

# SUPPLEMENTARY INFORMATION

**Fig. S1. Sequence of 3'UTR of mouse cyclin B1 mRNA**

GCATAACTCCAATGACTGCTACATCTGCAGATGCAGTTGGCACCATGTGCCGCCTGTACATAGGAT  
STOP  
ACCTACCGTGTTTACTTGCTCTTCAATAAAGGTTGTGACTTCTCATTTTACATAGCTTAACTCATTTGA  
PAS1  
ATGTTGTTGCTTCTGAGTTTAGGCTAACGGAGTTGTCGAATTTAGGAGTATATTTAACTGCATCT  
PAS2  
AGTTTTAACAGTGGATCCAAC TAATGTATATATCTGTAGCCTATATGTCTATATACATCCTTCACTGTG  
TGTCCTTATATCATCATGTCTTCTGCCTCACTCTAGTTTAACTCTAAATCTACCAGCTAGTCCTTTGT  
TCCATTTTCCAGTGGTTGCCACCTTTAACCCTGTCTCTTGGTTTGTCAACTTTTCAGATCTGAAACCA  
AGTATCTTTTATTGT AATTATTTATTTGTTCTTAATTGGAAAATAGGATGTTCAAATTTAAAGGTGTG  
CPE PAS3  
TTTTAAAAAGAATTTGCCCCCAAGTCTCACTATCAACAGATAAGGGTGTATTCTTGTATATCCTGTATA  
GATATAATCATGCATATACTCCCAAGGAGATATTTTATATGGGTTCAATTTATCAACAGTATTCCTAT  
CPE CPE  
CAGCATTCTTTCAATGCCTATATTGCATTTCTAGTGTGAACAACTGTGTGTAACATAGTCATTCCC  
TCGGTGGGATTCAAGTGCATTCTCTCAGTGCCCTCCACAGTGTCTTAAATGATGTTTAATGTCTTGC  
TTGGCTTCATTCATAGTAGCTCTTCCAGGGGTGTGCTTTGAATTCTGACAGCCAGATGGGTGTGGCT  
GCCACCATACCAAGGCGCCACTCCTGTCTTGTAAATGCCACCTGGAAAAGAATCCTGTCTCATTGCT  
GTTTTAATTTATACATCTGATATCAAGTTCAATAATTTATTGGTGGAAAGCTTTAAAAAAAAAAAAA  
CPE PAS4

3'UTR of mouse cyclin B1 mRNA contains four polyadenylation signals (PAS1-4, red rectangles) and four CPE-like sequences (CPE, blue rectangles). The forward primer used for poly(A) tail assay is labeled by black arrow. Using this primer, polyadenylation of the cyclin B1 transcript generated by cleavage of cyclin B1 pre-mRNA just downstream of PAS4 is assessed. STOP, stop codon.

**Fig. S2. Sequence of part of coding region and 3'UTR of porcine cyclin B1 mRNA**

TGTGACTGACAATACTTACACTAAGTACCAAATCAGGCAGATGGAAATGAAGATTCTAAGAGCATTAA  
 ATTTTTGTCTGGGTGCGCCTCTACCCCTGCATTTTCTTCGGAGAGCATCCAAGATTGGAGAGGTTGA  
 TGTTGAGTTACATACTTTGGCCAAATATCTGATGGAGCTAACTATGTTGGACTACGATATGGTGCACT  
 TTCTCCTTCTCAGATCGCAGCAGGAGCTTTTTGCCTATCCCTGAAGATTCTTGATAATGGTGAATGG  
 ACACCAACTCTACAGCATTACCTGTCATACACTGAAGAATCCCTTCTTGTTATGCAACACTTGGC  
 TAAGAATATCGTCTGGTGAATCGAGGGCTTACAAAGCACATGACTATCAAGAACAAGTATGCCACA  
 TCTAAGCATGCTAAGATCAGCACTCTAGCCCAGCTGAATTCAGCACTAGTTCAAGATTTAGCCAAGG  
 CTGTGGCAAAGGTCTAACTTGTGAACCTCGGAATACTATAATATCTACAATAAAAATTGGCACCATGT  
 GCCATCTGTACATAATTATGTTACACTTATTTACTTTTAAATAAATTTTGTAGTCCTTTTACTTCTTAA  
 CTCATTTGAATGTGGCTATTTCCCACTTGAGGATAACTTAAAAGTTGTCTTAAAGGTACAGTGGAGAA  
 TGTTTTTTAAAAAATGAAAAGTGTTCAGTTACCTGGGAACCCAACATAATATATACAATTGGCTCTTC  
 TTGTTTTATGACTTTGGCATAACTTAATTAATATGAGTTCATATAGTCTTGAAGCCATTTAATATCTTTA  
 TATGTTACACTGTATGTAAGCTCAGTCATCTTGAGAGAATCTGCTACCTAGTTCTACACAAGGAAGAG  
 TCTACCGTCTCAATCCTAGTCCCCTTGTTTTATATTTCCCTCTGGTGGCTGCAGTCATAATCCTAAATAA  
 TCTACTTGTAACCACTTTCTTAAATTATCAACTTTAGTATCAACTTTTTCACTTGGAAAAATGAGAATTTT  
 AATTTATATTCAAACCTAATTTACTTTTTGTTTATTGGTTAAGAAAATAAAAACAATCCTTAGAACAAA  
 AAAAAAAAAAAAAA

3'UTR of porcine cyclin B1 mRNA contains three polyadenylation signals (PAS1-3, red rectangles) and five CPE-like sequences (CPE, blue rectangles). The forward primer used for poly(A) tail assay is labeled by black arrow. Using this primer, polyadenylation of both long and short cyclin B1 transcript isoforms is assessed. The long and short isoforms are generated by cleavage of cyclin B1 pre-mRNA just downstream of PAS3 and PAS2, respectively. STOP, stop codon.