Supporting Information

Comparative antigenicity of thiourea- and adipic amide-linked neoglycoconjugates containing modified oligomannose epitopes for the carbohydrate-specific HIV antibody 2G12

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nitl25a_1_600 22 1 0:\nmr\data\NTrattnig_600























MALDI MS spectra of conjugates 13, 14, 17 and 18.



MALDI MS spectra of conjugates 15a-c and 16a-c



MALDI MS spectra of conjugates 20a-d and 21a-c



MALDI MS spectra of conjugates 31, 33 and 34.



MALDI MS spectra of conjugates 33 and 35.



BLI sensorgram of binding interactions with UG37 and 16c including controls (BSA)



BLI sensorgram of binding interactions with **16c** at different concentrations.



Association- and dissociation curves of selected conjugates including 1:1 binding model fit (red lines). All conjugates were measured as 3 to 4 replicates per compound using biolayer-interferometry (Octet).



Close-up view of selected association- and dissociation curves measured by BLI. Fitting of the 1:1 binding model is represented as dashed, red lines at different conjugate concentrations.

Supplementary Table S2. Oligonucleotide primers used in this study.

2G12HC_Bsal_fw	5'-gtacggtctcaaggtgaggtgcagctggtggagtctgg-3'
2G12HC_Bsal_rv	5'-gctaggtctcaaagctcatttacccggagacagggag-3'
2G12LC_Bsal_fw	5'-gtacggtctcaaggtgatgttgtgatgatgactcagtctcc-3'
2G12LC_Bsal_rv	5'-gctaggtctcaaagcctaacactctcccctgttgaagc-3'
2G12HC_I19R_fw	5'-ggcgggaggatccctcagactctcctgtggagtctc-3'
2G12HC_I19R_rv	5'-gactccacaggagagtctgagggatcctcccgccttg-3'