### **Supplementary Information**

# Modular Synthesis of Bioreducible Gene Vectors Through Polyaddition of N,N'-Dimethylcystamine and Diglycidyl Ethers

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#### DMC1

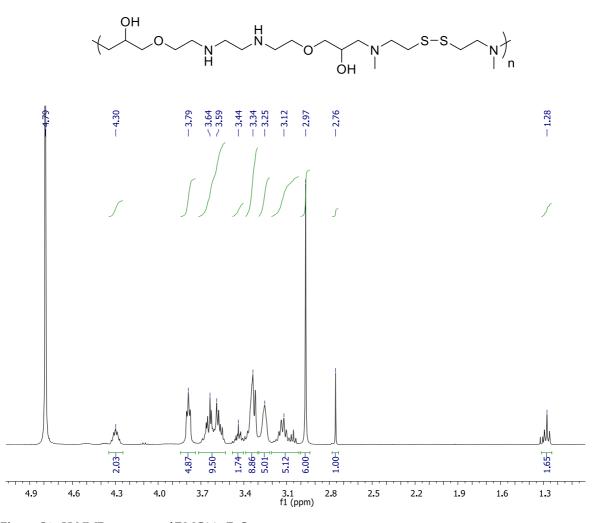


Figure S1.  $^1H$ -NMR spectrum of DMC1 in D2O.



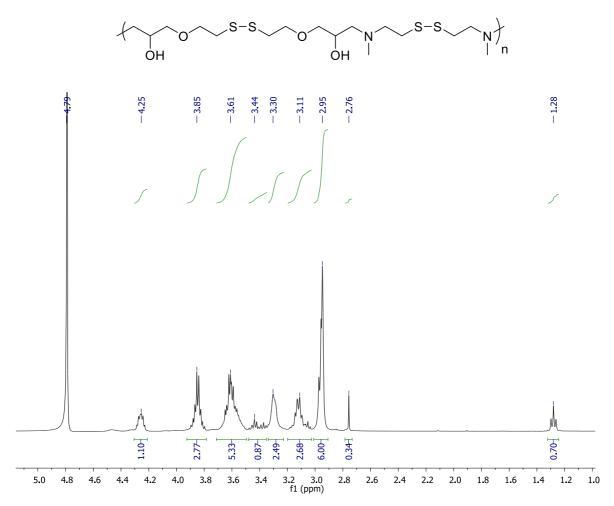


Figure S2. <sup>1</sup>H-NMR spectrum of DMC2 in D<sub>2</sub>O.

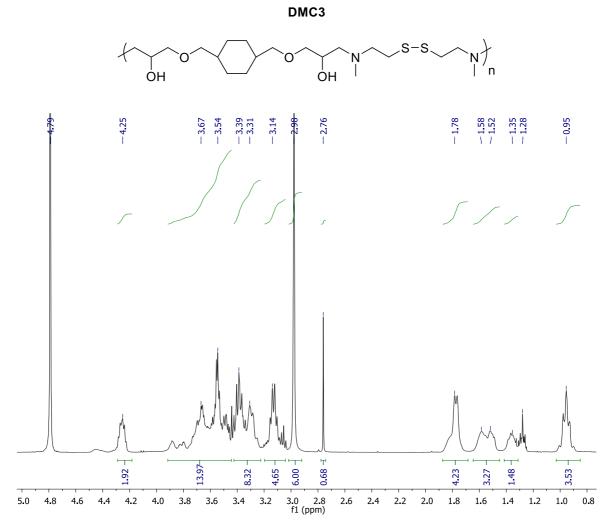


Figure S3. <sup>1</sup>H-NMR spectrum of DMC3 in D<sub>2</sub>O.

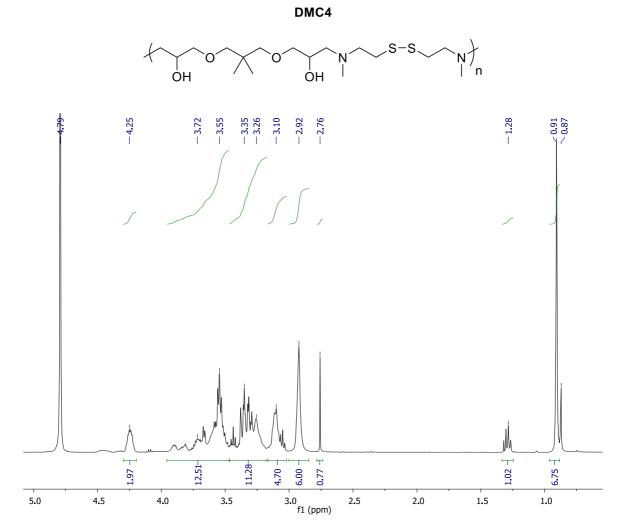


Figure S4. <sup>1</sup>H-NMR spectrum of DMC4 in D<sub>2</sub>O.

## DMC5

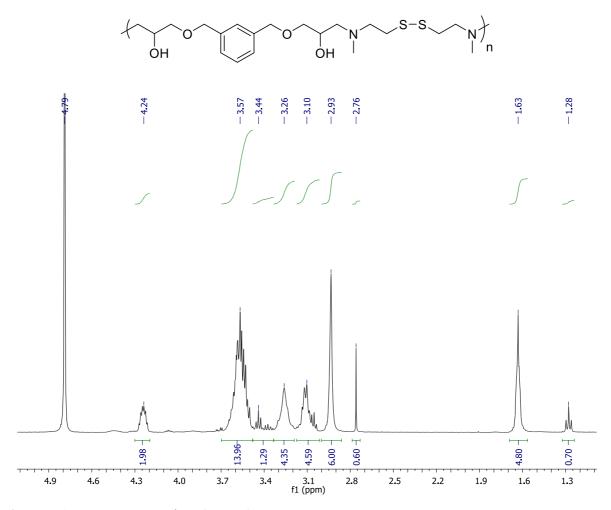


Figure S5. <sup>1</sup>H-NMR spectrum of DMC5 in D<sub>2</sub>O.

## DMC6

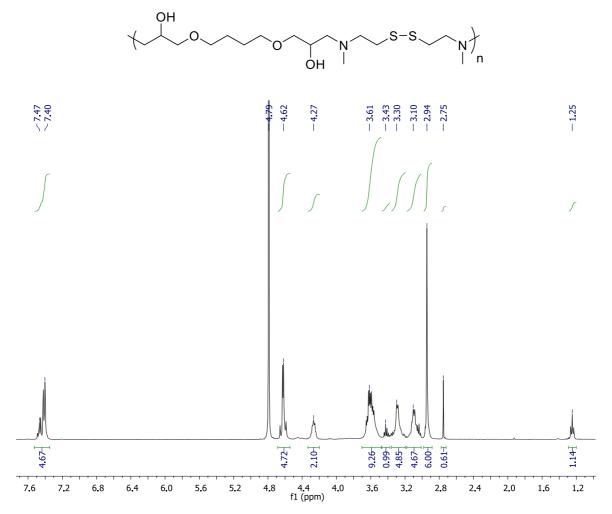


Figure S6. <sup>1</sup>H-NMR spectrum of DMC6 in D<sub>2</sub>O.