

Description of Additional Supplementary Files

File name: Supplementary Movie 1

Description: Morph between the distal (PDB 8RMD) and proximal (PDB 8RMC) (NIAUF)₂ conformations, showing the rotation of FDX2 helix F along the NFS1 arginine patch, the movement of the ISCU2 Cys69-loop, and the interaction of the C terminus of FDX2 with NFS1 in the proximal conformation.