Thiomidoyl glycosides hydrolysis by glycoside hydrolase require remote activation for efficient activity

Laure Guillotin¹, Zeinab Assaf¹, Salvatore G. Pistorio², Pierre Lafite¹, Alexei V. Demchenko² and Richard Daniellou^{1,*}

- ¹ ICOA, Université d'Orléans, CNRS, UMR 7311, BP6759 Rue de Chartres, F-45067 Orléans Cedex 2, France.
- ² Department of Chemistry and Biochemistry, University of Missouri St. Louis, One University Boulevard, St. Louis, Missouri 63121, USA.

Supplemental figure

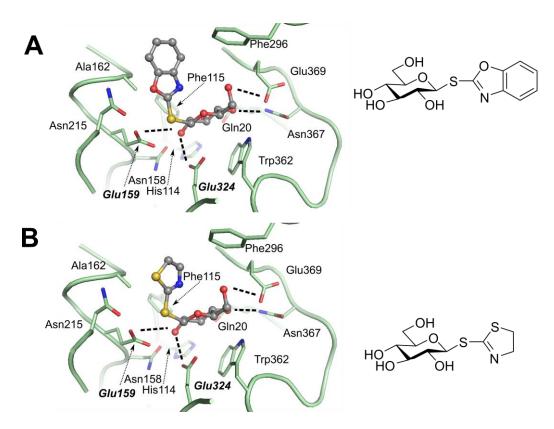


Figure S1. Model of docked GlcSBox (A) and GlcSTaz(B) in *Dt*Gly active site. Residues surrounding the ligand binding pocket are depicted as sticks. For clarity purposes, hydrogens are not represented. Catalytic residues Glu159 (acid/base) and Glu324 (nucleophile) are highlighted in bold. H-bonds are indicated as dashed lines.