

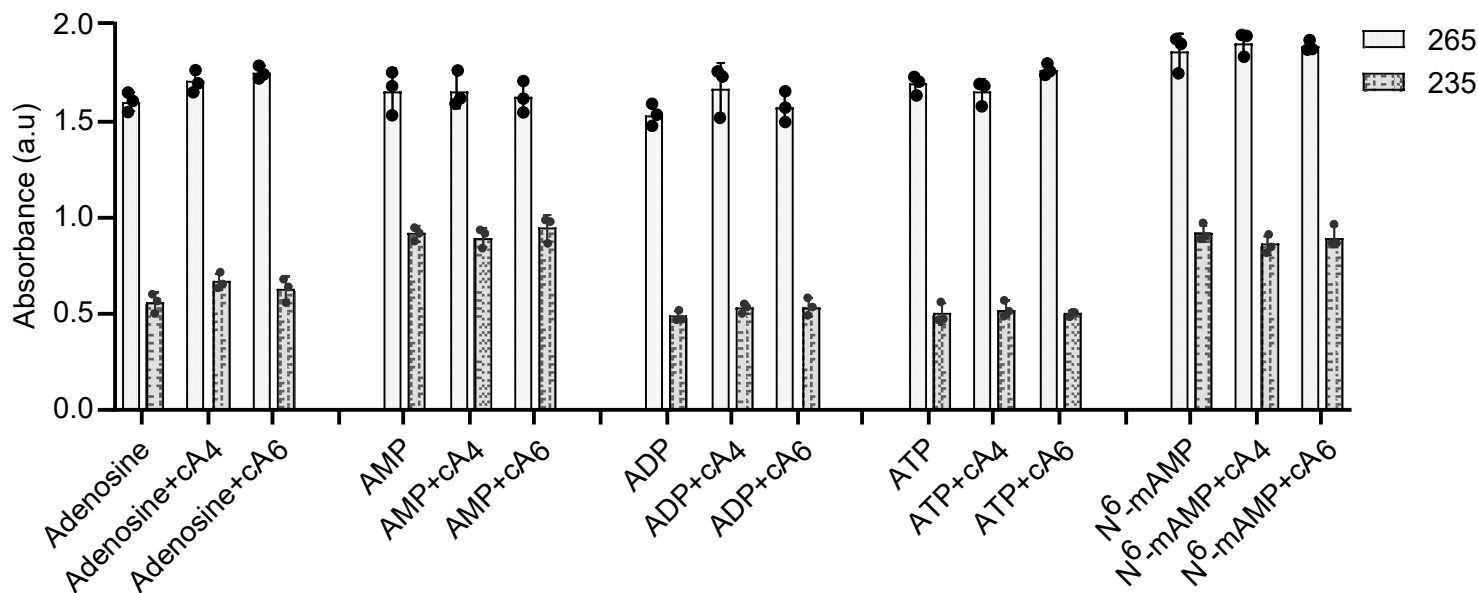
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Figure Source Data Figure 2. Related to Figures 2. UV absorbance analysis of *TaqCad1* deamination activities.

UV absorbance at wavelength 265 and 235 nm measures the characteristic absorbance of adenosine and inosine, respectively. “WT+ATP” indicates the reaction in the absence of any ligand. *TaqCad1*(WT)-mediated reactions were dephosphorylated by calf intestinal alkaline phosphatase following heat deactivation (**A**) Detection of spectroscopic changes by using cA₄ and cA₆ with Adenosine, AMP, ADP, N⁶-methyl-AMP (N⁶-mAMP) and ATP.