

Figure S1

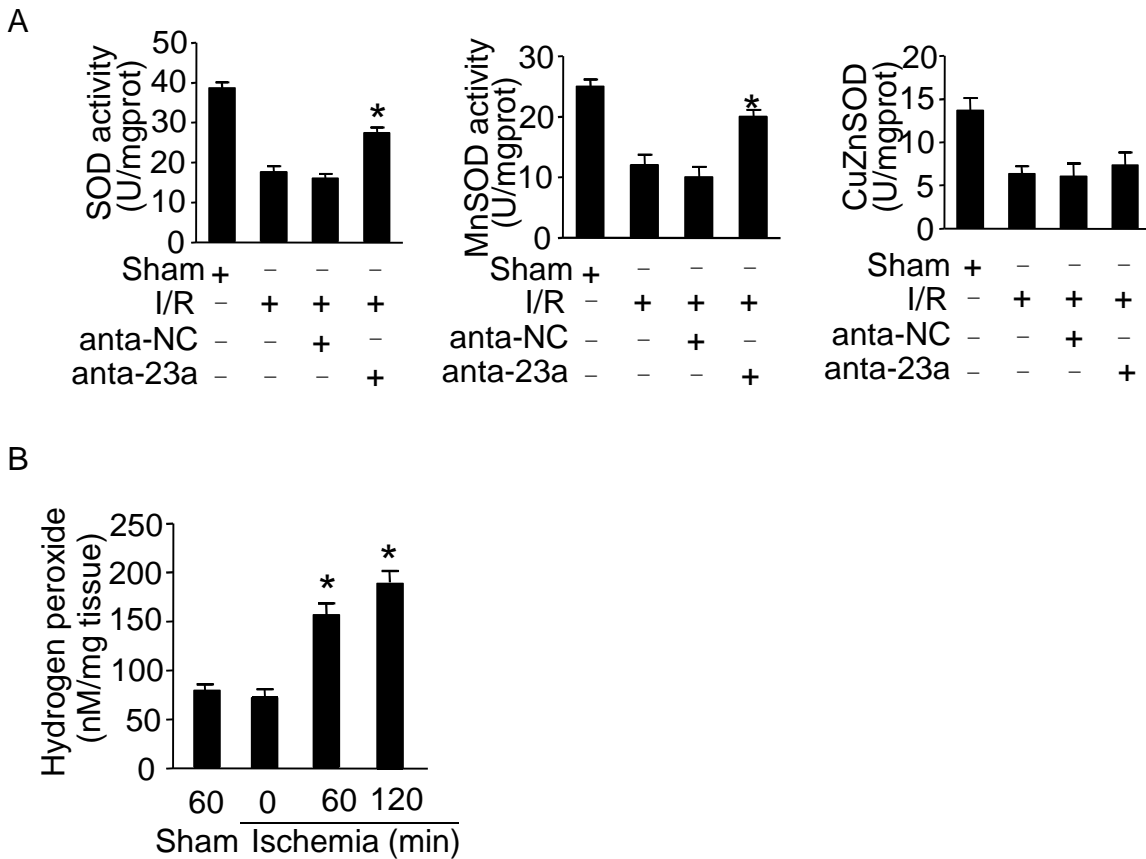


Figure S1. The activity of total SOD, MnSOD, Cu/ZnSOD in I/R injured heart and the concentration of hydrogen peroxide in ischemic heart. (A) Adult C57BL/6 mice received three consecutive days, intravenous injections of antagomir miR-23a (anta-23a) or antagomir negative control (anta-NC) at a dose of 30 mg/kg body weight. They were then subjected to ischemia for 45 minute and reperfusion for 3 hours. The activity of total SOD, MnSOD and CuZnSOD were detected and calculated. *, $P < 0.05$ versus I/R alone. (B) The levels of hydrogen peroxide upon myocardial ischemia. Mice were subjected to different period of ischemia and the concentration of hydrogen peroxide was assayed by Amplex red. *, $P < 0.05$ versus sham or 0 min group.