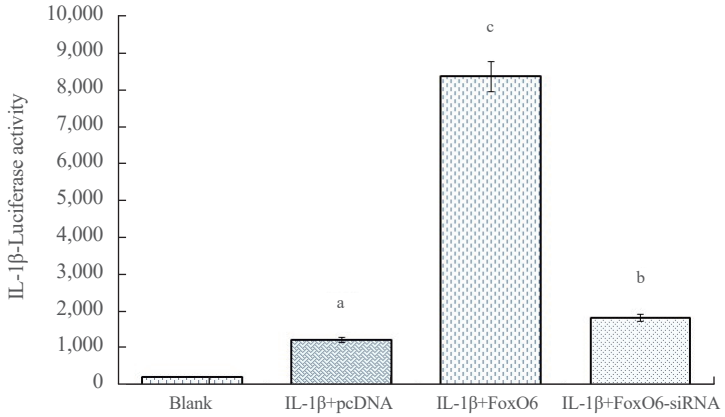

Supplemental Fig. S3. Effects of forkhead box O6 (FoxO6) on interleukin (IL)-1β activity in HepG2 cells. A schematic depiction of the IL-1β promoter–directed luciferase reporter system in pHD386 is given. A consensus inositol-requiring enzyme 1 (IRE) DNA motif and its mutant form are indicated. HepG2 cells in 48-well microplates were transduced with adenoviral vector (AdV)-FoxO6, FoxO6-specific RNA interference (RNAi), or control AdV-null vectors at a fixed dose (multiplicity of infection, 100 pfu/cell), followed by transfection with 0.5 μg of pcDNA and IL-1β DNA in the culture medium. After incubation for 24 hours, the cells were harvested for the determination of luciferase and β-galactosidase activities. The relative luciferase activity was calculated based on the luciferase/β-galactosidase activity ratio. siRNA, small interfering RNA. [a]$P<0.001$ vs. blank; [b]$P<0.05$ and [c]$P<0.001$ vs. IL-1β DNA with pcDNA treated cells by one-way analysis of variance (ANOVA) with Tukey's *post hoc* test.