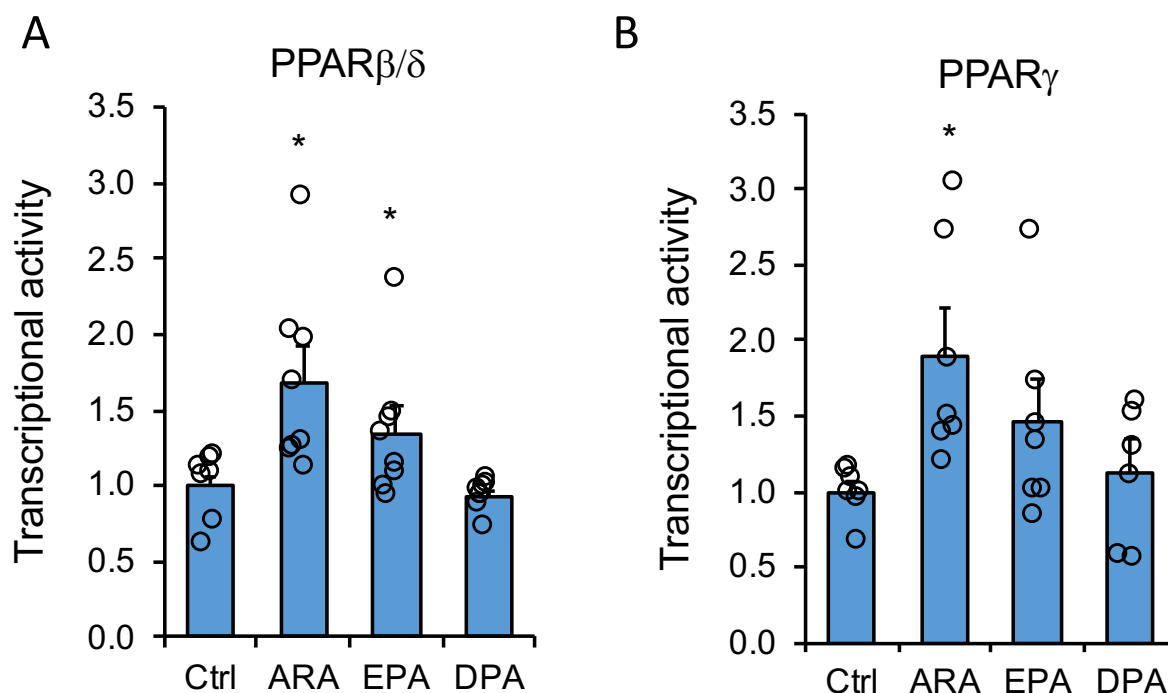


Fig.S3



Supplementary Fig. 3. Transcriptional regulation of PPAR isoforms to LCFAs in cardiomyocytes.

Transcriptional activity of PPAR β/δ (**A**) and PPAR γ (**B**) in response to long-chain fatty acid derivatives. H9C2 cardiomyocytes were transfected with Gal4-PPAR β/δ or Gal4-PPAR γ in the presence of a UAStkLuc luciferase reporter. Cells were then treated with arachidonic acid (ARA; 100 μ M), eicosapentaenoic acid (EPA; 100 μ M), or docosapentaenoic acid (DPA, 60 μ M) for 16h. Data were normalized to β -galactosidase and expressed as fold response compared to untreated cells set at 1.0. *, P<0.05 vs vehicle-treated control cells.