Addition of Ascorbic Acid to the Extracellular Environment Activates Lipoplexes of a Ferrocenyl Lipid and Promotes Cell Transfection

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Supplementary Data



Figure S1: Additional cryo-TEM images acquired during characterization of the samples of A) lipoplexes of oxidized BFDMA that were treated with AA and B) lipoplexes of oxidized BFDMA (both in Opti-MEM cell culture medium) used to acquire images shown in Figures 7B-D of the main text. The images were acquired in an area of the sample where lipoplexes were absent and show the presence of DNA threadlike structures in solution. C) Cryo-TEM image of a solution of plasmid DNA encoding EGFP (2.9 mg/ml in water). The arrows in images point at DNA threads dispersed in the solution.