

Supplementary Figure Legends

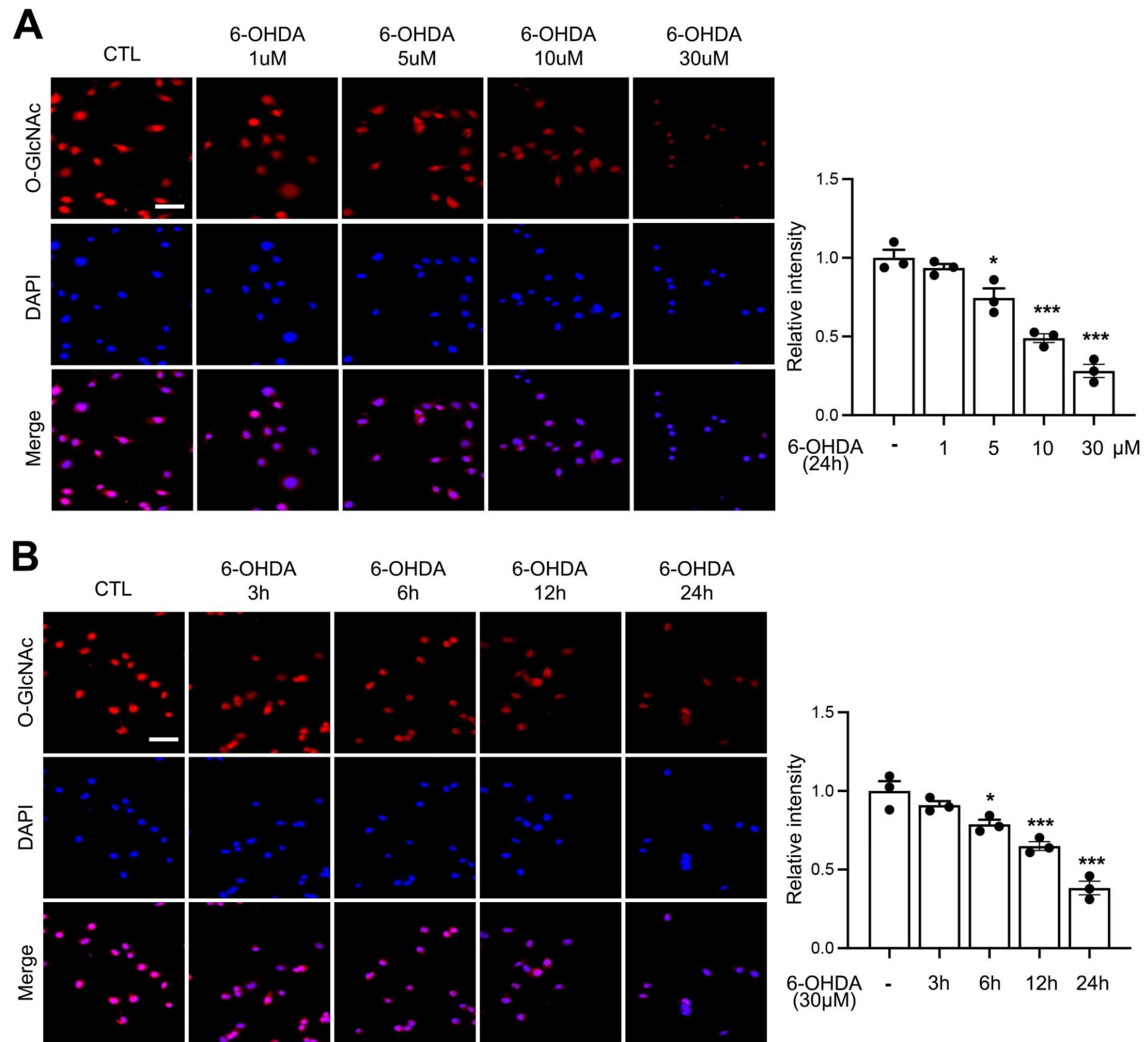
Supplementary figure 1. Regulation of O-GlcNAc by 6-OHDA in Neuro2a cells

Neuro2a cells were treated with 30 μ M 6-OHDA for 3, 6, 12, and 24 hours (A), or various concentrations (1 μ M, 5 μ M, 10 μ M, and 30 μ M) of 6-OHDA for 24 hours. Representative immunofluorescence images (20X) for O-GlcNAc (red), DAPI (blue) and merged images are shown. (n=3/group). The scale bar represents 50 μ m. Data is presented as mean $\pm$ SEM, and statistical analysis was performed using one-way ANOVA with Tukey's post hoc multiple comparison test.

Supplementary figure 2. Effect of GlcN on 6-OHDA-induced O-GlcNAc changes in Neuro2a cells

Neuro2a cells were treated with 30 μ M of 6-OHDA, either with or without 1mM of GlcN, for 24 hours. Representative immunofluorescence images (20X) of O-GlcNAc (green), DAPI (blue), and merged images are displayed. (n=3/group). The scale bar represents 50 μ m. Data is presented as mean $\pm$ SEM, and statistical analysis was conducted using one-way ANOVA with Tukey's post hoc multiple comparison test.

Suppl. Figure 1



Suppl. Figure 2

