

Supplementary file 7. *P*-values determined by two-tailed Student's *t*-test

Relevant figure	Alternative hypothesis	<i>p</i> -value
6C	k_{d1} of <i>lacZ</i> mRNA in RNE-F574AA-CTD is different from that in WT RNE.	0.66
	k_{d1} of <i>lacZ</i> mRNA in RNE-F575E-CTD is different from that in WT RNE.	3.8E-04
	k_{d1} of <i>lacZ</i> mRNA in RNE-F582E-CTD is different from that in WT RNE.	0.0076
	k_{d1} of <i>lacZ</i> mRNA in RNE-LacY2-CTD is different from that in WT RNE.	0.021
	k_{d1} of <i>lacZ</i> mRNA in RNE-LacY6-CTD is different from that in WT RNE.	0.60
	k_{d1} of <i>lacZ</i> mRNA in RNE-LacY12-CTD is different from that in WT RNE.	0.41
	k_{d1} of <i>lacZ</i> mRNA in RNE Δ MTS is different from that in WT RNE.	0.013
6D	k_{d2} of <i>lacZ</i> mRNA in RNE-F574AA-CTD is different from that in WT RNE.	0.12
	k_{d2} of <i>lacZ</i> mRNA in RNE-F575E-CTD is different from that in WT RNE.	0.97
	k_{d2} of <i>lacZ</i> mRNA in RNE-F582E-CTD is different from that in WT RNE.	0.44
	k_{d2} of <i>lacZ</i> mRNA in RNE-LacY2-CTD is different from that in WT RNE.	0.67
	k_{d2} of <i>lacZ</i> mRNA in RNE-LacY6-CTD is different from that in WT RNE.	0.47
	k_{d2} of <i>lacZ</i> mRNA in RNE-LacY12-CTD is different from that in WT RNE.	0.81
	k_{d2} of <i>lacZ</i> mRNA in RNE Δ MTS is different from that in WT RNE.	0.23
6E	k_{d1} of <i>lacZ</i> mRNA in RNE-F574AA Δ CTD is different from that in RNE Δ CTD.	0.50
	k_{d1} of <i>lacZ</i> mRNA in RNE-F575E Δ CTD is different from that in RNE Δ CTD.	0.041
	k_{d1} of <i>lacZ</i> mRNA in RNE-F582E Δ CTD is different from that in RNE Δ CTD.	0.031
	k_{d1} of <i>lacZ</i> mRNA in RNE-LacY2 Δ CTD is different from that in RNE Δ CTD.	0.58
	k_{d1} of <i>lacZ</i> mRNA in RNE-LacY6 Δ CTD is different from that in RNE Δ CTD.	0.37
	k_{d1} of <i>lacZ</i> mRNA in RNE-LacY12 Δ CTD is different from that in RNE Δ CTD.	0.37
	k_{d1} of <i>lacZ</i> mRNA in RNE Δ MTS Δ CTD is different from that in RNE Δ CTD.	0.034
6F	k_{d2} of <i>lacZ</i> mRNA in RNE-F574AA Δ CTD is different from that in RNE Δ CTD.	0.18
	k_{d2} of <i>lacZ</i> mRNA in RNE-F575E Δ CTD is different from that in RNE Δ CTD.	0.019
	k_{d2} of <i>lacZ</i> mRNA in RNE-F582E Δ CTD is different from that in RNE Δ CTD.	0.020
	k_{d2} of <i>lacZ</i> mRNA in RNE-LacY2 Δ CTD is different from that in RNE Δ CTD.	0.27
	k_{d2} of <i>lacZ</i> mRNA in RNE-LacY6 Δ CTD is different from that in RNE Δ CTD.	0.14
	k_{d2} of <i>lacZ</i> mRNA in RNE-LacY12 Δ CTD is different from that in RNE Δ CTD.	0.0037
	k_{d2} of <i>lacZ</i> mRNA in RNE Δ MTS Δ CTD is different from that in RNE Δ CTD.	0.030
6-SF1	k_{d1} of <i>lacZ</i> mRNA in RNase E without mEos3.2 attached and k_{d1} of <i>lacZ</i> mRNA in RNase E with mEos3.2 attached are different	0.9104
	k_{d2} of <i>lacZ</i> mRNA when RNase E was without mEos3.2 attached and k_{d2} of <i>lacZ</i> mRNA when RNase E has mEos3.2 attached are different	0.8418
6-SF2	k_{d1} of <i>lacZ</i> mRNA in WT and k_{d1} of <i>lacZ</i> mRNA when RNase E is overexpressed are different	0.9635

	k_{d2} of <i>lacZ</i> mRNA in WT is smaller than k_{d2} of <i>lacZ</i> mRNA when RNase E is overexpressed	0.2812
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Abbreviations:

SF supplement figure