



Supplementary information, Fig. S10 Distance analysis of two opposite G345 between KCNQ1 and KCNQ1+KCNE1 in open conformation. G345 in (KCNQ1+KCNE1)_{PIP2} shows larger distance (from 10.3 Å to 11.2 Å) than in KCNQ1_{PIP2} (PDB: 7XNN¹).

Reference

- 1 Ma, D. *et al.* Structural mechanisms for the activation of human cardiac KCNQ1 channel by electro-mechanical coupling enhancers. *Proceedings of the National Academy of Sciences of the United States of America* **119**, e2207067119, doi:10.1073/pnas.2207067119 (2022).