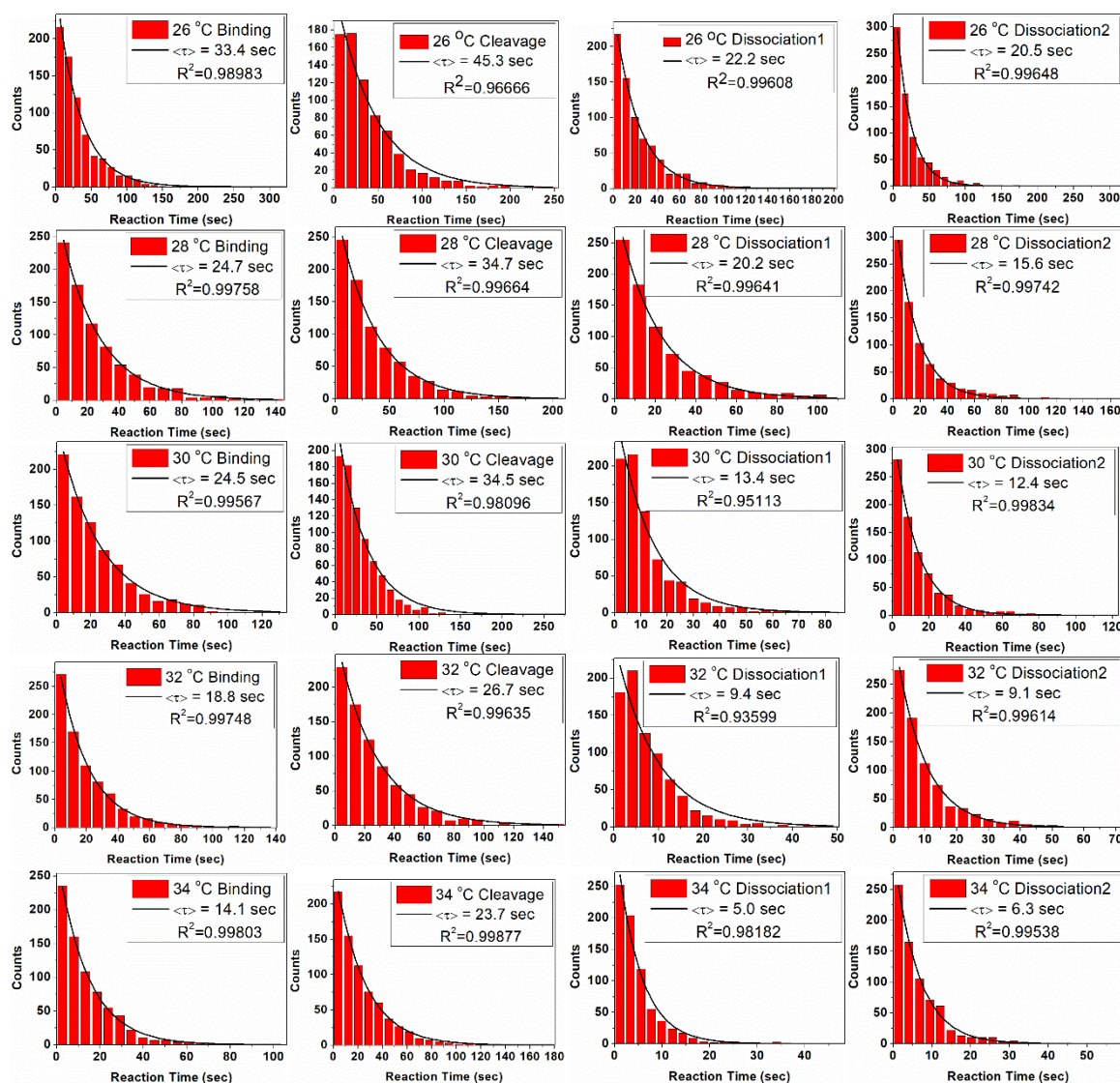


Supplementary Figure 1. Histograms for temperature-dependent experiments

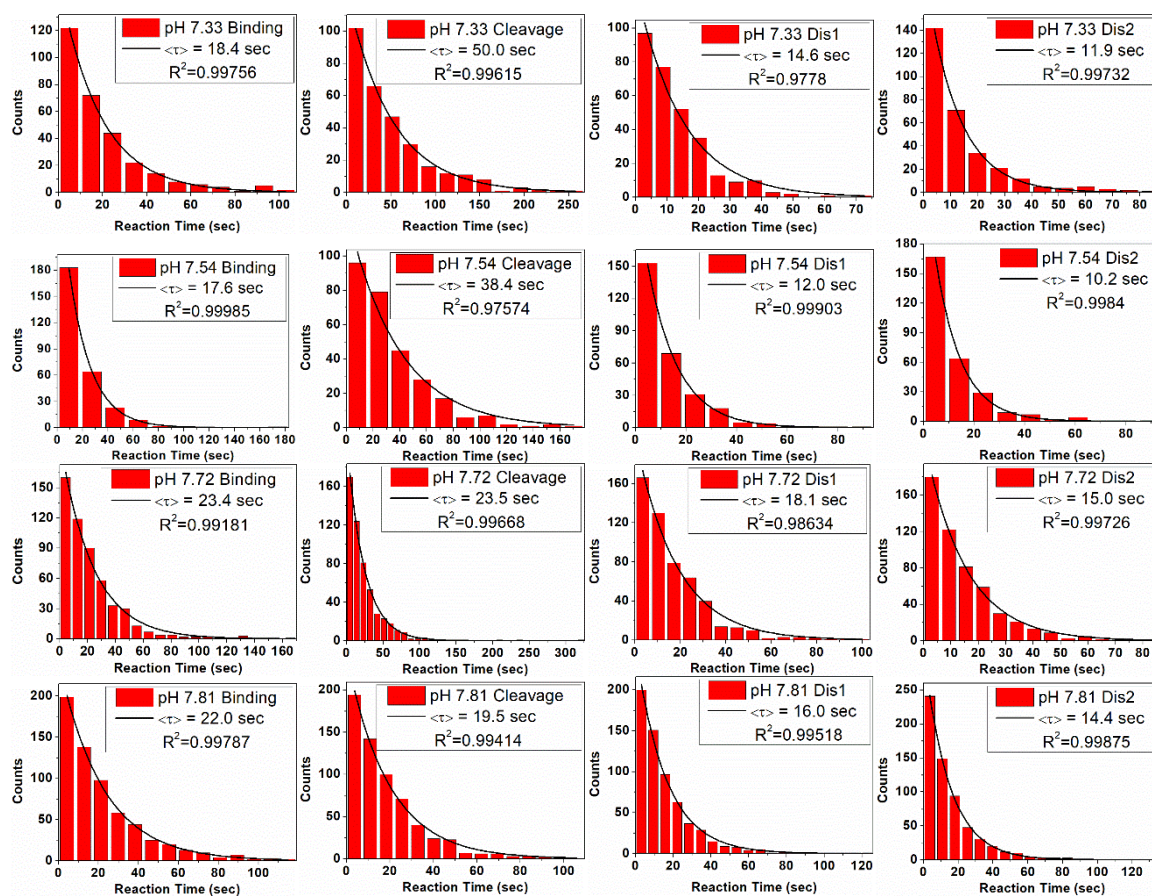
(Fig. 2 in the main text)



Fitting model: Single exponential decay

Program used: OriginPro 8.5

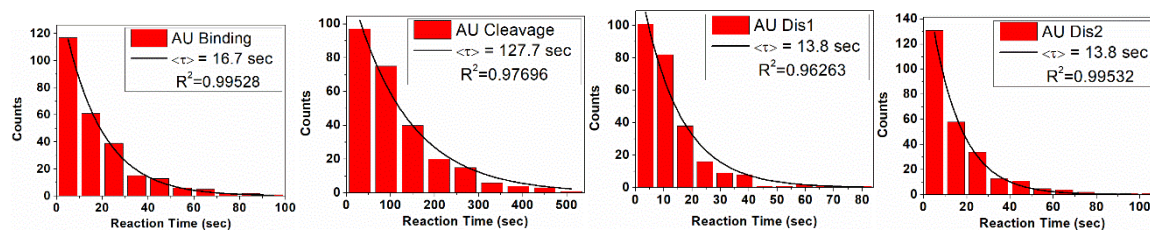
Supplementary Figure 2. Histograms for pH-dependent experiments (Fig. 3 in the main text)



Fitting model: Single exponential decay

Program used: OriginPro 8.5

**Supplementary Figure 3. Histograms for mismatched residue (AU) experiments
(Fig. 4 in the main text)**



Fitting model: Single exponential decay

Program used: OriginPro 8.5