Electronic Supplementary Material (ESI) for Soft Matter.

Supporting information for:

Shaping membrane vesicles by adsorption of a semiflexible polymer

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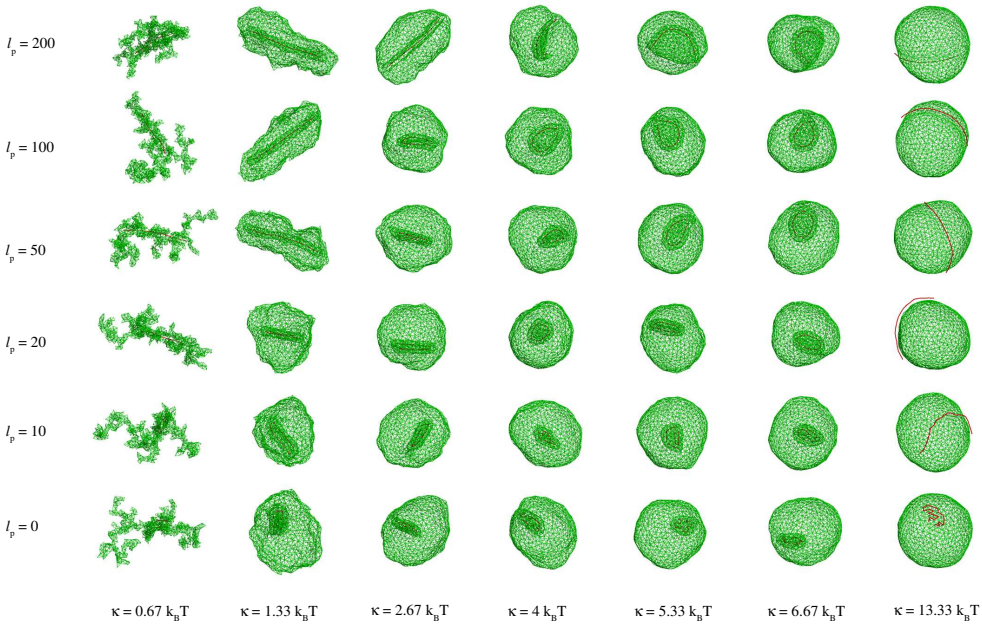

Figure S1: Snapshots of equilibrium configurations of the polymer-membrane system with $M = 828$ and $\epsilon = 4\ k_{\mathrm{B}}T$.

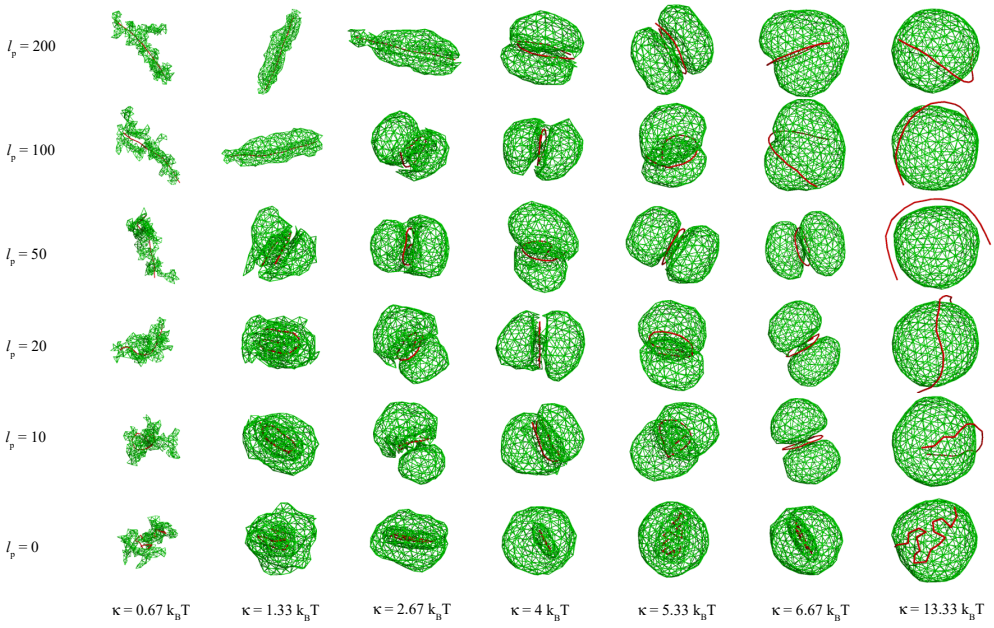

Figure S2: Snapshots of equilibrium configurations of the polymer-membrane system with $M = 312$ and $\epsilon = 4\ k_{\mathrm{B}}T$.

