



STRUCTURAL
BIOLOGY

Volume 73 (2017)

Supporting information for article:

Structural study of the X-ray-induced enzymatic reduction of molecular oxygen to water by *Steccherinum murashkinskyi* laccase: insights into the reaction mechanism

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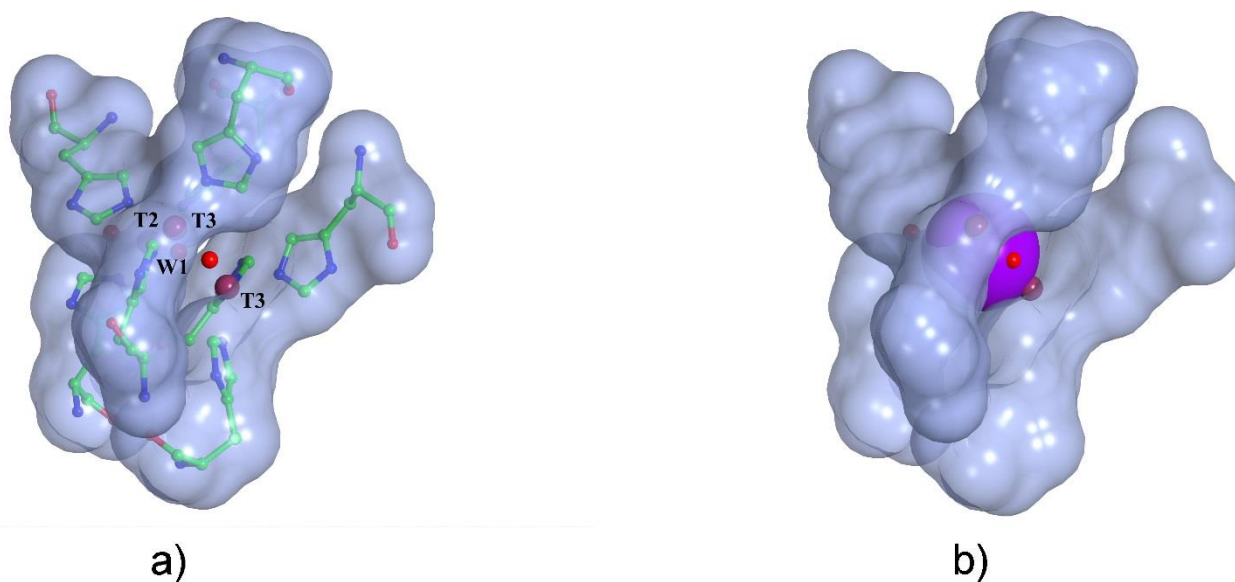


Figure S1 Atomic environment of the TNC. (a) The Van der Waals surface around the TNC is shown in transparent lilac-grey. The copper ions are shown as purple spheres; oxygen ligands as red spheres. (b) The same picture with central oxygen ligand W1 shown as a purple sphere of the mean water molecule radius (1.4 Å). The only TNC entrance is between the two T3 copper ions.

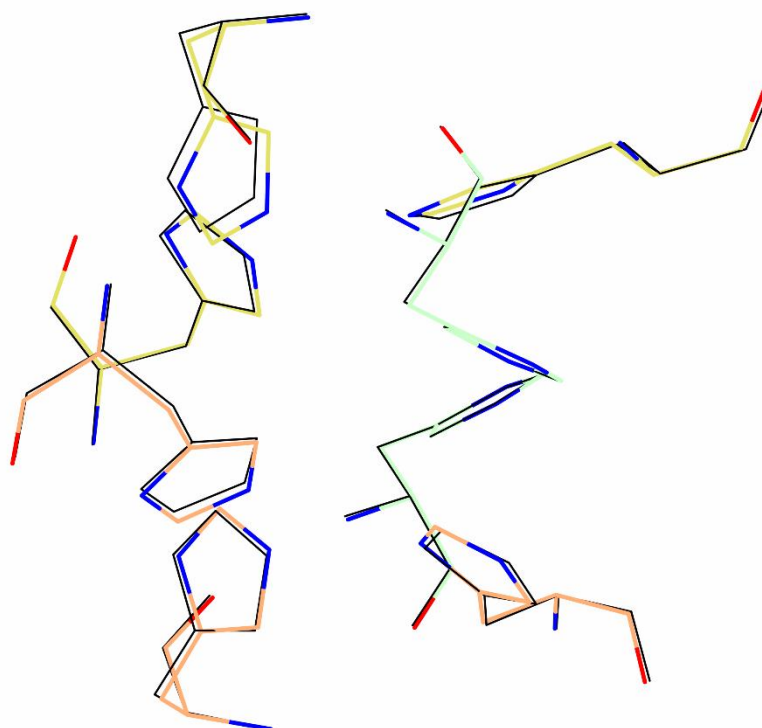


Figure S2 The protein parts of the TNC for the first and sixteenth structures superimposed by their atoms. The sixteenth structure bonds are colored as in Fig. 2. The first structure bonds are shown as black lines.