

Supplementary Table S1:

Table S1. The primers used in the study.

Primers for amplifying the TaTDRL

Primer Name	Primer Sequence
TaTDRL-P1-F	5'-ATGGGAGGAGGAGATTATCACC-3'
TaTDRL-P1-R	5'-TCAATCCATGGCGAGGTACTGC-3'
TaTDRL-P2-F	5'-CAATTAGGCACTTGCATTTCTG-3'
TaTDRL-P2-R	5'-GAAACACTTTTCGGTAGTGATG-3'

Primers for real-time PCR

Primer Name	Primer Sequence
TaActin-F	5'-TGTTGTTCTCAGTGGAGGTTCT-3'
TaActin-R	5'-CTGTATTTCTTTTCAGGTGGTG-3'
TaTDRL-qpcr-F	5'-CAACGACCGCCTCTACAAG-3'
TaTDRL-qpcr-R	5'-GCTCCTTCACCTGCTTCTG-3'
AtActin-F	5'-GGTAACATTGTGCTCAGTGGTGG-3'
AtActin-R	5'-AACGACCTTAATCTTCATGCTGC-3'
AtPORC-qpcr-F	5'-TTAGCAGACACAGGGAAATGG-3'
AtPORC-qpcr-R	5'-CAAGCGAAGCAAGATCAAGATG-3'

Primers for transcriptional activation in the yeast GAL4 system

Primer name	Primer sequence
TaTDRL-BD-F	5'-GCCATGGAGGCCGAATTCATGGGAGGAGGAGATTATCACC-3'
TaTDRL-BD-R	5'-CGGCCGCTGCAGGTGCACTCAATCCATGGCGAGGTACTGC-3'
TaTDRL-NBD-F	5'-GCCATGGAGGCCGAATTCATGGGAGGAGGAGATTATCACC-3'
TaTDRL-NBD-R	5'-CGGCCGCTGCAGGTGCACTTCTTGCACTGCTGCCGCTTC-3'
TaTDRL-HLHBD-F	5'-GCCATGGAGGCCGAATTCCTCGAGGCGGAGCGGAAGCGGC-3'
TaTDRL-HLHBD-R	5'-CGGCCGCTGCAGGTGCACTCCTTCACCTGCTTCTGCAGC-3'
TaTDRL-CBD-F	5'-GCCATGGAGGCCGAATTCCTGCAGGACGAGCTGGAGGACC-3'
TaTDRL-CBD-R	5'-CGGCCGCTGCAGGTGCACTCAATCCATGGCGAGGTACTGC-3'
TaTDRL-NHLHBD-F	5'-GCCATGGAGGCCGAATTCATGGGAGGAGGAGATTATCACC-3'
TaTDRL-NHLHBD-R	5'-CGGCCGCTGCAGGTGCACTCCTTCACCTGCTTCTGCAGC-3'
TaTDRL-HLHCBD-F	5'-GCCATGGAGGCCGAATTCCTCGAGGCGGAGCGGAAGCGGC-3'
TaTDRL-HLHCBD-R	5'-CGGCCGCTGCAGGTGCACTCAATCCATGGCGAGGTACTGC-3'
TaTDRL-EGFP-F	5'-CGAGCTCAAGCTTCGAAATGGGAGGAGGAGATTATCACC-3'
TaTDRL-EGFP-R	5'-CGACTGCAGAATTCGAAATCCATGGCGAGGTACTGCAG-3'

Primers for yeast two-hybrid

Primer name	Primer sequence
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TaPIF1-AD-F	5'-CCATGGAGGCCAGTGAATTCATGAGCCAATTCGTGCCAGATT-3'
TaPIF1-AD-R	5'-AGCTCGAGCTCGATGGATCCTCATCTTTGTTTGGGTGTATC-3'
AtPIF1-AD-F	5'-CCATGGAGGCCAGTGAATTCATGCATCATTTTGTCCCTGACT-3'
AtPIF1-AD-R	5'-AGCTCGAGCTCGATGGATCCTTAACCTGTTGTGTGGTTTCCG-3'
TaTDRL-CBD-F	5'-GCCATGGAGGCCGAATTCCTGCAGGACGAGCTGGAGGACC-3'
TaTDRL-CBD-R	5'-CGGCCGCTGCAGGTCGACTCAATCCATGGCGAGGTACTGC-3'

Primers for bimolecular fluorescence complementation assays

Primer name	Primer sequence
AtPIF1-cEYFP-F	5'-CGAGCTCAAGCTTCGAAATGCATCATTTTGTCCCTGACT-3'
AtPIF1-cEYFP-R	5'-CGACTGCAGAATTCGAATTAACCTGTTGTGTGGTTTCCG-3'
TaPIF1-cEYFP-F	5'-CGAGCTCAAGCTTCGAAATGAGCCAATTCGTGCCAGATT-3'
TaPIF1-cEYFP-R	5'-CGACTGCAGAATTCGAATCATCTTTGTTTGGGTGTATC-3'
TaTDRL-nEYFP-F	5'-CGAGCTCAAGCTTCGAAATGGGAGGAGGAGATTATCACC-3'
TaTDRL-nEYFP-R	5'-CGACTGCAGAATTCGAATCCATGGCGAGGTACTGCAG-3'

For construction of a transgene vector

Primer name	Primer sequence
TaTDRL-OE-F	5'-GGGGACTCTTGACCATGGAGATGGGAGGAGGAGATTAT-3'
TaTDRL-OE-R	5'-TTCTTCTCCTTTACTAGTTTACTTATCGTCGTCATCCTTGTAATCATCCATGG CGAGGTA-3'
TaTDRL-EAR-F	5'-GGGGACTCTTGACCATGGAGATGGGAGGAGGAGATTAT-3'
TaTDRL-EAR-R	5'-TTCTTCTCCTTTACTAGTTTAAGCGAAACCCAAACGGAGTTCTAGATCCA GATCCAGATCCATGGCGAGGTA-3'