

Sensory nerve	Amplitude μV
Right median	Absent
Right ulnar	Absent
Right radial	Absent
Right sural	Absent
Right superficial peroneal	Absent
Left sural	Absent

Motor nerve	DML ms	CV m/s	MAP mV	F wave latency/ms
Right median	6.2	37	2.4	42.5
Right ulnar (ADM)	4.1	42	8.3	33.5
Right common peroneal (EDB)	NR	NR	NR	NR
Right posterior	7.0	-	0.4	61.7

Supplementary table 1. The nerve conduction parameters of a patient with autosomal recessive spastic ataxia of Charlevoix Saguenay (ARSACS). DML = distal motor latency; CV = conduction velocity; MAP = motor action potential; ADM = abductor digiti minimi, EDB = extensor digitorum brevis.

Sensory nerve	Amplitude μV
Right median	Absent
Right ulnar	Absent
Right radial	Absent
Right sural	Absent
Right superficial peroneal	Absent

Motor nerve	DML ms	CV m/s	MAP mV	F wave latency/ms
Right median	6.8	37	5.7	43
Right ulnar (ADM)	6.6	32	4.4	53
Right common peroneal (EDB)	13.4	32	1.8	-
Right posterior tibial	7.3	26	1.4	77

Supplementary table 2. The nerve conduction parameters of a patient with a demyelinating neuropathy that is sometimes seen with familial amyloid polyneuropathy due to autosomal dominant mutations in *TTR*. DML = distal motor latency; CV = conduction velocity; MAP = motor action potential; ADM = abductor digiti minimi, EDB = extensor digitorum brevis.

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