

1 Supplementary figure 1 3D structure of α -glucosidase and a summary of the
2 homology modelling parameters.

3 Supplementary figure 2 Ramachandran plot of KIT model by PROCHECK. 91.3%
4 residues in favorable regions (Red); 8.5% residues in additional allowed regions
5 (Yellow); 0.1% residues in generously allowed regions (Brown); 0.1% residues in
6 disallowed regions (White).

7 Supplementary figure 3 The corresponding surface structure of enzyme-substrate
8 complex with piceatannol. The blue one is *p*NPG (Substrate); The green one is
9 piceatannol (Inhibitor).

10 Supplementary figure 4 2D interaction diagram of enzyme-substrate complex with
11 *p*NPG (H-bonds are represented as green dotted line)

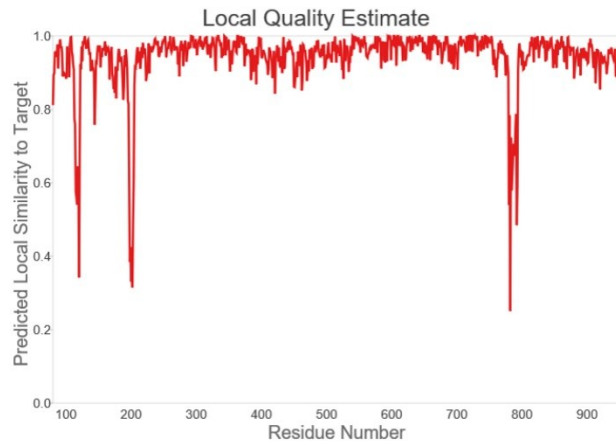
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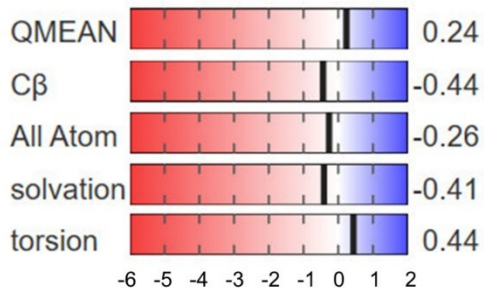
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1 Supplementary figure 1

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Z-score



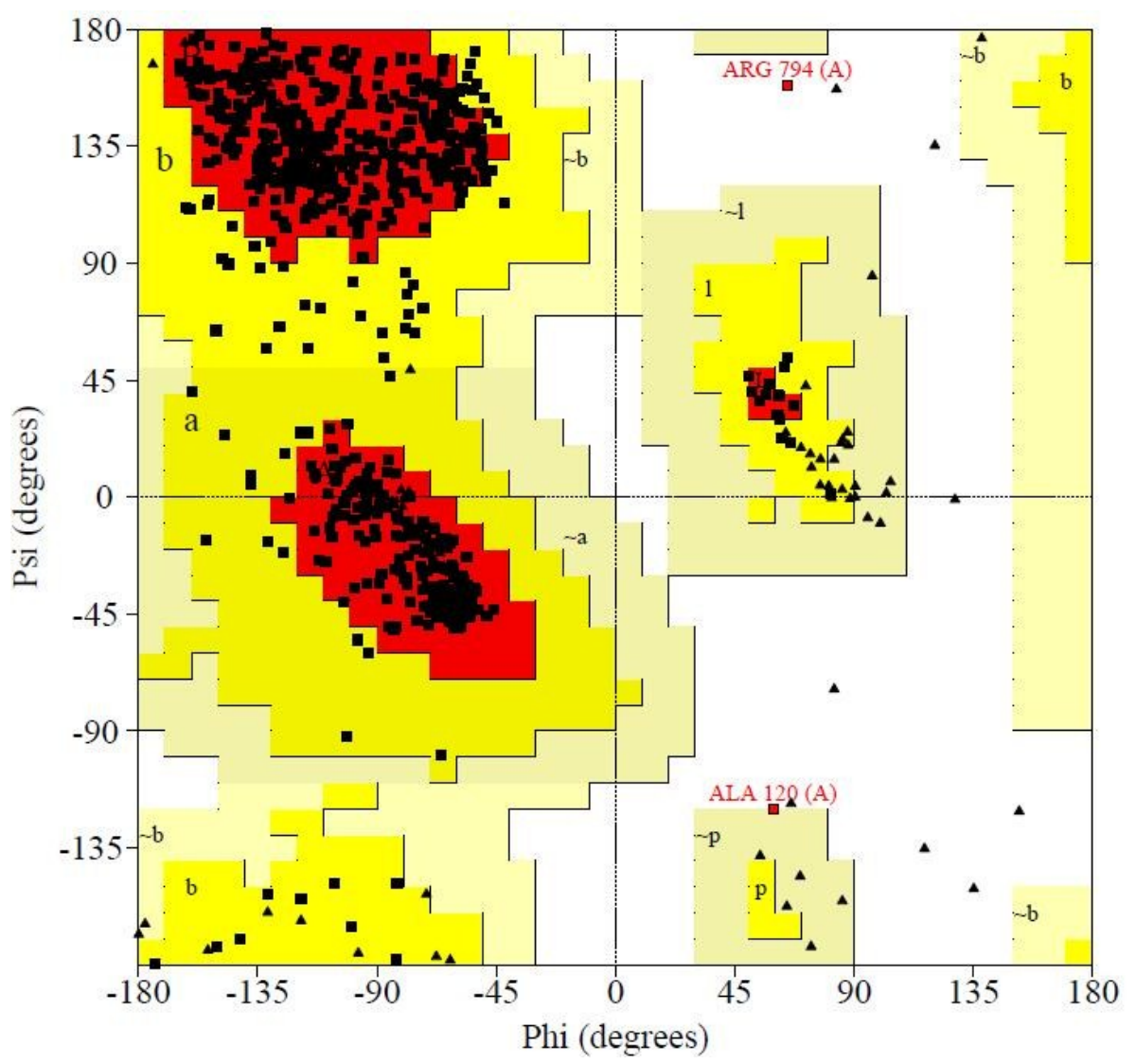
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1 Supplementary figure 2

