

Patient	Age	Nerve	Year								
			0	1	2	3	4	5	6	7	10
1 (i)	79	Median CMAP (wrist)	4.8								
		Ulnar CMAP (wrist)	4.2								
		Peroneal CMAP (TA)	2.3								
		Tibial CMAP	NR								
		Radial SAP	1.9								
		Median SAP	2								
		Sural SAP	2								
1 (ii)	62	Median CMAP (wrist)	8.5							3.9	
		Ulnar CMAP (wrist)	7.2							5.4	
		Peroneal CMAP (TA)	3.8								
		Tibial CMAP	NR								
		Radial SAP	9.5							9	
		Median SAP	2.3							2	
		Sural SAP	NR								
2	46	Median CMAP (wrist)	5.8								
		Ulnar CMAP (wrist)	9.2								
		Peroneal CMAP (TA)	4.2								
		Tibial CMAP	0.3								
		Radial SAP	-								
		Median SAP	12								
		Sural SAP	14								
3	68	Median CMAP (wrist)	3.5								
		Ulnar CMAP (wrist)	4.5								
		Peroneal CMAP (TA)	1.3								
		Tibial CMAP	NR								
		Radial SAP	4								
		Median SAP	3								
		Sural SAP	NR								
4	41	Median CMAP (wrist)	5.3							5.2	
		Ulnar CMAP (wrist)	6.4							4.3	
		Peroneal CMAP (TA)	NR							0.1	
		Tibial CMAP	NR							NR	
		Radial SAP	15							21	
		Median SAP	8							7	
		Sural SAP	3							5	
5	43	Median CMAP (wrist)	5.8						0.3		
		Ulnar CMAP (wrist)	0.5						0.4		
		Peroneal CMAP (TA)							0.1		
		Tibial CMAP							0.1		
		Radial SAP							-		
		Median SAP	33						23		
		Sural SAP	18						8		
6	41	Median CMAP (wrist)	9.7								
		Ulnar CMAP (wrist)									
		Peroneal CMAP (EDB)	NR								
		Tibial CMAP	NR								
		Radial SAP									
		Median SAP	13								
		Sural SAP	8								
7	34	Median CMAP (wrist)	8.1								
		Ulnar CMAP (wrist)	0.9								
		Peroneal CMAP (EDB)	0.2								
		Tibial CMAP	NR								
		Radial SAP	40								
		Median SAP	7								
		Sural SAP	13								
8	51	Median CMAP (wrist)	6.3						5.4		
		Ulnar CMAP (wrist)	5.0						2.2		
		Peroneal CMAP (TA)	0.2						0.0		
		Tibial CMAP	NR								
		Radial SAP	22						23		
		Median SAP	10						7		
		Sural SAP	8						6		

9	48	Median CMAP (wrist) Ulnar CMAP (wrist) Peroneal CMAP (EDB) Tibial CMAP Radial SAP Median SA Sural SAP	7.6 3.0 1.0 24 13							
10	53	Median CMAP (wrist) Ulnar CMAP (wrist) Peroneal CMAP (TA) Tibial CMAP Radial SAP Median SAP Sural SAP	3.3 1.7 0.5 NR 41 4 12	3.6 0.8 NR 36 3 1						
11	46	Median CMAP (wrist) Ulnar CMAP (wrist) Peroneal CMAP (TA) Tibial CMAP Radial SAP Median SAP Sural SAP	10.9 3.1 NR 27 14.5		7.8 6.7 2.6 NR 25 13					7.0 3.4 0.1 NR 34 13 17
12	44	Median CMAP (wrist) Ulnar CMAP (wrist) Peroneal CMAP (EDB) Tibial CMAP Radial SAP Median SAP Sural SAP	8.6 7.9 0.4 21 13	10.2 0.4 37 15 9						
13 (i)	48	Median CMAP (wrist) Ulnar CMAP (wrist) Peroneal CMAP (TA) Tibial CMAP Radial SAP Median SAP Sural SAP	7.6 10.0 3.4 NR 26 6 2		7.3 9.8 5.0 NR 21 4 3					
13 (ii)	43	Median CMAP (wrist) Ulnar CMAP (wrist) Peroneal CMAP (TA) Tibial CMAP Radial SAP Median SAP Sural SAP	10.5 9.9 1.3 31 18 9	9.8 10.8 5.7 46 18 6						
13 (iii)	60	Median CMAP (wrist) Ulnar CMAP (wrist) Peroneal CMAP (TA) Tibial CMAP Radial SAP Median SAP Sural SAP	7.9 NR 5 NR							
13 (iv)	48	Median CMAP (wrist) Ulnar CMAP (wrist) Peroneal CMAP (TA) Tibial CMAP Radial SAP Median SAP Sural SAP	1.9 3.3 0.1 NR 12 3 NR		2.0 4.4 1	2.9 4.7 18 2				
14 (i)	61	Median CMAP (wrist) Ulnar CMAP (wrist) Peroneal CMAP (TA) Tibial CMAP Radial SAP Median SAP Sural SAP	4.0 6.4 NR 16 8 1							

14 (ii)	25	Median CMAP (wrist)	9.5			7.8				7.6
		Ulnar CMAP (wrist)	7.8			7.8				7.8
		Peroneal CMAP (EDB)	2.5			2.5				
		Tibial CMAP	4.7							
		Radial SAP								61
		Median SAP	21			26				13
		Sural SAP	20			15				8
14 (iii)	27	Median CMAP (wrist)	7.3					2.9		
		Ulnar CMAP (wrist)	5.6					5.6		
		Peroneal CMAP (EDB)	1.8					1.6		
		Tibial CMAP						1.6		
		Radial SAP	58					50		
		Median SAP	31					24		
		Sural SAP	14					14		

Supplementary Table 1. A summary of the nerve conduction parameters of patients with mutations in HSPB1 collected both retrospectively and prospectively over a 10 year period. Age = age at first examination, CMAP = compound muscle action potential, SAP = sensory action potential, F2 = 2nd finger, TA = tibialis anterior, EDB = extensor digitorum brevis, NR = not recordable.