

Electronic Supplementary Information (ESI)

PEGylated Reduced Graphene Oxide as a Superior ssRNA Delivery System

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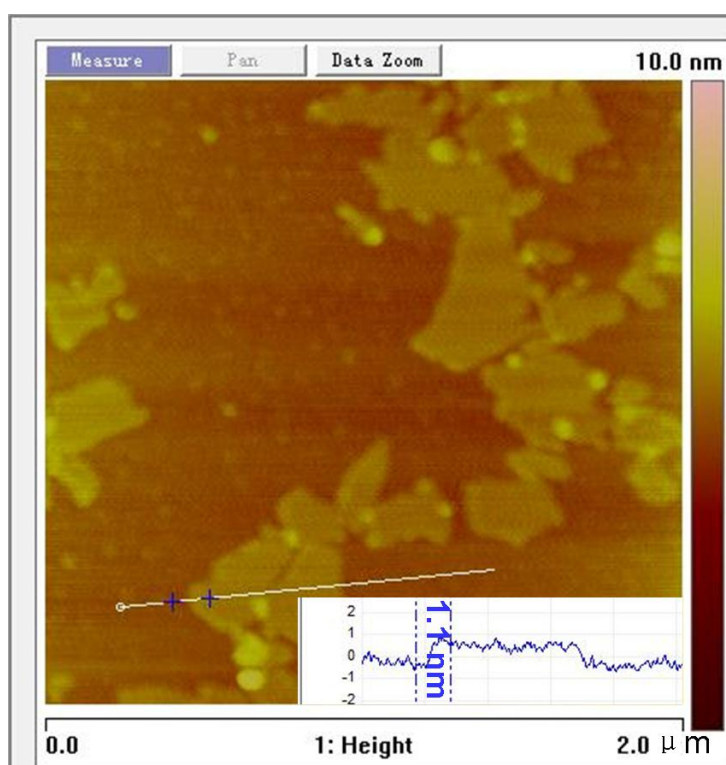


Fig. S1. AFM image of GO.

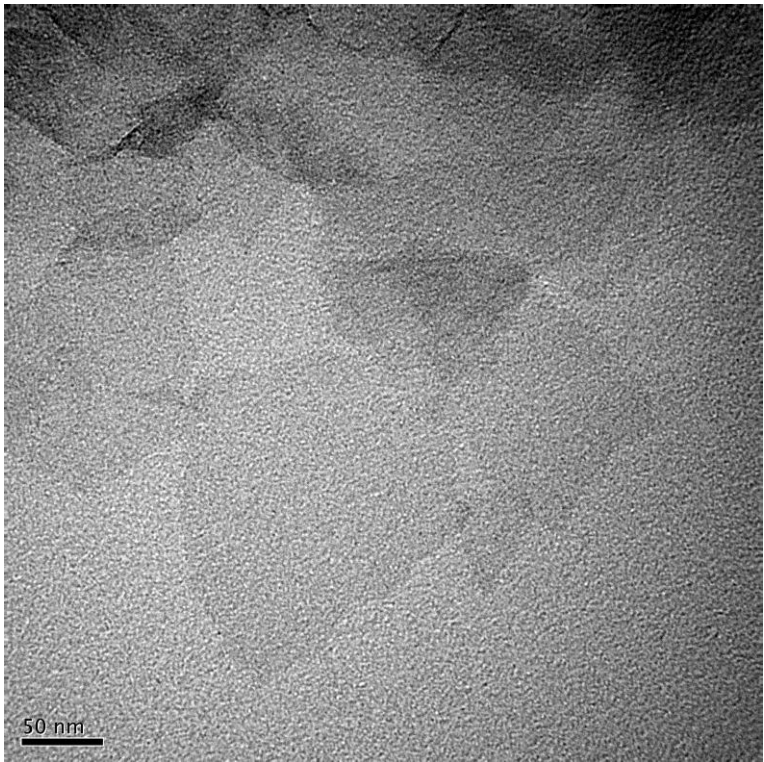


Fig. S2. TEM image of GO.

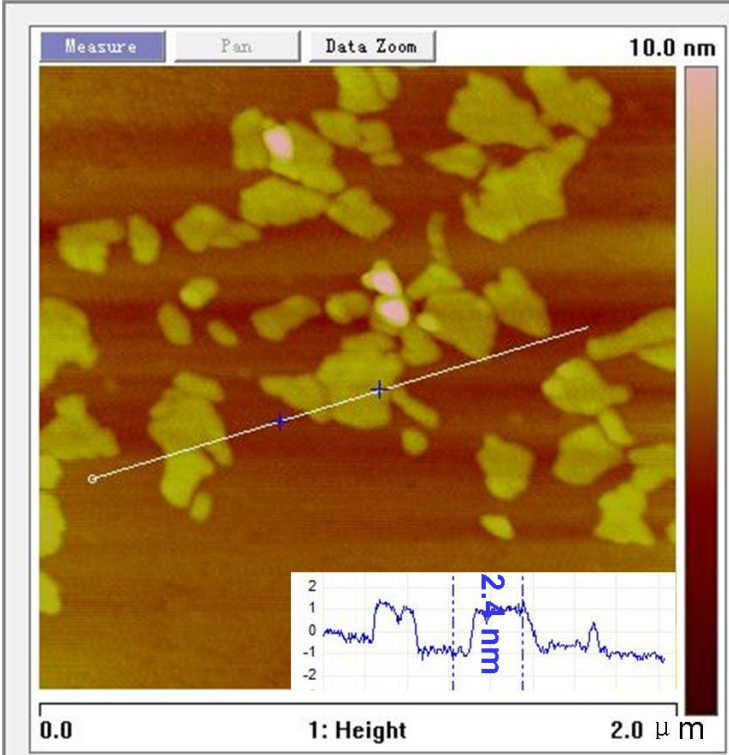


Fig. S3. AFM image of PEG-RGO.