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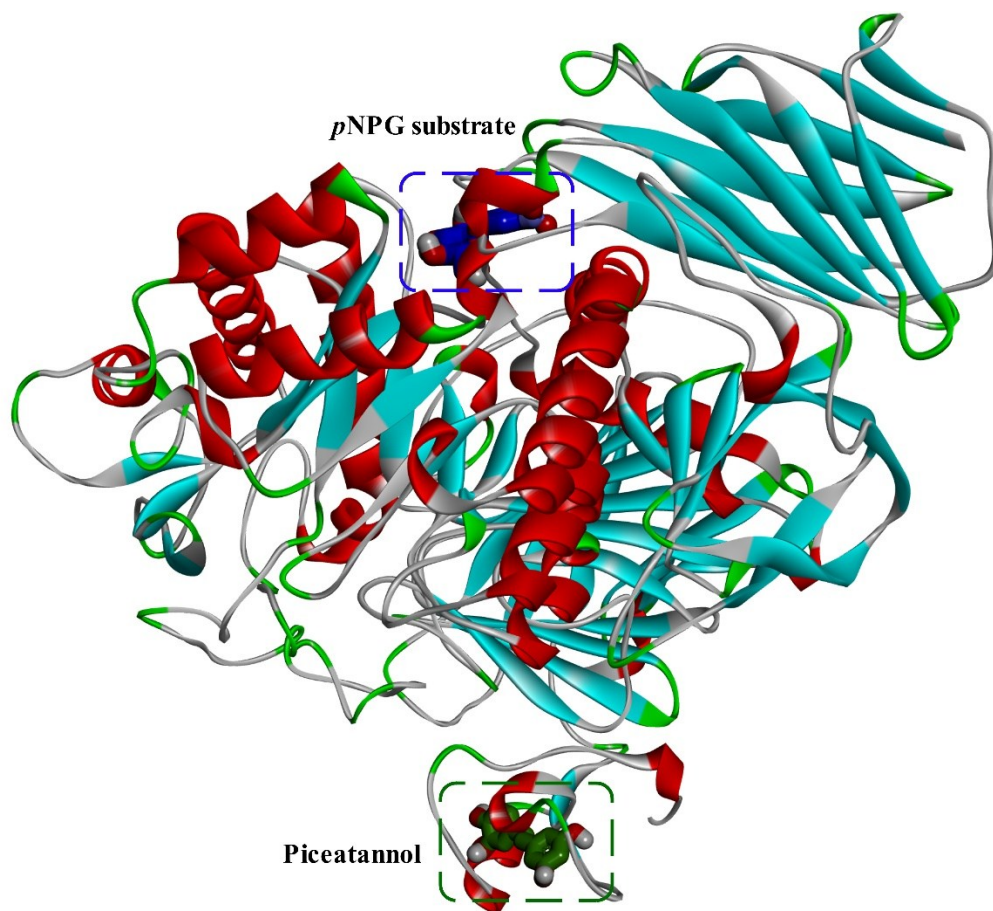
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1 Supplementary figure 3

