



Figure S1: (A, B) Sprague Dawley rats were injected with lentiviral particles carrying shRNA targeting MKL1 or random shRNA (SCR) and induced to develop HPH as described under *Methods*. MKL1 mRNA (A) and protein (B) levels in aortic arteries were assessed by qPCR and immunohistochemistry. N=5 mice for each group (C, D) A10 cells (C) and HPASMCs (D) were exposed to 1% O₂ and harvested at indicated time points. mRNA and protein levels of MKL1 were measured by qPCR and Western.