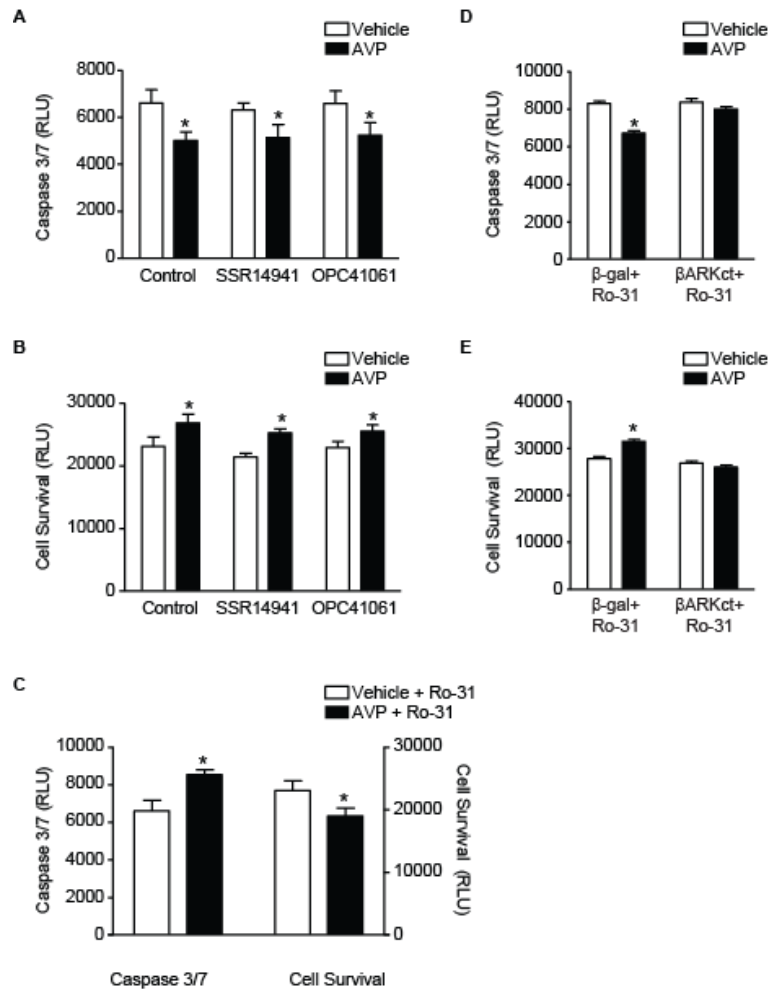


Title: Arginine Vasopressin Enhances Cell Survival Via a GRK2- β arrestin1-ERK1/2-Dependent Pathway in H9c2 Cells

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Supplementary Figure 1. $V_{1B}R$, V_{2R} and PKC antagonists do not prevent AVP-mediated effects on caspase 3/7 activity and cell survival. H9c2 cells underwent caspase 3/7 activity and cell survival analysis following H/R in the presence or absence of (A) $V_{1B}R$ - (SSR14941, 0.1 μ M), (B) V_{2R} - (OPC41061, 0.1 μ M) or (C) PKC- (Ro-31, 1 μ M) selective antagonists and AVP (10nM). * $P < 0.05$ vs vehicle (PBS)-stimulated control, one-way ANOVA. (D, E) Pretreatment of H9c2 cells with Ro-31 (1 μ M) prior to H/R did not impact the effect of β ARKct overexpression on AVP-protection in decreasing caspase 3/7 activity and in increasing in cell survival, * $P < 0.05$ vs vehicle (PBS)-stimulated β -gal+Ro-31 condition, one-way ANOVA. The data are presented as mean \pm SEM of 3 independent experiments.