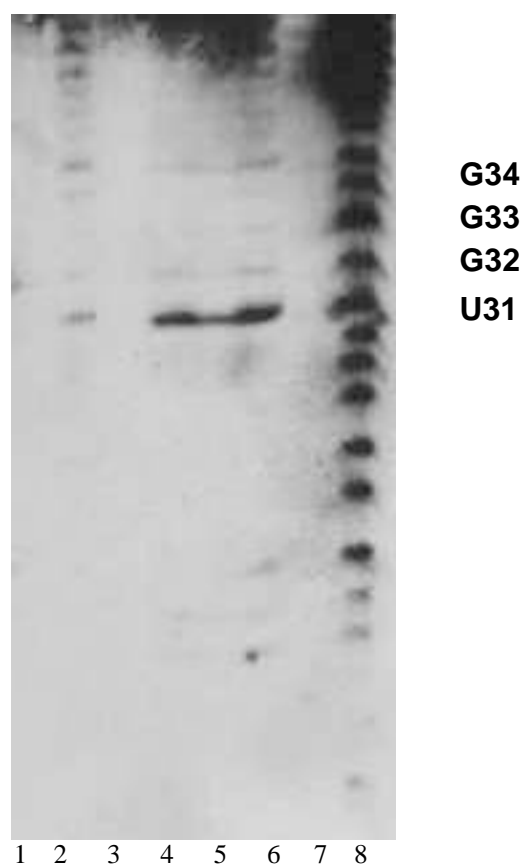


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Supporting information for *ChemBioChem*

Selective Cleavage of Unpaired Uridines with a Tyrosine-Cyclen Conjugate

Katrin Michaelis and Markus Kalesse*



Cleavage of the TAR-RNA with **5** in the presence of stoichiometrical amounts of Co(III) and Ni(III). The RNA cleavage reaction was carried out at pH 7.4 Tris-HCl (20 mM) containing RNA (135 nM), tyrosine derivative **5** (1.67 mM) and NaCl (20 mM).

Lane 1, **5** + 1.67 mM CoCl₃, lane 2, **5** + 0.8 mM CoCl₃; lane 4, **5** + 1.67 mM EDTA, lane 5, **5** + 0.8 mM NiCl₂, lane 6, **5**; lane 7 **5** + 1.67 mM NiCl₂; lane 8, alkaline hydrolysis.

Suppressed cleavage of the TAR-RNA with **1** in the presence of metal ions

