Supplementary Material

Accessory domain changes accessibility and molecular topography of the catalytic interface in monomeric GH39 β-xylosidases

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Table S1: CcXynB2 activity on different xylooligosaccharides.

Oligosaccharides	CcXynB2 (-)	CcXynB2 (+)
Xylopentaose	100%	193 ± 7.2%
Xylotriose	100%	169 ± 8.1%
Xylobiose	100%	167 ± 6.9%

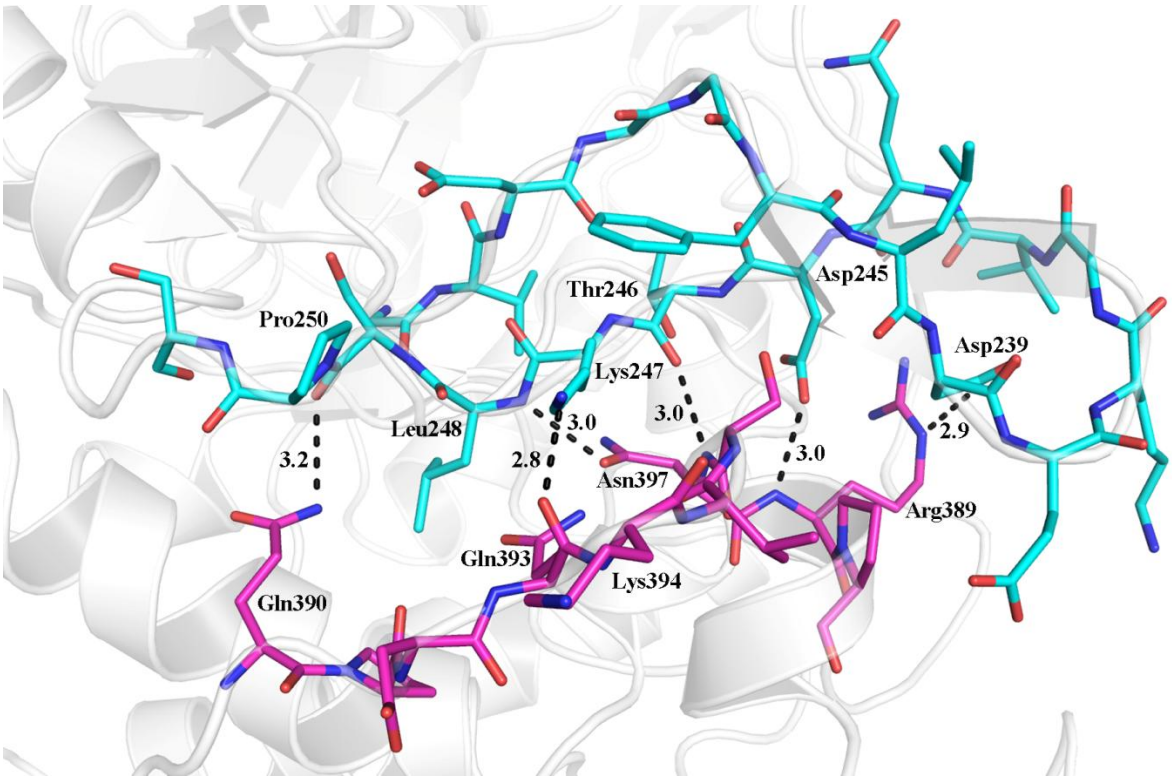

Figure S1: Interactions between the long α-helix-containing loop (magenta) and the catalytic β-hairpin motif (light blue).

