

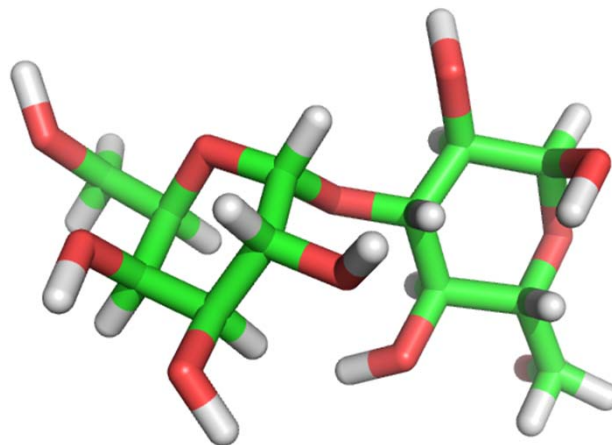
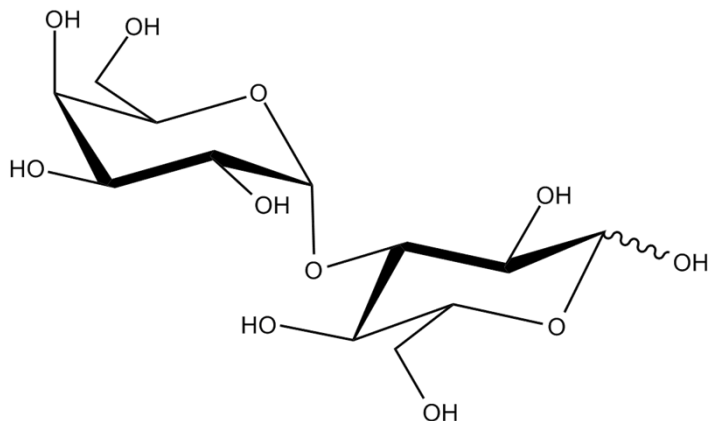
$\alpha$ -D-Galp 1-3 D-Glcp



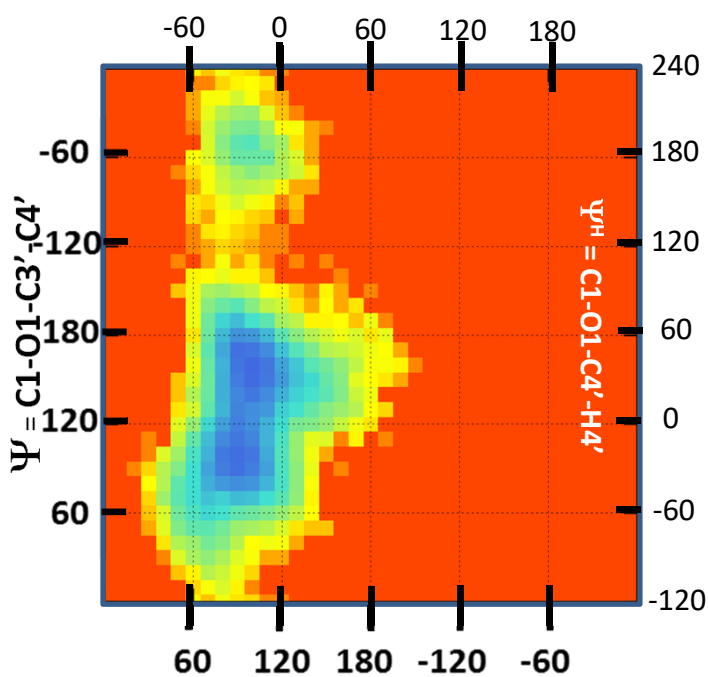
$\alpha$ 1-3



Gal  $\alpha$ 1-3 Glc



$\Phi^H = \text{H1-C1-O1-C3}'$



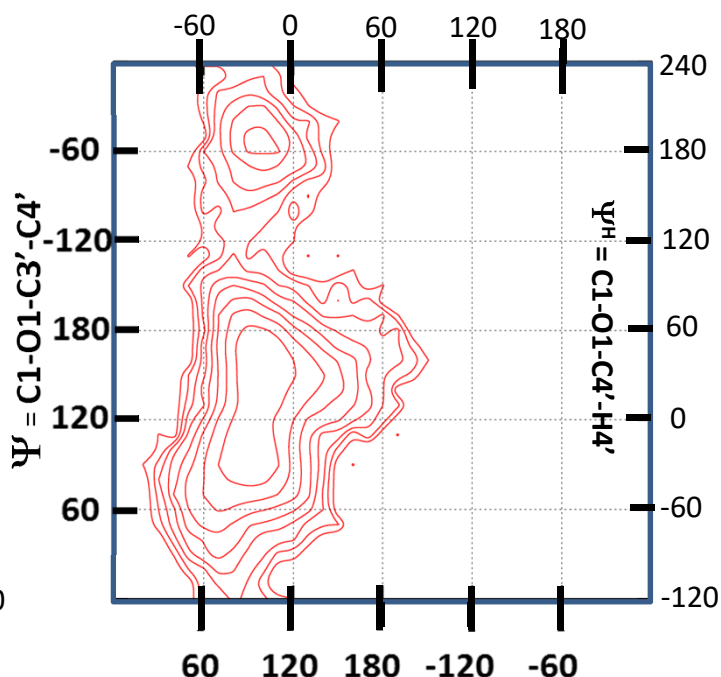
$\Phi = \text{O5-C1-O1-C3}'$

Conf 1 ( $\Phi, \Psi$ ) = 90; 160

Conf 2 ( $\Phi, \Psi$ ) = 80; 90

Conf 3 ( $\Phi, \Psi$ ) = 90; -60

$\Phi^H = \text{H1-C1-O1-C3}'$



$\Phi = \text{O5-C1-O1-C3}'$

Conf 1 ( $\Phi^H, \Psi^H$ ) = -30; 40

Conf 2 ( $\Phi^H, \Psi^H$ ) = -40; -30

Conf 3 ( $\Phi^H, \Psi^H$ ) = -30; 180