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Supporting information for article:

**Mosquito-larvicidal binary toxin receptor protein (Cqm1):
crystallization and X-ray crystallographic analysis**

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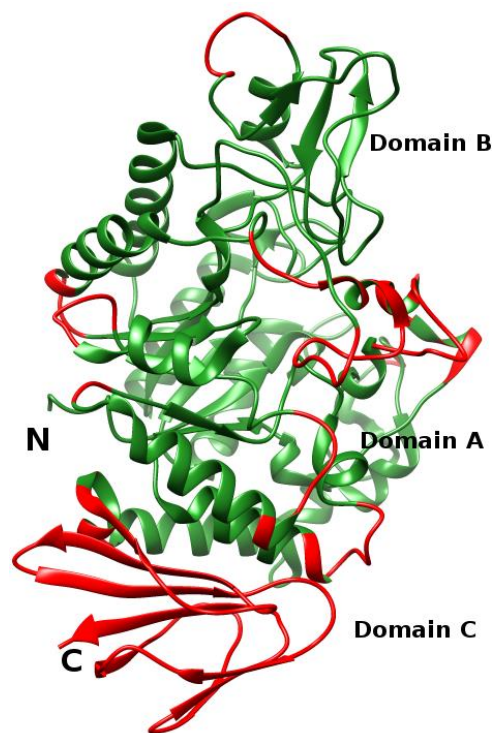


Figure S1 Ribbon model of α -glucosidase (PDB code: 3WY1) used as search model in MR calculation. The residues used in the MR calculations are shown in green and residues deleted from the list of atomic coordinates are shown in red color. The N-, C-termini and domains A, B and C of α -glucosidase are marked in the Figure. Figure was drawn with Chimera.

Table S1 List of 29 different sugar ligands used during the DSF analysis.

S. no.	Sugar name	Melting Temperature (T_m) ($^{\circ}\text{C}$)
	Cqm1 in buffer B	53.8
1	D-arabinose	53
2	L-arabinose	52.5
3	D-ribose	52.5
4	D-fructose	52.5
5	D-maltose	52.5
6	D-mannose	52.5
7	D-galactose	53
8	D-glucose	52.5
9	L-sorbose	52.5
10	D-raffinose	52.5
11	L-fucose	52.5
12	L-rhamnose	53
13	Methyl- α -D-mannopyranoside	52.5
14	Methyl- β -D-glucopyranoside	52.5
15	Methyl- α -D-glucopyranoside	52.5
16	Myo-Inositol	52.3
17	Adonitol	52.3
18	D-trehalose	52.3
19	D-melibiose	52.5
20	D-melizitose	52
21	β -D-gentiobiose	52.5
22	D-Lactose	52
23	Methyl- α -D-galactopyranoside	52.5
24	Methyl- β -D-galactopyranoside	52.3
25	N-acetyl-D-glucosamine	52.5
26	N-acetyl-D-galactosamine	52.5
27	N-acetyl-D-neuraminic acid (Sialic acid)	53
28	N-acetyl-D-lactosamine	52.5
29	N-acetyl-D-mannosamine	52.5