

Description of Additional Supplementary Files

File name: Supplementary Movie 1

Description: The C4 mode of movement for 2-APBbound TRPV2 from CryoSPARC processing showing substantial conformational changes and partial opening of the channel.

File name: Supplementary Movie 2

Description: Transitions between structures of TRPV2_{AP01} (wheat), TRPV2_{2APB_AC} (light blue), and TRPV2_{2APB_IAC} (light cyan).