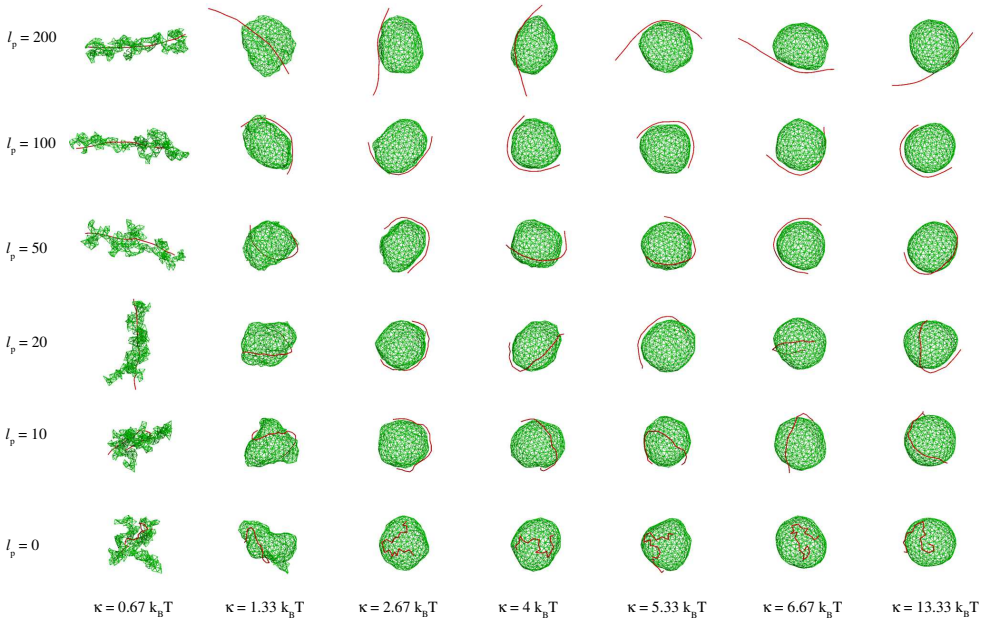

Figure S3: Snapshots of equilibrium configurations of the polymer-membrane system with $M = 312$ and $\epsilon = 1\ k_{\mathrm{B}}T$.

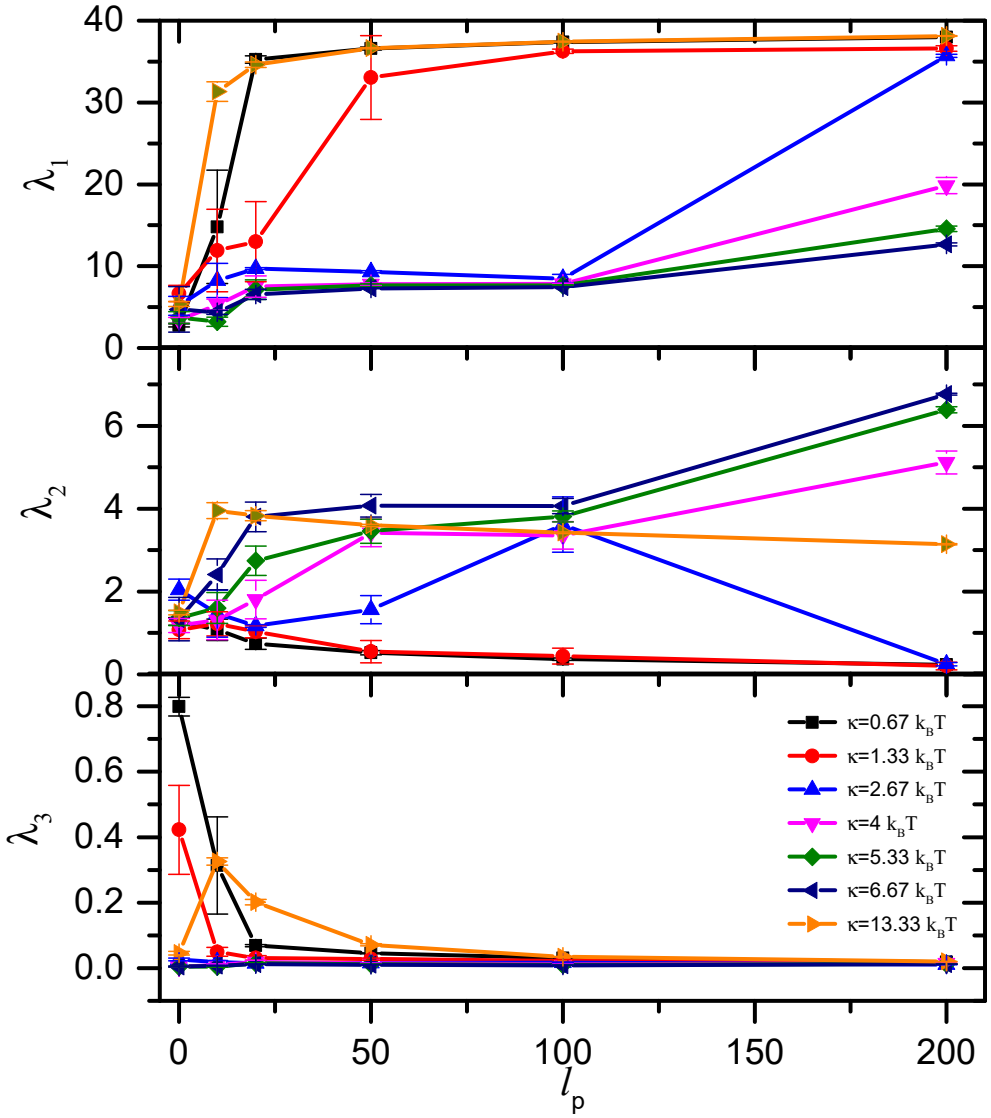

Figure S4: The eigenvalues ($\lambda_1 \geq \lambda_2 \geq \lambda_3$) of the gyration tensor of the polymer as a function of the persistence length (l_p) for different values of the bending rigidity (κ). Here the vesicle size is $M = 828$ and the adsorption strength is $\epsilon = 4\ k_{\mathrm{B}}T$. This figure presents the same data as in Fig. 4 with error bars included. Error bars were excluded in the main text for clarity.