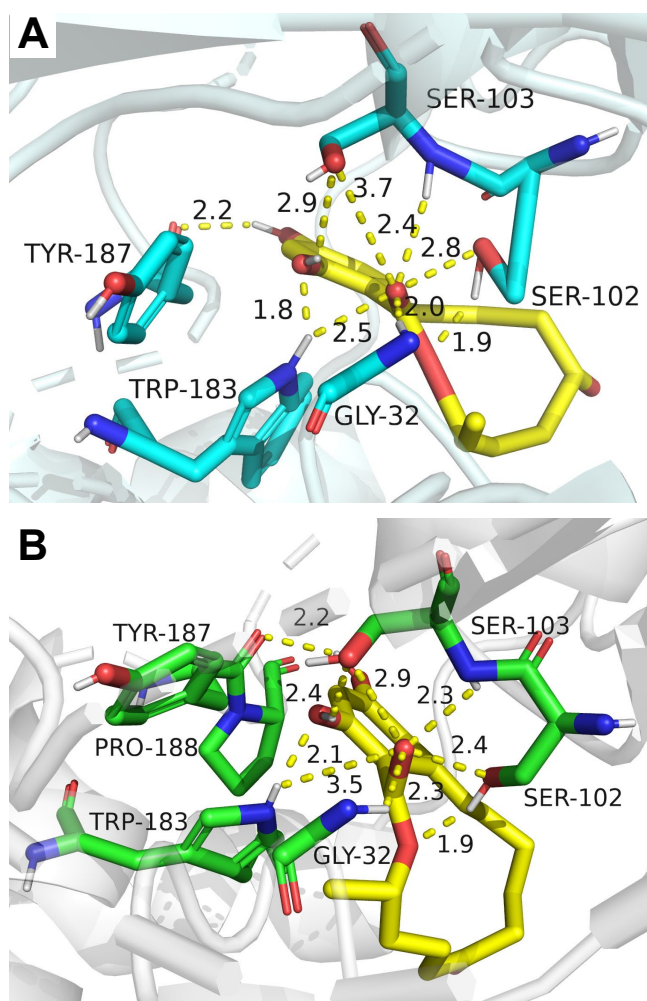




Additional file 2: The superimposed structures of ZEA and the amino acid residues of ZHDR52 (A) and ZHDP83 (B). The amino acid residues (cyan or green) and ZEA (yellow) are shown as stick models. Dashed lines indicate hydrogen bonding, and the distances are indicated.