

A dual-scale model for the caveolin-mediated vesiculation

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Electronic supplementary information (ESI)

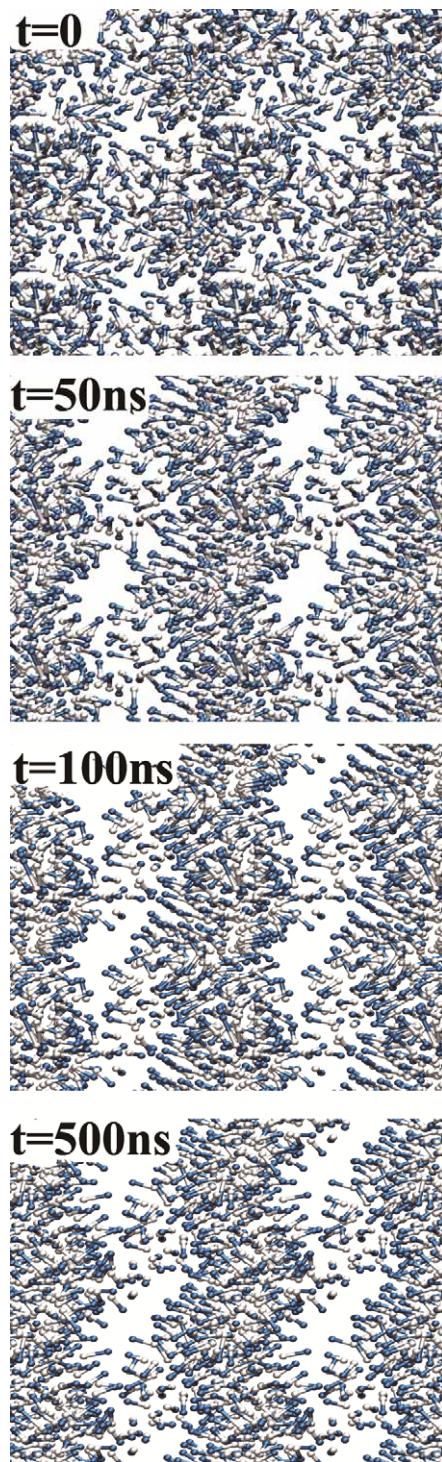


Figure S1 Self-assemble dynamics of the two-bead lipid membrane.

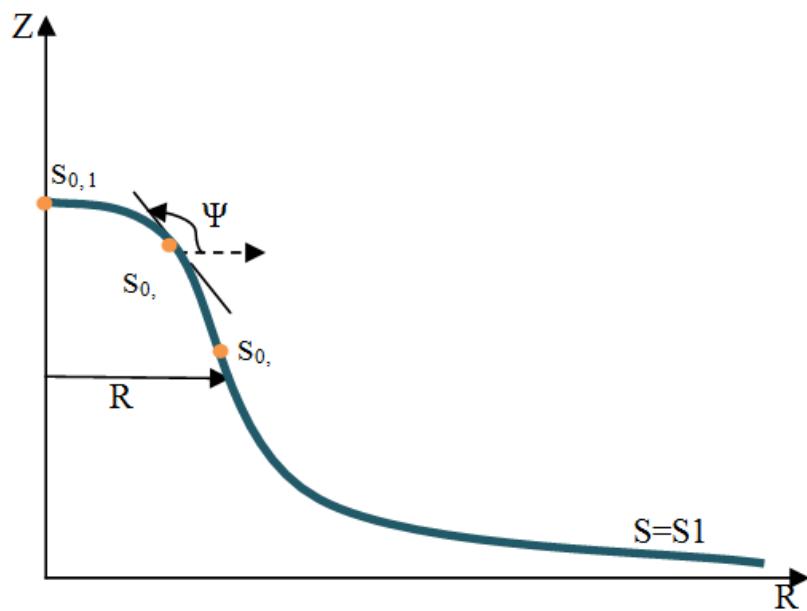


Figure S2 A schematic of the one-dimensional membrane profile (The full membrane shape is given by rotating the curve in the z-axis by 2π).

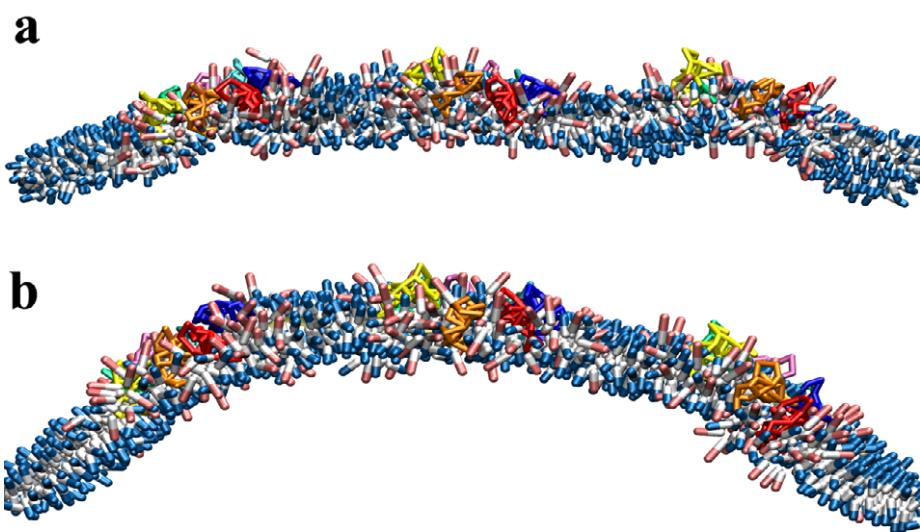


Figure S3 A simulation of membrane morphology with three aligned caveolin oligomers. (a) A typical morphology of three independently development of local curvature. (b) The development of local bending into a curve.

