

Supplemental Figures

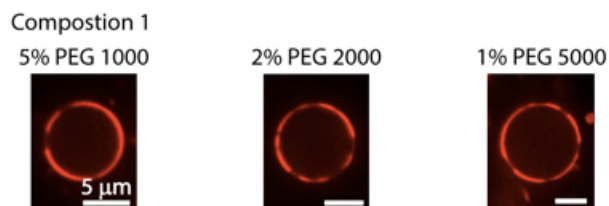


Figure S1. Vesicles with multiple small domains appear near transition points in low T_m mixtures. Fluorescence confocal image slices (0.3 mol% Texas Red-DPPE) of phase separated GUVs containing 5 mol% of PEG1000-DPPE, 2 mol% PEG2000-DPPE, and 1 mol% PEG5000-DPPE. Near the transition phase separated vesicles contained many small domains rather than a single L_D and L_O domain. For determining the phase separation percentage these vesicles were considered to be phase separated vesicles. All scale bars correspond to 5 μm .

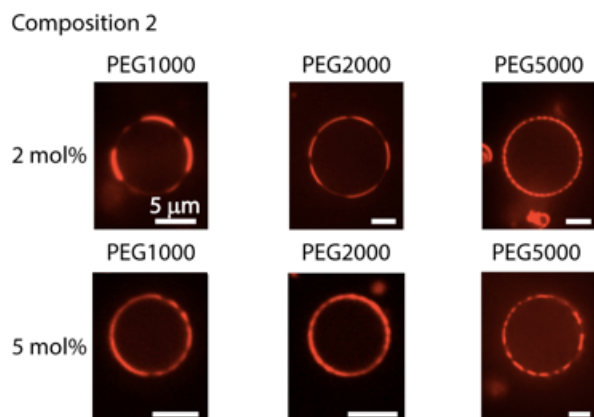


Figure S2. Vesicles with multiple small domains appear in high T_m mixtures. Fluorescence confocal image slices (0.3 mol% Texas Red-DPPE) of phase separated GUVs containing 2 mol% and 5 mol% PEG1000-DPPE, PEG2000-DPPE, and PEG5000-DPPE. At these molar concentrations in composition 2 mixtures, phase separated vesicles contained many small domains rather than a single L_D and L_O domain in the high T_m mixtures. For determining the phase separation percentage these vesicles were considered to be phase separated vesicles. All scale bars correspond to 5 μm .

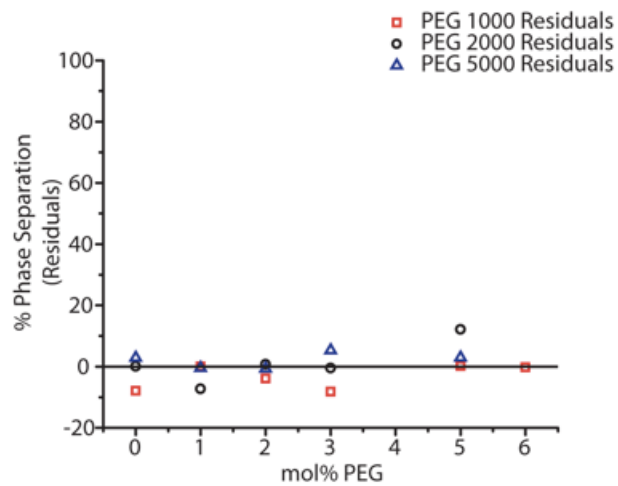


Figure S3. The residuals of the sigmoidal fits for composition 1 in Figures 1D, 2D, and 4B.

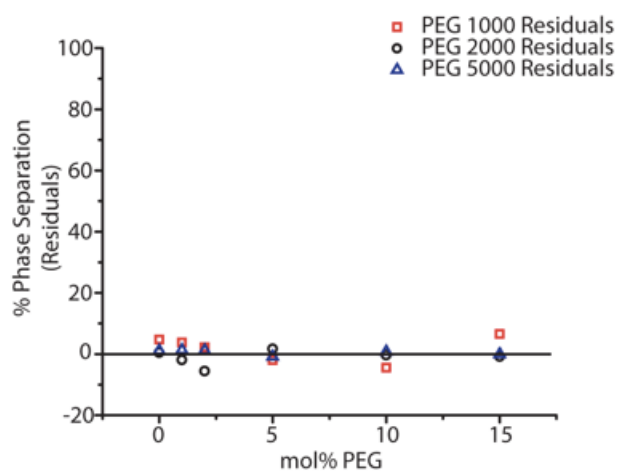


Figure S4. The residuals of the sigmoidal fits for composition 2 in Figures 4D and 6D.