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Full name:	Spastic Paraplegia (89 genes) - IPG
Version number:	V4
Laboratory:	Centre de Génétique-Institut de Pathologie et de Génétique (IPG)
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Related Diseases

- 3C syndrome
- Allan-Herndon-Dudley syndrome
- Ataxia-hypogonadism-choroidal dystrophy syndrome
- Autosomal dominant spastic paraplegia type 10
- Autosomal dominant spastic paraplegia type 12
- Autosomal dominant spastic paraplegia type 13
- Autosomal dominant spastic paraplegia type 17
- Autosomal dominant spastic paraplegia type 3
- Autosomal dominant spastic paraplegia type 31
- Autosomal dominant spastic paraplegia type 4
- Autosomal dominant spastic paraplegia type 42
- Autosomal dominant spastic paraplegia type 6
- Autosomal dominant spastic paraplegia type 8
- Autosomal recessive cerebellar ataxia with late-onset spasticity
- Autosomal recessive spastic ataxia of Charlevoix-Saguenay
- Autosomal recessive spastic paraplegia type 11
- Autosomal recessive spastic paraplegia type 15
- Autosomal recessive spastic paraplegia type 20
- Autosomal recessive spastic paraplegia type 21
- Autosomal recessive spastic paraplegia type 26
- Autosomal recessive spastic paraplegia type 28
- Autosomal recessive spastic paraplegia type 35
- Autosomal recessive spastic paraplegia type 39

- Autosomal recessive spastic paraplegia type 43
- Autosomal recessive spastic paraplegia type 44
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- Autosomal recessive spastic paraplegia type 46
- Autosomal recessive spastic paraplegia type 48
- Autosomal recessive spastic paraplegia type 53
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- Autosomal recessive spastic paraplegia type 57
- Autosomal recessive spastic paraplegia type 59
- Autosomal recessive spastic paraplegia type 5A
- Autosomal recessive spastic paraplegia type 60
- Autosomal recessive spastic paraplegia type 61
- Autosomal recessive spastic paraplegia type 62
- Autosomal recessive spastic paraplegia type 63
- Autosomal recessive spastic paraplegia type 64
- Autosomal recessive spastic paraplegia type 66
- Autosomal recessive spastic paraplegia type 67
- Autosomal recessive spastic paraplegia type 69
- Autosomal recessive spastic paraplegia type 70
- Autosomal recessive spastic paraplegia type 71
- Autosomal recessive spastic paraplegia type 75
- Autosomal spastic paraplegia type 18
- Autosomal spastic paraplegia type 30
- Autosomal spastic paraplegia type 58
- Autosomal spastic paraplegia type 72
- BICD2-related autosomal dominant childhood-onset proximal spinal muscular atrophy
- Cerebellar ataxia-hypogonadism syndrome
- Fatty acid hydroxylase-associated neurodegeneration
- Hereditary sensory and autonomic neuropathy due to TECPR2 mutation
- Hereditary sensory and autonomic neuropathy type 1
- Infantile-onset ascending hereditary spastic paralysis
- Inherited congenital spastic tetraplegia
- Juvenile amyotrophic lateral sclerosis
- Juvenile primary lateral sclerosis

- Mutilating hereditary sensory neuropathy with spastic paraplegia
- Oculodentodigital dysplasia
- Pontocerebellar hypoplasia type 9
- Recessive intellectual disability-motor dysfunction-multiple joint contractures syndrome
- Severe intellectual disability and progressive spastic paraplegia
- Spastic paraplegia type 2
- Spastic paraplegia type 7
- Spastic paraplegia-Paget disease of bone syndrome
- Spastic paraplegia-optic atrophy-neuropathy syndrome
- Spinocerebellar ataxia with axonal neuropathy type 2
- X-linked complicated spastic paraplegia type 1
- X-linked spastic paraplegia type 34

Related Analytes

GENE	% OF CODING SEQUENCE SUFFICIENTLY COVERED TO DETECT HETEROZYGOUS MUTATIONS	COPY NUMBER VARIATION	COMMENTS
ADAR	100.00	1	NM_001111.5
AFG3L2	100.00	1	NM_006796.3
ALDH18A1	100.00	1	NM_002860.4
ALDH3A2	100.00	1	NM_000382.3
ALS2	100.00	1	NM_020919.4
AMPD2	100.00	1	NM_001368809.2
AP4B1	100.00	1	NM_001253852.3
AP4E1	100.00	1	NM_007347.5
AP4M1	100.00	1	NM_004722.4
AP4S1	100.00	1	NM_001128126.3
AP5Z1	100.00	1	NM_014855.3
ARL6IP1	100.00	1	NM_015161.3