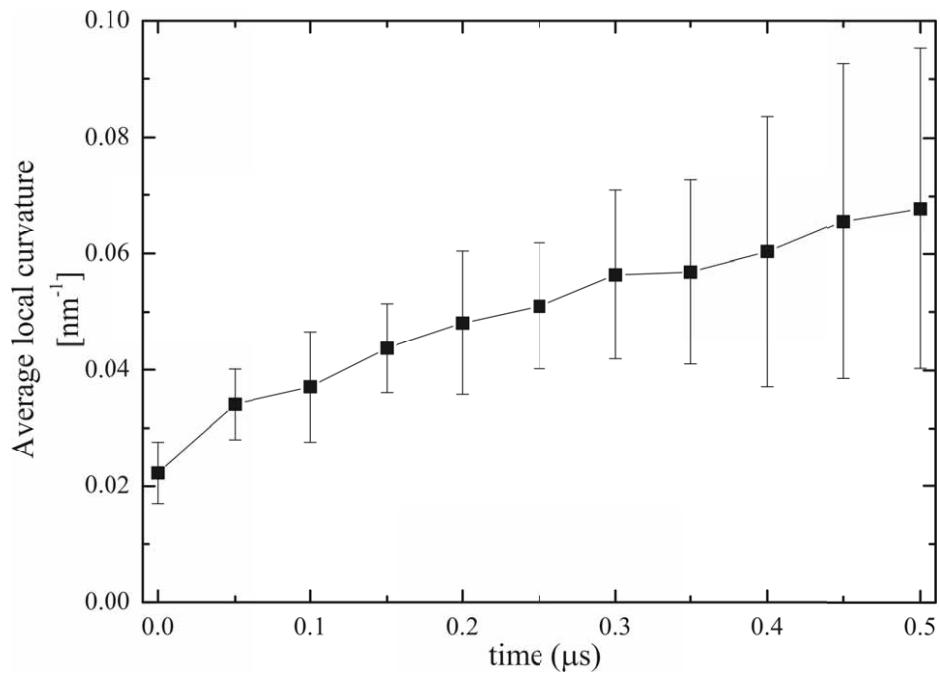


Figure S4 Average local curvature induced by three aligned caveolin oligomers on the membrane.

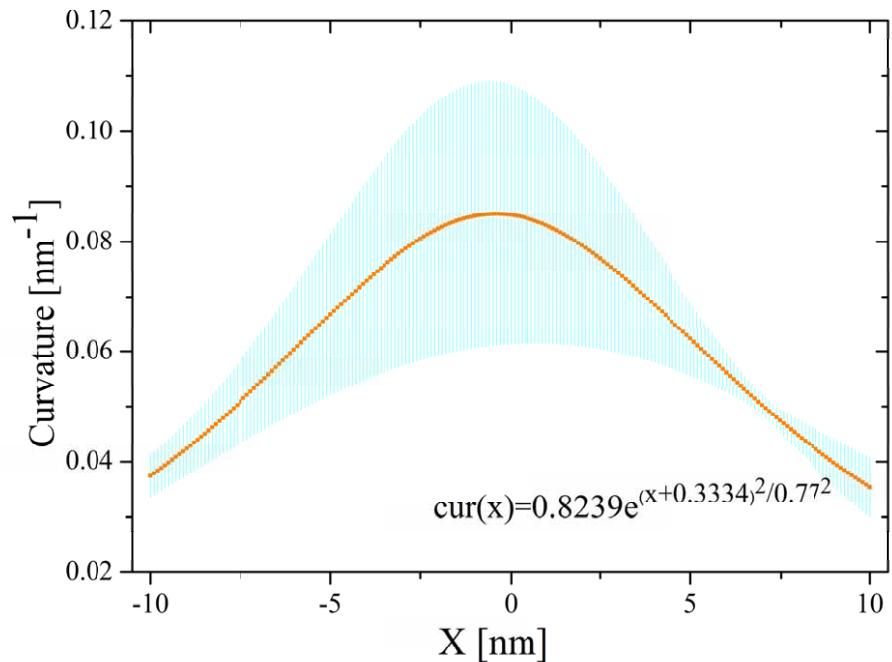


Figure S5 Fitting for the curvature distribution of all the simulation profiles (the cyan lines) along the membrane in the configuration of SET1. The solid line is the Gaussian fitting curve.