

**Table S2. Values for energy (kJ/mol) required to break an RNA:DNA basepair, used in RNAP pausing model.** Energy values were calculated for the temperature of 303 K based on nearest neighbour model from Table 3 in [26].

	<b>3' RNA base</b>	<b>A</b>	<b>C</b>	<b>G</b>	<b>U</b>
<b>Nearest 5' RNA neighbour</b>					
<b>A</b>		4.87	9.09	8.28	4.43
<b>C</b>		4.57	9.50	8.49	4.31
<b>G</b>		5.90	11.79	13.11	5.25
<b>U</b>		3.22	6.95	7.51	1.97