

S1 Table: Primer sequences**RT-PCR**

AR-for	5'-cctggctccgcaacttacac-3'
AR-rev	5'-ggacttgatgcatgcggtactc-3'
Beta-actin-for	5'-gctcgtcgtcgacaacggctc-3'
Beta-actin-rev	5'-caaacatgatctgggtcatcttctc-3'
GAPDH-for	5'-gatttggtcgtattggg-3'
GAPDH-rev	5'-tccacgacgtactcagc-3'
NSE-for	5'-tctgcagtcccagatcccagc-3'
NSE-rev	5'-ctgatgagggtggcgcat-3'
NTS-for	5'-catgctactcctggcttcagct-3'
NTS-rev	5'-actcccagttgaaaagccct-3'
PSA-for	5'-tccaatgacgtgtgtgcgca-3'
PSA-rev	5'-gtgtacaggaaggccttc-3'
TUBB3-for	5'-ctcgagccattctggtggacc-3'
TUBB3-rev	5'-gatgctgtagagcgctcgtt-3'

qRT-PCR

ADAM7-for	5'-cagtgcaatgaaaatcctgtg-3'
ADAM7-rev	5'-tacaggtgcctgtccttct-3'
CCND1-for	5'-gctgtgcatctacacccgaca-3'
CCND1-rev	5'-ttgagcttgtcaccaggag-3'
CNKSR2-for	5'-tggcgtgaagtattcaag-3'
CNKSR2-rev	5'-actcgggtcctctcgtagt-3'
CPEB1-for	5'-agagcagcacactcggtta-3'
CPEB1-rev	5'-agaggcaggaagctcaagg-3'
KCNN2-for	5'-gcctatcagtctctccacga-3'
KCNN2-rev	5'-ctgctccattgtccacca-3'
KLK2-for	5'-ctgcccattgcctaaagaag-3'
KLK2-rev	5'-accctctggcctgtgtctt-3'
KRT34-for	5'-ggagagtgaggactgcaagc-3'
KRT34-rev	5'-ccacaggagtgcactagc-3'
TGM2-for	5'-ggaccaagtacctgctca-3'
TGM2-rev	5'-agaggatgcaaagaggaacg-3'
TGFB2-for	5'-ccttctcccctccgaaac-3'
TGFB2-rev	5'-agagcacctgggactgtctg-3'
miR-17-for	5'-caaagtgcttacagtgcaggtag-3'
miR-20a-for	5'-taaagtgcttatagtgcaggtag-3'
miR-20b-for	5'-caaagtgctcatagtgcaggtag-3'
miR-93-for	5'-caaagtgctgtcgtgcaggtag-3'
miR-106a-for	5'-aaaagtgcttacagtgcaggtag-3'
miR-106b-for	5'-taaagtgctgacagtgcagat-3'
miR-126-for	5'-tcgtaccgtgagtaataatgcg-3'
miR-141-for	5'-taacactgtctgtaaagatgg-3'
miR-148a-for	5'-tcagtgcactacagaactttgt-3'
miR-203-for	5'-gtgaaatgttaggaccactag-3'
miR-720-for	5'-tctcgtggggcctcca-3'
miR-1280	5'-tcccaccgctgccacc-3'
miR-3135b-for	5'-ggctggagcagtgagtggtg-3'
miR-3178	5'-ggggcgcgccgcatcg-3'

cloning primers

CCND1-for-BcuI	5'- <u>ggactagt</u> ctgctggtttctacccaacg-3'
CCND1-rev-SacI	5'- <u>cgagctc</u> gccaaccgtgcctggaagtc-3'
miR-17-for-BamHI	5'- <u>cgggatcc</u> agagccaccacttccagtc-3'
miR-17-rev-BglII	5'- <u>cgagatct</u> actcaacatcagcaggccct-3'
miR-20a-for-EcoRI	5'- <u>cggaattc</u> gcaaaactgatggtgcct-3'
miR-20a-rev-BamHI	5'- <u>cgggatcccc</u> acagtcagtttgcag-3'
miR-20b-for-EcoRI	5'- <u>cggaattc</u> ctaaatgcccttctggcacag-3'
miR-20b-rev-BamHI	5'- <u>cgggatcct</u> gcatggattgcacagcca-3'
miR-106a-for-EcoRI	5'- <u>cggaattc</u> gcttagactctgtaagcca-3'
miR-106a-rev-BamHI	5'- <u>cgggatcct</u> acgctgaaatgcaaaccgt-3'
miR-106b-for-EcoRI	5'- <u>cggaattc</u> ggtaagtgcccaaattgct-3'
miR-106b-for-BamHI	5'- <u>cgggatcc</u> agcacaggatctaggacaca-3'
miR-93-for-EcoRI	5'- <u>cggaattc</u> gggtagctcctaccgtgc-3'
miR-93-rev-BamHI	5'- <u>cgggatcca</u> caggagtggaatccccct-3'

site directed mutagenesis

CCND1-mut-for	5'-ccattccatttcaaCGTCGACcagtccaataggtgt-3'
CCND1-mut-rev	5'-acacctattggactgGTCGACGttggaatggaatgg-3'