



Supplementary Fig. 3. Deficiency of HIF1 α in VSMCs does not affect Ang II-induced HIF2 α expression in aortas. *Hif1a^{fl/fl}* and *Hif1a^{ΔSMC}* mice were infused with saline or 1000 ng/kg/min Ang II for 28 days. **a** *Hif2a* mRNA level in aortas were measured by qPCR. * $P < 0.05$, $n = 6$ per group. **b** Immunofluorescent staining for HIF2 α (in red) and α -SMA (in green) with DAPI counterstaining (in blue) in aortic sections from saline or Ang II-infused *Hif1a^{fl/fl}* and *Hif1a^{ΔSMC}* mice. **c** *Hif1a^{fl/fl}* and *Hif1a^{ΔSMC}* VSMCs were treated with vehicle or Ang II (1 μ M) for 24 hours and HIF2 α protein level was detected by Western blot. * $p < 0.05$, $n = 3$ per group.