

## Wild-type

## Mutant

GLUT1

TPEELFH**P**LGADSQV

TPE**E**LFH**L****L**GADSQV

CACNA1H

PGTGGHG**P**LSLNSPD

PGTGGHG**L****L**SLNSPD

ITPR1

GGSEENT**P**LDLDDHG

GG**S****E**ENT**L****L**DLDDHG