

Supplementary Data 1: similar sequences to *TdERF1* in *Triticum aestivum* and *Triticum turgidum*. Sequences in red color have not been used for more analysis.

Triticum turgidum

>**Td ERF1 (accession number: KJ689812.1) 1065 bp** (genomic DNA available)

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ATGTGCGGGCGGGCCATCCTCTCCGACATCATCCCGCCGCGCGCCGGGCCACCGGCGGCAACGTCTGGC
GGGCGGACAAGAAGAAGCGGGCCAGGGCCGATGCCGCGCGGGGAGGCCCGCCGCGCGCCCGAGGAGGA
GTTCCAGGAGGAGGGGCGACGCGGAGTTCGAGGCCGACTTCGAGGGGTTTCGTGGAGGCGGAGGAGGATCC
GACGGCGAGGGCAAGCCCTTCCCCGTCCGCAGGAGCGGCTTCTCCGGAGATGGATTGAAGGCAACTGCTG
CTGGTGATGATGACTGTGCTTCAGGGTCTGCTAAAAGGAAGAGAAAGAACCAGTTCAGGGGCATCCGCCG
CCGCCCTTGGGGTAAATGGGCTGCTGAAATAAGAGATCCTCGCAAGGGTGTCCGTGTCTGGCTTGGCACT
TACAACCTGCGCGAGGAAGCTGCCAGAGCCTATGATGTTGAAGCTCGCAGAATTCGTGGCAAGAAGGCAA
AGGTCAATTTCCAGAAGAAGCTCCTATGGCTCCTCAGCAACGCTGCGCTACCTCTGTGAAGGTGCCTGA
GTTCAACACCGAACAGAAGCCAGTACTCAACACCATGGGCAACGCAGATGTGTATTCCTGCCCTGCTGTT
GACTACACCATAAATCAGCAATTTGTGCAGCCTCAGAACATGTTCGTTTGTGCCTACAGTGAATGCAGTTG
AGGCCCTTTTCATGAATTTTTCTTCTGACCAGGGGAGCAACTCCTTTAGTTGCTCAGACTTCAGCTGGGA
GAATGATATCAAGACCCCTGACATAACATCTGTGCTTGCATCCATTCCCACCTCAACAGAGGTCAATGAA
TCTGCATTTCTCCAGAACAACGGCATTAAATTAACCGGTACCTCCTGTGATGGGTGATGCTAATGTGATC
TTGCCGACTTGGAGCCATACATGAAGTTCCTGATGGACGATGGTTCAGATGAGTCAATTGACAGCATTCT
AAGCTGTGATGTACCCAGGACGTGGTCGGCAACATGGGCCTTTGGACCTTCGATGACATGCCCTTGTCT
GCTGGTTTTCTACTGA
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> **TdERF2 (accession number: KJ689810.1) 1068 bp**

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ATGTGCGGGCGGGCCATCCTCTCCGACATCATCCCGCCGCGCGCCGGGCCACCGGCGGCAACGTCTGGC
GGGCGGACAAGAAGAAGCGGGCCAGGGCCGATGCCGCGCGGGGAGGCCCGCCGCGTGCCTGAGGAGGA
GTTCCAGGAGGAGGAGGGGCGACGCGGAGTTCGAGGCCGACTTCGAGGGGTTTCGTGGAGGCGGAGGAGGAG
TCCGACGGCGAGGCCAAGCCCTTCCCCGTCCGCAGGACCGGCTTCTCCGGAGATGGACTGAAGGCAACTG
CTGCTGGTGATGATGACTGTGCCTCAGGGTCTGCTAAAAGGAAGAGAAAGAGCCAGTTCAGGGGCATCCG
CCGCCGCCCTTGGGGTAAATGGGCTGCTGAAATAAGAGATCCTCGCAAGGGTGTCCGTGTCTGGCTTGGC
ACTTACAACCTCTGCTGAGGAGGCTGCCAGAGCCTATGATGTTGAAGCCCGCAGAATTCGTGGCAAGAAGG
CAAAGGTCAATTTCCAGAAGAAGCTCCCATGGCTCCTCAGCAACGCTGCGCTACCTCTGTGAAGGTGCC
CGAGTTCAACACCGAACAGAAGCCAGTACTCAACACCATGGGCAACGCAGATGTGTATCCCTGCCCTGCT
GTTGACTACACCTTAAATCAGCAATTTGTGCAGCCTCAGAACATGTTCGTTTGTGCCTACAGTGAATGCAG
TTGAGGCTTCTTTTCATGAATTTTTCTTCTGACCAGGGGAACAACCTCCTTTAGTTGCTCAGACTTCAGCTG
GGAGAATGATATCAAGACCCCTGACATAACTTCTGTGCTTGCATCCATTCCCACCTCAACTGAGGTCAAT
GAATCTGCATTTCTCCAGAACAACGGCATTAAATTAACCGGTACCTCCTGTGATGGGTGATGCTAATGTG
ATCTTGGCGACTTGGAGCCATACATGAAGTTCCTGATGGACGATGGTTCAGATGAGTCAATTGACAGCAT
TCTAAGCTGTGATGTACCCAGGACGTGGTCGGCAACATGGGCCTTTGGACCTTCGATGACATGCCCTTG
TCTGCTGGTTTTCTACTGA
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> **TdERF3 (accession number: KJ689811.1) 1068 bp**

