Figure S1  Comparison of the AP:dG Complex with the Apo and the Editing Complex

Ribbon presentation of the AP:dG complex, color coded with respect to rms deviations to (A) the apo enzyme and (C) the editing complex. Superpositions are based on the Cα atoms of the palm domain and rms deviations for the Cα atoms of the other four domains were calculated using the program RMSPDB (Kleywegt et al., 2001). Gray coloring of the secondary structural elements denotes virtually no changes compared to the respective structure while red color shows maximum domain shifts (see also depicted color code). (B) Superposition of the thumb domains of the AP:dG complex and of the apo enzyme (dark gray) as well as the DNA of the AP:dG complex. (D) Superposition of the AP:dG complex with the editing complex (dark gray). For clarity only the thumb domains and the DNA (green/magenta for the AP:dG complex and yellow for editing complex) are shown.