**Table S1** Primer of KLF6 and splicing variants

|  |  |  |
| --- | --- | --- |
| Gene |  | Sequence (5’—3’) |
| total-KLF6 | FP\* | CTGCCGTCTCTGGAGGAGT |
|  | RP△ | TCCACAGATCTTCCTGGCTGTC |
| wt-KLF6 | FP | CGGACGCACACAGGAGAAAA |
|  | RP | CGGTGTGCTTTCGGAAGTG |
| SV1 | FP | CCTCGCCAGGGAAGGAGAA |
|  | RP | CGGTGTGCTTTCGGAAGTG |
| SV2 | FP | TCGGGGAAGCCAGGAGAA |
|  | RP | CGGTGTGCTTTCGGAAGTG |
| SV3 | FP | CGGACGCACACAGGTGTT |
|  | RP | TCTGCTCCCTCAGAGGTGCC |

**Table S2** Primer and probe sequences of quantitative RT-PCR

|  |  |  |
| --- | --- | --- |
| Gene |  | Sequence (5’—3’) |
| KLF6-SV2 | FP | ACTTCGGGGAAGCCAGGAGAA - |
|  | RP | GTGCTTTCGGAAGTGCCTGGT  |
|  | Probe | FAM- AAAAGCCTTACAGATGCTCATGGGAAGG -TAMARA |
| GAPDH | FP | ATGGAAATCCCATCACCATCTT  |
|  | RP | ACGTACTCAGCGCCAGCAT |
|  | Probe | VIC-CAGGAGCGAGATCCCTCCAAAATCAAGT-TAMARA |
| p53 | FP | CCAAGTCTGTGACTTGCACGTACT |
|  | RP | GCTGCACAGGGCAGGTCTT |
|  | Probe | FAM-CCTGCCCTCAACAAGATGTTTTGCCAACTG-BHQ1 |
| p21 | FP | TCACTGTCTTGTACCCTTGTGC |
|  | RP | AAATCTGTCATGCTGGTCTGC |
|  | Probe | FAM-TCGCTCAGGGGAGCAGGCTGAAGGGTCCCCAGGT-BHQ1 |
| Bax | FP | GGATGCGTCCACCAAGAA |
|  | RP | TGTCCACGGCGGCAATCA |
|  | Probe | FAM-CTGAGCGAGTGTCTCAAGCGCATCGGGGA- BHQ1 |

\*FP means forward primer; △RP means reverse primer.