

## Supporting information

### Dextran-peptide Hybrid for Efficient Gene Delivery

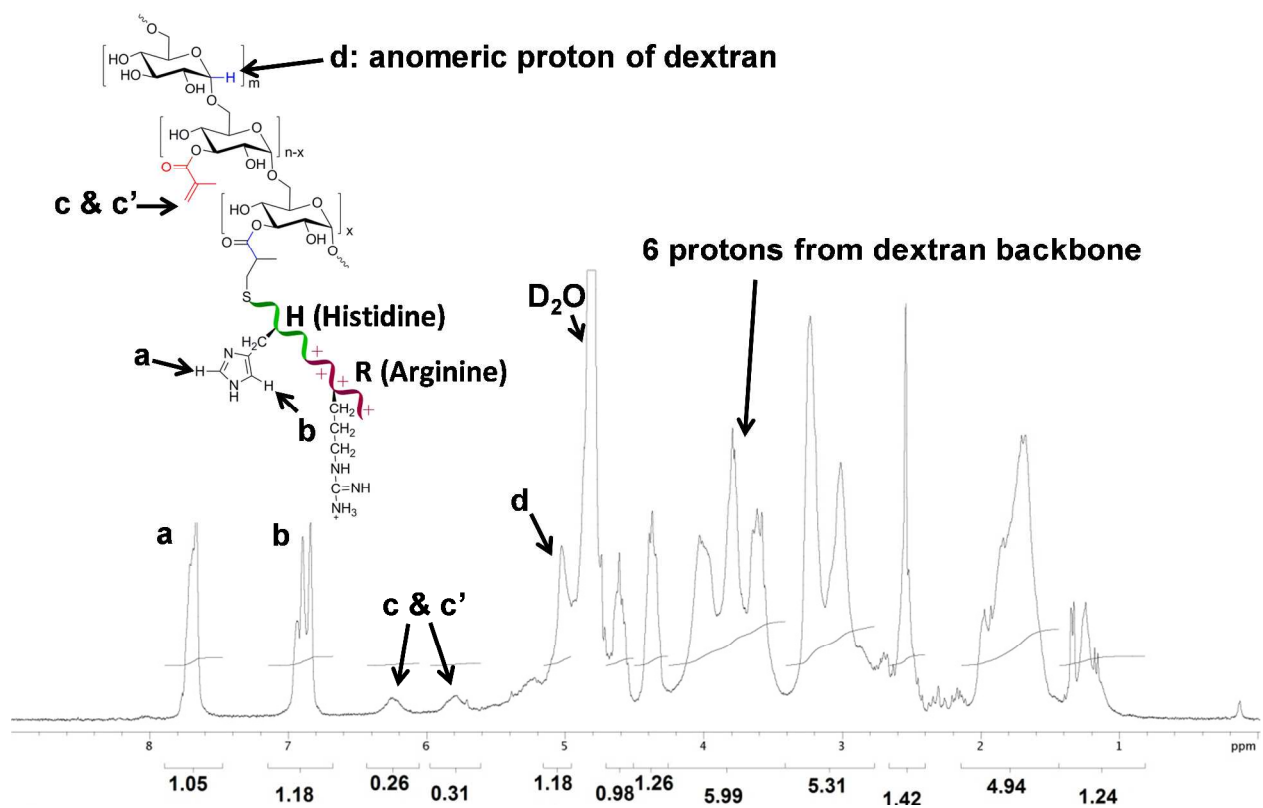
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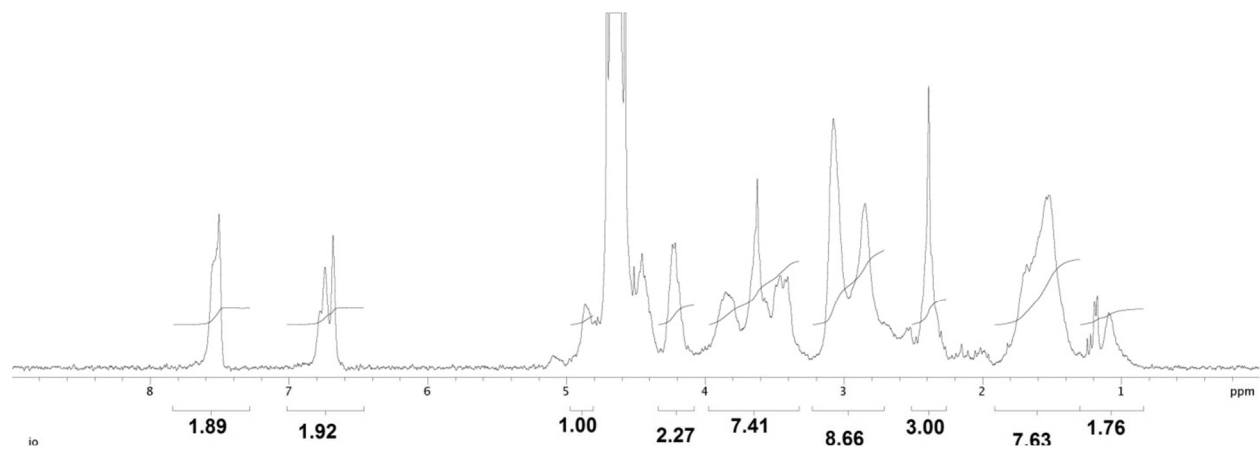
<sup>2</sup> Department of Medicine, University of California at Los Angeles, Los Angeles, CA 90095, USA.

