

Supplementary Information

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1. Figure S1. MALDI-TOF mass spectrometry of DestiNA probe 1.
 2. Figure S2. MALDI-TOF mass spectrometry of DestiNA probe 2.
 3. Figure S3. MALDI-TOF mass spectrometry of fluorescein-labelled cytosine.
 4. Table S1. Sequences of synthetic RNA/DNA oligomers.

MALDI-TOF Spectra

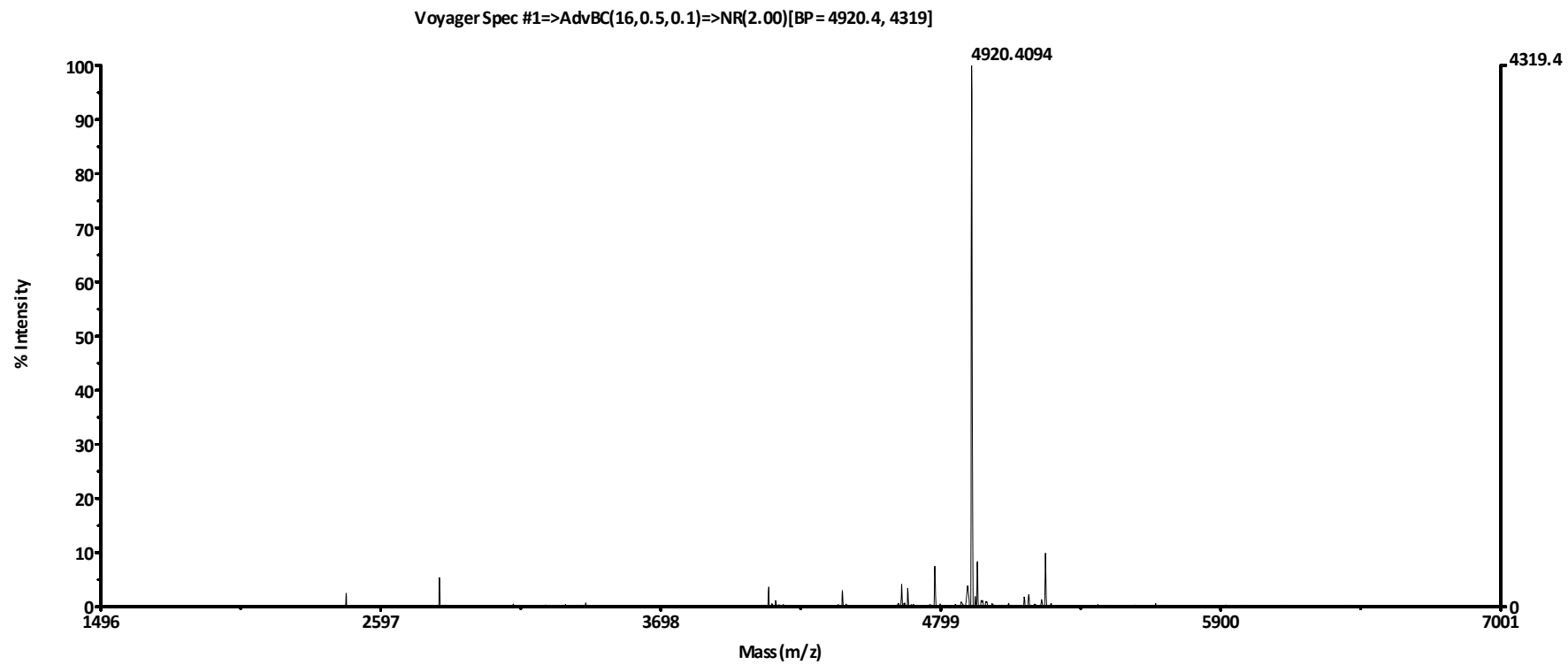
Figure S1. MALDI-TOF MS of Probe 1: Amino-peg- AAC AC_ ATT GTC ACA CTC. Exact Mass: 4,920.04, Molecular Weight: 4,922.79.

Figure S2. MADLI-TOF MS of Probe 2: Amino-peg- GC TTC GGC _AG TAA TGT GAT. Exact Mass: 5,564.25, Molecular Weight: 5,567.35.