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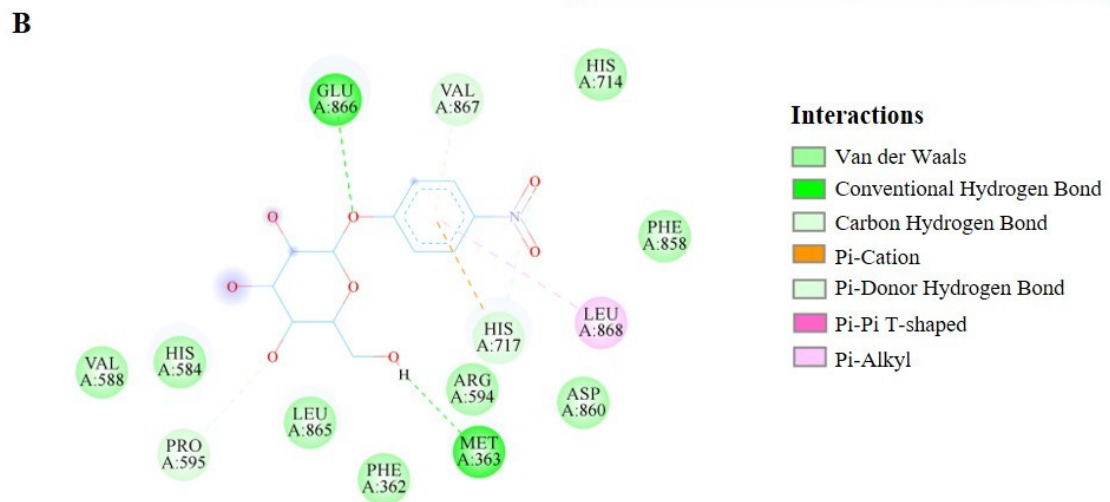
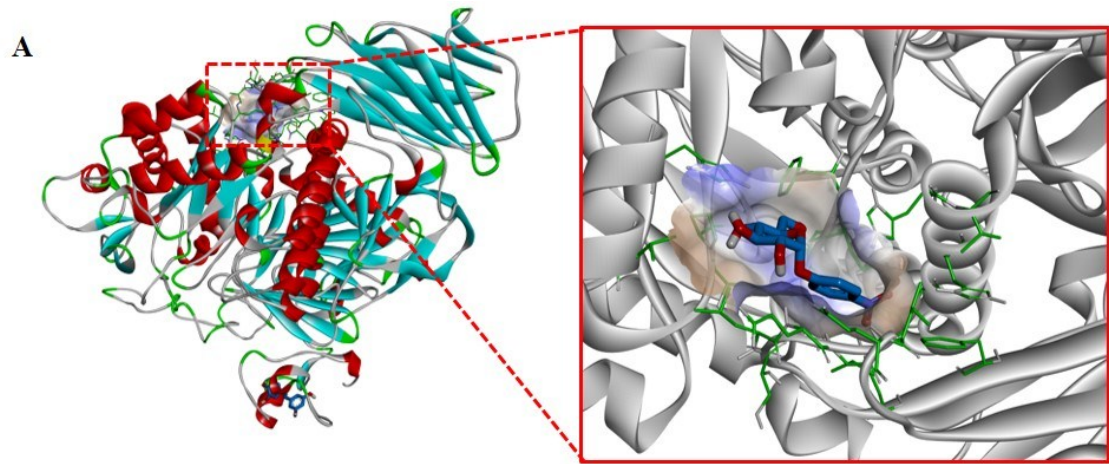
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1 Supplementary figure 4

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