<sup>3</sup> Department of Integrative Medical Sciences, Northeast Ohio Medical University, Rootstown, OH 44272, USA

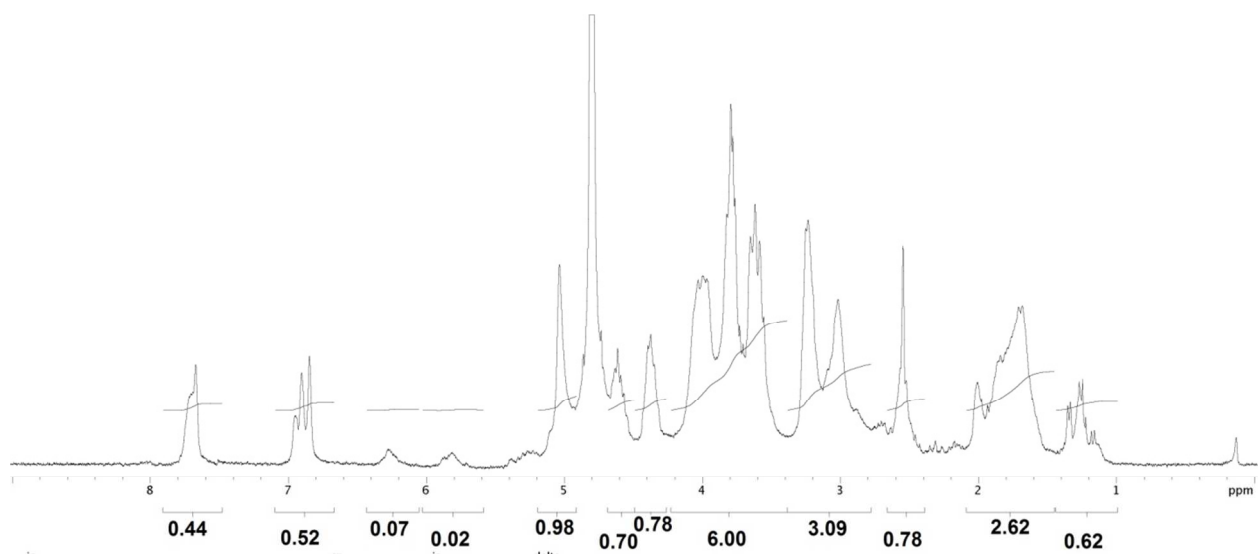
KEYWORDS: Dextran, peptide, hybrid, Gene delivery, degradability



