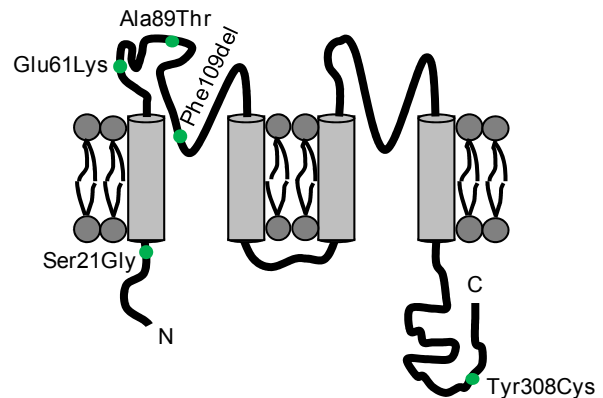


## Supplementary Figure G2

nucleotide	protein
<b>synonymous</b>	
c.339C>T	p.Thr113Thr
c.435C>T	p.Leu145Leu
c.591G>A	p.Arg197Arg
c.540G>A	p.Ala180Ala
c.735G>A	p.Val245Val
c.993C>T	p.Asp331Asp
<b>non-synonymous</b>	
c.61A>G	p.Ser21Gly
c.181G>A	p.Glu61Lys
c.265G>A	p.Ala89Thr
c.923A>G	p.Tyr308Cys
<b>in-frame deletion</b>	
c.324_326del	p.Phe109del
<b>intronic SNVs</b>	
c.353-16C>A	-
c.238-11C>G	-
c.1-23G>C	-



### Supplementary Figure G2

Polymorphic sites in the *KCNK17* gene. In the patient cohort, a total of 14 polymorphic nucleotide sites were identified in *KCNK17*. TASK-4  $\alpha$ -subunit illustrating the localization of amino-acid exchanges (in green). All nucleotide variants were not considered as disease-causing because of benign pathogenicity prediction.