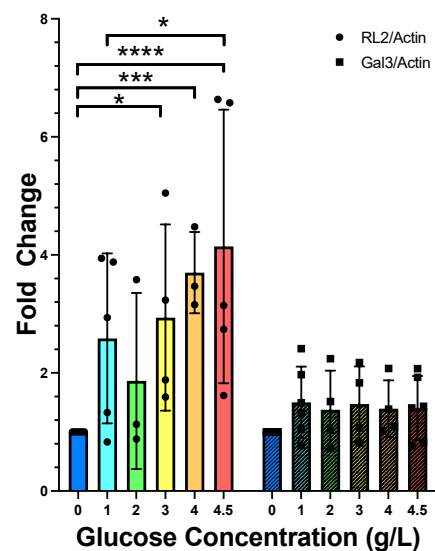
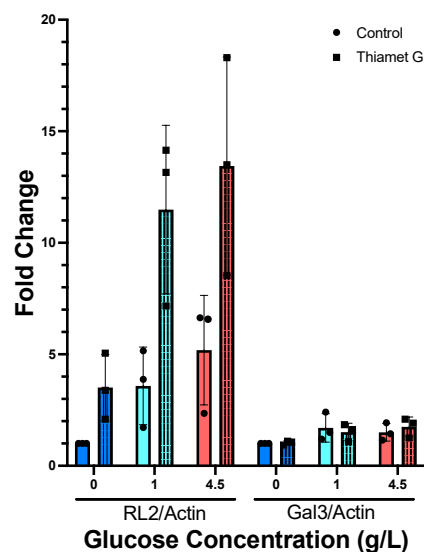


A



B



Supplementary Figure 3: Quantification of western blots of HeLa cells grown under different glucose conditions for 48 h shows a glucose dependent increase in *O*-GlcNAcylation corresponding to glucose concentration (A). Quantification of western blots of HeLa cells grown under different glucose conditions with or without Thiamet G (striped bar) treatment shows a glucose dependent increase in *O*-GlcNAcylation corresponding to glucose concentration and increase in *O*-GlcNAcylation corresponding to Thiamet G treatment (B) At least three independent experiments were carried out with representative blots shown and data expressed as mean \pm S.D. (error bars). * indicates a $p < 0.05$, *** $p < .001$, **** $p < .0001$ in a one way ANOVA with a Bonferroni post-test.