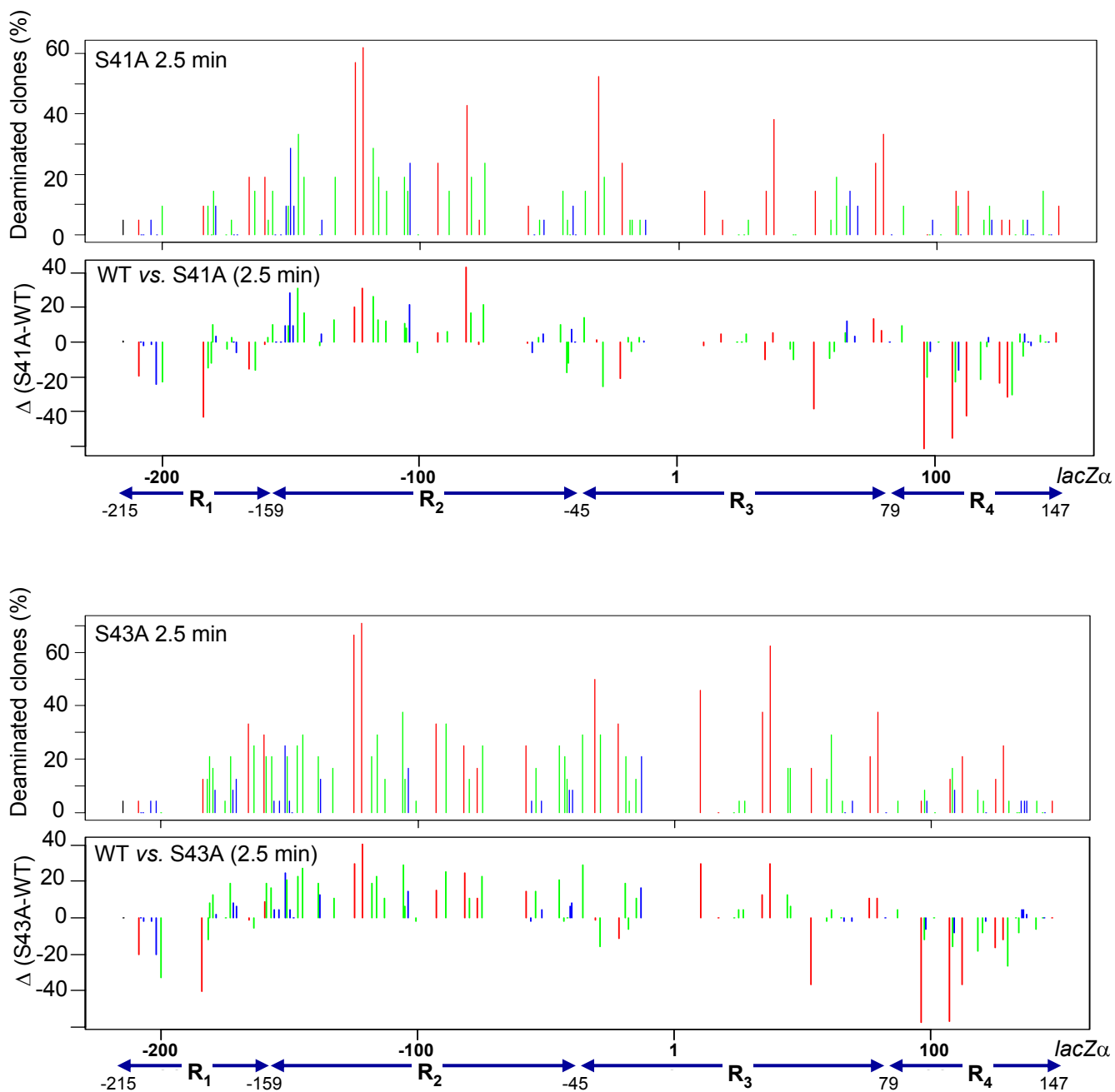


Supplementary Figure 1. Deamination spectra and "difference spectra" of WT AID, S41A and S43A phosphorylation mutant AID



Supplementary Figure 2. The distribution of M13 mutant clones containing C→T mutations in the lacZa reporter sequence (see sketch, Fig. 3a) initiated by WT-AID and S38A AID catalyzed deaminations, following 2.5 min and 10 min incubations

