

## *Supplementary Data*

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

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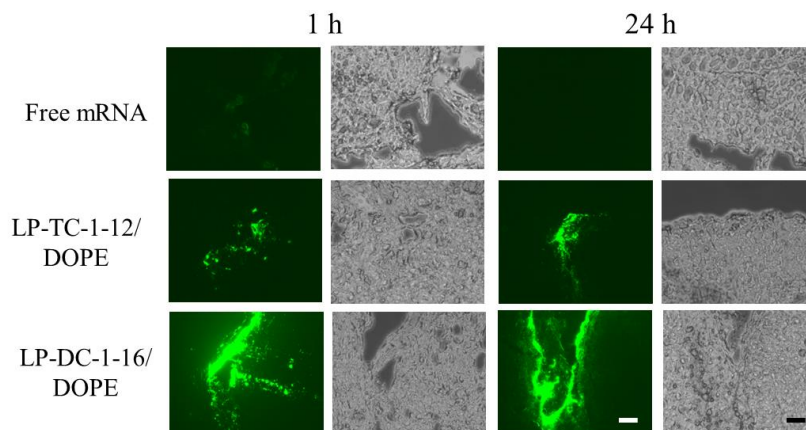
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#### **Materials and methods**

*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  $\mu$ g 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  $\mu$ m.