

KCNK18 Biallelic Variants Associated with Intellectual Disability and Neurodevelopmental Disorders Alter TRESK Channel Activity

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Supplementary Table S1. Prediction of variants impact using in silico tools

| | <i>p.(Tyr163Asp)</i> | <i>p.(Ser252Leu)</i> |
|--------------------------------|----------------------|-----------------------|
| <i>GnomAD allele frequency</i> | 0 | 0.0001379 (39/282862) |
| <i>CADD GRCh37-v1.6</i> | 23.9 | 22.9 |
| <i>DANN</i> | 0.9909 | 0.9991 |
| <i>BayesDel addAF</i> | Damaging | Tolerated |
| <i>BayesDel noAF</i> | Damaging | Damaging |
| <i>EIGEN PC</i> | Pathogenic | Pathogenic |
| <i>DEOGEN2</i> | Damaging | Tolerated |
| <i>FATHMM-MKL</i> | Damaging | Damaging |
| <i>FATHMM-XF</i> | Damaging | Neutral |
| <i>LRT</i> | Deleterious | Deleterious |
| <i>MutationTaster</i> | Disease causing | Disease Causing |
| <i>PROVEAN</i> | Damaging | Damaging |
| <i>SIFT</i> | Damaging | Damaging |
| <i>SIFT4G</i> | Damaging | Damaging |