

Supplementary Figure Legends

Fig. 1: FUT8 enzyme activities decreased in *Fut8* deficient MEF cell lines. FUT8 enzyme activities were analyzed for all types of cell lines used in this study. No activities were detected in *Fut8* knock out (*Fut8*^{-/-}) cells and only half of the activities were found in knock down (*Fut8*^{KD}) cells, compared with those of wild type (*Fut8*^{+/+}) cells.

Fig. 2: N-glycan synthesis by GnT-III, GnT-IV, GnT-V and FUT8

FUT8 enzyme activities



