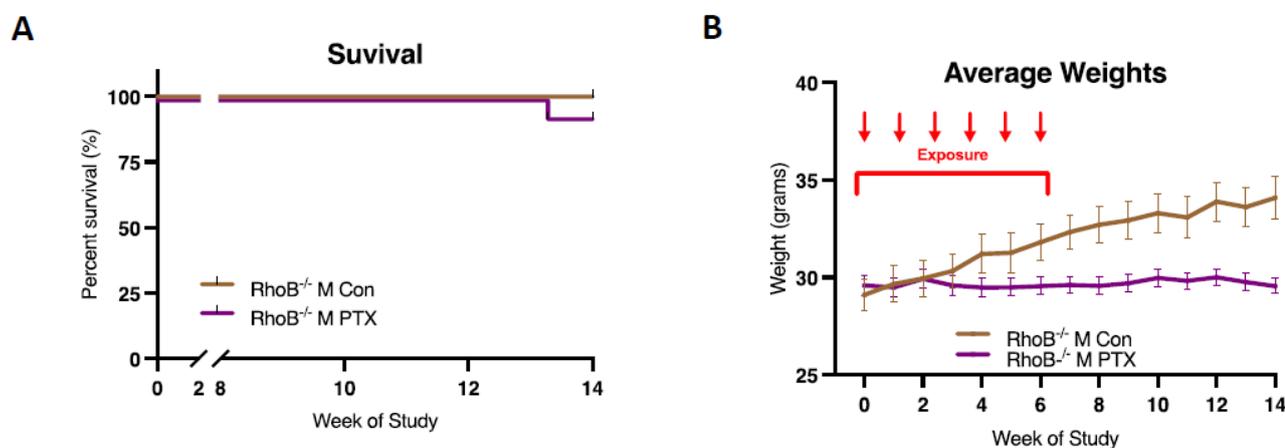


# Supplementary Material: Sex-Specific Differences in Toxicity Following Systemic Paclitaxel Treatment and Localized Cardiac Radiotherapy

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**Figure S1:** Western-blot analysis of ERα. The analysis of ERα expression level performed in heart lysate of WT and *rhoB* deficient females showed lower level of ERα in *rhoB* deficient animals. GAPDH was used as loading control.



**Figure S2:** *RhoB* deficiency in males. **A)** After 150 mg/kg paclitaxel treatment, survival analysis shows that 1 male died in *rhoB* deficient males ( $n = 14$ ) vs controls ( $n = 10$ ). **B)** *RhoB* deficient males showed no weight up-take as compared with untreated males. 2-way ANOVA analysis demonstrated significant interaction ( $p = 0.0022$ ) and treatment ( $< 0.0001$ ) effects. Chart uses mean  $\pm$  s.e.m.