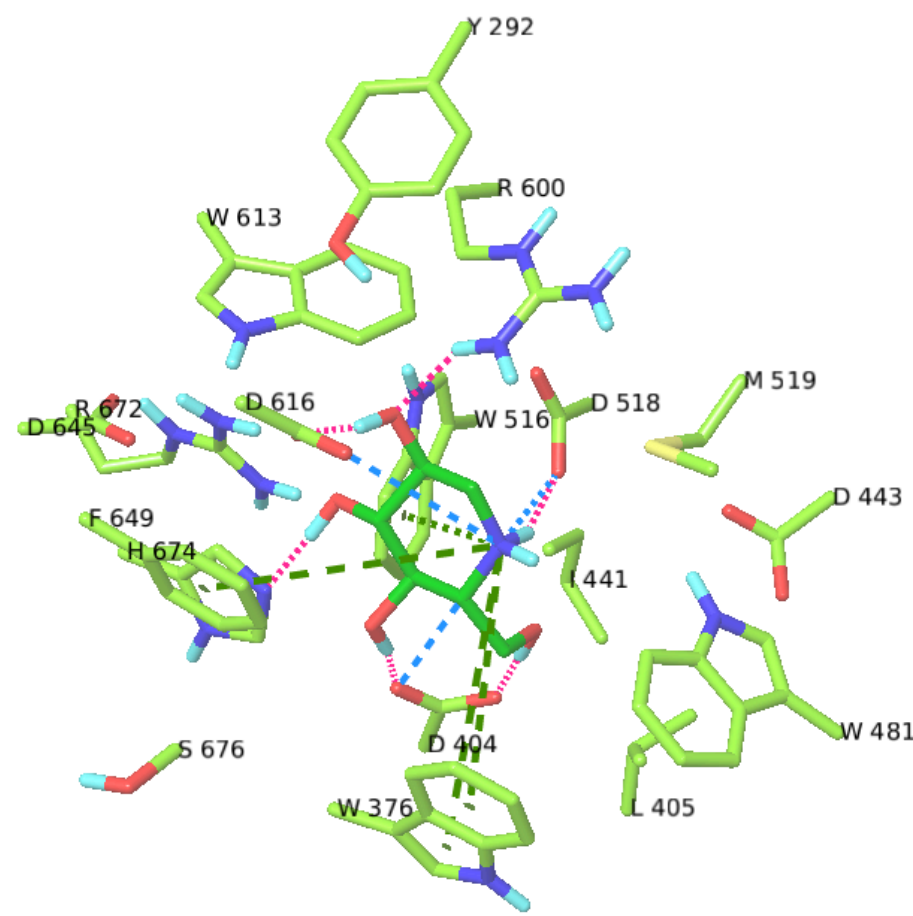
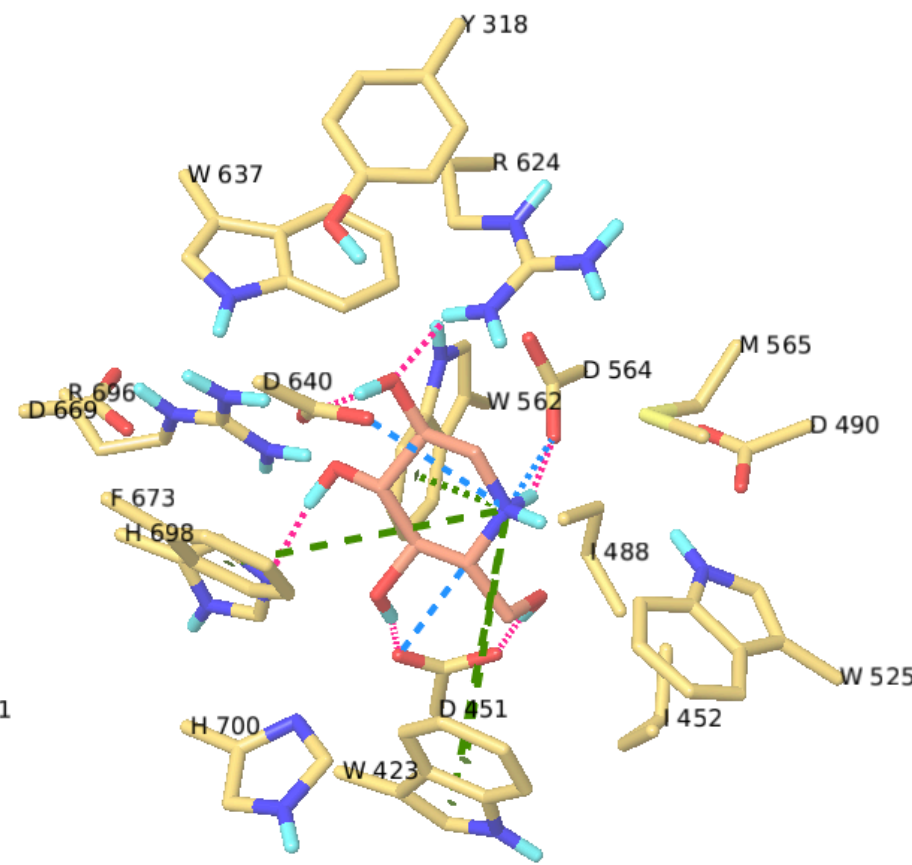