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ATGTGCGGGCGGGCCATCCTCTCCGACATCATCCCGCCGCGCGCCGGGCCACCGGCGGCAACGTCTGGC
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GGGCGGACAAGAAGAGGGAGGGCCAGGCCCGACGCCGCCGCGGGGAGGCCCGCCGCGTGCCCCGAGGAGGA
GTTCCAGGAGGAGGAGGGCGACGCGGAGTTCGAGGCCGACTTCGAGGGGTTTCGTGGAGGCGGAGGAGGAG
TCCGACGGCGAGGCCAAGCCCTTCCCCGTCCGCAGGACCGGCTTCTCCGGAGATGGACTGAAGGCAACTG
CTGCTGGTGATGATGACTGTGCCTCAGGGTCTGCTAAAAGGAAGAGAAAGAGCCAGTTTCAGGGGCATCCG
CCGCCGCCCTTGGGGTAAATGGGCTGCTGAAATAAGAGATCCTCGCAAGGGTGTCCGTGTCTGGCTTGGC
ACTTACAACCTCTGCTGAGGAAGCTGCCAGAGCCTATGATGTTGAAGCCCGCAGAATTCGTGGCAAGAAGG
CAAAGGTCAATTTCCCAGAAGAAGCTCCCATGGCTCCTCAGCAACGCTGCGCTACCTCTGTGAAGGTGCC
CGAGTTCAACACCGAACAGAAGCCAGTACTCAACACCATGGGCAACGCAGATGTGTATTCTGCCCTGCT
GTTGACTACACCTTAAATCAGCAATTTGTGCAGCCTCAGAACATGTTCGTTTGTGCCTACAGTGAATGCAG
TTGAGGCTCCTTTCATGAATTTTTCTCTGACCAGGGGAGCAACTCCTTTAGTTGCTCAGACTTCAGCTG
GGAGAATGATATCAAGACCCCTGACATAAATCTGTGCTTGCATCCATTCCCACCTCAACTGAGTCAAT
GAATCTGCATTTCTCCAGAACAATGGCATTAAATTC AACCGTACCTCCTGTGATGGGTGATGCTAATGTTG
ATCTTGCCGACTTGGAGCCATACATGAAGTTCCTGATGGACGATGGTTTCAGATGAGTCAATTGACAGCAT
TCTAAGCTGTGATGTACTGCAGGACGTTATCGGCAACATGGGCCTTTGGACCTTTGATGACATGCCCTTG
TCTGCTGGTTTTCTACTGA

