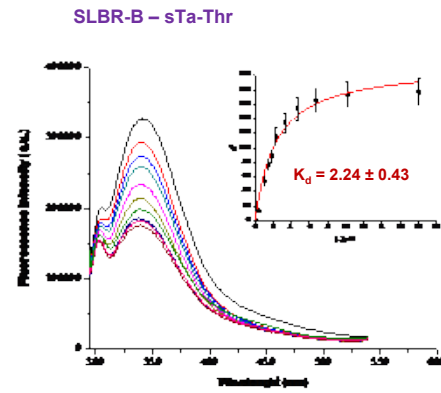


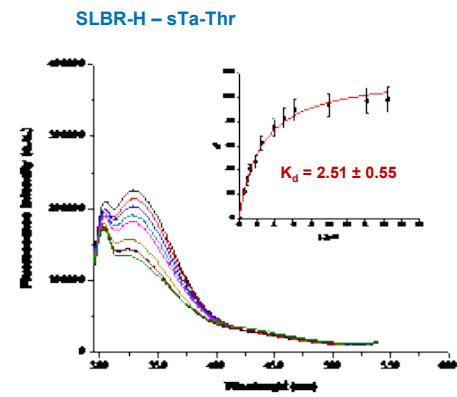
Supporting Figures

Figure S1

a



b



c

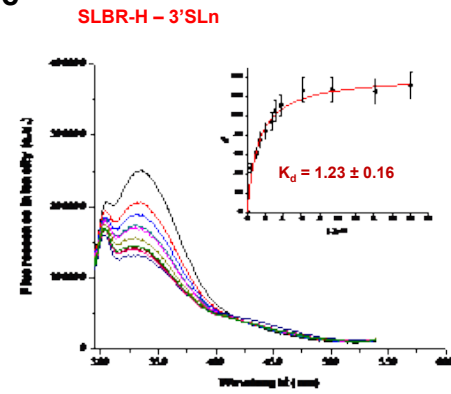


