Supplementary Material

# Supplementary Figure Legend

**Localization of different mutations in the EAAT topology model** (Yernool et al., 2004). P.(Met128Arg) is located in transmembrane domain (TMD) 3, p.(Cys186Ser) in TMD 4b, p.(Pro290Arg) in TMD5, p.(Val393Iso) in TMD7 and p.(Arg499Glu) at the end of TMD8.