

Supplementary Table S1. Frequency of benign missense variants in the 10 regions of the β 2-subunit.

Feature	Length of cds	Number of benign missense variants	Frequency of variants
Signal peptide	69	6	0.09
N-terminus	663	34	0.05
TM1	66	0	0.00
TM1-TM2	9	2	0.22
TM2	69	1	0.01
TM2-TM3	33	0	0.00
TM3	69	0	0.00
TM3-TM4	489	251	0.51
TM4	66	3	0.05
C-terminus	6	0	0.00
Total	1539	297	0.19

p-value = 0.0004998 by Fisher's exact test