



Supplementary Fig. 5. Pancreatic endoplasmic reticulum kinase inhibitor (PERKi) effect on cleavage of activating transcription factor 6 alpha (ATF6α) in mouse islets under treatment of 3-methyladenine (3-MA). Mouse islets were treated with 3-MA (0.5 mM) for 29 hours with/without 20-nM GSK2606414. Western blotting of ATF6α was conducted, and representative blots are demonstrated. One-way analysis of variance (ANOVA) with Bonferroni posttest was applied. The lines and error bars represent mean \pm standard error of the mean. C, control; V, vehicle; NS, no significant differences. ^a $P < 0.05$ and ^b $P < 0.01$ in the *post hoc* analyses.