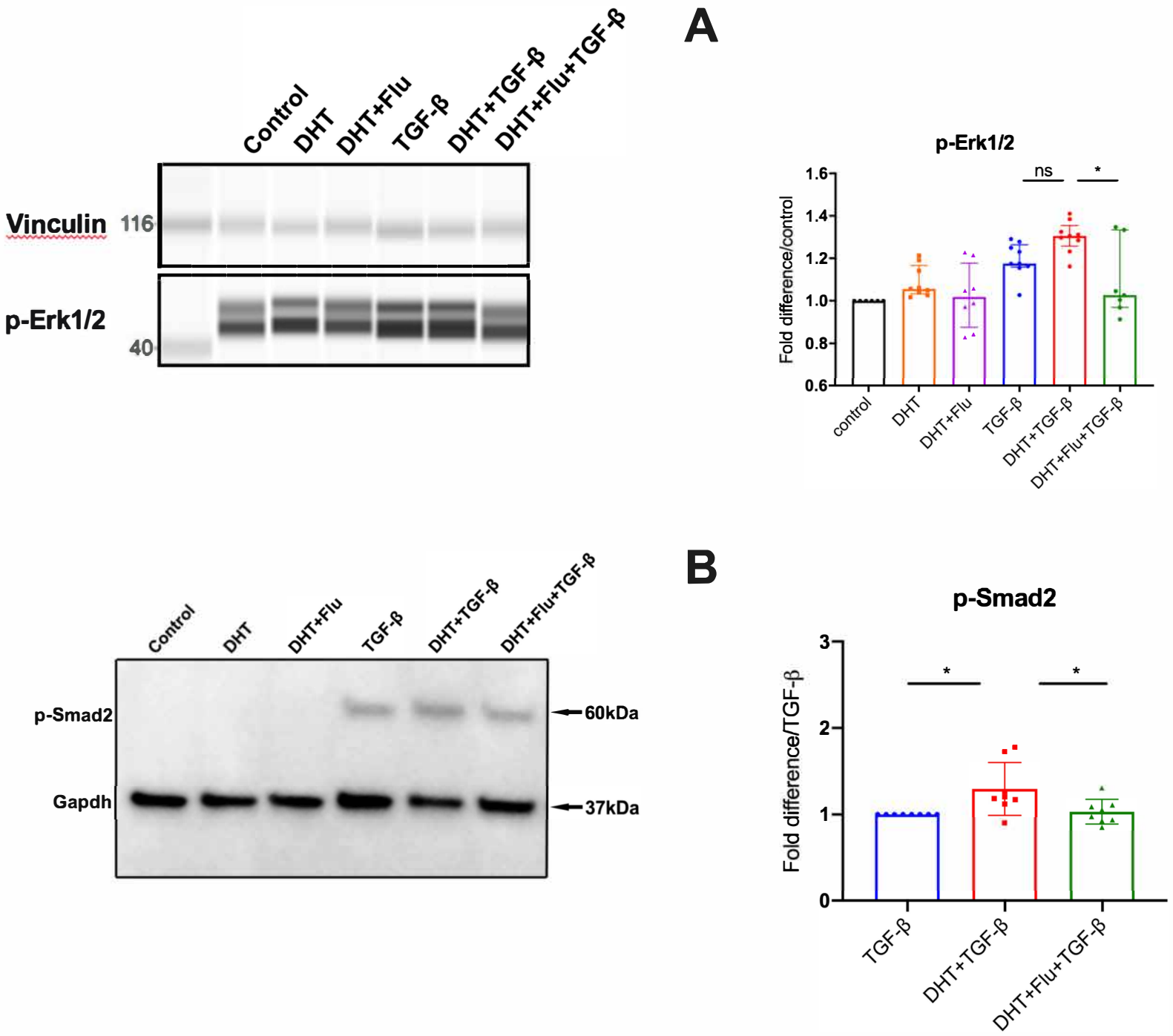
Supplemental Material

Figure S1. p-Erk1/2 and p-Smad2 signaling in female Fbn1c1o39GI+ aortic root/ ascending derived smooth muscle cells following hormone treatment.



A phosphorylated-Erk1/2 (p-Erk1/2) and **B** phosphorylated-Smad2 (p-Smad2) in aortic root/ascending (ASC) aorta derived SMC from *Fbn1*$^{C1039G/+}$ (Fbn1) female mice treated with dihydrotestosterone 1 0nM (DHT), DHT + flutamide 1 μM (Flu), TGF-β 5ng/mL, TGF-β + DHT, TGF-β + DHT + Flu or vehicle control (n=8-9 replicates for each group). Relative protein level quantified using vinculin or Gapdh as loading control as indicated. Values expressed as fold difference compared to control for p-Erk1/2 and fold difference compared to TGF-β for p-Smad2. Results presented as median +/-interquartile. Kruskal-Wallis test with Dunn's posttest was used for multiple comparison among the groups: control vs. DHT vs. DHT + Flu, TGF-β vs. TGF-β + DHT vs. TGF-β + DHT + Flu. *p≤0.05.