

Supplementary information

Title

Fine tuning expression levels of β -1,4-N-acetylglucosaminyltransferase III and α -mannosidase II in CHO cells for production of IgG1 antibody with tailored Fc-mediated effector functions

Authors and affiliations

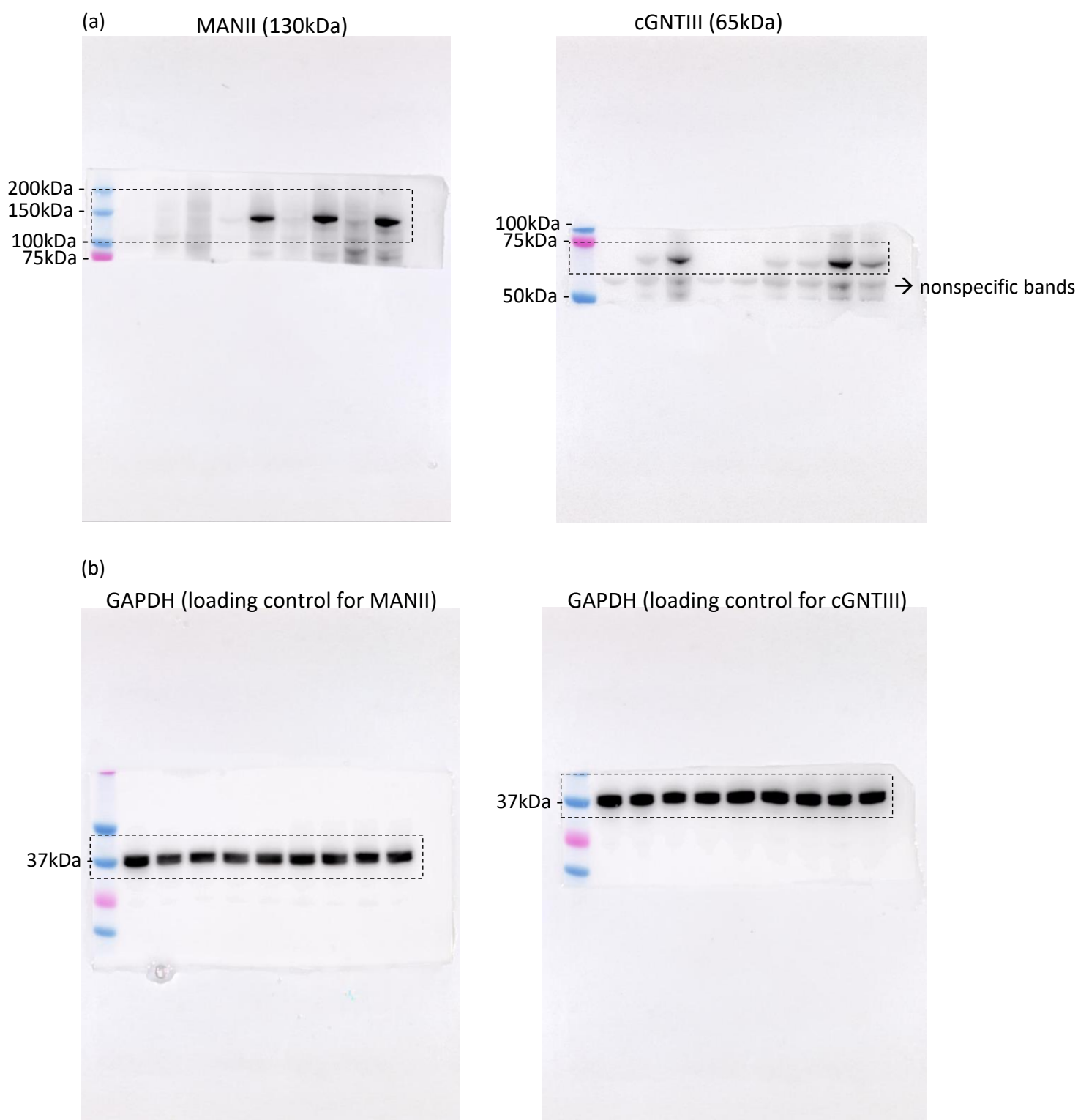
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Supplementary table 1. List of primers for RT-PCR analysis.

	Gene	Forward primer (5'-3')	Reverse primer (5'-3')
1	MANII	ACTCAGAGAGACAAGGGCCAATC	TCTGTCAGTGCCGTGTAAAGTGA
2	cGNTIII	CCGGAGGACACCACAGAGTATT	CACCTTGGTCTTCTCCTCTGTCC
3	ACTIN	AGCTGAGAGGGAAATTGTGCG	GCAACGGAACCGCTCATT



Supplementary Figure S1. Samples are separated on two SDS-PAGE gels. Separated proteins in each gel were then transferred onto PVDF blotting membranes. Each membrane was then cut in two halves at 75kDa and 50kDa marker bands and immunoblotted with the respective antibodies. The upper halves were used to detected MANII and cGNTIII proteins, while the corresponding halves were used to detected loading control (GAPDH). (a) Uncropped image for figure 3C (ManII and cGNTIII panels). (b) Uncropped image for figure 3C (GAPDH

panels). The dotted lines indicated where the images were cropped from the original blots and presented in the main figure 3C. The images' brightness and contrast were not adjusted, though the images were recoloured into grayscale and enlarged.