTND4
MTATP6

Recessive

5: CYP7B1; 8q12
5B
7 (5C): Paraplegin; 16q24
9B: ALDH18A1; 10q24
11: Spatacsin; 15q13
14: 3q27-q28
15: Spastizin; 14q24
18: ERLIN2; 8p12
20 (Troyer): Spartin; 13q13
21 (Mast): ACP33; 15q22
23: 1q24
24: 13q14
25: 6q23
26: B4GALNT1; 12q13
27: 10q22
28: DDHD1; 14q22
30: ATSV (KIF1A); 2q37
32: 14q12
35: FA2H; 16q23
39: PNPLA6; 19p13
43: c19orf12; 19q12
44: GJA12; 1q41
45 & 65: NT5C2; 10q24
46: GBA2; 9p13
47: AP4B1; 1p13
48: KIAA0415; 7p22
49: TECPR2; 14q32
50: AP4M1; 7q22
51: AP4E1; 15q21
52: AP4S1; 14q12

53: VPS37A; 8p22
54: DDHD2; 8p11
55: c12orf65; 12q24
56: CYP2U1; 4q25
57: TFG; 3q12
58: KIF1C; 17p13
59: USP8; 15q21
60: WDR48; 3p22
61: ARL6IP1; 16p12
62: ERLIN1; 10q24
63: AMPD2; 1p13
64: ENTPD1; 10q24
66: ARSI; 5q32
67: PGAP1; 2q33
68: FLRT1; 11q13.1
69: RAB3GAP2; 1q41
70: MARS; 12q13
71: ZFR; 5p13
72: REEP2; 5q31
74: IBA57; 1q42
75: MAG; 19q13
BICD2: 9q22
LYST: 1q42
IFIH1: 2q24
ALDH18A1: 10q24
 SPG + HSN
CCT5: 5p15
FAM134B: 5p15

Early onset
Infantile: Alsin; 2q33
Childhood: EXOSC3; 9p13
SPOAN: KLC2; 11q13
Cerebral palsy: GAD1; 2q31