Figure S2

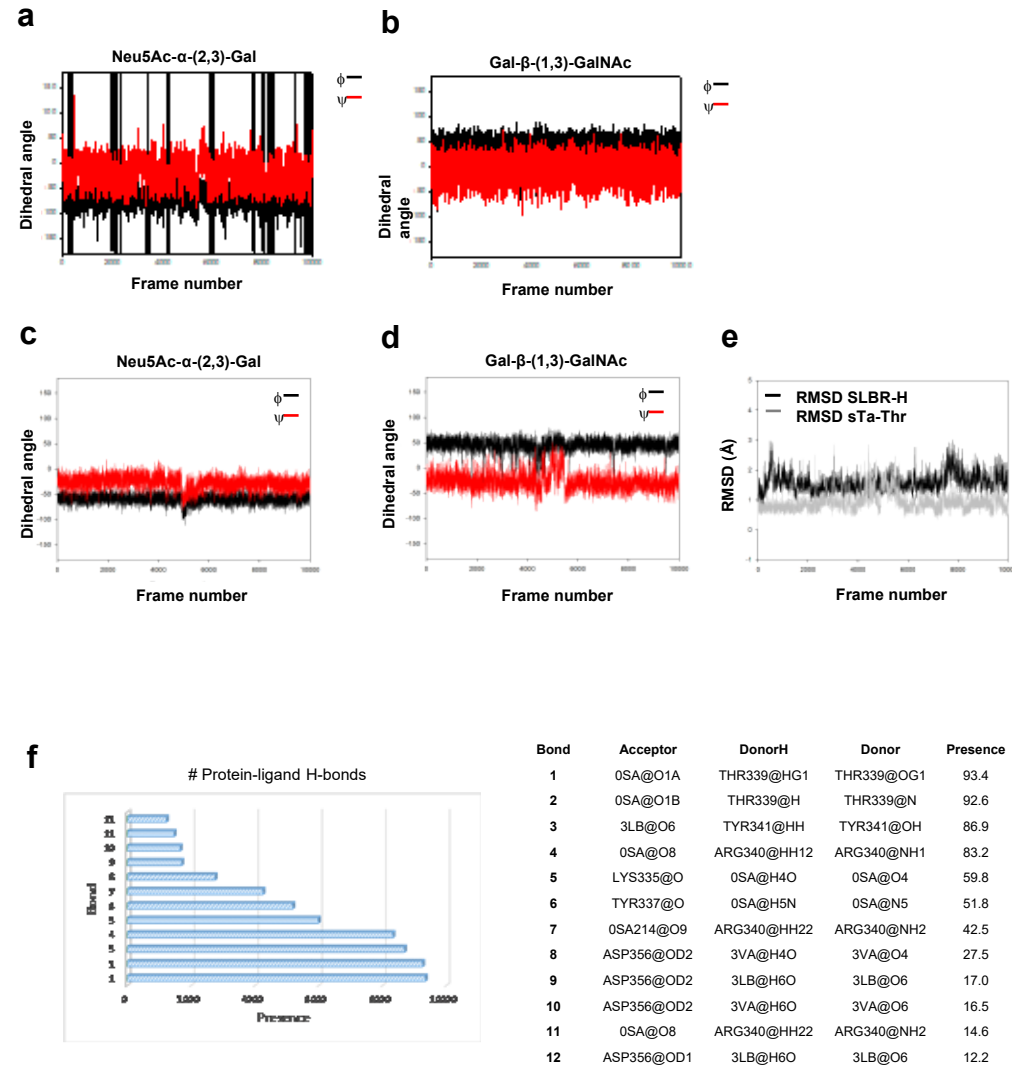
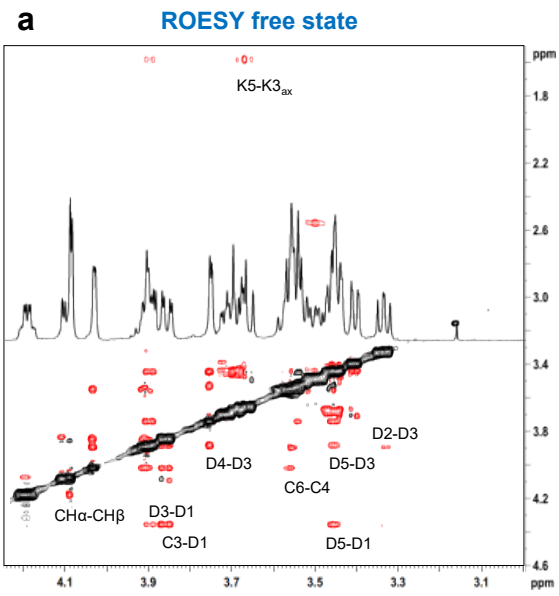
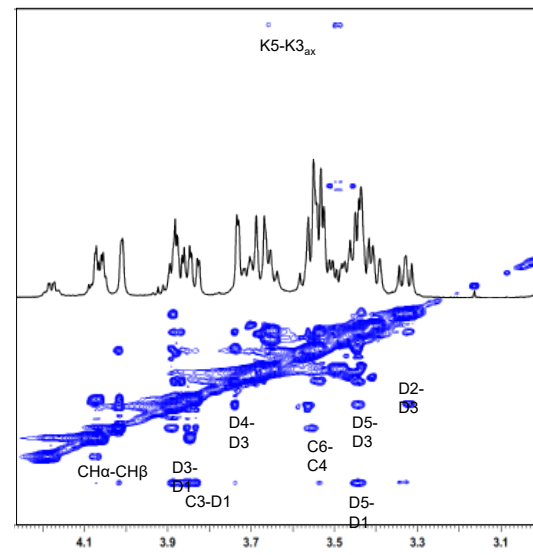


