SUPPLEMENTARY FIGURES and FIGURE LEGENDS

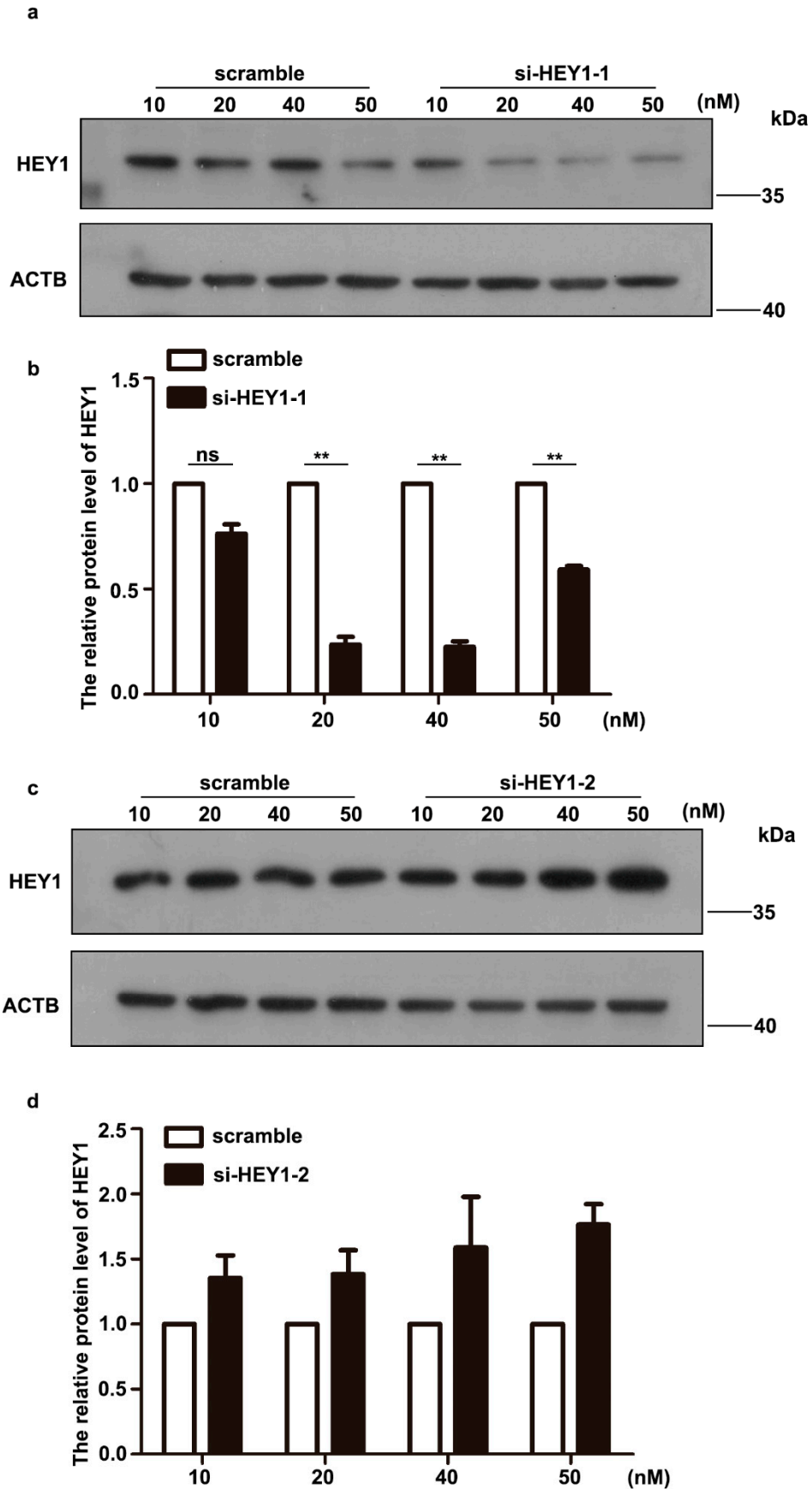

Figure S1. (a,b) and (c,d) Verification of the interference efficiency of two small interfering RNAs on HEY1 in HDFs cells. Data are presented as means ± SEM, *p < 0.05, **p < 0.01, ***p < 0.001, n = 3.

