



Supplementary information Figure S8. Conformational changes of Prp8 during the P-to-ILS1 transition. **a**, Superposition of Prp8 from the P and ILS1 complexes. The RNaseH-like domain from the P and ILS1 complex are colored blue and yellow, respectively. The N-domain and core from the P and ILS1 complexes are colored cyan and grey, respectively. The β -finger is highlighted. In the right panel, a close-up view is shown on the Switch loop and a small molecule that has been tentatively assigned as inositol 1,2,3,4,5,6-hexaphosphate (IP6). **b**, Close-up views of IP6 from the P complex (left panel) and the ILS1 complex (right panel). The cryo-EM density maps for IP6 are shown.