Figure S3



b Tr-NOESY SLBR-H – sTa-Thr



c Tr-NOESY SLBR-B – sTa-Thr

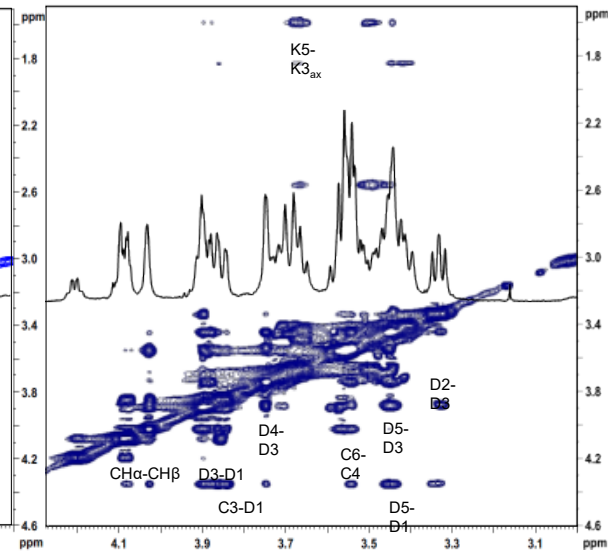


Figure S4

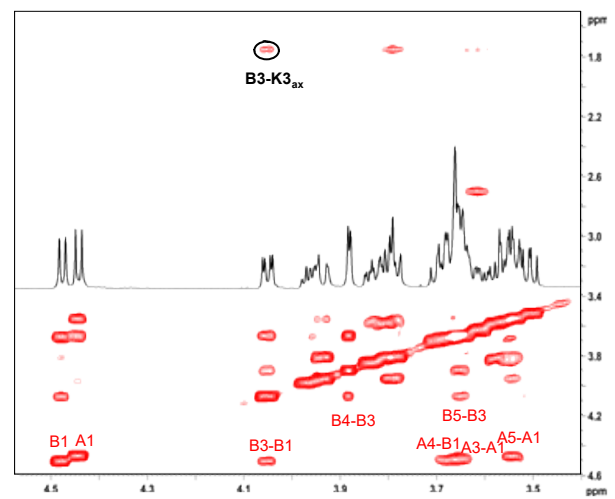
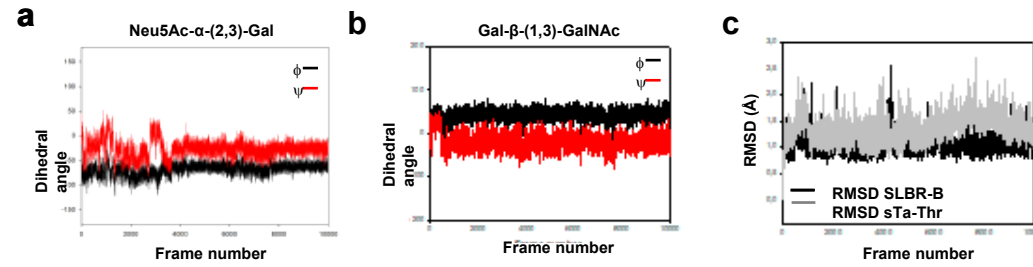
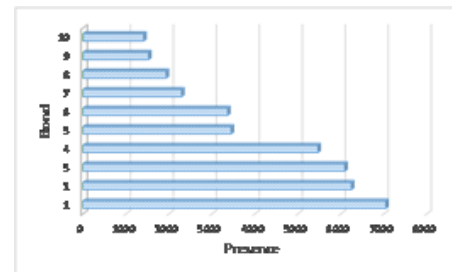


Figure S5



d # Protein-ligand H-bonds



Bond	Acceptor	DonorH	Donor	Presence
1	ASP481@O	0SA@H5N	0SA@N5	70.4
2	0SA@O1A	THR483@HG1	THR483@OG1	62.4
3	0SA@O1B	THR483@H	THR483@N	60.9
4	TYR485@OH	3LB@H6O	3LB@O6	54.6
5	0SA@O9	ARG484@HH22	ARG484@NH2	34.4
6	0SA@O8	ARG484@HH12	ARG484@NH1	33.6
7	0SA@O1B	THR483@HG1	THR443@OG1	22.9
8	3VA@O2N	TYR443@HH	TYR443@OH	19.3
9	0SA@O1A	THR483@H	THR483@N	15.2
10	ARG449@O	0SA@H9O	0SA@O9	14.0

