Supplementary Material

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XynDZ5: A new thermostable GH10 xylanase

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Supplementary Figures



Supplementary Figure 1. SDS-PAGE analysis of purified XynDZ5. Protein bands were visualized by Coomassie staining. L1: molecular weight marker; L2: purified His-Tagged XynDZ5 (50.8 kDa).



Supplementary Figure 2. Schematic representation of the modeled XynDZ5 3D structure. The predicted catalytic dyad E183 and E288, as well as the cysteine and tryptophan residues lying in the environment of catalytic site W104, W140, W178, W344, W345 are shown in ball-and-stick representation. *a*-Helices and β -sheets are shown in salmon and green, respectively. In grey the coiled areas and a non-modeled structure connected via a linker with the main enzyme are shown.