

Table e-1: Clinical data of 8 affected individuals in a pedigree with the *FLNC* p.K2676Pfs*3 mutation.

ID; sex; age at onset/exam./†	Initial symptoms	Advanced disease	Cardiac findings	Respiratory insufficiency	CK [U/L]
I:2; w; 45/-/63	Prox. LL weakness	Dist. LL, UL weakness Back pain Used a wheelchair	Angina pectoris	unknown	unknown
II:2; w; 35/74/-	Abdominal and prox. LL weakness	Distal LL, prox. UL, dist. UL, axial weakness Scapula alata Uses a wheelchair since age 61	Cardiomyopathy SAVR & SMVR	Yes	unknown
II:3; m; 38/-/63	Prox. LL weakness	Dist. LL, prox. UL, dist. UL weakness Back pain Uses a wheelchair since age 55	unknown	unknown	unknown
III:4; m; 36/48/-	Prox. LL weakness	Distal LL, prox. UL, dist. UL, axial weakness Scapula alata Back pain, myalgia	Normal	Yes	1200
III:5; m; 37/47/-	Prox. LL weakness	prox. UL, dist. LL, dist. UL, axial weakness Scapula alata, myalgia	Borderline	Yes	877
III:6; w; 35/41/-	Prox. LL weakness	Dist. LL weakness	Normal	Yes	760
III:7; w; 36/41/-	Prox. LL weakness	Dist. LL, prox. UL, axial weakness, Myalgia	Normal	No	800
III:8; m; 37/39/-	Prox. LL weakness	Distal LL and prox. UL weakness	DCM, Angina pectoris	No	868

CK: creatine kinase, LL: lower limb, UL: upper limb, Prox.: proximal, Dist.: distal. SAVR: surgical aortic valve replacement, SMVR: surgical mitral valve replacement, DCM: dilatative cardiomyopathy