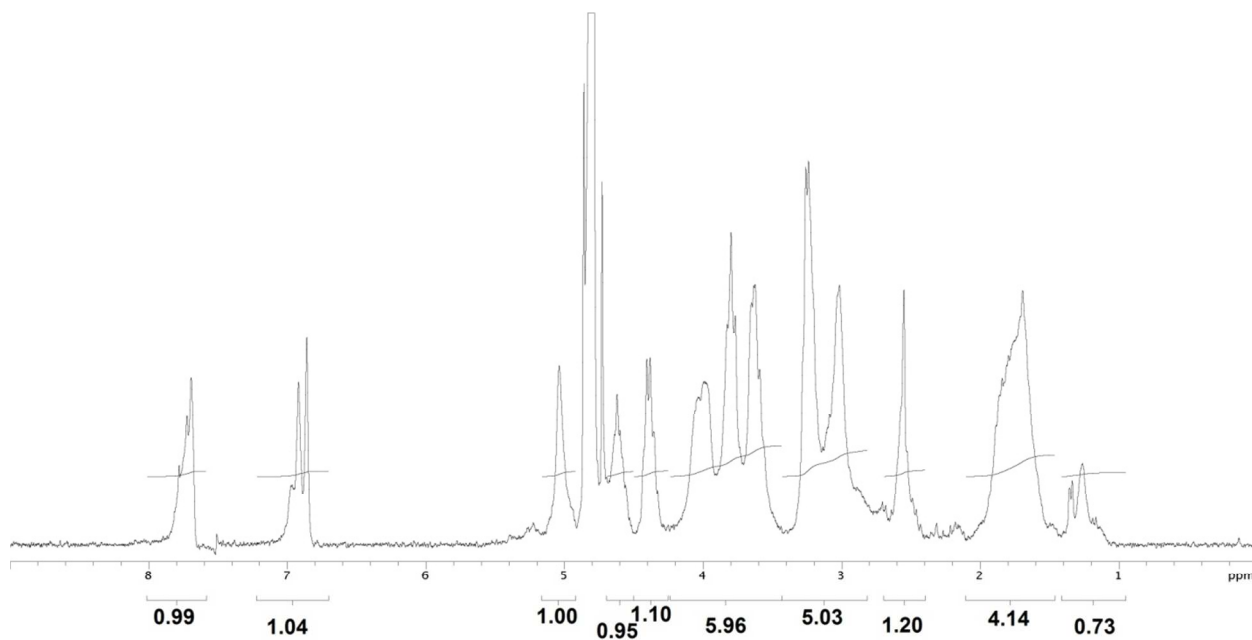
**Figure S1.** 300MHz  $^1\text{H}$  NMR spectrum of Dex10-R5H5(20%) in  $\text{D}_2\text{O}$ .



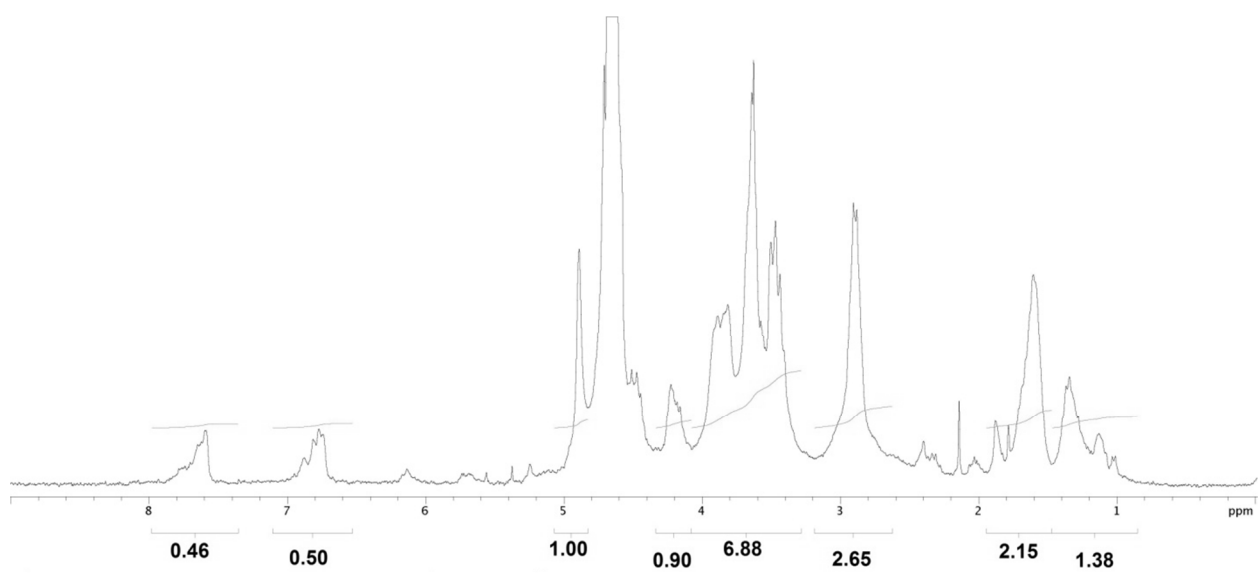
**Figure S2.** 300MHz <sup>1</sup>H NMR spectrum of Dex10-R5H5(40%) in D<sub>2</sub>O.



**Figure S3.** 300MHz <sup>1</sup>H NMR spectrum of Dex20-R5H5(10%) in D<sub>2</sub>O.



**Figure S4.** 300MHz <sup>1</sup>H NMR spectrum of Dex20-R5H5(20%) in D<sub>2</sub>O.



**Figure S5.** 300MHz <sup>1</sup>H NMR spectrum of Dex70-R5H5(10%) in D<sub>2</sub>O.