

SUPPLEMENTARY TABLES

Supplementary Table 1. siRNA sequences and primer sequences.

| | Sequencing |
|----------------|--|
| si-SDC1 | Sense: CCUGCCGCAAAUUGUGGCUACUAAU Antisense: AUUAGUAGCCACAAUUUGCGGCAGG |
| si-SDC4 | Sense: GACCUCCUAGAAGGCCGAUACUUCU Antisense: AGAAGUAUCGGCCUUCUAGGAGGUC |
| CDH1 | Forward: 5'-CGAGAGCTACACGTTACGG-3' Reverse: 5'-GGGTGTCGAGGGAAAAATAGG-3' |
| CDH2 | Forward: 5'-AGCCAACCTTAACTGAGGAGT-3' Reverse: 5'-GGCAAGTTGATTGGAGGGATG-3' |
| VIM | Forward: 5'-GACGCCATCAACACCGAGTT-3' Reverse: 5'-CTTTGTCGTTGGTTAGCTGGT-3' |
| β -Actin | Forward: 5'-AGGATGCAGAAGGAGATCAC-3' Reverse: 5'-TGTAACGCAACTAAGTCATAG-3' |

Supplementary Table 2. Reverse transcription reaction mixture.

| Reagents | Quantities/μL |
|-------------------------------|-------------------------------------|
| 5 \times gDNA Eraser Buffer | 2 |
| gDNA Eraser | 1 |
| Total RNA | 4 |
| RNase Free dH ₂ O | 3 |
| Total | 10 |

Supplementary Table 3. Reverse transcription reaction system.

| Reagents | Quantities/μL |
|--|-------------------------------------|
| Reverse transcription reaction mixture | 10 |
| PrimeScript RT Enzyme Mix I | 1 |
| RT Primer Mix | 4 |
| 5 \times PrimeScript Buffer 2 | 4 |
| RNase Free dH ₂ O | 1 |
| Total | 20 |

Supplementary Table 4. qRT-PCR reaction system.

| Reagents | Quantities/μL |
|-------------------------------------|-------------------------------------|
| SYBR Premix Ex Taq TM II | 5 |
| Forward Primer (10 μ M) | 0.2 |
| Reference Primer (10 μ M) | 0.2 |
| Template DNA | 1 |
| ddH ₂ O | 3.6 |
| Total | 10 |