# Supporting Information S1



GAA (PDB ID: 5NN5)



ER  $\alpha$ -glucosidases (PDB ID: 5IEE)

ligand :1-deoxynojirimycin

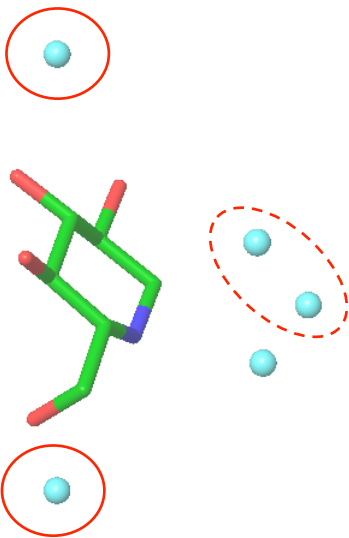
red dotted line: hydrogen bonds, blue dashed line: ionic, green dashed line: cation- $\pi$

## Support Info

Interactions of 1-deoxynojirimycin with GAA and ER  $\alpha$ -glucosidase.

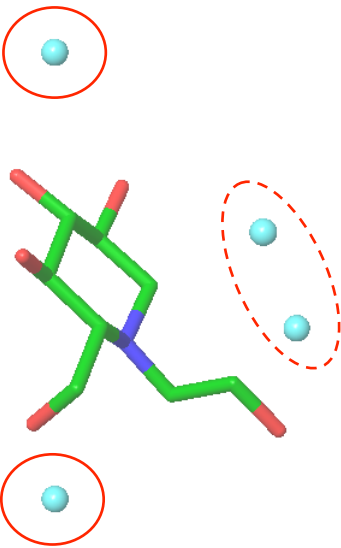
Supporting Information S2

PDB ID: 5NN5



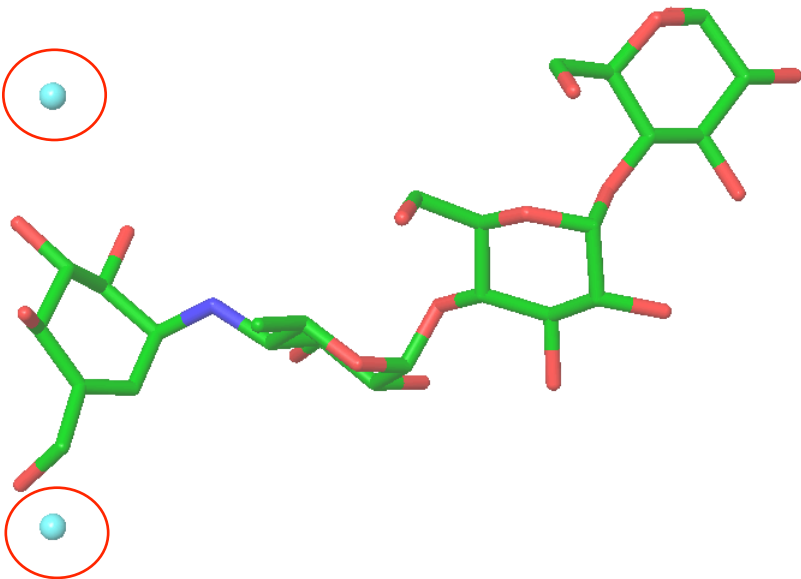
1-deoxynojirimycin

PDB ID: 5NN6



miglitol

PDB ID: 5NN8



acarbose

Support Info

Water molecules found in the ligand-binding site.

The water molecules surrounded by dashed circles were used for the docking analyses.