### Supplementary Table S1 The sequences of primers and probes used in qPCR analysis

| Genes | Primer/probe | Sequence 5′-3′ |
|-------|--------------|----------------|
| KRT7  | KRT3_F1      | GGTACCAGACCAAGTTTGGAGA |
|       | KRT3_R1      | CATTCCGGGTATTCGGAGG |
|       | KRT3_FP      | AGGCTGGAAGCATGGGGAGA |
| TK1   | TK1_F1       | CTCGCTACAGCAGCAGCTTCT |
|       | TK1_R1       | CTCGCAAGAATCCACGAGTGC |
|       | TK1_FP       | CCTGCTCCGAGACGTGGCCTA |
| CDK1  | CDK1_F1      | GATCTACCATACCCATTGACTAAT |
|       | CDK1_R1      | ACCTGTAGTTTGTGTACTCC |
|       | CDK1_FP      | CTCCATAG+GTAC+CTT+CTCAAATTTTCTC |
| MYBL2 | MYBL2_F1     | TTGTGGATGAGGATGTTAG |
|       | MYBL2_R1     | TGAGGCTGGAAGAGATGTGAAG |
|       | MYBL2_FP     | ATGTCACCACCTGCCAAATCTTATCC |
| TPX2  | TPX2_F1      | CATTCCAGACCTTGGCCTACT |
|       | TPX2_R1      | GTTCGTCCTCTTCTCACCCTTC |
|       | TPX2_FP      | TTCAATCACCAGTCCCAAGTCAC |
| FOXM1 | FOXM1_F1     | TGCACTAGGGTGATGATAC |
|       | FOXM1_R1     | AAGCCACTGGATGTGTGAG |
|       | FOXM1_FP     | CTTTTCGCGACGAAGACGGGAGA |
| UBE2C | UBE2C_F1     | GTCGTTGTTCCTGAGTCTTCTG |
|       | UBE2C_R1     | CTCCTGTAGTCCATTTGCCC |
|       | UBE2C_FP     | ACCCAGCGCCACCTACGTGC |
| BIRC5 | BIRC5_F1     | CCCAGTGTTTCTTCTCCCAA |
|       | BIRC5_R1     | TGTTCTGCTGCTTCTCAGTCC |
|       | BIRC5_FP     | CCAGATGACGACCCCATAGGAGAACA |
| CDC20 | CDC20_F1     | ACAAATGCGCGCAAGGGTTAT |
|       | CDC20_R1     | CAAATCCACAAGGTGGTAGGATAAT |
|       | CDC20_FP     | TTCCTCCCTGACAGCCTATCCT |
| S100A2| S100A2_F1    | CCAGCTTTTGGGGAGGAAA |
|       | S100A2_R1    | GTGACAGCCTGAAGAGCACG |
|       | S100A2_FP    | ATGAGGAGGGCTGAGAAGACTGA |
| MMP11 | MMP11_F1     | AAGAGTTCTGCTTTCTGG |
|       | MMP11_R1     | TCACATCGCTCCATCCTTATA |
|       | MMP11_FP     | CGGAGAGACGGAGACCTACCT |
| CCNB1 | CCNB1_F1     | GCTTCTCTGATGTAATTCTG |
|       | CCNB1_R1     | GTATTTTGTGCTGACTGCTTG |
|       | CCNB1_FP     | TCAGCTCCATCTTCTGCATCCCATC |
| SLC25A6| SLC25A6_F1  | GCCTACCTGGGGGCTGTAC |
|       | SLC25A6_R1   | GAAGGGTGAAGACCCAGG |
|       | SLC25A6_FP   | TCACGGTCTGCAGCATCACA |

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