Table 3: Frequency of the most common variants in patients with *SCN4A*, *CACNA1S* and *KCNJ2* variants

Condition	Gene variant	Number of patients, n (%)
PMC/SCM (*SCN4A*)	p.Thr1313Met†	34 (15)
	p.Arg1448His†	33 (14)
	p.Val1589Met†	32 (14)
	p.Gly1306Ala†	30 (13)
	p.Arg1448Cys†	26 (11)
	p.Val1293Ile†	16 (7)
	p.Gly1306Val†	14 (6)
	p.Leu1436Pro†	10 (4)
	p.Gly1306Ala	5 (2)
	p.Ile693Thr	5 (2)
	p.Gly1306Glu†	4 (2)
	p.Gly1456Glu	4 (2)
	p.Arg1448Leu†	2(0.9)
	p.Ser1434Pro	2 (0.9)
HypoPP (*CACNA1S*)	P.Arg528His†	67
	p.Arg1239His†	52
	p.Arg1239Gly†	6
	p.Val526Met	1
	p.Arg498His	5
HyperPP (*SCN4A*)	p.Thr704Met†	69

	p.Met1592Val†	19
	p.Arg1135His†	4
	p.Arg672His†	4
	p.Arg675Gly†	4
	p.Thr704Ala	1
	p.Ala715Thr	1
ATS (*KCNJ2*)	p.Arg67Trp†	9 (13)
	p.Arg218Trp†	8 (12)
	p.Arg82Gln†	5 (8)
	p.Cys122Ser	4 (6)
	p.Tyr68Asp	3 (4)
	p.Val123Gly	3 (4)
	p.Val126Gly	3 (4)

†previously reported variants in 2011 prevalence study