Figure S1. HQQR cytotoxicity. (A) CCK-8 assays were performed to examine the proliferation of primary cardiomyocytes at 0 and 24 h after treatment with various doses of HQQR solution (0, 0.05, 0.1, 0.2, 0.5 and 1 mg/ml). *P<0.05, **P<0.01 and ***P<0.001, vs. the 0 mg/ml HQQR group; $^{\#}$P<0.05 and $^{\#\#}$P<0.01 vs. 0.1 mg/ml HQQR group. (B) CCK-8 assays to examine the proliferation of primary cardiomyocytes at 0, 12, 24 and 48 h after treatment with 0.2 and 0.5 mg/ml HQQR solution. *P<0.05, **P<0.01 and ***P<0.001 vs. the 0 mg/ml HQQR group. OD, optical density; HQQR, Huoxue Qianyang Qutan recipe; CCK-8, Cell Counting Kit-8.

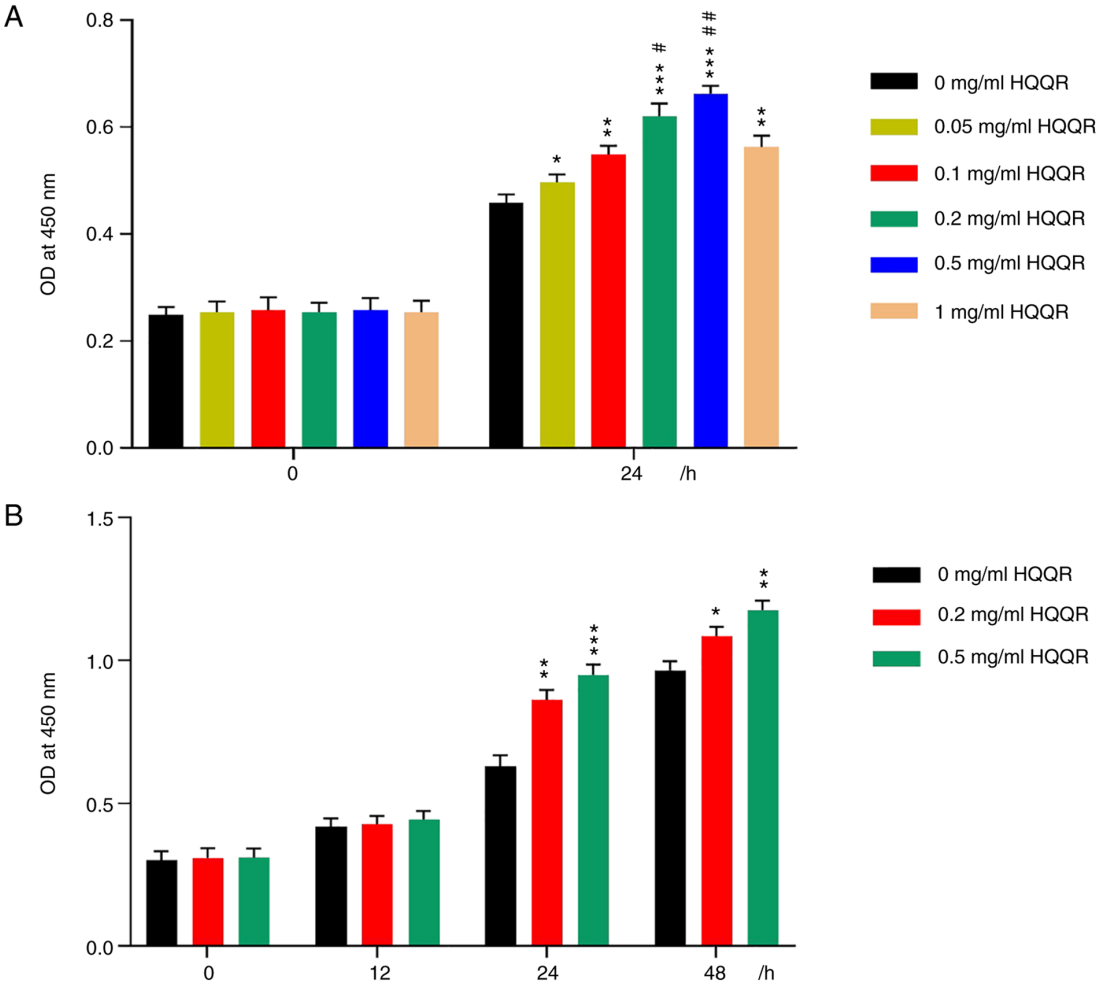

Figure S2. Protein expression levels of apoptosis-related proteins Bax, Bcl-2 and cleaved caspase 3 were examined using western blotting. ***P<0.001 vs. the vehicle group; #P<0.05, ##P<0.01 and ###P<0.001 vs. the Ang II + vehicle group. HQQR, Huoxue Qianyang Qutan recipe; Ang II, angiotensin II.

