Supplementary Materials: Comparative Sequence Analysis of TRI1 of Fusarium

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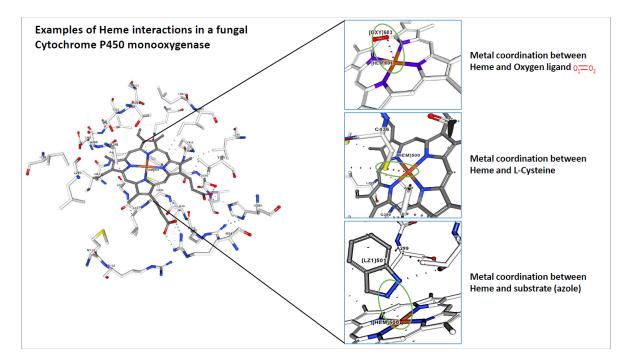
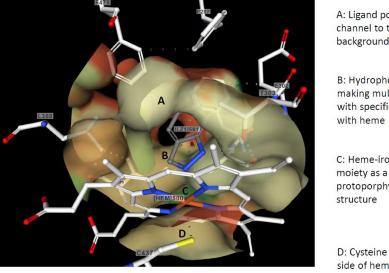


Figure S1. Examples of heme interactions in a fungal cytochrome P450 monooxygenase.

Example of ligand binding relative to heme moiety PDB code: 3E6I

Partial 3D structure: Cytochrome P450 bound to Indazole substrate



A: Ligand pocket housing substrate above heme; a channel to the protein surface is shown in the background B: Hydrophobic substrate making multiple contacts with specific residues and with heme C: Heme-iron molety as a protoporphyrin ring structure D: Cysteine amino acid residue located on the axial side of heme and in metal interaction with iron

Figure S2. Example of substrate/ligand binding relative to heme moiety.