

S2 Fig A: The His-tag on one monomer at left (blue C chain), the β -OG molecule (yellow C chain), the nickel atom (green sphere) and a xenon (S3 site - pink sphere), are shown. They are observed parallel to the 136-146 helix in the buoy domain, and are responsible of breaking the three-fold symmetry at this level of the trimer. B: Crystal packing of OprN in the I4 space group showing the perpendicular interaction of two channels responsible of the non-equivalence observed at site S3.

