

SUPPORTING INFORMATION

Preparation and characterization of liposome-encapsulated plasmid DNA for gene delivery

*Rachel M. Levine^a, Timothy R. Pearce^b, Maroof Adil^a, Efrosini Kokkoli^{*a}*

^aDepartment of Chemical Engineering and Materials Science, ^bDepartment of Biomedical Engineering, University of Minnesota, Minneapolis, MN 55455, USA

Corresponding Author

* E-mail: kokkoli@umn.edu

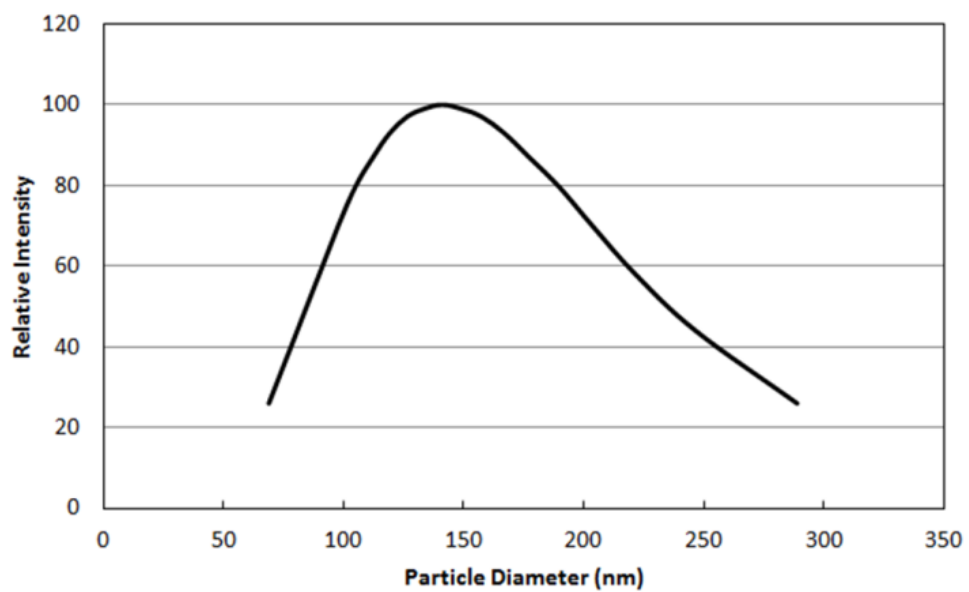


Figure S1. Representative DLS size distribution of pDNA-encapsulated stealth liposomes with an average diameter of 150 nm and polydispersity index of 0.19.

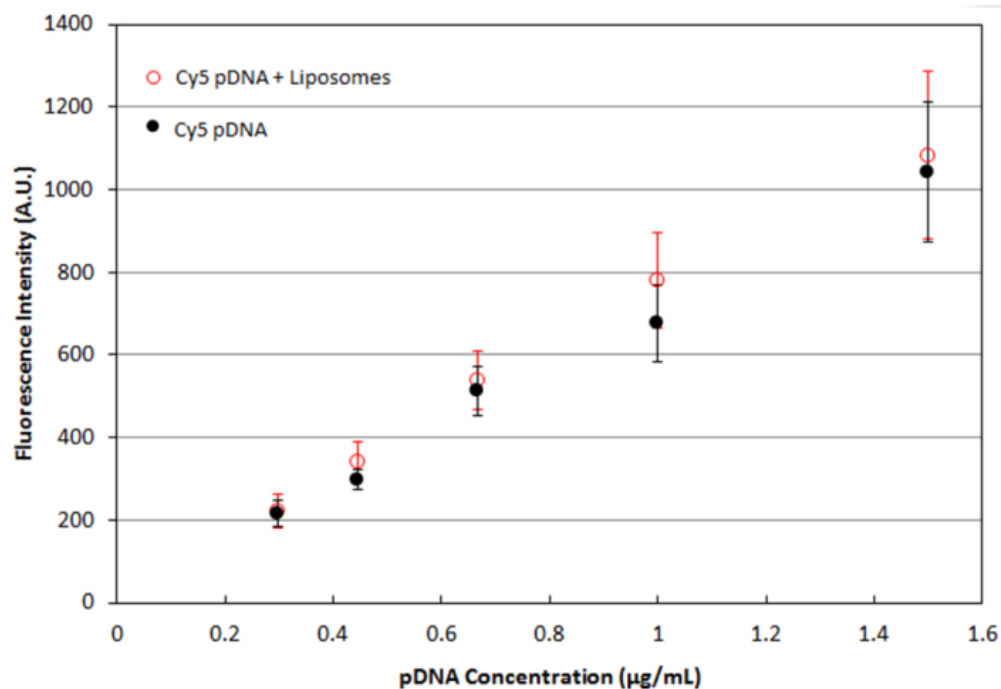


Figure S2. Concentration standard for 10% Cy5 labeled condensed pDNA and 10% Cy5 labeled condensed pDNA in the presence of empty stealth liposomes (prepared via the TF method from a 20 μmol lipid film), showing the linear dependence of fluorescence intensity on pDNA concentration and the invariance of fluorescence intensity in the presence of lipids and PEG. Data are shown as the mean $\pm$ standard error of three separate experiments (n=3), each performed in triplicate.