



Figure S1. Effect of PA on the insulin signaling pathway and RGS2 expression. HUVEC-CS cells were preincubated in a control medium (with DMSO) for 24 h or medium containing 0.25 mM PA at 37 °C for the indicated times and stimulated with 100 nM insulin for 10 min before being harvested. Total cell lysates were separated by SDS-PAGE and analyzed by immunoblotting with anti-p-Akt (Ser⁴⁷³). Lower panels show representative immunoblots. The graph is representative of three-six independent experiments and is expressed as mean \pm SEM. Western blots were also probed for total Akt showing equal loading. * $p < 0.05$ vs C; ** $p < 0.05$ vs Ins (0). C, control; Ins, insulin; PA, palmitic acid.