

Supplementary Information

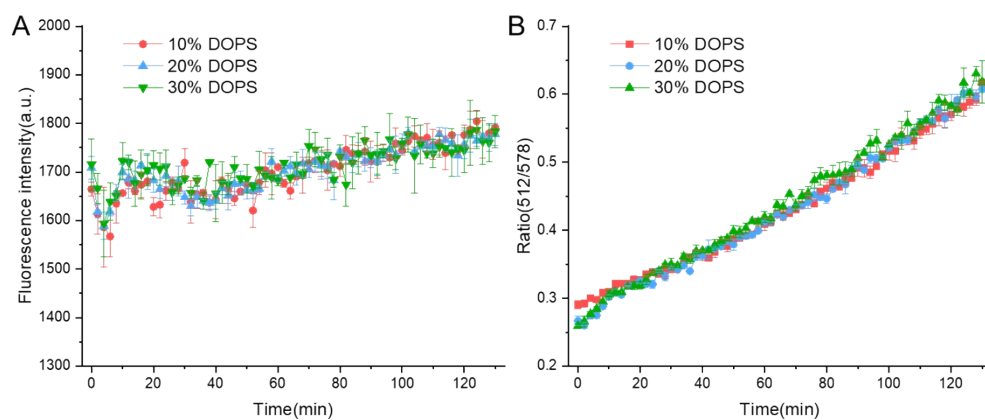


Figure S1. Time course of fluorescence intensity at 512 nm (A) and ratio (512/578) (B) on the DOPC/DOPS membrane containing 10%, 20%, and 30 % DOPS in the absence of cPLA2s.

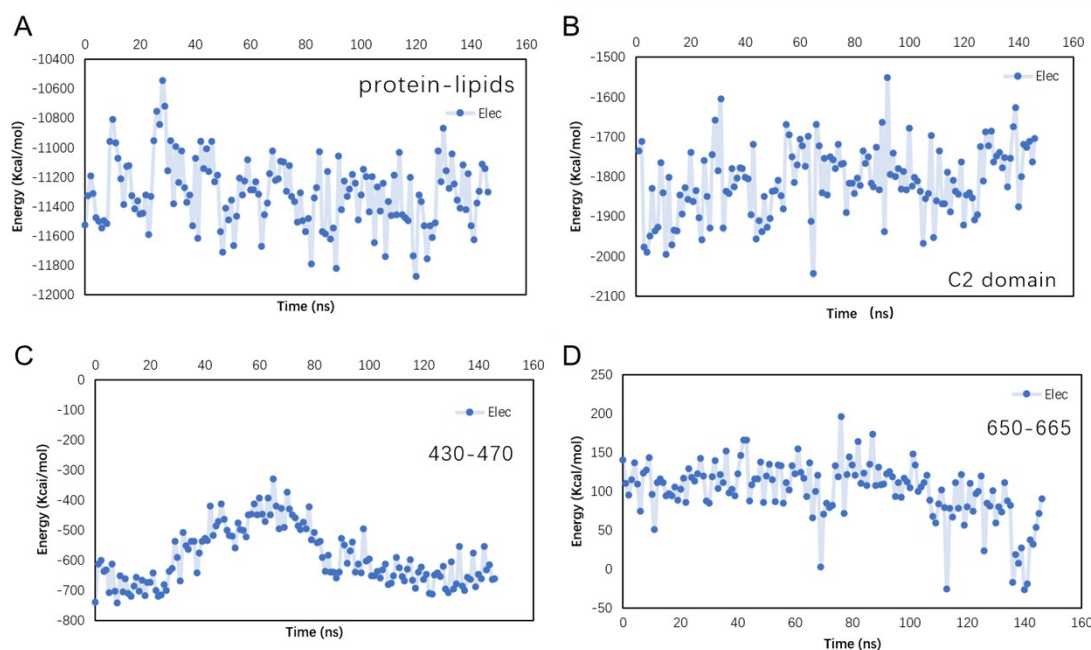


Figure S2 The electronic forces of cPLA2 (A), C2domain, residue 430-470 or residue 650-665 with the 100% PS membrane as a function of simulation time.