

Figure 5 – figure supplement 2. **Removal of the active site Mg^{2+} ion does not disrupt R166 positioning.**

Superimposed crystal structures of P_i -bound E322Y AP (yellow, PDB 3DYC), which lacks the active site Mg^{2+} ion, and P_i -bound WT AP (purple, PDB 3TG0).

R166 overlays closely in these structures.