GENE	% OF CODING SEQUENCE SUFFICIENTLY COVERED TO DETECT HETEROZYGOUS MUTATIONS	COPY NUMBER VARIATION	COMMENTS
ARSI	100.00	1	NM_001012301.4
ATL1	100.00	1	NM_015915.5
ATXN1	100.00	1	NM_000332.3
B4GALNT1	100.00	1	NM_001478.5
BICD2	100.00	1	NM_001003800.2
BSCL2	100.00	1	NM_001122955.3
C19ORF12	100.00	1	NM_031448.6
CAPN1	100.00	1	NM_005186.4
CCT5	100.00	1	NM_012073.5
COA8	100.00	1	NM_001370595.1
CPT1C	100.00	1	NM_001199753.1
CYP27A1	100.00	1	NM_000784.4
CYP2U1	100.00	1	NM_183075.3
CYP7B1	100.00	1	NM_004820.5
DDHD1	100.00	1	NM_001160148.2
DDHD2	100.00	1	NM_015214.3
DSTYK	100.00	1	NM_015375.3
ENTPD1	100.00	1	NM_001776.6
ERLIN1	100.00	1	NM_006459.4
ERLIN2	100.00	1	NM_007175.8

GENE	% OF CODING SEQUENCE SUFFICIENTLY COVERED TO DETECT HETEROZYGOUS MUTATIONS	COPY NUMBER VARIATION	COMMENTS
FA2H	100.00	1	NM_024306.5
FARS2	100.00	1	NM_006567.5
FLRT1	100.00	1	NM_013280.4
GAD1	100.00	1	NM_000817.3
GBA2	100.00	1	NM_020944.3
GFAP	100.00	1	NM_002055.5
GJA1	100.00	1	NM_000165.5
GJC2	100.00	1	NM_020435.4
GLRX5	100.00	1	NM_016417.3
HACE1	100.00	1	NM_020771.4
HSPD1	100.00	1	NM_002156.5
IBA57	100.00	1	NM_001010867.4
ITPR1	100.00	1	NM_001168272.1
KIDINS220	100.00	1	NM_020738.4
KIF1A	100.00	1	NM_001244008.1
KIF1C	100.00	1	NM_006612.6
KIF5A	100.00	1	NM_004984.4
KLC2	100.00	1	NM_001134775.1
KLC4	100.00	1	NM_201521.3
L1CAM	100.00	1	NM_001278116.2

GENE	% OF CODING SEQUENCE SUFFICIENTLY COVERED TO DETECT HETEROZYGOUS MUTATIONS	COPY NUMBER VARIATION	COMMENTS
MAG	100.00	1	NM_002361.4
MARS1	100.00	1	NM_004990.4
MTRFR	100.00	1	NM_152269.5
NIPA1	100.00	1	NM_144599.5
NT5C2	100.00	1	NM_001351169.2
PCYT2	100.00	1	NM_002861.5
PGAP1	100.00	1	NM_024989.4
PLP1	100.00	1	NM_000533.5
PNPLA6	100.00	1	NM_001166111.2
RAB18	100.00	1	NM_021252.5
RAB3GAP1	100.00	1	NM_012233.3
RAB3GAP2	100.00	1	NM_012414.4
REEP1	100.00	1	NM_001371279.1
REEP2	100.00	1	NM_001271803.2
RTN2	100.00	1	NM_005619.5
SACS	100.00	1	NM_014363.6
SETX	100.00	1	NM_015046.7
SLC16A2	100.00	1	NM_006517.5
SLC33A1	100.00	1	NM_004733.4
SPART	100.00	1	NM_015087.5

GENE	% OF CODING SEQUENCE SUFFICIENTLY COVERED TO DETECT HETEROZYGOUS MUTATIONS	COPY NUMBER VARIATION	COMMENTS
SPAST	100.00	1	NM_014946.3
SPG11	100.00	1	NM_025137.4
SPG21	100.00	1	NM_016630.7
SPG7	100.00	1	NM_003119.4
TBC1D20	100.00	1	NM_144628.4
TECPR2	100.00	1	NM_014844.5
TFG	100.00	1	NM_006070.6
UBAP1	100.00	1	NM_016525.5
UCHL1	100.00	1	NM_004181.5
USP8	100.00	1	NM_005154.5
VCP	100.00	1	NM_007126.5
VPS37A	100.00	1	NM_152415.3
WASHC5	100.00	1	NM_014846.4
WDR48	100.00	1	NM_020839.4
ZFR	100.00	1	NM_016107.5
ZFYVE26	100.00	1	NM_015346.4
ZFYVE27	100.00	1	NM_001002261.3