Appendixes

TableS1 Primers used to assay the target genes expression by RT-qPCR

|  |  |  |  |
| --- | --- | --- | --- |
| Gene name | Forward primer (5'-3') | Reverse primer (5'-3') | Length |
| CDKN1B | GCTTCCCGACTTCTACTTC  | TGTCCTCTGAGATTCCCTG | 135 |
| CyclinD1 | TTCCACTAACACTTTCCTCTC  | GGTCTGCTTCGTCCTCTAC | 184 |
| CDK6 | GATTGACTCCCAGAAGAAGA | GTGAGACAGGGCAGCATAG | 188 |
| MDM2 | GAGTCCAGTCTGCCTGTTAG | GTCCTCTTCTTCAGTTTTCTT | 137 |
| GADD45 | TTAGCTCAGCGTCGGG | TTGCACGATGTGGATGTC | 175 |
| PCNA | TAAGCAAATCAGGAAAAGGT  | CACAGGAGATGACAACAGC | 175 |
| CASP6 | GTTTGTTTGTGTGTTCTTGAGT | GGTTATCTTTGGCTTTCCTA | 134 |
| BID | TCACAGGCAGTGGAAGG | TTGTGTTGGCTGATGTAGTT | 166 |
| ENDOG | GTCATCGAGCAGCTCAACC | ATGCTTCTGCTGTATTTCTC | 257 |
| cIAP1 | AGCATCGGAGGCACTTTC | GCTGAACTGGAATCCGAGT | 146 |
| CFLAR | ACGCCCTTGAAAGACACT | ACCAAACAACGCAGATAATA  | 120 |
| PDPK1 | GTGTGGTGTTGTGTTCCTG | TATCCCTGTCTGCTGCC | 100 |
| HIF1A | TTGTTCCATCATCTCCTGTC | CTGTTCCAATGTTCCTTTTC | 122 |
| S6K1 | AGGAGTGGGCATAATCGT | ATGGCTTCTTGTGTGAGGT | 153 |
| eIF4E | TCACTAACCAAACAGCAGAG | AACAACAGCACCACATACAT | 117 |
| AKT1 | TTGAGTTGTTTTTCCATCTGT | TTATGTGCCCGTCTTTATC | 167 |
| TSC1 | TCTCTCTTTCATCGGCTTT  | ATTGGCTTGACTACCTCTTC | 113 |
| TSC2 | TGTGGGTGAGTTTCTGTTG | GTCTGAGCCTGATTCTGTG | 155 |
| mTOR  | TCCCTTATCCTCACCACTC | TCACGGTTCATTCCTTTCT | 128 |

Table.S2 Primers used for RT-qPCR identification of miRNAs

|  |  |  |
| --- | --- | --- |
| miRNA ID | Primers(5'-3') | Length |
| gga-miR-21-3pgga-miR-22-3pgga-miR-29a-3pgga-miR-29c-3pgga-miR-30a-3pgga-miR-30a-5pgga-miR-30c-2-3pgga-miR-106-5pgga-miR-140-3pgga-miR-140-5pgga-miR-142-3pgga-miR-146a-5pgga-miR-148a-3pgga-miR-155gga-miR-183gga-miR-203agga-miR-204gga-miR-214gga-miR-218-5pgga-miR-221-3pgga-miR-221-5pnovel-72U6 | RT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACGACAGCF: GGCAACAACAGTCGGTAGRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACACAGTTF: GCTTCGACGGTCAACTTCRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACAACCGAF: CTCGTAGCACCATTTGAAART: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACACCGATF: CTCGATAGCACCATTTGAAART: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACGCTGCAF: CGAAAGTCAGCCTACAAACRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCTTCCAF: CGGACATTTGTAGGAGCTRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACAGAGTAF: TGTGGGAGAAGGCTGTTTRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTACCTGF: GCCTTTTCACGAATGTCACRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACGTCCGTF: GCGGTGTCCCATCTTGRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCTACCAF: GCCTCACCAAAATGGGRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCCATAAF: AGGGCTGTAGTGTTTCCTACTRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACAACCCAF: CTGCAGAGAACTGAATTCCART: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACACAAAGF: CCGTCAGTGCACTACAGART: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCCCCTAF: ACGGTTAATGCTAATCGTGART: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCAGTGAF: GCCATACCGTGACCATCTRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCAAGTGF: GCCCACTTTACAAATCCTRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACAGGCATF: CGAAGGGAAACAGTAGGATRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCTGCCTF: TGACAGCAGGCACAGACART: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACACATGGF: GGCCAACACGAACTAGATRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACGAAACCF: GCCTCGATGTAACAGACGRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACACAGAAF: GCCTTGGACCGTATGTTRT: GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACAATTCAF: GGCGTCCTTGTTGACTTCR: GTGCAGGGTCCGAGGTF: GGAACGATACAGAGAAGATTAGCR: TGGAACGCTTCACGAATTTGCG | 5018501850195020501950185018501950165016502150205018502050185018501950185018501850175018162322 |