

## SUPPLEMENTARY TABLES

**Supplementary Table 1. Sequences of primers used in this study.**

<b>Primers for shRNA plasmids construction</b>	
sh-CCNB1IP1-F	5'-CCGGAGGCTACGAAACATCACTATTCTCGAGAATAGTGATGTTTCGTAGCCTTTTTTG-3'
sh-CCNB1IP1-R	5'-AATTCAAAAAAGGCTACGAAACATCACTATTCTCGAGAATAGTGATGTTTCGTAGCCT-3'
sh-TLNRD1-F	5'-CCGGCCCTGCTATCTCAGGCTTTAACTCGAGTTAAAGCCTGAGATAGCAGGGTTTTTTG-3'
sh-TLNRD1-R	5'-AATTCAAAAAACCCTGCTATCTCAGGCTTTAACTCGAGTTAAAGCCTGAGATAGCAGGGT-3'
<b>Primers for RT-qPCR</b>	
H-CCNB1IP1-F	5'-TCGCATCAAACCTCTGGCTA-3'
H-CCNB1IP1-R	5'-TGAGCGACTAAACTCACCCT-3'
H-TLNRD1-F	5'-CGCCAAGATGTCGGACCAC-3'
H-TLNRD1-R	5'-TCTCCCTTAAAGCCTGAGATAGC-3'
<b>Primers for plasmids construction</b>	
CCNB1IP1-5'UTR-F	5'-CTTTTGCAAAAAGCTTCTTCCCTCTCCGTTTTGGTGG-3'
CCNB1IP1-5'UTR-R	5'-TTGGCGTCTTCCATGGTAGGATAGTGAGGTCTCCAGAAGCTGAAGAG-3'
TLNRD1-5'UTR-F	5'-CTTTTGCAAAAAGCTTAAAGATTCTATAGGCTCCAGGGAGG-3'
TLNRD1-5'UTR-R	5'-TTGGCGTCTTCCATGGCGCCCGGGGGGC-3'
mutant-CCNB1IP1-5'UTR-F	5'-TGGTTGAAGACGAAATCCACTGAG-3'
mutant-CCNB1IP1-5'UTR-R	5'-GCCACCAAAAACGGAGAG-3'
mutant-TLNRD1-5'UTR-F	5'-GGGCGTCCGACCGACGCGGGGGCC-3'
mutant-TLNRD1-5'UTR-R	5'-CTGCACGAGTCTCCCTGC-3'

Please browse Full Text version to see the data of Supplementary Tables 2.

**Supplementary Table 2. The transcriptional and translational changes in response to ZnO NP treatment.**