

Supplementary Data

Efficient mRNA Delivery with mRNA Lipoplexes Prepared using a Modified Ethanol Injection Method

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Materials and methods

Localization of Cy5-mRNA after intramuscular injection of mRNA lipoplexes into mice
mRNA lipoplexes, with 5 µg of CleanCap® Cy5-mRNA, were intramuscularly administered into mice. One and twenty-four hours after intramuscular injection, tissue samples were frozen on dry ice and sliced into 16 µm sections. The localization of Cy5-mRNA was examined using a fluorescent microscope (Eclipse TS100-F; Nikon Corporation).

Results

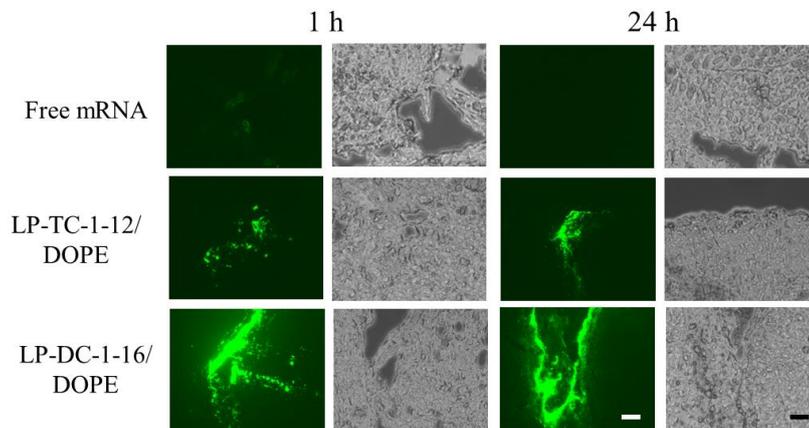


Figure S1 Localization of mRNA in mice after intramuscular injection of mRNA lipoplexes. mRNA lipoplexes with 5 μg of Cy5-mRNA were administered intramuscularly into mice. One or twenty-four hours after injection, tissue was frozen and sliced to observe localization of Cy5-mRNA (green) using a fluorescent microscope. Scale bar = 100 μm .