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**Supplemental information**

**Epigenetic Control of circHNRNPH1  
in Postischemic Myocardial Fibrosis  
through Targeting of TGF- $\beta$  Receptor Type I**

**Weifeng Li, Yue Wang, Yunfei Deng, Huaner Ni, Gu Shen, Xiaoqiang Liu, Jun Li, and Fang Wang**

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## Supplemental Figures

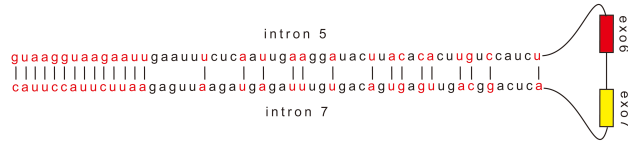


Figure S1 The diagram of the flanking introns of exon 6 and exon 7 in HNRNPH1 mRNA

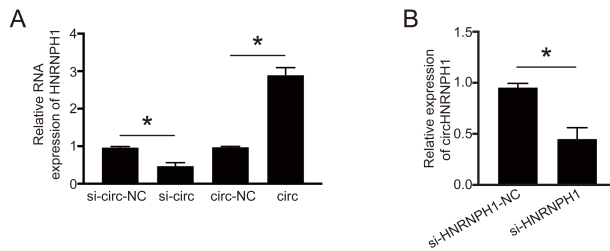


Figure S2 The reciprocal effect between circHNRNPH1 and mRNA-HNRNPH1

(A) circHNRNPH1 expression decreased with knockdown of mRNA-HNRNPH1. Data are presented as the mean  $\pm$  SD, (n=3 per group, \*p < 0.05)

(B) mRNA-HNRNPH1 expression validation by Quantitative PCR examination.

Knockdown of circHNRNPH1 decreased mRNA-HNRNPH1 expression, in opposite to circHNRNPH1 overexpression. Data are presented as the mean  $\pm$  SD, (n=3 per group, \*p < 0.05)

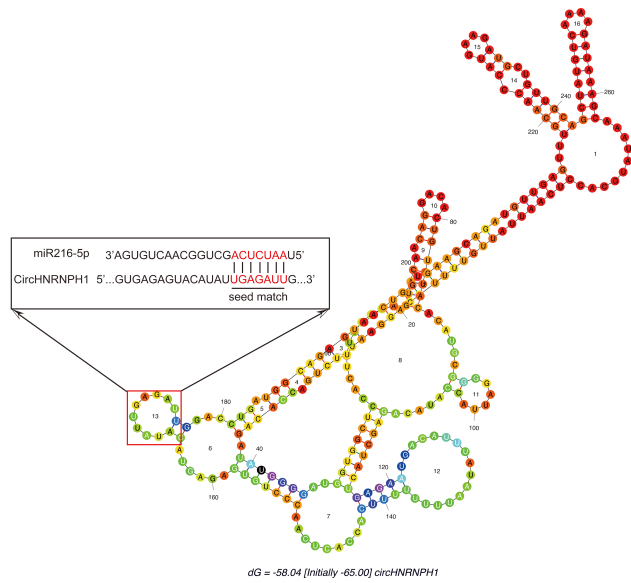


Figure S3 Prediction of binding site of circHNRNPH1 to miR216-5p

The stable second structure of circHNRNPH1 and the site of circHNRNPH1 interacting with miR216-5p

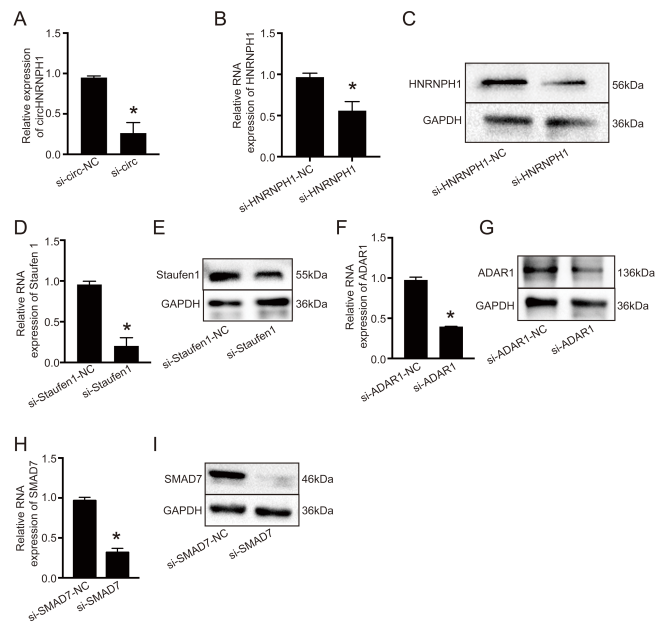


Figure S4 The siRNAs effective analysis of circHNRNPH1(A), HNRNPH1(B-C), Staufen1(D-E), ADAR1(F-G) and SMAD7(H-I) by quantitative PCR and western blots. Data are presented as the mean  $\pm$  SD, (n=3 per group, \*p < 0.05)