Table S2: The list of primers.

| Symbol       | Specie | Forward Sequence       | Reverse Sequence       |
|--------------|--------|------------------------|------------------------|
| GAPDH        | human  | 5′-ACCCACCTCCTCCACCTTTGA-3′ | 5′-CTGTTGCTGTAGCCAATTCGT-3′ |
| KLF4         | human  | 5′-GAACGTAGGAGGCACTACCG-3′ | 5′-TTCTGGCAGTGTGGGTACATA-3′ |
| CYCLINE D1   | human  | 5′-TGATGTGGTGAATGACAGCTT-3′ | 5′-TCCCTCCCTCAGTACAGCTT-3′ |
| NANOG        | human  | 5′-TTCCCTCCTCCATGGATCTG-3′ | 5′-TGTTTCTTGACTGGGACCTTG-3′ |
| IL-6         | human  | 5′-AGCAGGCAACCCCCATTAAC-3′ | 5′-AGTTGTCATGTCCTGCAGCC-3′ |
| COX-2        | human  | 5′-GTTCCACCCGCAGTACAGAA-3′ | 5′-AGGGCTTCAGCATAACGCTT-3′ |
| SOCS6        | human  | 5′-GGCCGCCTCCCGGAAAT-3′ | 5′-TGGCTAGCGATGTTTGGTGT-3′ |
| GADD45A      | human  | 5′-GAGAGCAAGAAGACCCGAAAGGA-3′ | 5′-CACAACCACCAGTTATCGGG-3′ |
| BCAT1        | human  | 5′-AGCCCTCGCTTTGACTCTT-3′ | 5′-CCAGGCTTCCTACATCTGGGA-3′ |
| EIF4EBP1     | human  | 5′-CTATGACCGGAAATTCTGATGG-3′ | 5′-CCCGCTATCTTCTGCTGCTA-3′ |
| MYC          | human  | 5′-GGCTCCTGGCAAAAGGTCA-3′ | 5′-CTGCTAGTTGTGCTGATGT-3′ |
| TMEM200B     | human  | 5′-CTGGCTCCTGGTGAACATT-3′ | 5′-CCCTCCCTAATTTGGCATAG-3′ |
| CDC6         | human  | 5′-ACCTATGCAACACTCCCAT-3′ | 5′-TGACTAGTTCTCTTTGCTAGGA-3′ |
| GINS1        | human  | 5′-TGATGACCGCTTGGCTTG-3′ | 5′-TGATGACCGCTTGGCTTG-3′ |
| Gene   | Type | Forward Primer                     | Reverse Primer                     |
|--------|------|------------------------------------|------------------------------------|
| MALSU1 | human| 5'-CATACTGCTCCACAAATTTACAT-3'      | 5'-TCGGGTAGAAGTTCCACTAACA-3'       |
| BMP4   | human| 5'-ATGATTCCTGGTAACCGAATGC-3'      | 5'-CCCCTCTCAGGATATCAACT-3'         |
| CTGF   | human| 5'-CAGCATAGGACGTTCCTG-3'          | 5'-AACCACGTTTGGTCTTGG-3'           |
| KRAS   | human| 5'-TGCTGCTGCGGCAATAAA-3'          | 5'-TCTGGCTAAGTCCTTGCGCT-3'         |
| HA tag | human| 5'-ATGACCATACGATGGTTCAGATT-3'     | 5'-GTAGGGAATCCTCTATTTGGATCATATT-3' |