

**Supplementary Table 1.** The sequence of the primers used in this study

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**RT-PCR**

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TET1-Forward	5'-CCTTTGGGAACCGACTCCTC-3'
TET1-Reverse	5'-CACAAAGGTTTTGGTCGCTGG-3'
TET2-Forward	5'-CTCGCATGCAAGTCACGTCC-3'
TET2-Reverse	5'-ATGTTTGCCAGCCTCGTTCT-3'
TET3-Forward	5'-ACCTGCCAGGCCTTTATGAC-3'
TET3-Reverse	5'-CCAGCCTTTATTTCCACCTCCT-3'
EpCAM-Forward	5'-TTGCTCAAAGCTGGCTGCCA-3'
EpCAM-Reverse	5'-GGATCCAGTTGATAACGCGT-3'

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**ChIP primer**

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TET2-ChIP-Fowrward	5'-GGGCTCTTACGAGAGGCAAC-3'
TET2-ChIP-Reverse	5'-CGGCCACCTTCTGTTTACT-3'
EpCAM-ChIP-Forward	5'- GGATTGGAGCAGAGTTGTG-3'
EpCAM-ChIP-Reverse	5'- AAGGCCATTTCCCTACCAAG-3'
TET2-ChIP p65-1- Forward	5'- CTTCTTAGCAACAATGCGACA-3'
TET2-ChIP p65-1- Reverse	5'- TATGGGATCACTGCATGGTG-3'
TET2-ChIP p65-2- Forward	5'- CACCATGCAGTGATCCCATA-3'
TET2-ChIP p65-2- Reverse	5'- TTCCCCTTCTAATGCTCCT-3'
TET2-ChIP p65-3- Forward	5'- TGGGCTTTGTTCTTCATCTCA-3'
TET2-ChIP p65-3- Reverse	5'- GAAACCGACCGATAACAGAGC-3'
TET2-ChIP p65-4- Forward	5'- TCAGGGAAAATCAAGCATCC-3'
TET2-ChIP p65-4- Reverse	5'- ACCCCCTACTTCTCGCTAGG-3'

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