

SUPPLEMENTARY MATERIAL

Identification, localization, and relative quantitation of pseudouridine in RNA by tandem mass spectrometry of hydrolysis products

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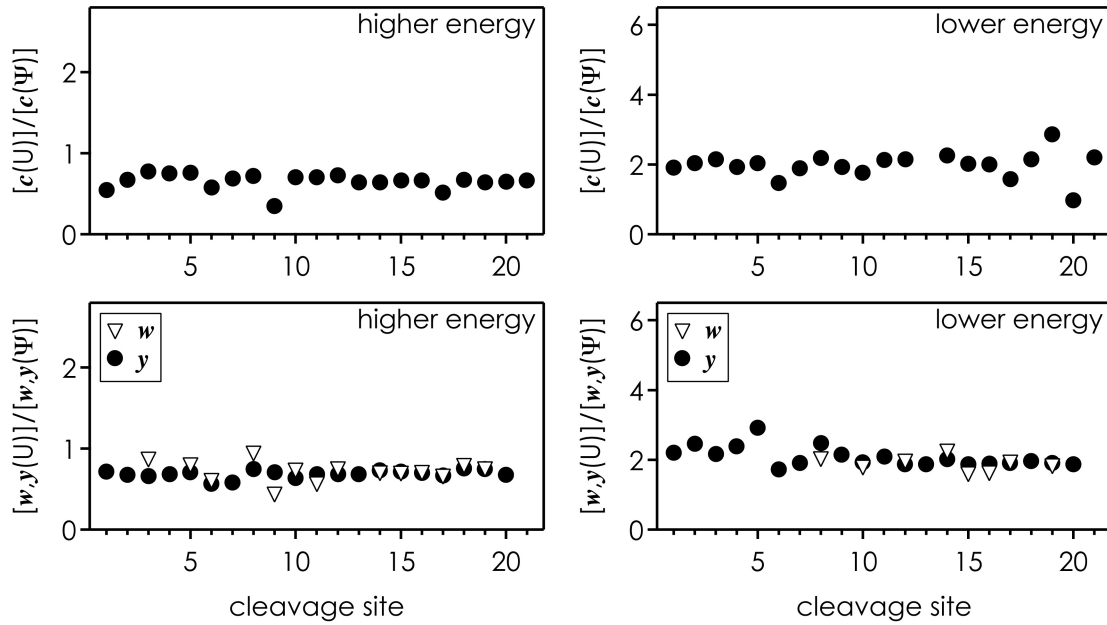


Figure S2: Ratio of c , y , and w ion yields from CAD of $(M - 5H)^{5-}$ ions of U- and Ψ -sequences versus cleavage site, higher collision energy is 85 eV, lower collision energy is 70 eV.

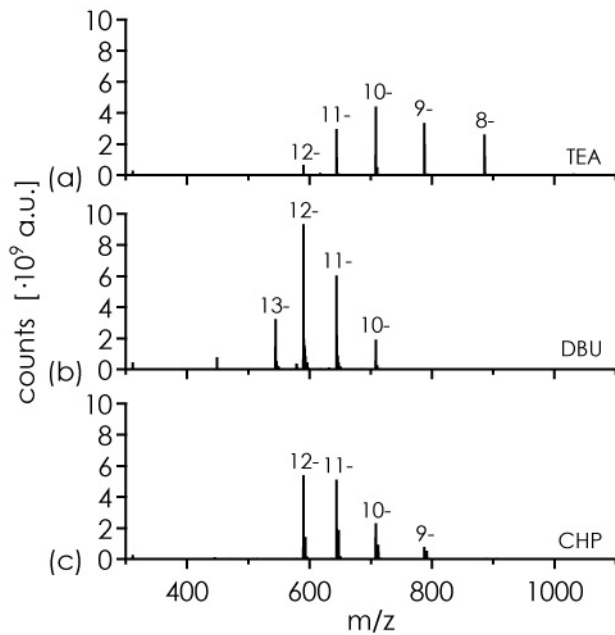


Figure S3: ESI-MS spectra of 22 nt RNA (U-sequence, 1 μ M in 1:1 H_2O/CH_3OH) with (a) 1% Vol. TEA, (b) 0.1% Vol. DBU, and (c) 20 mM CHP.