

Description of Supplementary Files

File name: Supplementary Movie 1

Description: Structural changes in the (NIA)₂ complex upon ISCU binding. NFS1, ISD11, ACP and ISCU are shown in orange, magenta, green and blue, respectively. Initial view shows the conformation of the (NIA)₂ complex found in the crystal. Upon ISCU binding (flying in from bottom left and top right) the (NIAU)₂ complex is formed and rigidifies by making a rotation around Pro71 of NFS1 (see Fig. 2a). This state represents the conformation found in the crystal of the (NIAU)₂ complex. Subsequent dissociation of ISCU relaxes the complex again and the (NIA)₂ proportion rotates back to the initial conformation.