



Figure S1. Effect of cold stress on shoot and root elongation of NT and *LmTrxh2*-transgenic tobacco seedlings. Data are expressed as the mean \pm SEM (n =3). Different lowercases indicate significant difference at $P < 0.05$.

Table S1. Sequences of primers used in PCR and RT-qPCR analysis.

Primers	Sequences
<i>qLmTrxh2-F</i>	5'-TGCTGGTGGTGGATTTTAGC-3'
<i>qLmTrxh2-R</i>	5'-CAAAATCCGGCAGTTCATC-3'
<i>qUBQ-10 -F</i>	5'-GAATACCTCCTTGTCTGGATCT-3'
<i>qUBQ-10-R</i>	5'-GTACTTTGGCGGATTACAACATC-3'
<i>qACT-F</i>	5'-GTGCCCATTACGAACGATA-3'
<i>qACT-R</i>	5'-GAAGACTCCATGCCGATCAT-3'
<i>qNtSOD-F</i>	5'-ATTACCGACAAGCAGATTCCTC-3'
<i>qNtSOD-R</i>	5'-CAACCCTTCCACCAGCATTTC-3'
<i>qNtCAT1-F</i>	5'-TGGATCTCATACTGGTCTCA-3'
<i>qNtCAT1-R</i>	5'-TTCCATTGTTTCAGTCATTCA-3'
<i>qNtERD10C-F</i>	5'-CATGATGACCTGGCAACTTC-3'
<i>qNtERD10C-R</i>	5'-AGCTCTAGCTCGGAGGATGA-3'
<i>qNtLEA5-F</i>	5'-CTCTAACTCCAACTCATCTCT-3'
<i>qNtLEA5-R</i>	5'-CAAAACCCCAGATTCAAGAC-3'
<i>qNtDREB1A-F</i>	5'-ACTGGACGTCCTGAGTGACA-3'
<i>qNtDREB1A-R</i>	5'-GGCATCGGAAGCCAGAAAAG-3'
<i>qNtCOR15A-F</i>	5'-GTCGTCGTTTCTCAACGCAAGA-3'
<i>qNtCOR15A-R</i>	5'-GCTTTCTCAGCTTCTTTACCCA-3'
<i>qNtCOR47-F</i>	5'-TGTCATCGAAAAGCTTCACCGA-3'
<i>qNtCOR47-R</i>	5'-ACCGGGATGGTAGTGGAAGT-3'
<i>qNtKIN1-F</i>	5'-ATGCCTTCCAAGCCGGTCAGAC-3'
<i>qNtKIN1-R</i>	5'-CCGGTCTTGTCTTCACGAAGT-3'