SUPPLEMENTARY INFORMATION

Cisplatin-induced duplex dissociation of complementary and destabilized short GG-containing duplex RNAs

Christopher Polonyi, Alak Alshiekh, Lamya A. Sarsam, Maria Clausén, and Sofi K. C. Elmroth
Figure S1. Thermal melting curves obtained for the native RNA duplexes (A) RNA-1, (B) RNA-1-2, (C) RNA-1-3 and (D) RNA-1-4. All measurements were conducted with $C_T = 3.0$ µM at two different buffer conditions; $C_{\text{Na}^+} = 122$ mM (black; 20 mM Na$_2$HPO$_4$/NaH$_2$PO$_4$ pH 5.7, supplemented with 100 mM NaClO$_4$) and $C_{\text{Na}^+} = 1.0$ M (gray; 50 mM Na$_2$HPO$_4$/NaH$_2$PO$_4$ pH 5.7, supplemented with 946 mM NaClO$_4$).

Please note that high resolution illustrations are provided as separate zip-files
Figure S2. Absorbance change (A) as a function of time after addition of 1a to RNA-1-1-S; \( C_{Pt} = 45 \) µM, \( C_T = 3.0 \) µM, and \( C_{Na^+} = 1.0 \) M, (B) as function of time after addition of 1a to RNA-1-1-S; \( C_{Pt} = 7.5 - 45 \) µM, \( C_T = 3.0 \) µM, and \( C_{Na^+} = 0.122 \) M, (C) as a function of temperature obtained for RNA-1-1-S with (black) \( C_{Na^+} = 0.122 \) M (black) and \( C_{Na^+} = 1.0 \) M (gray).

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