Figure S6

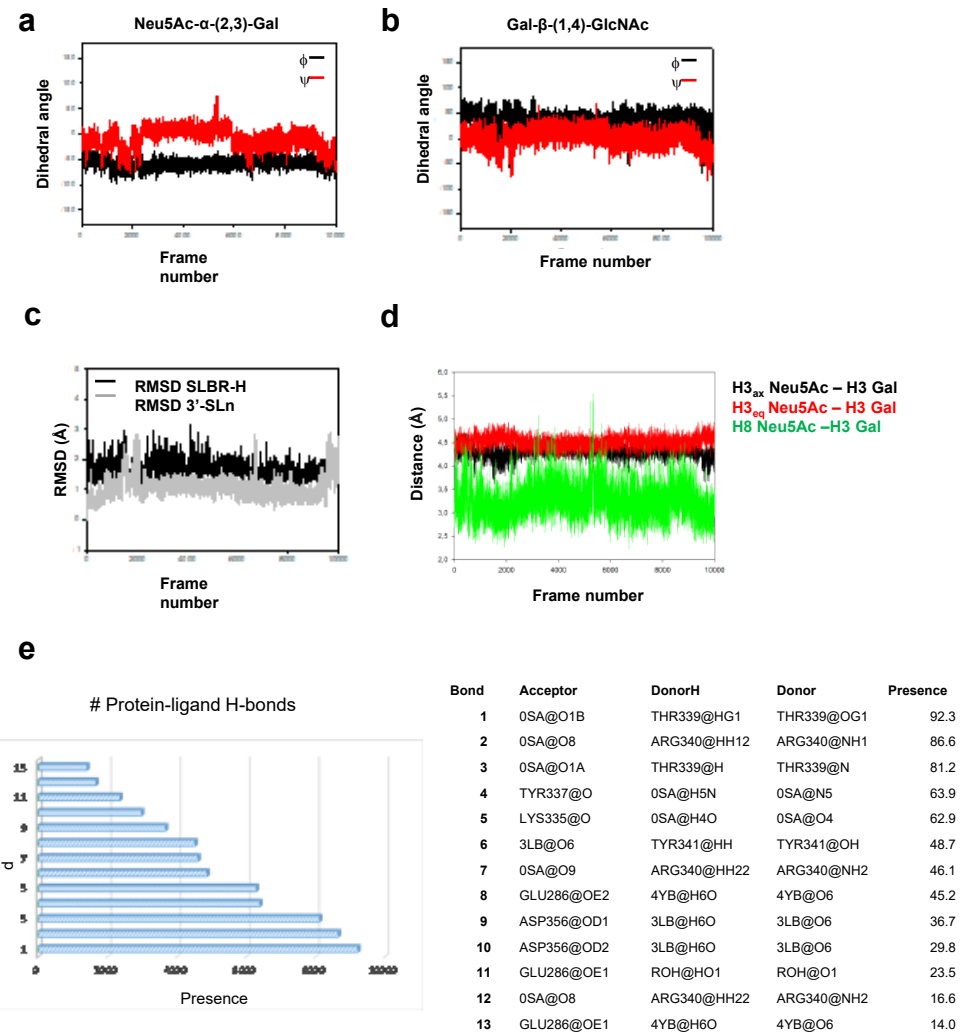


Figure S7

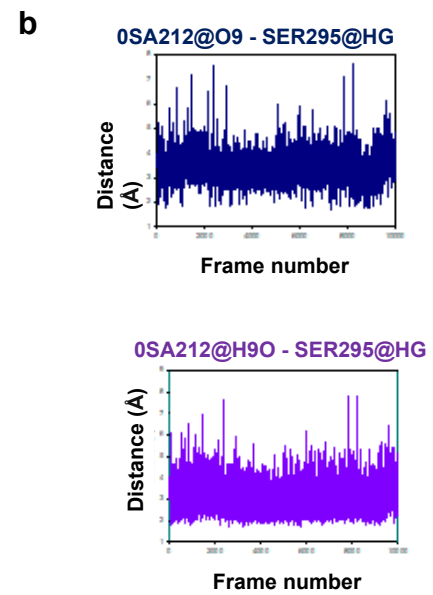
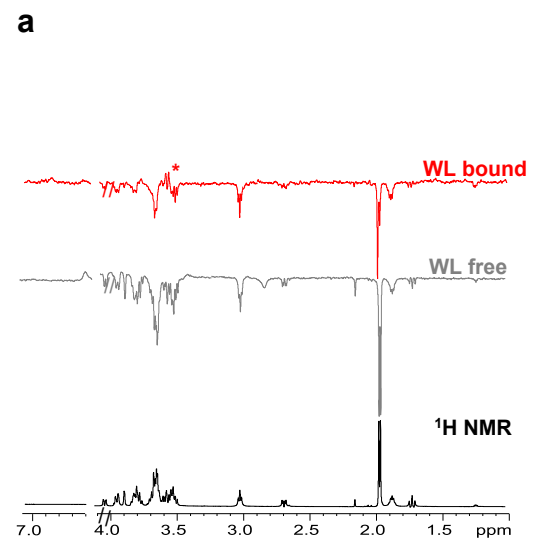


