ESM Figure 6

(a) 

High glucose | Mannitol | Ad/mock | Ad/p66⁶⁶Shc | Ad/p66⁶⁶Shc Ala³⁶
---|---|---|---|---
- | - | - | + | -
+ | - | - | + | -
- | + | + | - | -
+ | + | + | + | -

Apoptosis (% of basal Ad/mock)

(b) 

High glucose | p66⁶⁶Shc siRNA#2
---|---
- | -
+ | +

Apoptosis (% of basal)
**ESM Figure 6.** p66$^{Shc}$ is involved in high glucose-induced apoptosis in INS-1E cells. (a) Apoptosis in Ad/mock (white bars), Ad/p66$^{Shc}$ (black bars) and Ad/p66$^{Shc}$Ala$^{36}$ (gray bars) INS-1E cells incubated with 25 mmol/l glucose for 24 h, 25 mmol/l mannitol for 24 h (as iso-osmotic control), or left untreated ($n = 3$). *$p < 0.05$ vs. basal; †$p < 0.05$ vs. control Ad/mock; ‡$p < 0.05$ vs. Ad/p66$^{Shc}$; Student’s $t$ test. (b) Apoptosis in INS-1E cells not-transfected (white bars) or transfected with siRNA#2 targeting p66$^{Shc}$ (black bars), and then incubated with 25 mmol/l glucose for 24 h or left untreated ($n = 3$). *$p < 0.05$ vs. basal; †$p < 0.05$ vs. not-transfected control cells; Student’s $t$ test.