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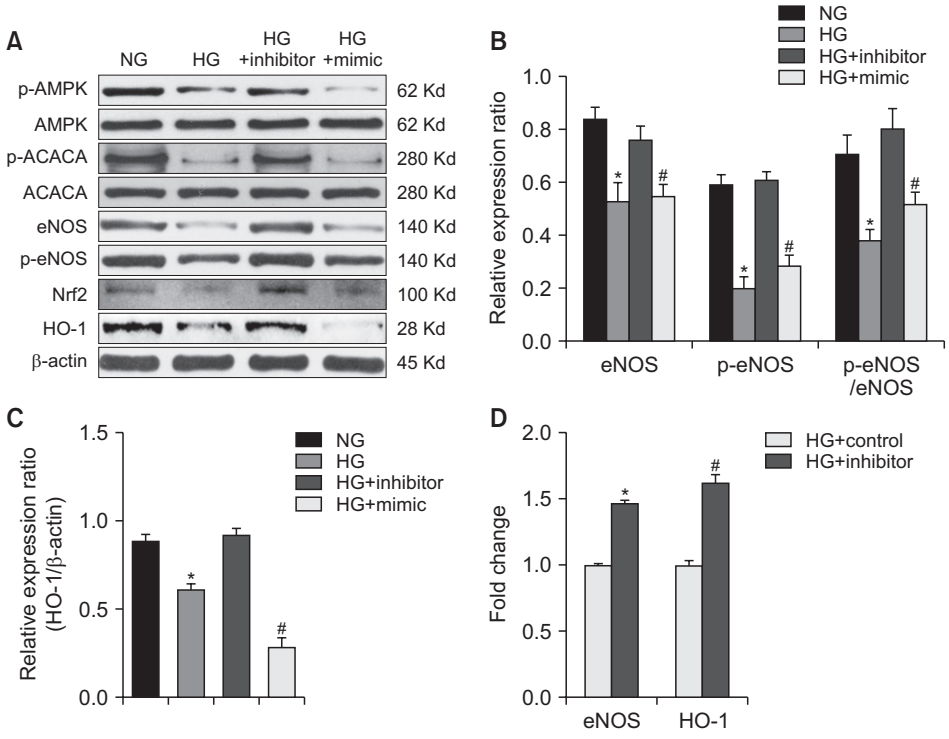

Supplement Fig. 2. Inhibition of miR-92a improved erectile function *via* amelioration of the AMPK/eNOS and AMPK/Nrf2/HO-1 signaling pathway *in vitro*. (A) Representative western blot results of AMPK/eNOS and AMPK/Nrf2/HO-1 signaling pathway in endothelial cells in each group. (B, C) The expression levels of eNOS, p-eNOS, and HO-1, with β-actin as the loading control, and the relative ratio of p-eNOS/eNOS in the corpus cavernosum of each group are presented as bar graphs (n=4–5 per group). (D) qRT-PCR analysis showing miR-92a inhibitor reactivated the expression of eNOS and HO-1 (n=4–5 per group). $^{*,\#}p<0.05$ *versus* the control group. qRT-PCR: quantitative real-time polymerase chain reaction, NG: normal glucose (5 mmol/L), HG: high glucose (30 mmol/L).