### Supplementary Table 1. RT-PCR primers.

| Gene names    | Sense          | Antisense                     |
|---------------|----------------|-------------------------------|
| Human-p16     | AGGGCTTCCCTGGACACGCTGGTGGT | CGGCATCTATGCGGCATGGTTA       |
| Human-p21     | TGATTAGCAGCGGAACAAAGGAGT   | TGGAGAAACGGGAAACCAGGACAC     |
| Human-Rb1     | CTCAGATTCACCTTTATTTGAT    | CAGACAGAAGGCGTTCCAAGAAGT     |
| Human-Meis1   | GACCAAGAAGAGAGAGCGGATGA   | CGCCCGAGTCAGTGACGATAAAAA     |
| Human-Meis2   | GTCTGCTCTCCTCGACTCCTTCA   | ATCGCAGATTCGTGACACTTTTT      |
| Human-Nanog   | ACCTATGCTGTGATTGTGGG      | AGAAGTGGGTGTGTTGCTTTTG      |
| Human-GAPDH   | GAATGGGCAGCCGTTAGGAAAGC   | AGCATCAAGCCGAAAGAAGATAC      |
| Mouse-Nanog   | CCTGATTCTTCTACCAGTGCCAAAC | CACAGTCCCCATCTTGCTTCC        |
| Mouse-IL1β    | CAAGCAATACCCAAAGAGAAGAAGA| ATTAGAAGACGTTCCAGCCCATAC     |
| Mouse-IL-6    | GGAGCCCAACAGAAGTAGTCAA    | GTACAGCAGCAGCAGTGCCAAAGA     |
| Mouse-IL-8    | GGCTTTGCGTTGTATTGGAAGCT  | AGCGGATGTGCTTATGTCTCCT       |
| Mouse-TNF-α   | CATTTGGAGGAGGTAATGAGGAC   | AAGCGAGAAAGACTAAAGAGGAA      |
| Mouse-α-SMA   | CCCAGATTATGTTTGAGACCTTC   | ATCTTCCAGATCCAGCACAATAC      |
| Mouse-Oct4    | TTCCCTCTGTTCCCGCTACTGCT  | GTCTACCTCCCTGCTCGCTTGC       |
| Mouse-Rex1    | AGGGAGAATGGTGGCTCTGGTCA   | TGTCATCGTCACTATGCTTGTGGCC    |
| Mouse-Collα   | CTTCTGCTCTCCGTGTCTCCCC    | AAGCCTCGGTGTCCCTTCATCCTCC    |
| Mouse-GAPDH   | AGGTCGCTGGTGGAACGGATTTG   | TGAGACCAGTAGTGGAGTGGCTCA     |