

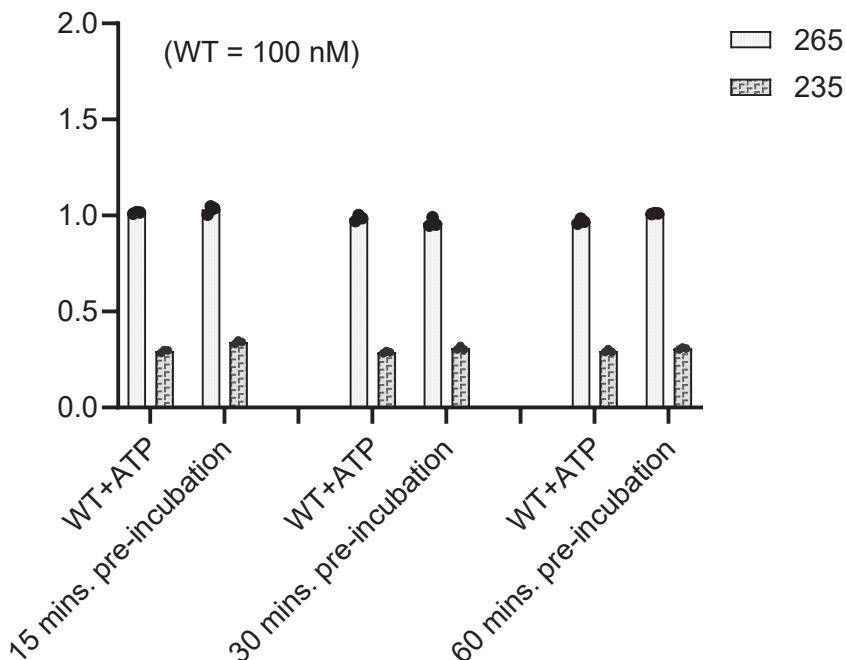
C

Figure Source Data Figure 2. Related to Figure 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 (C) UV absorption measurement results of the reaction of *TaqCad1* with ATP in the presence of ring nuclease products resulted from incubating cA₄ with 100 nM WT *TaqCad1* for 15, 30 and 60 minutes, respectively