S1 Movie: Pore opening event in the WT receptor. Top-down view of the channel displaying the ‘interfacial-band’ atoms connected with orange bonds and ‘pore-oscillator’ atoms connected with white bonds, drawn using VMD and the 9’ Leu-gate shown in gray Quick-surf representation. The symmetrization of the ‘interfacial-band’ followed by partial opening and stabilization of the open-state with the formation of the two salt-bridges is observed as the movie progresses.