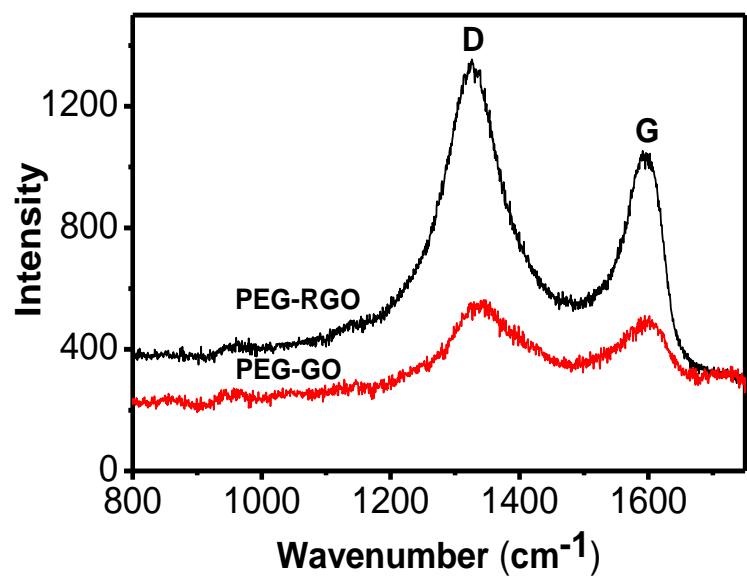


Fig. S4. Raman spectra of PEG-RGO and PEG-GO.

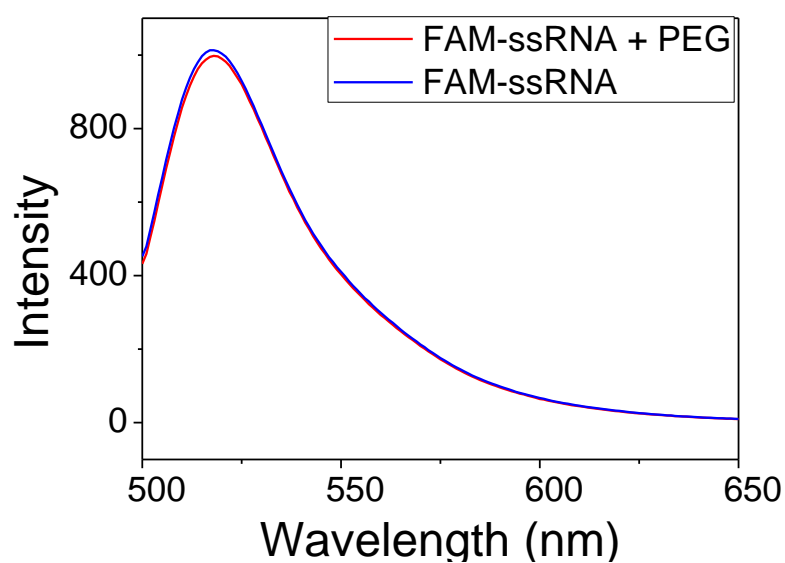


Fig. S5. Fluorescence emission spectra (excitation at 480 nm) of FAM-ssRNA (100 nM) before and incubation with PEG at a concentration of 100 mg L⁻¹, respectively.

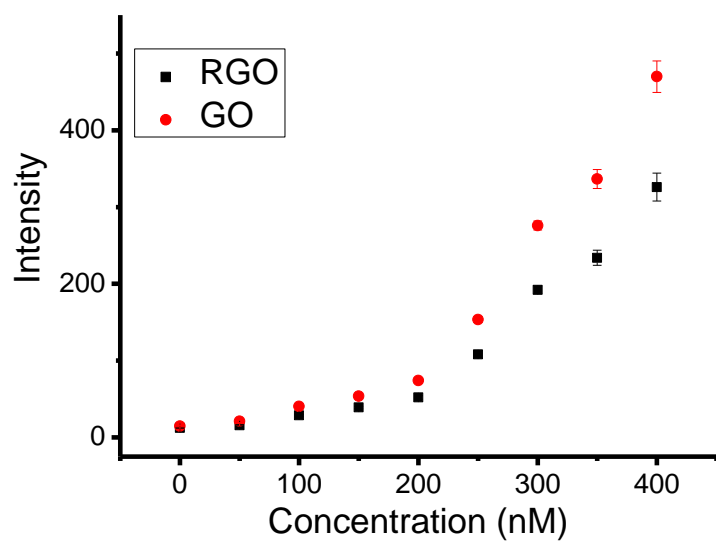


Fig. S6. Plot of fluorescence intensity of the FAM-ssRNA-GO and FAM-ssRNA-RGO complexes as a function of the concentration of the complimentary DNA.