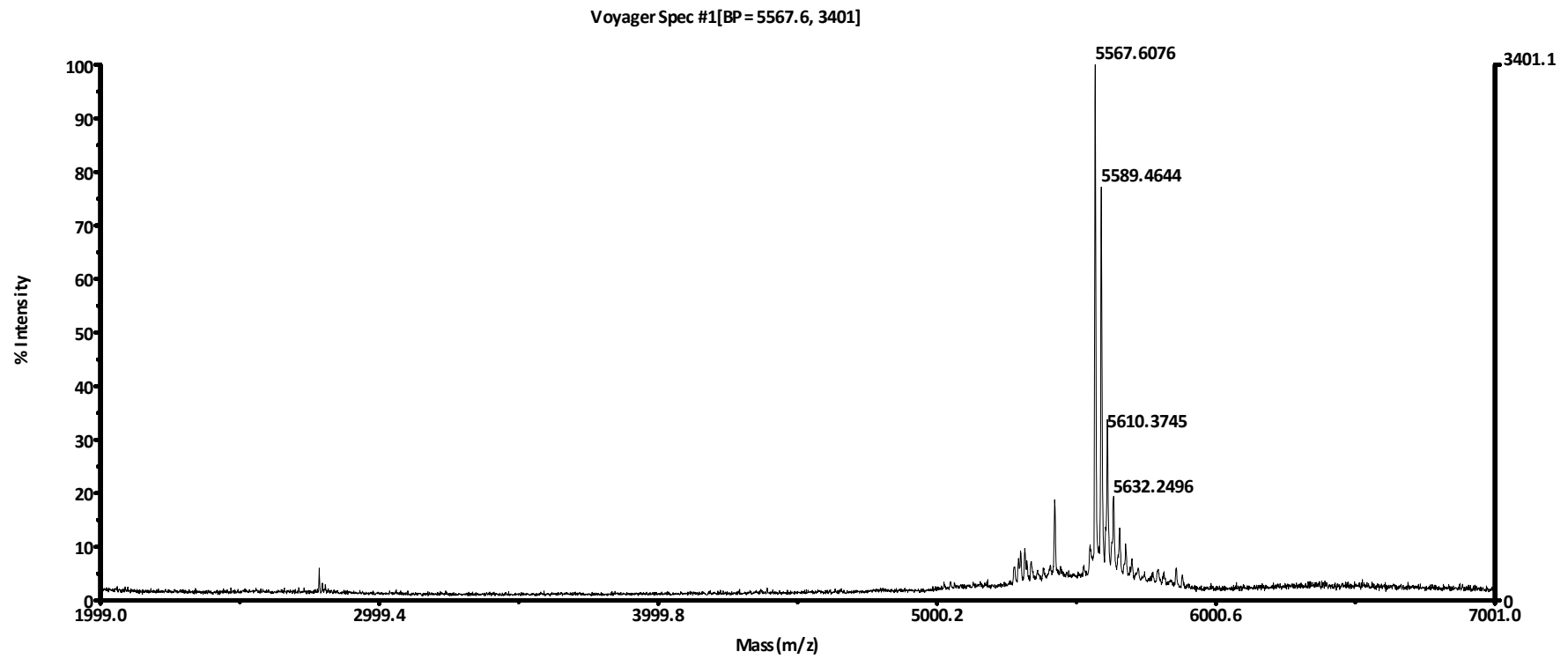
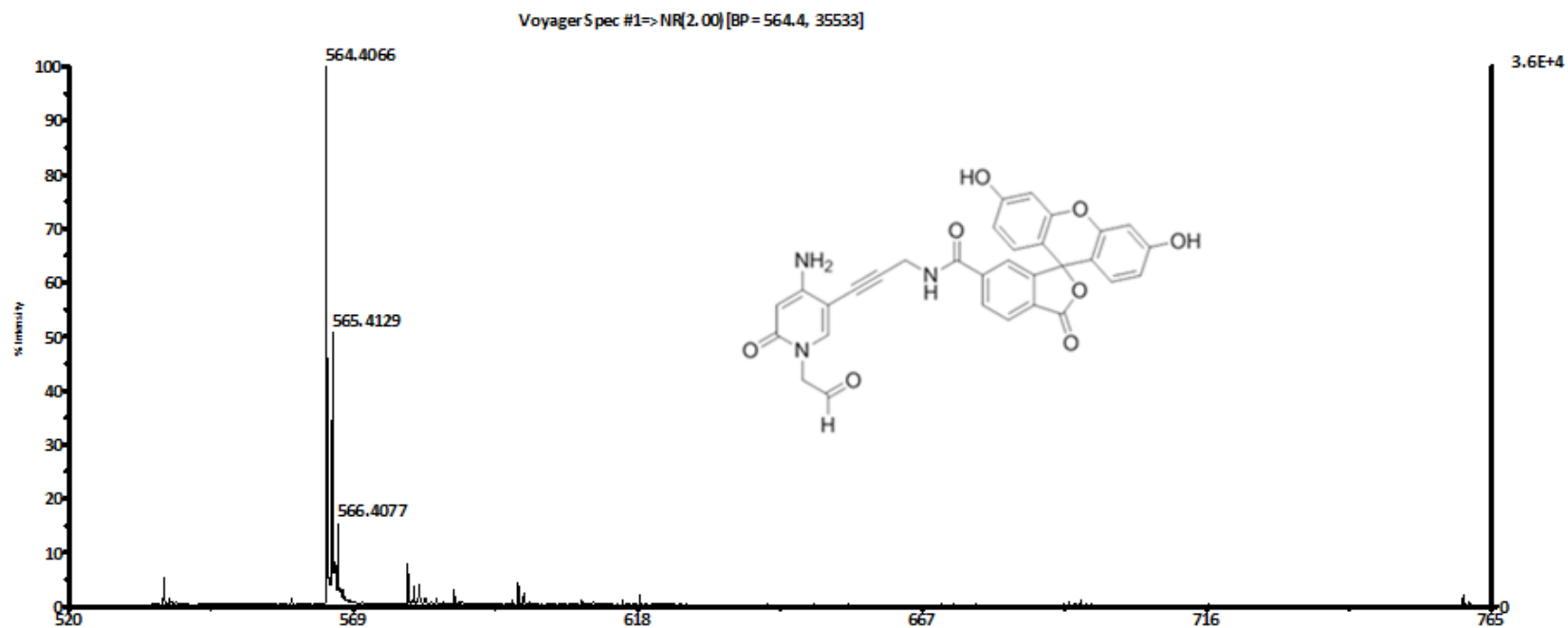


Figure S3. MADLI-TOF MS of fluorescein-labelled cytosine. Exact Mass: 563.13, Molecular Weight: 563.41.**Table S1.** Sequences of synthetic RNA/DNA oligomers.

Target	Name	Sequence (5'→3')	5' Modif.	3' Modif.
1	miRNA122	GAGUGUGACAAUGGUGUU	FITC	NONE
2	MGV	AUCACAUUACUGGCCGAAGC	FITC	NONE
3	miRNA122	GAGUGUGACAAUGGUGUU	NONE	NONE
Corner Marker		ACTATCATCTAAACT	Amino C6	FITC