Figure S8

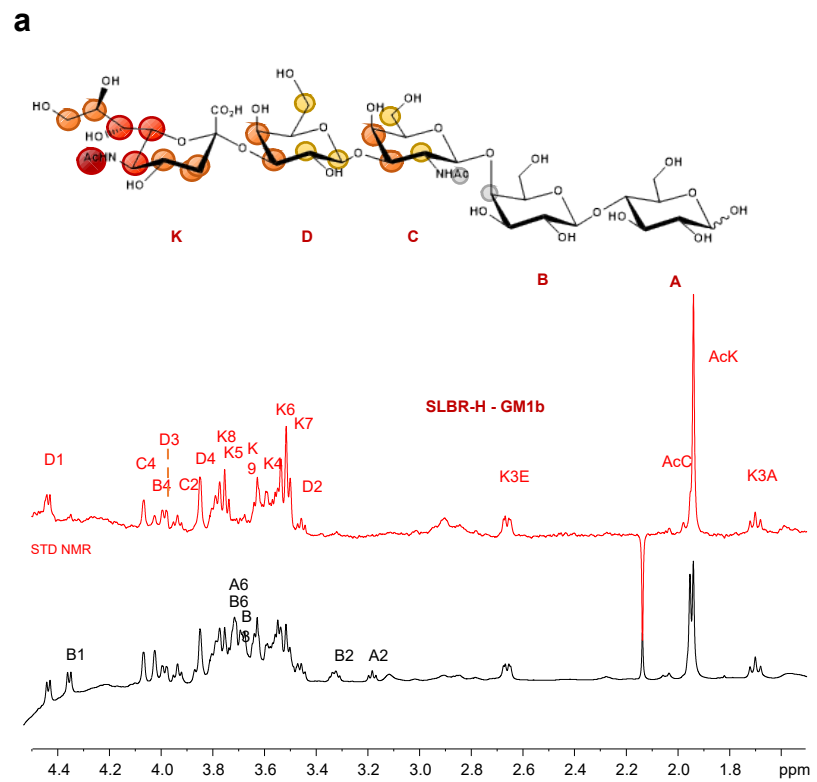


Figure S8

