

Title: Supplementary Movie 1

Description: Molecular dynamics simulation of the groove closure in nhTMEM16. Transmembrane helices 3-7 of the protein are shown as white cartoon. The key residues that engage in interactions upon groove closure, V337 and V447, are shown in space-fill representation, respectively colored blue and red. The penetrating lipid is rendered in licorice. The total length of the trajectory is 15 μ s.