

Supplementary Table 1

Water-mediated interactions in the SV2C glycan–HcA interface

Water #	Distance (Å)	Water #	SV2C N559-glycan	HcA (or SV2C)
W1	3.15	W2		
	3.04			F953 [N]
	3.04			N954 [N]
	2.79			S957 [OG]
	2.97			D1062 [OD2]
W2	2.90		NAG603 [O7]	
	2.67			D1062 [OD2]
	2.76			R1065 [NH2]
W3	2.62		NAG603 [O3]	
	3.15		BMA604 [O6]	
	2.77			H1064 [O]
W4	2.84		FUC601 [O2]	
	3.39		NAG602 [O6]	
	2.70		NAG603 [N2]	
	2.66			D1289 [O]
W5	2.61		FUC601 [O2]	
	3.40		FUC601 [O3]	
	2.69			D1289 [OD1]
W6	2.79	W7		
	2.66			Y1155 [OH]
	2.84			D1288 [O]
	3.02			G1292 [N]
W7	2.84		FUC601 [O4]	
	3.38		FUC601 [O5]	
	2.60			E1293 [O]
W8	3.32		NAG602 [O7]	
	2.80			D539 [OD2] – SV2C
W9	2.95	W10		
	2.96			F953 [O]
	2.67			T1145 [OG1]
	3.12			N559 [OD1] – SV2C
W10	2.36		NAG602 [N2]	