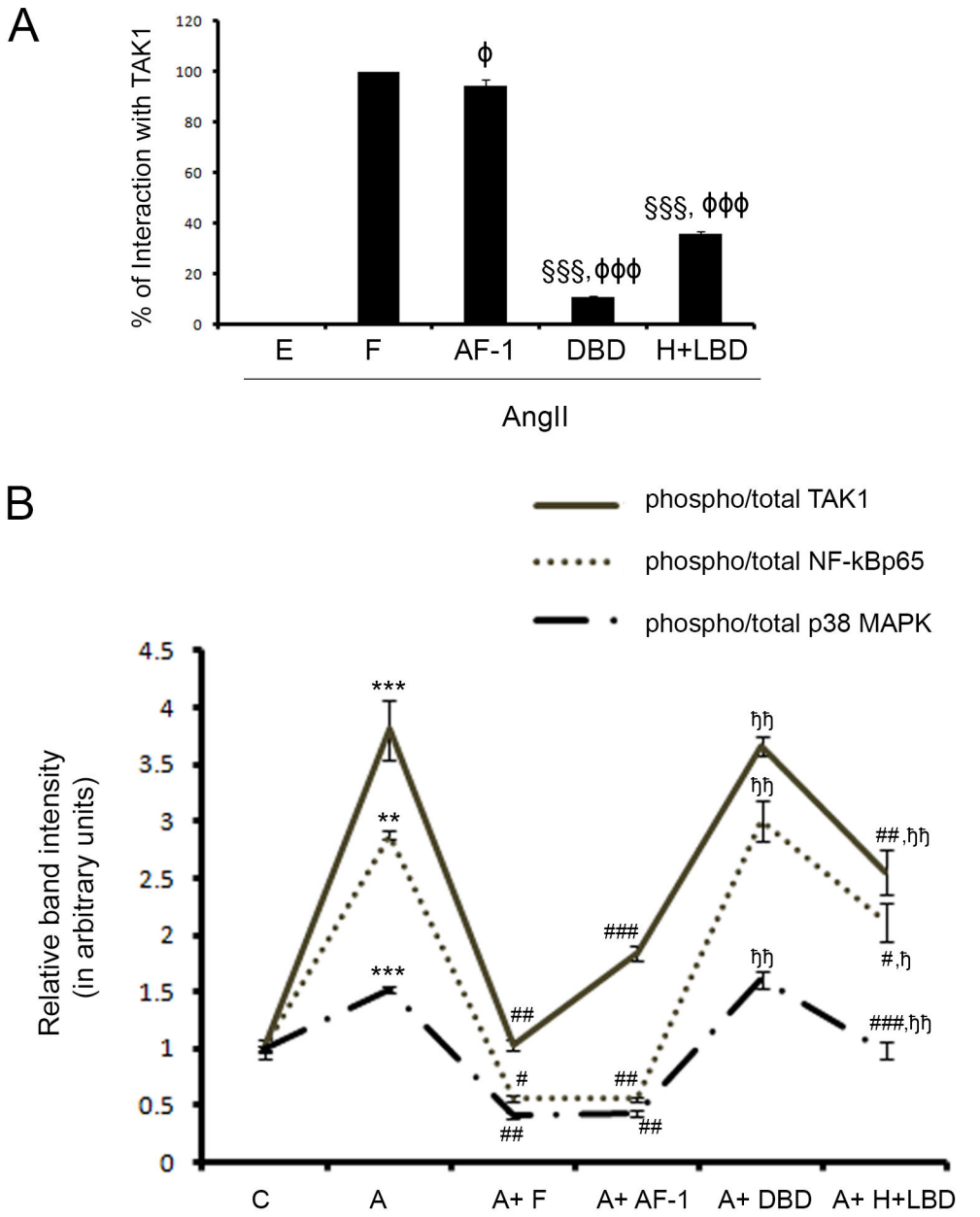

S-5: **Effect of PPARα domains upon modulation of PPARα::TAK1 interaction and TAK1-driven non-canonical TGF-β pathway in AngII treated cardiac fibroblasts.**

A: Graph showing relative intensity of binding between different PPARα domains to TAK1 in AngII treated cells. ϕ; $p<0.05$ compared to 'F' plasmid infused AngII treated cells, ϕϕϕ; $p<0.001$ compared to 'F' plasmid infused AngII treated cells, §§§; $p<0.001$ compared to 'AF-1' plasmid infused AngII treated cells.

B.Graph showing relative effect of different PPARα domains regulating TAK1 mediated non-canonical TGF-β signaling pathway. *** $p<0.001$ with respect to empty plasmid infused control cells; ** $p<0.01$ with respect to empty plasmid infused control cells; # $p<0.05$ with respect to empty plasmid infused AngII treated fibroblasts; ## $p<0.01$ with respect to empty plasmid infused AngII treated fibroblasts; ### $p<0.001$ with respect to empty plasmid infused AngII treated fibroblasts; ħ, $p<0.05$ with respect to 'AF-1' plasmid infused AngII treated cells; ħħ, $p<0.01$ with respect to 'AF-1' plasmid infused AngII treated cells.

Supplementary Figure S-5