



Figure S1: LC-ESI-MS spectra of NRN and RRN glycoprotein fusion proteins display also the unglycosylated peptide.

Mass spectra of glycopeptide 1 (EEQYNSTYR) derived from the glycoprotein part of GFP_{glyc} are shown. Man5 (Man₅GlcNAc₂) to Man9 (Man₉GlcNAc₂), oligomannosidic N-glycans, indicative of ER retention; GnGnXF (GlcNAc₂XylFucMan₃GlcNAc₂) complex N-glycan, processed in the Golgi apparatus. The peak corresponding to the unglycosylated peptide is indicated.