### Supplementary file 1

#### Table S1. Human Primer

| Gene                     | Sequence                                      | GenBank                  |
|--------------------------|-----------------------------------------------|--------------------------|
| **β-Actin**              | F: TTGCGCTCAGGAGGAGCAAT                       | NM_001101.5              |
|                          | R: TTCCAGCTCTCCCTCTCTCTGG                    |                          |
| **Prepro Endothelin-1**  | F: TCAGCAACACGATCAAGACC                      | NM_001955.5              |
| (ppET-1)                 | R: TCCCCAGACAGCAAGAGAG                      |                          |
| **Endothelin A receptor**| F: TGATAGCCCATCCTTGCCCTT                     | NM_001957.4              |
| (ETAR)                   | R: CTGTACCTGTCAACACTAAGAGCG                  |                          |
| **Endothelin B Receptor**| F: GGTACTTGGAATCTGGACATCTGTA                | NM_000115.5              |
| (ETBR)                   | R: AGGTCTTAGTGGGTGCCGT                      |                          |
| **KEAP-1**               | F: TCGGCTTACACGCGCCT                       | NM_002500.2              |
|                          | R: GAAGTTGGCGATGCCGATG                      |                          |
| **NRF2**                 | F: TCAGCGACGGAAGAGATGTA                     | NM_006164.5              |
|                          | R: CCACTGTCTGGACTGATG                      |                          |
| **Caspase3**             | F: GTGAACCCCGGTTAAGATCGA                    | NM_004346.4              |
|                          | R: TCGGTCTGGTACAGATGTGG                     |                          |
| **Caspase9**             | F: CGGAAGCGGACTGAGGGAGGC                   | NM_001278054.1           |
|                          | R: CCATGCGAGACTTGGCCGT                    |                          |
| **Bax**                  | F: CATGGTTCTGTACGGCAACCTTC                  | NM_001291428.2           |
|                          | R: AGGCCCTTGGACCCAGGT                         |                          |
| **BCL-2**                | F: TCACCTGTTGGCCAGAGATGG                    | NM_000633.2              |
|                          | R: AGATGTCACCAGCCGCTGAC                     |                          |
| **E-Cadherin**           | F: CGGGGATGCGAGTGAGTGATGC                   | NM_004360.5              |
|                          | R: AGGATGTGGTAAGCGATGG                      |                          |
| **Vimentin**             | F: AGGAGGAGATGCTTCCAGAGAG                   | NM_003380.5              |
|                          | R: CCACCTTGCATTCTCAAGGTCAAGAC               |                          |
| **N-Cadherin**           | F: GGCATCAGGCTCCACAGT                       | NM_001792.5              |
|                          | R: GGTGGAGGAGAAGAAGAGACAG                   |                          |
| **β-Catenin**            | F: GAGGCTGCCATCTGTGCTC                      | NM_001330729.2           |
|                          | R: AC CAAAGGTGCATGTG                       |                          |
| Gene                        | Sequence                              | GenBank    |
|-----------------------------|---------------------------------------|------------|
| **β-Actin**                 | F: TGTTGTCCCTGTATGCGCTCT             | NM_031144.3|
|                             | R: TAATGTCACGCACGATTCC               |            |
| **Prepro Endothelin-1 (ppET-1)** | F: GTTGCTCCTGTCCTCCTCCTTG          | NM_012548.2|
|                             | R: GCATGGAGAGCGCAGAGTTG             |            |
| **Endothelin A receptor (ETAR)** | F: TCCCCTCTTCACTTAAGCGGAA     | NM_012550.2|
|                             | R: GCAACAGAGGCATGACTGAAAA           |            |
| **Endothelin B Receptor (ETBR)** | F: TTGCTCGACAGGACTGGCCA          | NM_017333.1|
|                             | R: AAGCATGCAACCCCTTACGGGG          |            |
| **KEAP-1**                  | F: CAGCGTGCTCGGGAGTAT               | NM_057152.2|
|                             | R: GTGTGACAGGTTGAAGAAACTCCT         |            |
| **NRF2**                    | F: AGCATGATGGACTTGGAATTG           | NM_031789.2|
|                             | R: CCTCAAAGGATGTCAATCAA             |            |
| **Caspase3**                | F: AAATTCAAGGGACGGGTAC             | NM_012922.2|
|                             | R: ATGACACAATACACGGGATCCT          |            |
| **PGC-1α**                  | F: ATGTTGTCGCTTTCTTGCTCT           | NM_031347.1|
|                             | R: ATCTACTGCGCTGGGACCTT            |            |
| **TFAM**                    | F: GCTAAACACCGATGCAAAA             | NM_031326.1|
|                             | R: CGAGGTCTTTTTTGGTTTCC            |            |

**Word Abbreviation List**

EMT: Epithelial-to Mesenchymal Transition, ET-1: Endothelin-1, ETAR: Endothelin A Receptor, ETBR: Endothelin B Receptor, GPCRs: G-Protein Coupled Receptors, ERA: Endothelin Receptor Antagonist, CIS: Cisplatin, CUR: Curcumin, VSMC: Vascular Smooth Muscle Cell, EC: Endothelial Cell, KEAP1: Kelch-like ECH-Associated Protein 1, NRF2: Nuclear factor erythroid-2-related factor 2, PGC-1α: Peroxisome Proliferator-Activated Receptor-Coactivator 1 α (PGC-1α), TFAM: Mitochondrial Transcription Factor a