



Figure S4: Active site representation of RmCE (PDB: 3WKG) containing docked galactose (element=blue) as substrate. Side-chain residues making polar contacts with the substrate (R66, N196, H200, H259, E262, H390) and the mutagenesis targets (Y124, Y307, W321, W385) are displayed and colored by element green. The same residues are responsible for substrate binding in comparison to the glucose moiety of cellobiose.