Supplementary material


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Figure S1. Effects of hypoxia on the protein levels of IL-18 and its receptors in beating rat atria. Representative Western blot bands and their quantification (n = 5, 3 male and 2 female/per group) were presented at A and B panels. Data were expressed as mean (SEM). **P<0.01, ****P<0.0001
Figure S2. Effects of hypoxia on the protein levels of ATF3, TCF3, TCF4 and LEF1 in hypoxic beating rat atria. Representative Western blot bands and their quantification (n = 5, 2 male and 3 female/per group) were presented at A and B panels. Data were expressed as mean (SEM). *P <0.05, **P <0.01
Figure S3. Uncropped scans of western blots for figures. According to the instructions of the Pre-stained Protein Marker, the band close to the molecular weight of the target protein is regarded as the target band. The blue box marked the target proteins; The red box marked the band selected in the figure.
Figure 1A and 1B: IL-18 and IL-18-Rα
Figure 1A and 1B: IL-18-Rα

[Diagram showing Western blot analysis for IL-18-Rα and β-actin with labeled samples including N, H, 123+H, 788+H, Dbl+H.]

IL-18-Rα 62kDa
β-actin 43kDa
Figure 1A and 1B: IL-18-Rβ
Figure 1A and 1B: Src, RhoGEF; S2A and S2B: TCF3
Figure 2A and 2B: RhoGEF
Figure 2A and 2B: RhoA
Figure 3A and 3B: IL-18
Figure 3A and 3B: IL-18-Rα and IL-18-Rβ
Figure 4A and 4B: ATF3
Figure 4A and 4B: TCF3, TCF4, LEF1
Figure S1A and S1B: IL-18

Figure S1A:

- IL-18: 17 kDa
- β-actin: 43 kDa

Figure S1B:

- IL-18: 17 kDa
- β-actin: 43 kDa
Figure S1A and S1B: IL-18-Rα
Figure S1A and S1B: IL-18-Rβ
Figure S2A and S2B: ATF3
Figure S2A and S2B: TCF3, TCF4, LEF1
Figure S2A and S2B: TCF4