Supplementary information for

Interaction of triblock co-polymer micelles with phospholipid-bilayer: A spectral deciphering using a potential chloride channel blocker

Aniruddha Ganguly, Soumen Ghosh and Nikhil Guchhait*

Department of Chemistry, University of Calcutta, 92 A. P. C. Road, Calcutta-700009, India

*To whom correspondence should be addressed. Tel.: +91-33-2350-8386. Fax: +91-33-2351-9755. E-mail: nguchhait@yahoo.com (N.G.).
Figure S1: Plot (a) represents DLS spectra of 1 mM egg-PC solution in the presence of P 123 polymer in low concentration regime (up to 4 μM) as indicated in the figure legend. Plot (b) (c) and (d) represent the bimodal DLS spectra of 1 mM egg-PC solution in the concentration regime of > 4 μM, viz. 6, 12 and 20 μM as mentioned in the figure. The spectra in the LHS represent lipid modified P 123 micelles whereas RHS represent P 123–egg-PC mixed vesicles.
Figure S2: The plot of the variation of emission maxima of 9-MA in dioxane-water mixture against $E_T(30)$ values. Each data point is an average of 5 individual measurements. The error bars are within the marker symbols if not apparent. The micropolarity of the binding site of 9-MA in egg-PC vesicles and P 123 micelles are indicated by the blue and the red points respectively.
Figure S3: Individual fits for the time resolved anisotropy decay curves as indicated in the figure legend.