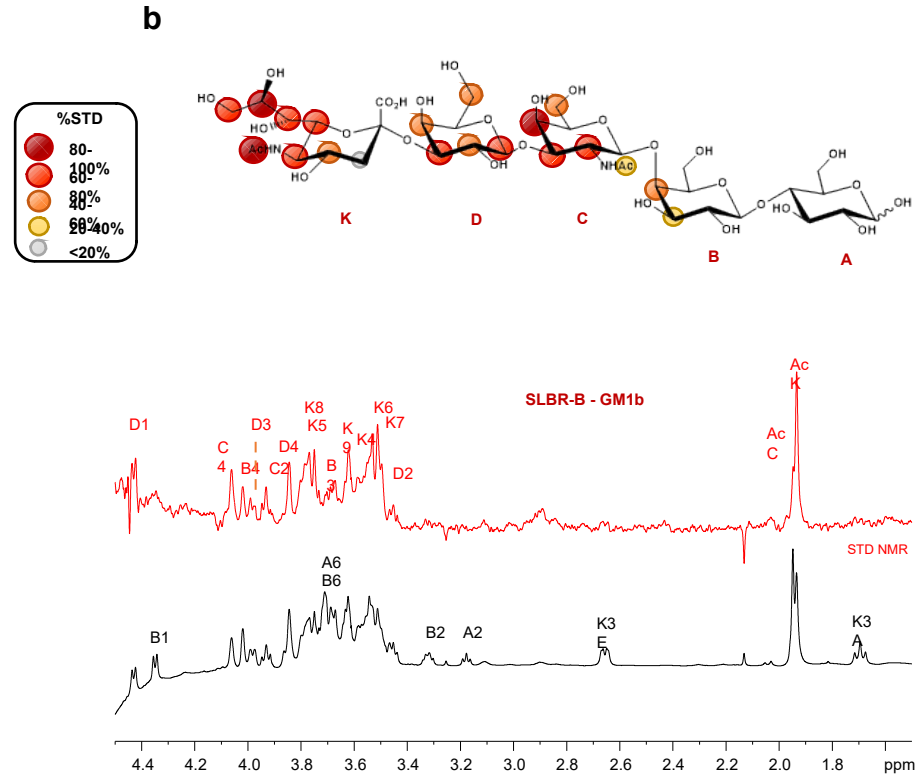
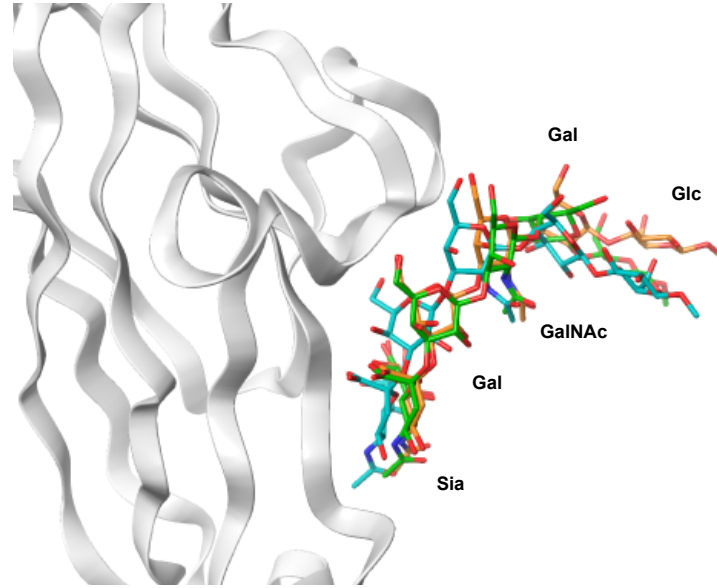


