**Movie EV1. Overall cryo-EM map of lipid (nanodisc)-bound soluble myoferlin (residues 1-1997).**

The overall cryo-EM map of myoferlin (residues 1-1997) bound to an MSP2N2 nanodisc (comprising 25 mol% DOPS and 5 mol% PI(4,5)P2) has been coloured after the modelled domains. To better visualize the ordered nanodisc density, the map has been superimposed on a low-pass filtered (to 8 Å) cryo-EM density map (grey).