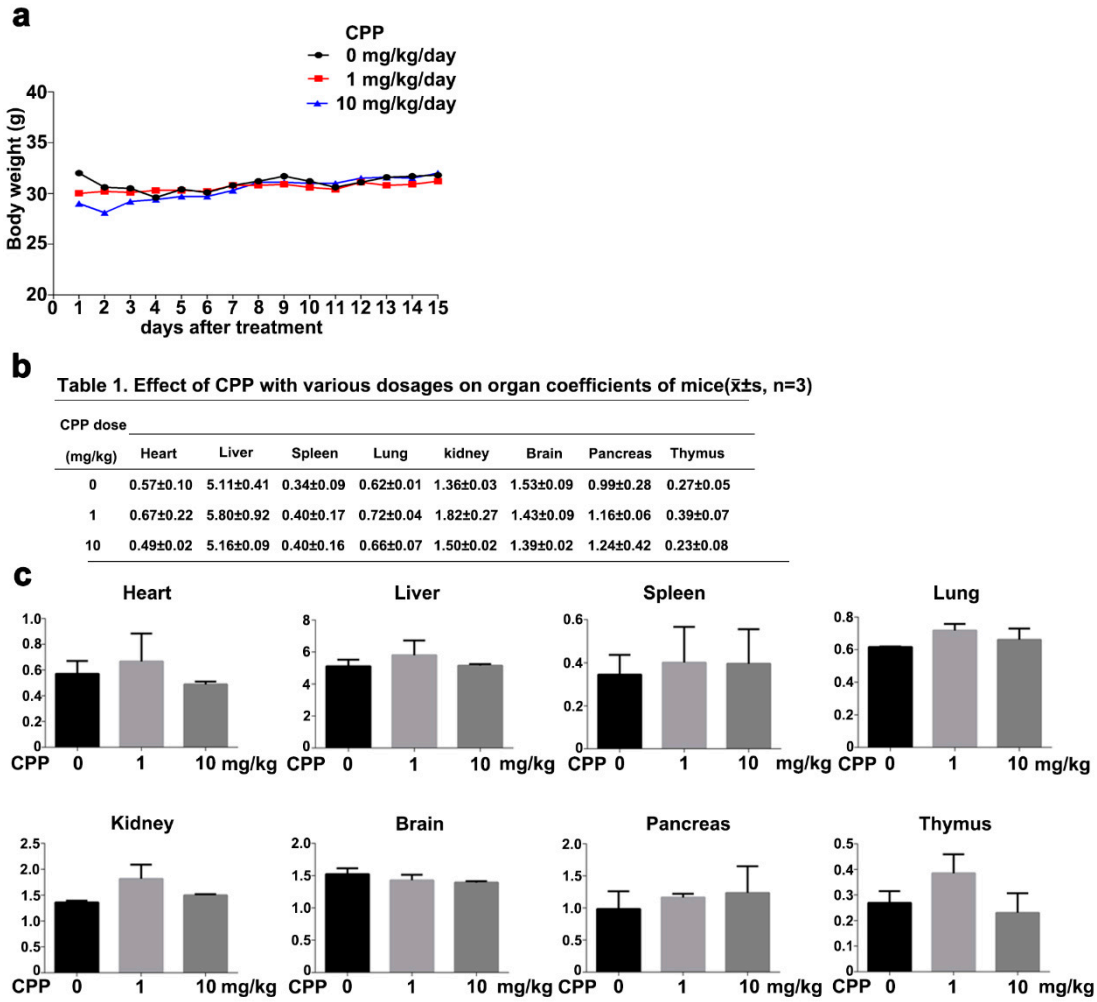

Figure S2. In vivo toxicology experiment. Mice were injected intraperitoneally with CPP (0 mg/kg/day, 1 mg/kg/day or 10 mg/kg/day) for two weeks (D14), and then the body weights (a) and organ coefficients (b,c) were measured.

Table S1. the qPCR primers.

Primers	FORWARD	REVERSE
CD31	5′-TCAGACGTGCAGTACACGGA-3′	5′-CTTTCCACGGCATCAGGGAC-3′
CD133	5′-GTGGCGTGTGCGGCTATGAC-3′	5′-CCAACTCCAACCATGAGGAAGACG-3′
Vimentin	5′-GGTGGACCAGCTAACCAACG-3′	5′-TTGCAGGGTGTTTTCGGCTT-3′
VEGF	5’-ATCGAGTACATCTTCAAGCCAT-3’	5’-GTGAGGTTTGATCCGCATAATC-3′
FGF-2	5′- CATCAAGCTACAACTTCAAGCA-3′	5′-CCGTAACACATTTAGAAGCCAG-3′
PDGF-BB	5′-ACCGCACCAACGCCAACTTC-3′	5′-TCTTCCGCACAATCTCGATCTTTCTC-3′
CDH5	5′- AAAGAATCCATTGTGCAAGTCC-3′	5′- CGTGTTATCGTGATTATCCGTG-3′
eNOS	5′-GATGTTACCATGGCAACCAAC-3′	5′-GAAAATGTCTTCGTGGTAGCG-3′
ANGPT1	5′- GGGAGGTTGGACTGTAATACAA-3′	5′-TGTCATACTGTGAATAGGCTCG-3′
vWF	5′-CCTGTTACTATGACGGTGAGAT-3′	5′-CATGAAGCCATCCTCACAGTAG-3′
Collagen1	5′- AAAGATGGACTCAACGGTCTC-3′	5′- CATCGTGAGCCTTCTCTTGAG-3′
FAP	5′-GAGTCCAGAATGTTTCGGTCCTGTC-3′	5′- AACAAAGAATCCACCAGCCCATCC-3′
FSP1	5′- GACTGGATTCATTGGTTTGGAC-3′	5′- CTCCAGAGTACCGGATATATGC-3′
ACTA2	5′-CTTCGTTACTACTGCTGAGCGTGAG-3′	5′- CCCATCAGGCAACTCGTAACTCTTC-3′
HIF1-α	5′-AAGTGTACCCTAACTAGCCG-3′	5′-TCACAAATCAGCACCAAGC-3′
HEY1	5′-TGGCAGAAGTTGCGCGTTAT-3′	5′-CGCTGGGAAGCGTAGTTGTT-3′
β-Actin	5′- CCTGGCACCCAGCACAAT-3′	5′-GCCGATCCACACGGAGTACT-3′