Supplement 1 Structures of four non-core-fucosylated N-glycans attached to anti-HER2 mAbs used in our previous paper [15].

Symbol	Structure
A2	Neu5Ac α 2 \rightarrow 6Gal β 1 \rightarrow 4GlcNAc β 1 \rightarrow 2Man α 1 $_{6\atop Man}$ Man β 1 \rightarrow 4GlcNAc β 1 \rightarrow 4GlcNAc β 1 \rightarrow 2Man α 1 $_{7\atop Man}$ Man β 1 \rightarrow 4GlcNAc β 1 \rightarrow 4GlcNAc β 1 \rightarrow 2Man α 1
G2	Gal β 1 \rightarrow 4GlcNAc β 1 \rightarrow 2Man α 1 6_3 Man β 1 \rightarrow 4GlcNAc β 1 \rightarrow 4GlcNAc β 1 \rightarrow 2Man α 1 3
G0	GlcNAc β 1 \rightarrow 2Man α 1 $\stackrel{6}{\searrow}$ Man β 1 \rightarrow 4GlcNAc β 1 \rightarrow 4GlcNAc GlcNAc β 1 \rightarrow 2Man α 1 $\stackrel{7}{\searrow}$
M3	Manα1 6 Manβ1→4GlcNAcβ1→4GlcNAc Manα1