

Supplemental Table 6: 41 spastic paraplegia genes

Condition	Inheritance	Gene	Region	Source
SPG3A	AD	<i>ATL1</i>		GeneReviews
SPG4	AD	<i>SPAST</i>		GeneReviews
SPG6	AD	<i>NIPA1</i>		GeneReviews
SPG8	AD	<i>KIAA0196</i>		GeneReviews
SPG7	AD, AR	<i>SPG7</i>		GeneReviews
SGP12	AD	<i>RTN2</i>		GeneReviews
SGP13	AD	<i>HSPD1</i>		GeneReviews
SPG10	AD	<i>KIF5A</i>		GeneReviews
SPG17	AD	<i>BSCL2</i>		GeneReviews
SPG31	AD	<i>REEP1</i>		GeneReviews
SPG33	AD	<i>ZFYVE27</i>		GeneReviews
SPG42	AD	<i>SLC33A1</i>		GeneReviews
SPG5A	AR	<i>CYP7B1</i>		GeneReviews
SPG11	AR	<i>SPG11</i>		GeneReviews
SPG15	AR	<i>ZFYVE26</i>		GeneReviews
SPG18	AR	<i>ERLIN2</i>		GeneReviews
SPG20	AR	<i>SPG20 / SPART</i>		GeneReviews
SPG21	AR	<i>SPG21</i>		GeneReviews
SPG28	AR	<i>DDHD1</i>		GeneReviews
SPG30	AR	<i>KIF1A</i>		GeneReviews
SPG35	AR	<i>FA2H</i>		GeneReviews
SPG39	AR	<i>PNPLA6</i>		GeneReviews
SPG43	AR	<i>C19orf12</i>		GeneReviews
SPG44	AR	<i>GJC2 / Cx47</i>		GeneReviews
SPG46	AR	<i>GBA2</i>		GeneReviews
SPG47	AR	<i>AP4B1</i>		GeneReviews
SPG48	AR	<i>AP5Z1</i>		GeneReviews
SPG49	AR	<i>TECPR2</i>		GeneReviews
SPG50	AR	<i>AP4M1</i>		GeneReviews
SPG51	AR	<i>AP4E1</i>		GeneReviews
SPG52	AR	<i>AP4S1</i>		GeneReviews
SPG53	AR	<i>VPS37A</i>		GeneReviews
SPG54	AR	<i>DDHD2</i>		GeneReviews
SPG55	AR	<i>C12orf65</i>		GeneReviews
SPG56	AR	<i>CYP2U1</i>		GeneReviews
Complicated SPG	AR	<i>GAD1</i>		GeneReviews
Complicated SPG	AR	<i>CCT5</i>		GeneReviews
Complicated SPG	MT	<i>ATP6</i>		GeneReviews
SPG1	XL	<i>L1CAM</i>		GeneReviews
SPG2	XL	<i>PLP1</i>		GeneReviews
SPG22	XL	<i>SLC16A2</i>		GeneReviews
SPG9	AD	<i>unknown</i>	10q23.3-q24.1	GeneReviews
SPG19	AD	<i>unknown</i>	9q	GeneReviews
SPG29	AD	<i>unknown</i>	1p31.1-21.1	GeneReviews
SPG36	AD	<i>unknown</i>	12q23-q24	GeneReviews
SPG37	AD	<i>unknown</i>	8p21.1-q13.3	GeneReviews
SPG38	AD	<i>unknown</i>	4p16-p15	GeneReviews
SPG40	AD	<i>unknown</i>	Unknown	GeneReviews
SPG41	AD	<i>unknown</i>	11p14.1-p11.2	GeneReviews
SPG14	AR	<i>unknown</i>	3q27-q28	GeneReviews
SPG23	AR	<i>unknown</i>	1q24-q32	GeneReviews
SPG24	AR	<i>unknown</i>	13q14	GeneReviews
SPG25	AR	<i>unknown</i>	6q23-q24.1	GeneReviews
SPG26	AR	<i>unknown</i>	12p11.1-q14	GeneReviews
SPG27	AR	<i>unknown</i>	10q22.1-q24.1	GeneReviews
SPG32	AR	<i>unknown</i>	14q12-q21	GeneReviews
SPG45	AR	<i>unknown</i>	10q24.3-q25.1	GeneReviews
SPG16	XL	<i>unknown</i>	Xq11.2	GeneReviews
SPG34	XL	<i>unknown</i>	Xq24-q25	GeneReviews