Supporting Information

Effect of Perfluoroalkylation on the Interactions of Tri-block Copolymers with Monofluorinated DPPC Monolayers

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Content:

Fluorescently Labeled Lipid Probes

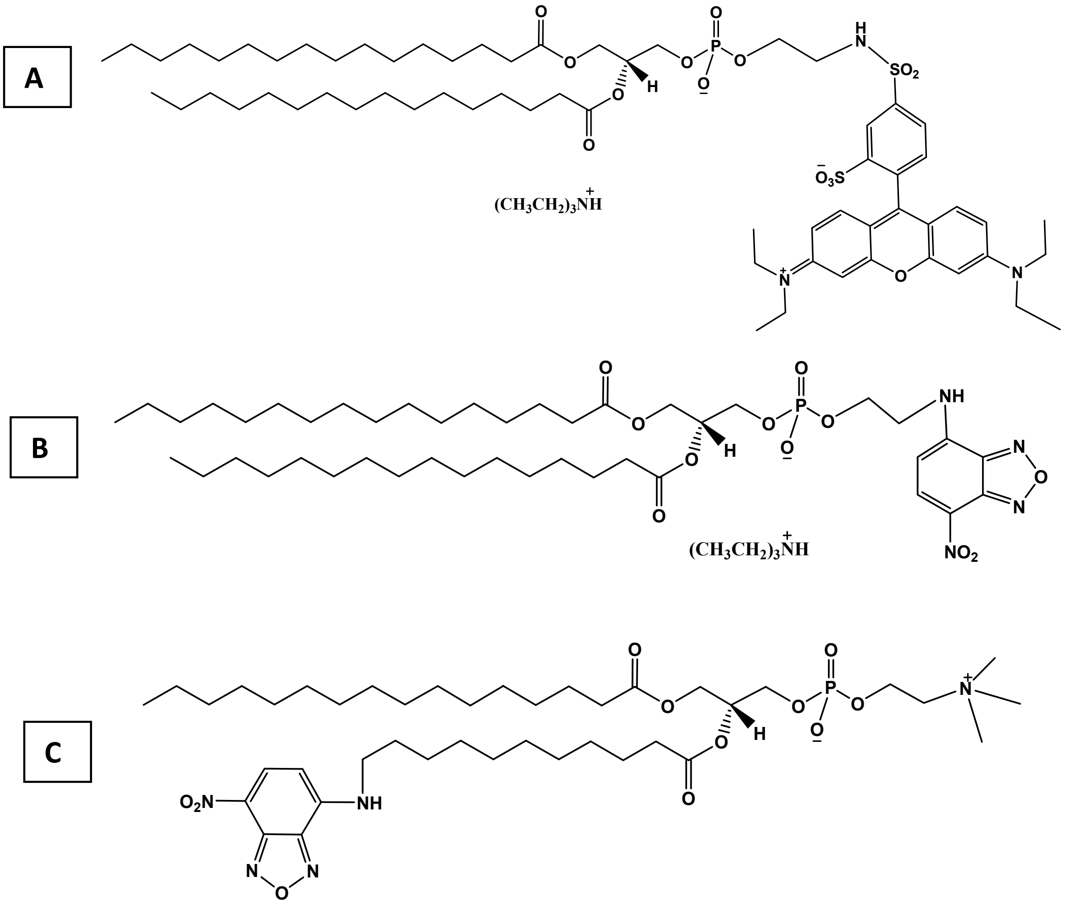

Figure S1. Chemical Structures of fluorescently labeled lipids: A) RH-DHPE; B) NBD-DPPE; and C) NBD-12HPC

Fluorescence Microscopy Images of LC domains in F-DPPC Monolayers

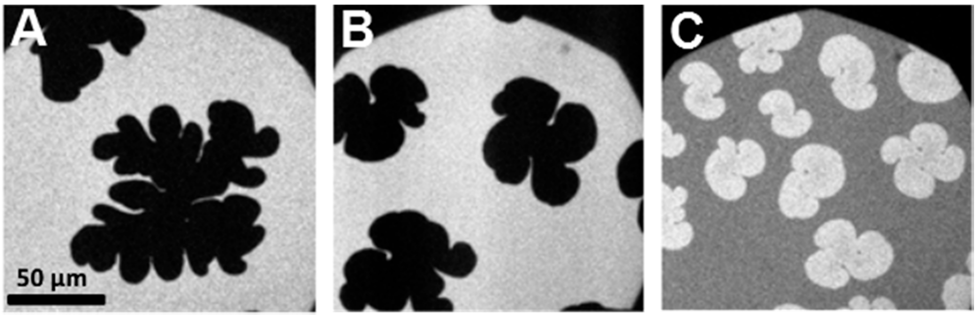

Figure S2. Epifluorescence microscopy images of F-DPPC monolayers in the presence of different labeled lipids recorded at 20°C: A) 9.9 mN m^{-1} with 0.01 mol% RH-DHPE; B) 9.4 mN m^{-1} with 1.0 mol% NBD-12HPC; and C) 9.3 mN m^{-1} with 1.0 mol% NBD-DPPE. The first two probes partition into the LE-domains, whereas NBD-DPPE partitions preferentially into the LC-domains, but is also present in the LE-domains, though with lower concentration. Therefore, the background in C is not completely black.