Figure S9

a) SLBR-H – GM1b



b) SLBR-B – GM1b

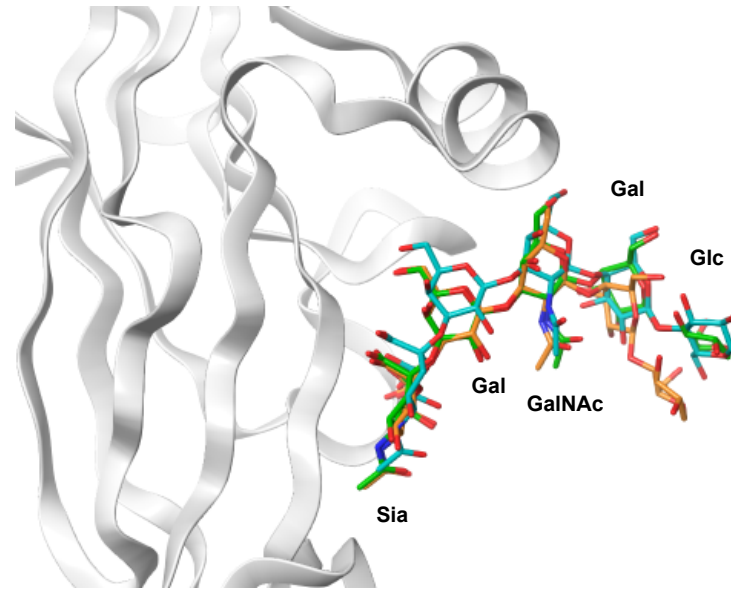
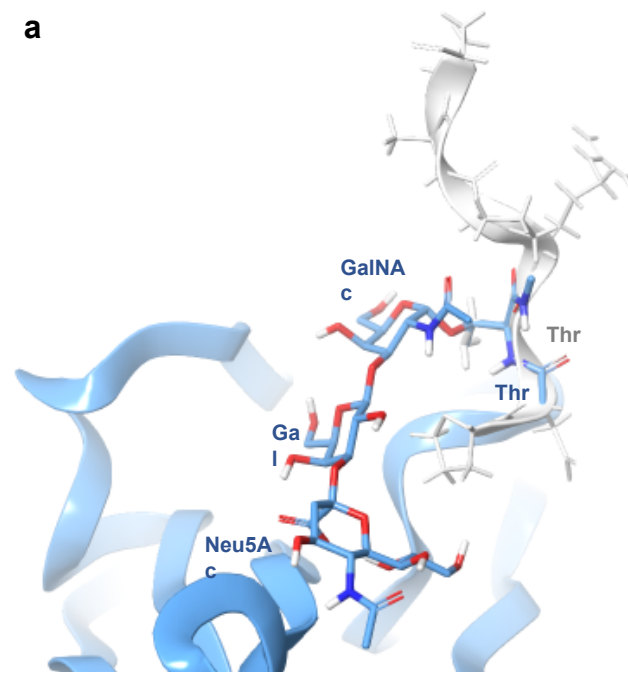


Figure S10

a



b

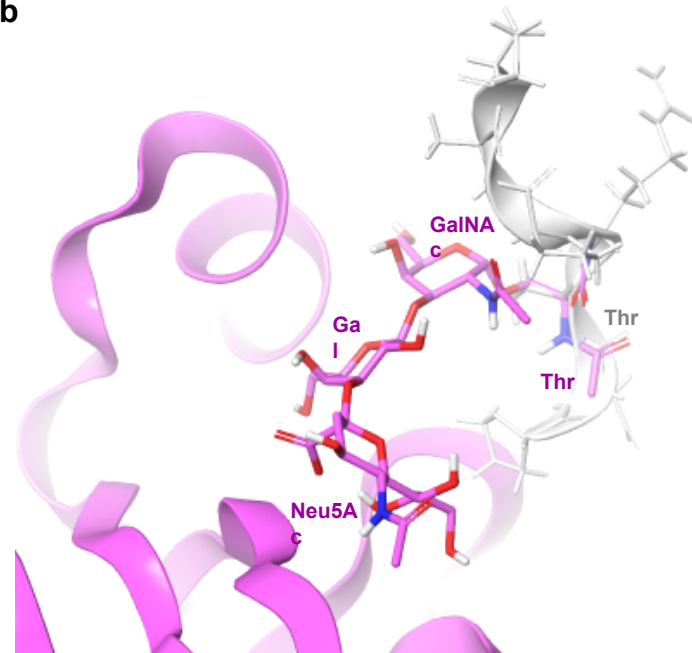


Figure S11