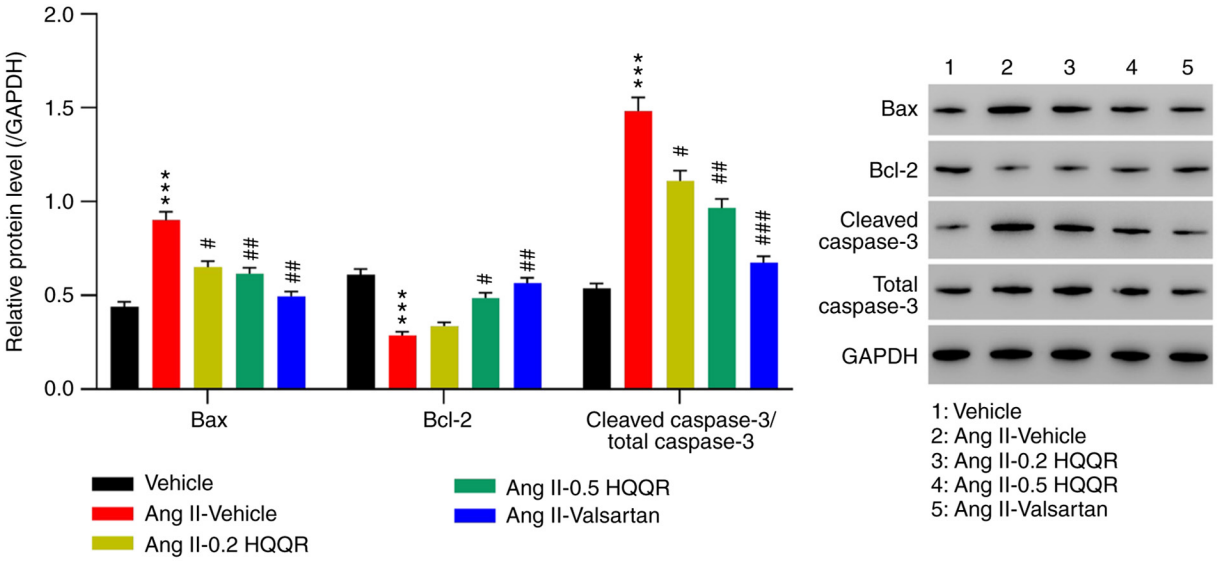

Figure S3. (A) mRNA levels of SIRT1, PGC-1α, NRF1, Tfam, NDUFA13, SDHB, COX IV, COX1 and ATPase 6 in primary cardiomyocytes were examined via reverse transcription-quantitative PCR. (B) Histogram of protein levels quantification was shown. **P<0.01 and ***P<0.001 vs. the vehicle group; $^{\#}$P<0.05, $^{\#\#}$P<0.01 and $^{\#\#\#}$P<0.001 vs. the Ang II + vehicle group. HQQR, Huoxue Qianyang Qutan recipe; Ang II, angiotensin II; SIRT1, sirtuin 1; mtDNA, mitochondrial DNA; PGC-1α, peroxisome proliferator-activated receptor-gamma coactivator-1α; NRF1, nuclear respiratory factor 1; Tfam, mitochondrial transcription factor A; NDUFA13, NADH:ubiquinone oxidoreductase subunit A13; SDHB, succinate dehydrogenase complex iron sulfur subunit B; COX IV, cytochrome *c* oxidase subunit IV; COX1, anti-cyclooxygenase 1.