





Supplementary Figure S3. 3D structural conformation of the cofactor coordination residues present in the structure of LOXs from *S. marinoi* (A), *P. arenysensis* (B), *P. tricornutu* (C), *F. cylindrus* (D), *A. glacialis* (E), *Bellerochea sp.* (F), *C. debilis* (G), and from *P. dubia* (H).