

Supplementary information, Figure S10 Conformational changes of Rpn10 and Rpn11 between proteasome-ATPγS and proteasome-ADP-AlFx. (A) Side and top views of Rpn10 and Rpn11 (model in orange) associated with AAA-ATPase ring (map in grey) in the proteasome-ATPγS map (EMD 2596, PDB ID: 4CR4) [18]. The position of the N-ring pore is indicated by a red star. (B) Side and top views of Rpn10 (model in green) and Rpn11 (model in purple) associated with AAA-ATPase ring (map in blue) in the proteasome-ADP-AlFx map. (C) Side and top views of the overlaid relative models between the two states, indicating their position variation from the ATPγS state to the ADP-AlFx state.