

**PGC-1 $\alpha$  Limits AngiotensinII-Induced Rat Vascular Smooth Muscle  
Cells Proliferation via Attenuating NOX1-Mediated Generation of  
Reactive Oxygen Species**

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Running title: New role of PGC-1 $\alpha$  in VSMCs proliferation

Sources of Funding: This work was supported by National Natural Science Foundation of China (81200098) and Shanxi Province Natural Science Foundation of China (2014K11-03-04-06).

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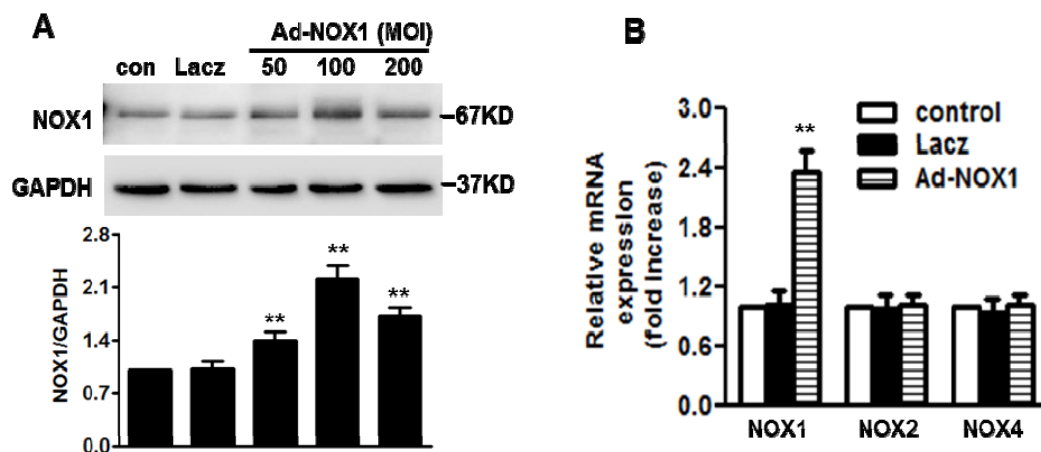
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## ONLINE SUPPLEMENTAL MATERIALS

### Supplemental Figures

#### Figure S1



**FIGURE S1 Recombinant adenovirus encoding NOX1 cDNA (Ad-NOX1) specifically increased NOX1 expression in rat VSMCs.** (A) VSMCs were infected with various MOI of Ad-NOX1 (50, 100, 200 MOI) for 48 h. NOX1 protein expression was assessed by western blot analysis and data were shown as the ratio of NOX1/GAPDH western blot (B) Quantitative PCR analysis of NOX1, NOX2 and NOX4 mRNA level. \*\* $P < 0.01$  vs. control,  $n = 6$ .