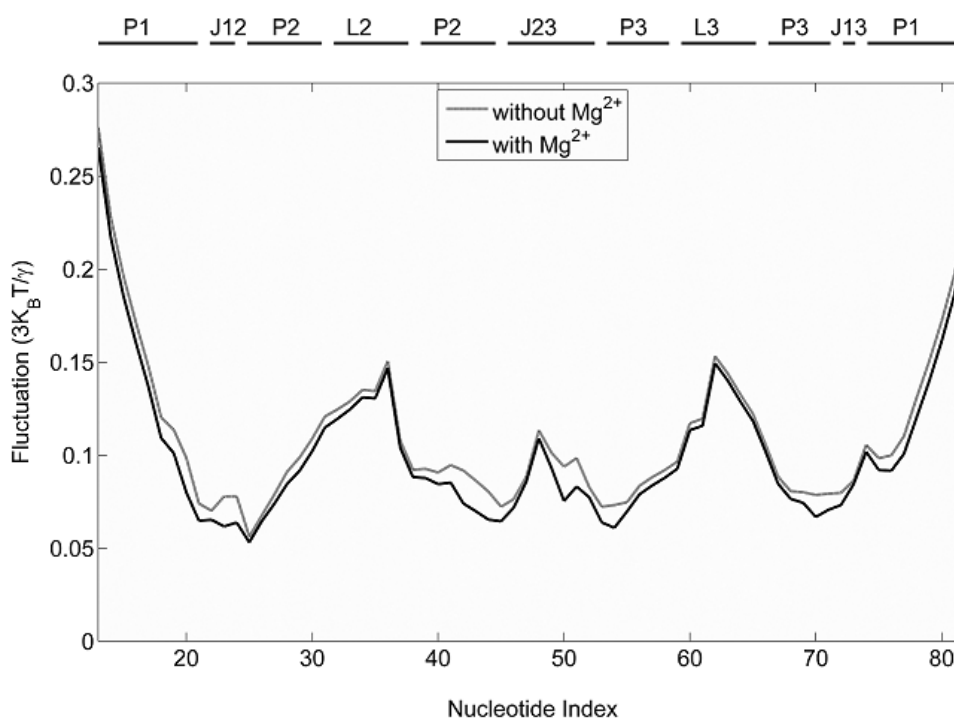


# Approach to the unfolding and folding dynamics of *add* A-riboswitch upon adenine dissociation using a coarse-grained elastic network model

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## Supplementary Material



**Figure S1.** Fluctuations of nucleotides of *add* A-riboswitch with (solid line) and without  $Mg^{2+}$  ions (shaded line), respectively.