



STRUCTURAL
BIOLOGY

Volume 77 (2021)

Supporting information for article:

Glycoside hydrolase family 5: structural snapshots highlighting the involvement of two conserved residues in catalysis

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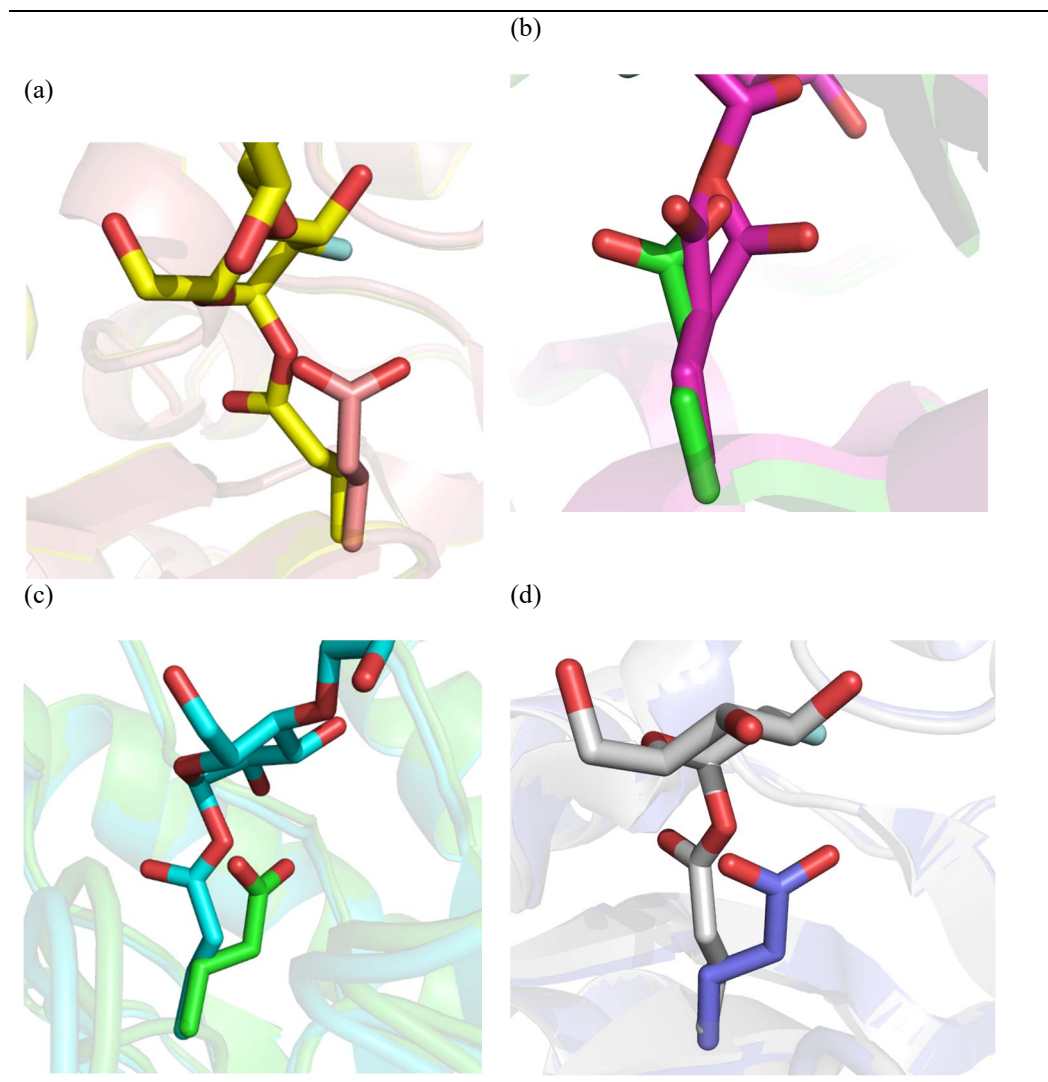


Figure S1 (A) Cel5A from *Bacillus agaradhaerens*, close-up view of the Glu_{NUC} in the unlinked form (pink) (PDB ID: 1QI0) and covalently linked with 2',4'-dinitrophenyl 2-deoxy-2-fluoro- β -D-cellotriside (yellow) (PDB ID: 1QI2). (B) Cel5A from *Bacillus agaradhaerens*, close-up view of the Glu_{NUC} in the unlinked form (green) (PDB ID: 1A3H) and covalently linked with 2-deoxy-2-fluoro- β -D-cellotrisyl (violet) (PDB ID: 1H11). (C) Endo-glyceramidase II from *Rhodococcus sp* close-up view of the Glu_{NUC} in the unlinked form (green) (PDB ID: 2OSW) and in the Lactosyl-Enzyme Intermediate (blue) (PDB ID: 2OSY). (D) endo-xyloglucanase from *Cellvibrio japonicus* close-up view of the Glu_{NUC} in the unlinked form (dark blue) (PDB ID: 5OYC) and covalently linked with 2-deoxy-2-fluoro- α -D-glucopyranose (grey) (PDB ID: 6HAA).