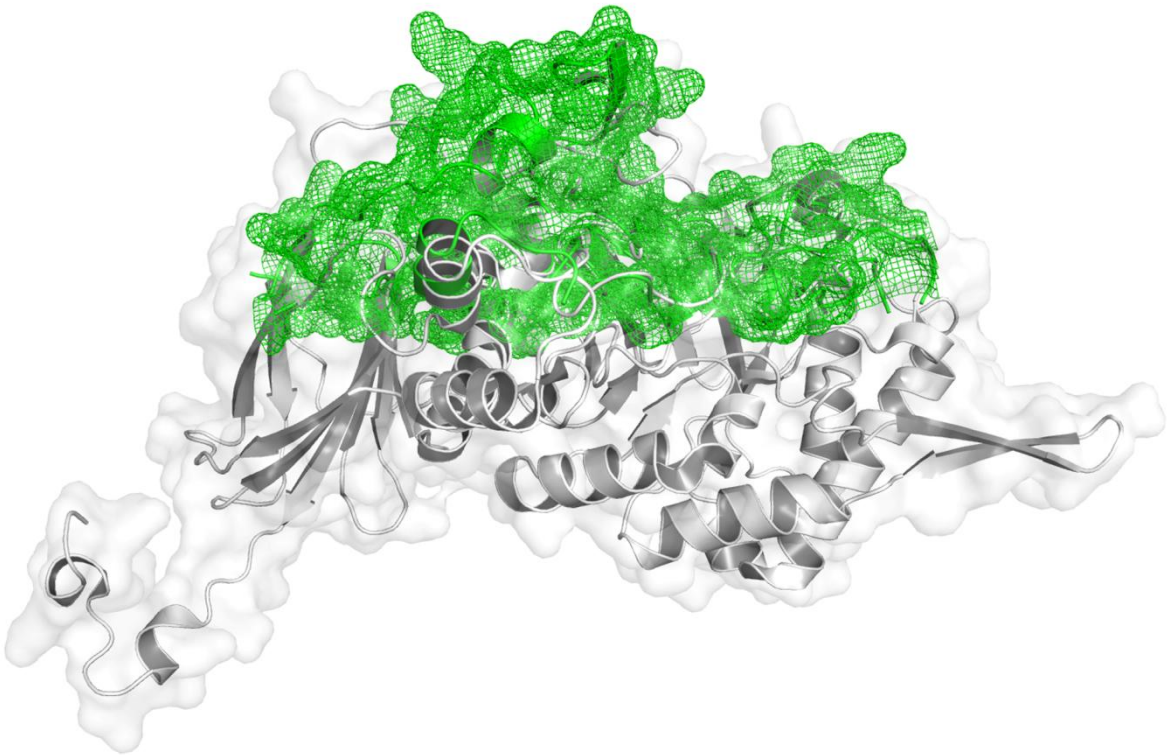

Figure S2: Differences in the molecular topography between CcXynB2 (green mesh) and TsXynB (grey surface).

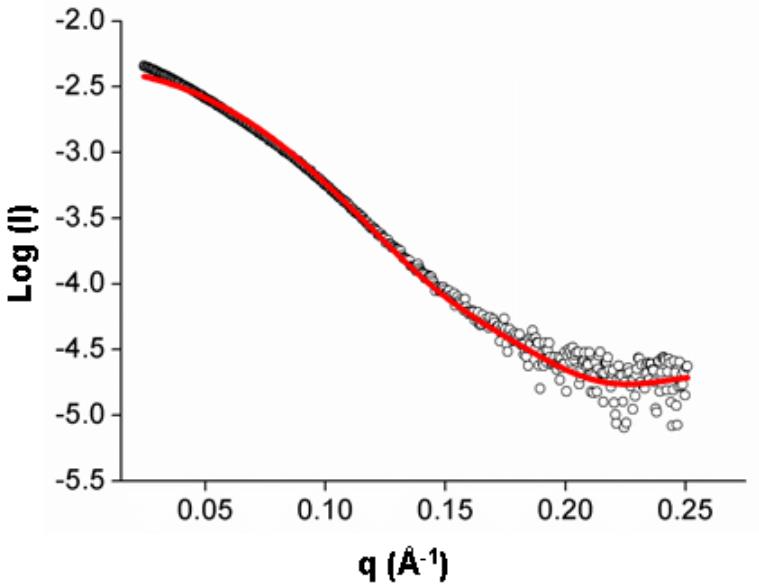

Figure S3: Fitting of the theoretical scattering curve (red line) from the crystallographic structure on the experimental scattering curve (black circles).