

Description of Additional Supplementary Files

File name: Supplementary Video 1

Description: The flexibility of cytoplasmic periplasmic NqrC subunit. This video shows the periplasmic domain of NqrC adopts two distinct conformations: one in which its hydrophilic domain approaches the NqrD/E subunits, and another in which it shifts toward NqrB.

File name: Supplementary Video 2

Description: The overall structural rearrangement of Na⁺-NQR during catalytic turnover. This video shows how the arrangement of the helices morphs during the catalytic cycle from the complete view of the enzyme.

File name: Supplementary Video 3

Description: The overall structural rearrangement of Na⁺-NQR during catalytic turnover. This video shows how the arrangement of the helices morphs during the catalytic cycle from the cytoplasmic view.

File name: Supplementary Video 4

Description: The overall structural rearrangement of Na⁺-NQR during catalytic turnover. This video shows how the arrangement of the helices morphs during the catalytic cycle from the periplasmic view.

