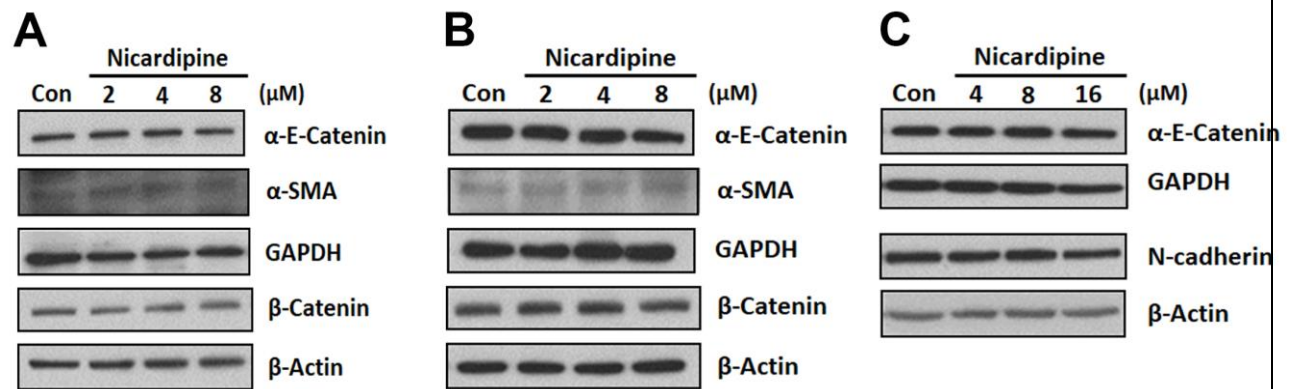


Materials	Brand (Catalog Number)
Nicardipine	Cayman (17537), reconstitute in DMSO
HO-1 antibody	Enzo (ADI-SPA-895)
α E-catenin antibody	Santa Cruz (sc-1495)
β -catenin antibody	Abcam (ab16051)
α SMA antibody	Abcam (ab5694)
N-cadherin antibody	Santa Cruz (sc-59987)
α -Tubulin antibody	Sigma-Aldrich (T5168)
β -Actin antibody	Sigma-Aldrich (A5441)
GAPDH antibody	BioLegend (649202)
Anti-mouse antibody	Cell Signaling (#7076)
Anti-rabbit antibody	Cell Signaling (#7074)
MMP9 ELISA kit	Abcam (ab253227)

Primers	Sequences
Human HO-1	F: CCAGGCAGAGAATGCTGAGTTC R: AAGACTGGGCTCTCCTTGTTGC
Mouse HO-1	F: CAGCCCCACCAAGTTCAAAC R: AGGCGGTCTTAGCCTCTTCTG
Mouse MMP-2	F: CGGTTTATTTGGCGGACAGT R: GCCTCATAACAGCGTCAATCTT
Mouse MMP-9	F: CCCTGGAACTCACACGACATC R: TCACACGCCAGAAGAATTTGC
Human Nrf2	F: CACATCCAGTCAGAAACCAGTGG R: GGAATGTCTGCGCCAAAAGCTG
Mouse Nrf2	F: CGAGATATACGCAGGAGAGGTAAGA R: GCTCGACAATGTTCTCCAGCTT
Human 36B4	F: CGACCTGGAAGTCCAACTAC R: ATCTGCTGCATCTGCTTG
Mouse 36B4	F: AGATGCAGCAGATCCGCAT R: GTTCTTGCCCATCAGCACC

Supplementary Figure 1. Materials and primers used in quantitative real time PCR.

Supplementary Figure 2



Supplementary Figure 2. The expression of markers of epithelial-mesenchymal transition on breast cancer cells. Under the treatment of nicardipine for 24 hours, the expression of epithelial and mesenchymal markers on MDA-MB-231 (A), 4T1 (B), and JC (C) cells were no significant influenced. Representative data from three independent experiments were shown here.