> TdERF4 (accession number: KJ689809.1) 1065 bp

ATGTGCGGCGGGCGCCATCCTCTCCGACATCATCCCGCCGCCGCGCCGGGCCACCGGCGGCAACGTCTGGC
GGGCGGACAAGAAGAAGCGGGCCAGGGCCGATGCCGCCGCGGGGAGGCCCGCCGCGCGCCCCGAGGAGGA
GTTTCGAGGAGGAGGGCGACGCGGAGTTCGAGGCCGACTTCGAGGGGTTTCGTGGAGGCGGAGGAGGAGTCC
GACGGCGAGGGCAAGCCCTTCCCCGTCCGCAGGAGCGGCTTCTCCGGAGATGGATTGAAGGCAACTGCTG
CTGGTGATGATGACTGTGCTTCAGGGTCTGCTAAAAGGAAGAGAAAGAACCAGTTTCAGGGGCATCCGCCG
CCGCCCTTGGGGTAAATGGGCTGCTGAAATAAGAGATCCTCGCAAGGGTGTCCGTGTCTGGCTTGGCACT
TACAACCTCTGCCGAGGAAGCTGCCAGAGCCTATGATGTTGAAGCTCGCAGAATTCGTGGCAAGAAGGCAA
AGGTCAATTTCCCAGAAGAAGCTCCTATGGCTCCTCAGCAACGCTGCGCTACCTCTGTGAAGGTGCCTGA
GTTCAACACCGAACAGAAGCCAGTACTCAACACCATGGGCAACGCAGATGTGTATTCTGCCCTGCTGTT
GACTACACCATAAATCAGCAATTTGTGCAGCCTCAGAACATGTTCGTTTGTGCCTACAGTGAATGCAGTTG
AGGCCCTTTTCATGAATTTTTCTTCTGACCAGGGGAGCAACTCCTTTAGTTGCTCAGACTTCAGCTGGGA
GAATGATATCAAGACCCCTGACATAACATCTGTGCTTGCATCCATTCCCACCTCAACAGAGGTCAATGAA
TCTGCATTTCTCCAGAACAACGGCATTAAATTC AACCGTACCTCCTGTGATGGGTGATGCTAATGTTGATC
TTGCCGACTTGGAGCCATACATGAAGTTCCTGATGGACGATGGTTTCAGATGAGTCAATTGACAGCATTCT
AAGCTGTGATGTACTGCAGGACGTTATCGGCAACATGGGCCTTTGGACCTTTGATGACATGCCCTTGTCT
GCTGGTTTTCTACTGA

> TdERF1 (accession number: KJ689813.1) 1065 bp (genomic DNA available)

ATGTGCGGCGGGCGCCATCCTCTCCGACATCATCCCGCCGCCGCGCCGGGCCACCGGCGGCAACGTCTGGC
GGGCGGACAAGAAGAAGCGGGCCAGGGCCGATGCCGCCGCGGGGAGGCCCGCCGCGCGCCCCGAGGAGGA
GTTTCGAGGAGGAGGGCGACGCGGAGTTCGAGGCCGACTTCGAGGGGTTTCGTGGAGGCGGAGGAGGAGTCC
GACGGCGAGGGCAAGCCCTTCCCCGTCCGCAGGAGCGGCTTCTCCGGAGATGGATTGAAGGCAACTGCTG
CTGGTGATGATGACTGTGCTTCAGGGTCTGCTAAAAGGAAGAGAAAGAACCAGTTTCAGGGGCATCCGCCG
CCGCCCTTGGGGTAAATGGGCTGCTGAAATAAGAGATCCTCGCAAGGGTGTCCGTGTCTGGCTTGGCACT
TACAACCTCTGCCGAGGAAGCTGCCAGAGCCTATGATGTTGAAGCTCGCAGAATTCGTGGCAAGAAGGCAA
AGGTCAATTTCCCAGAAGAAGCTCCTATGGCTCCTCAGCAACGCTGCGCTACCTCTGTGAAGGTGCCTGA
GTTCAACACCGAACAGAAGCCAGTACTCAACACCATGGGCAACGCAGATGTGTATTCTGCCCTGCTGTT
GACTACACCATAAATCAGCAATTTGTGCAGCCTCAGAACATGTTCGTTTGTGCCTACAGTGAATGCAGTTG
AGGCCCTTTTCATGAATTTTTCTTCTGACCAGGGGAGCAACTCCTTTAGTTGCTCAGACTTCAGCTGGGA
GAATGATATCAAGACCCCTGACATAACATCTGTGCTTGCATCCATTCCCACCTCAACAGAGGTCAATGAA
TCTGCATTTCTCCAGAACAACGGCATTAAATTC AACCGTACCTCCTGTGATGGGTGATGCTAATGTCGATC

