



Figure 1: Single particle cryo-EM analysis of the ligand-free and ligand-bound preQ₁ riboswitch PEC-U46. (A) Representative cryo-EM image of ligand-free preQ₁-RNAP. (B) 3.6 Å electron density map of ligand-free preQ₁-RNAP. (C) Representative cryo-EM image of ligand-bound preQ₁-RNAP. (D) 3.6 Å electron density map of ligand-bound preQ₁-RNAP.