TTGCCGACTTGGAGCCATACATGAAGTTCCTGATGGACGATGGTTTCAGATGAGTCAATTGACAGCATTCT
AAGCTGTGATGTACCCAGGACGTGGTCGGCAACATGGGCCTTTGGACCTTCGATGACATGCCCTTGTCT
GCTGGTTTTCTACTGA

Triticum aestivum

> TaERF1 (accession number: AK332004.1) 1068 bp

ATGTGCGGGCGGCGCCATCCTCTCCGACATCATCCCGCCGCGCGCCGGGCCACCGGCGGCAACGTCTGGCGGGCGGA
CAAGAAGAGGAGGGCCAGGCCCGACGCCGCGCGGGGAGGCCCGCCGCGTGCCTGAGGAGGAGTTCAGGAGGAGG
AGGGCGACCGGAGTTCGAGGCCGACTTCGAGGGGTTTCGTGGAGGCGGAGGAGGAGTCCGACGGCGAGGCCAAGCCC
TTCCCCGTCCGCAGGACCGGCTTCTCCGGAGATGGACTGAAGGCAACTGCTGCTGGTGATGATGACTGTGCCCTCAGG
GTCTGCTAAAAGGAAGAGAAAGAGCCAGTTCAGGGGCATCCGCCGCGCCCTTGGGGTAAATGGGCTGCTGAAATAA
GAGATCCTCGCAAGGGTGTCCGTGTCTGGCTTGGCACTTACAACCTCTGCTGAGGAAGCTGCCAGAGCCTATGATGTT
GAAGCCCGCAGAATTCGTGGCAAGAAGGCAAAGGTCAATTTCCAGAAGAAGCTCCCATGGATCCTCAGCAACGCTG
CGCTACCTCTGTGAAGGTGCCCGAGTTC AACACCGAACAGAAGCCAGTACTCAACACCATGGGCAACACAGATGTGT
ATTCCTGCCCTGCTGTTGACTACACCTTAAATCAGCAATTTGTGCAGCCTCAGAACATGTCGTTTTGTGCCTACAGTG
AATGCAGTTGAGGCTCCTTTTCATGAATTTTTCTCTGACCAGGGGAGCAACTCCTTTAGTTGCTCAGACTTCAGCTG
GGAGAATGATATCAAGACCCCTGACATAACTTCTGTGCTTGCATCCATTCCACCTCAACTGAGGTCAATGAATCTG
CATTTCTCCAGAACAATGGCATTAAATCAACGGTACCTCCTGTGATGGGTGATGCTAATGTTGATCTTGCCGACTTG
GAGCCATACATGAAGTTCCTGATGGACGATGGTTTCAGATGAGTCAATTGACAGCATTCTAAGCTGTGATGTACCGCA
GGACGTTGTGGCAACATGGGCCTTTGGACCTTTGATGACATGCCCTTGTCTGCTGGTTTTCTACTGA

> TaERF2 (accession number: AY271985.1) 1068 bp

ATGTGCGGGCGGCGCCATCCTCTCCGACATCATCCCGCCGCGCGCCGGGCCACCGGCGGCAACGTCTGGC
GGGCGGACAAGAAGAGGAGGGCCAGGCCCGACGCCGCGCGGGGAGGCCCGCCGCGTGCCTGAGGAGGAGGA
GTTCCAGGAGGAGGAGAGCGACGCGGAGTTCGAGGCCGACTTCGAGGGGTTTCGTGGAGGCGGAGGAGGAG
TCCGACGGCGAGGCCAAGCCCTTCCCCGTCCGCAGGAGCGGCTTCTCCGGAGATGGATTGAAGGCAACTG
CTGCTGGTGATGATGACTGTGCTTCAGGGTCTGCTAAAAGGAAGAGAAAGAACCAGTTCAGGGGCATCCG
CCGCCGCCCTTGGGGTAAATGGGCTGCTGAAATAAGAGATCCTCGCAAGGGTGTCCGTGCCTGGCTTGGC
ACTTACAACCTCTGCTGAGGAAGCTGTGAGACCTATGATGTTGAAGCCCGCAGAATTCGTGGCAAGAAGG
CAAAGTCAATTTCCAGAAGAAGCTCCCATGGCTCCTCAGCAAACGCTGCGCTACCTCTGTGAAGGTGCC
CGAGTTC AACACCGAACAGAAGCCAGTACTCAACACCATGGGCAACGCAGATGTGTATTCTGCCCTGCT
GTTGACTACACCTTAAATCAGCAATTTGTGCAGCCTCAGAACATGTCGTTTTGTGCCTACAGTGAATGCAG
TTGAGGCTCCTTTTCATGAATTTTTCTCTGACCAGGGGAGCAACTCCTTTAGTTGCTCAGACTTCAGCTG
GGAGAATGATATCAAGACCCCTGACATAACTTCTGTGCTTGCATCCATTCCACCTCAACTGAGGTCAAT
GAATCTGCATTTCTCCAGAACAATGGCATTAAATCAACGGTACCTCCTGTGATGGGTGATGCTAATGTTG
ATCTTGCTACTTGGAGCCGTACATGAAGTTCCTGATGGACGATGGTTTCAGATGAGTCAATTGACAGCAT
TCTAAGCTGTGATGTACCGCAGGACGTTGTGGCAACATGGGCCTTTGGACCTTTGATGACATGCCCTTG
TCTGCTGGTTTTCTACTGA

>TaERF3 (accession number: AF542184.1) 1068 bp

ATGTGCGGGCGGGCGCCATCCTCTCCGACATCATCCC GCCCGCGCGCGGGCCACCGGGCGGCAACGTCTGGC
GGGCGGACAAGAAGAGGCGGGCCAGGCCCGACGCCGCGCGGGGAGGCCCGCCGTGCGCCCCGAGGAGGA
GTTCCAGGAGGAGGAGGGCGACGCGGAGTTCGAGGCCGACTTCGAGGGGTTTCGTGGAGGCGGAGGAGGAG
TCCGACGGCGAGGCCAAGCCCTTCCCCGTCCG CAGGAGCGGCTTCTCCGGAGATGGATTGAAGGCAACTG
CTGCTGGTGATGATGACTGTGCCTCAGGGTCTGCTNAAAGGAAGAGAAAGAACCAGTTCAGGGGCATCCG
CCGCCGCCCTTGGGGTAAATGGGCTGCTGAAATAAGAGATCCTCGCAAGGGTGTCCGTGTCTGGCTTGGT
ACTTACAACCTCCGCTGAGGAAGCTGCCAGAGCCTATGATGTTGAAGCCCGCAGAATTCGTGGCAAGAAGG
CAGAGGTCAATTTCCAGAAGAAGCTCCTATGGCTCCTCAGCAACGCTGCGCTACTGCTGTGAAGGTGCC
CGAGTTCAACACCGAACAGAAGCCGGTACTCAACACCATGGGCAACGCAGATGTGTATTCTGCTCTGCT
GTTGACTACACCTTAAATCAGCAATTTGTGCAGCCTCAGAACATGTCGTTTGTGCCTACAGTGAATGCAG
TTGAGGCCCTTTTCATGAATTTTTCTCTGACCAGGGTAGCAACTCCTTTAGTTGCTCAGACTTCAGCTG
GGAGAATGATATCAAGACCCCTGACATAACTTCTGTGCTTGCATCCATTCCACCTCAACAGAGGTCAAT
GAATCTGCATTTCTCCAGAACAATGGCATCAATTCAACGGTACCTCCTGTGATGGGTGATGCTAATGTTG
ATCTTGCCGACTTGGAGCCATACATGAAGTTCCTGATGGACGATGGTTTCAGATGAGTCAATTGACAGCAT
TCTAAGCTGTGATGTACCCAGGATGTGGTCGGCAACATGGGCCTTTGGACCTTTGATGACATGCCCTTG
TCTGCTGGTTTTCTACTGA

> TaERF4 (accession number: AY271984.1) 999 bp

ATGTGCGGGCGGGCGCCATCCTCTCCGACATCATCCC GCCCGCGGGGAGGCCCTGCCGTGCGCCTGAGGAGG
AGTTCCAGGAGGAGGAGGGCGACGCGGAGTTCGAGGCCGACTTCGAGGGGTTTCGTGGAGGCGGAGGAGGA
GTCCGACGGCGAGGCCAAGCCCTTCCCCGTCCG CAGGAGCGGCTTCTCCGGAGATGGATTGAAGGCAACT
GCTGCTGGTGATGATGACTGTGCCTCAGGGTCTGCTAAAAGGAAGAGAAAGAACCAGTTCAGGGGCGTCC
GCCGCCGCCCTTGGGGTAAATGGGCTGCTGAAATAAGAGATCCTCGCAAGGGTGTCCGTGTCTGGCTTGG
TACTTACAACCTCCGCTGAGGAAGCTGCCAGAGCCTATGGTGTGAGGCCCGCAGAATTCGTGGCAAGAAG
GCAAAGGTCAATTTCCAGAAGAAGCTCCTATGGCTCCTCAGCAACGCTGCGCTACTGCTGTGAAGGTGC
CCGAGTTCAACACCGAACAGAAGCCGGTACTCAACACCATGGGCAACGCAGATGTGTATTCTGCTCTGC
TGTTGACTACACCTTAAATCAGCAATTTGTGCAGCCTCAGAACATGTCGTTTGTGCCTACAGTGAATGCA
GTTGAGGCCCTTTTCATGAATTTTTCTCTGACCAGGGTAGCAACTCCTTTAGTTGCTCAGACCTCAGCT
GGGAGAATGATATCAAGACCCCTGACATAACTTCTGTGCTTGCATCCATTCCACCTCAACAGAGGTCAA
TGAATCTGCATTTCTCCAGAACAATGGCATCAATTCAACGGTACCTCCTGTGATGGGTGATGCTAATGTT
GATCTTGCCGACTTGGAGCCATACATGAAGTTCCTGATGGACGATGGTTTCAGATGAGTCAATTGACAGCA
TTCTAAGCTGTGATGTACCCAGGATGTGGTCGGCAACATGGGCCTTTGGACCTTTGATGACATGCCCTT
GTCTGCTGGTTTTCTACTGA

> TaERF5 (accession number: AJ515477.2) 1050 bp

ATGTGCGGGCGGGCGCCATCCTCTCCGACATCATCCC GCCCGCGCGCGGGCCCGCCGGCGGCGCCCTCTGGC
AGGCGGACAGGAAGAAGAGGAGGGCCGGGCCCCGCCGCGTCCCCGAGGAGGAGCCCCGAGGAGGAGGCGGA
GGAGGGCGACGAGGACTTCGAGGCCGACTTCGAGGGGTTTCGTGGACGAGGAGTCCGACGGCGAGGTCAAG
CCCTTCCCCGCCCCGAGGAGCGGCTTCTCCGGAGATGGATTGAAGGCAACTGCTGCTGGTGAATATGACT
GTGCCTCAGGGTCTGCTAAAAGGAAGAGAAAGAACCAGTTTCAGGGGCATCCGCCGCCCTTGGGGTAA
ATGGGCTGCTGAAATAAGAGATCCTCGCAAGGGTGTCCGTGTCTGGCTTGGTACTTACAACCTCCGCTGAG
GAAGCTGCCAGAGCCTATGATGTTGAAGCCCGCAGAATTCGTGGCAAGAAGGCAAAGGTCAATTTCCAG
AAGAAGCTCCTATGGCTCCTCAGCAACGCTGCGCTACTGCTGTGAAGGTGCCCGAGTTCAACACCGAAC
GAAGCCGGTACTCAACACCATGGGCAACGCAGATGTGTATTCTGCTCTGCTGTTGACTACACCTTAAAT
CAGCAATTTGTGCAGCCTCAGAACATGTCGTTTGTGCCTACAGTGAATGCAGTTGAGGCCCTTTTCATGA
ATTTTTCTCTGACCAGGGTAGCAACTCCTTTAGTTGCTCAGACTTCAGCTGGGAGAATGATATCAAGAC
CCCTGACATAACTTCTGTGCTTGCATCCATTCCACCTCAACAGAGGTCAATGAATCTGCATTTCTCCAG

AACAATGGCATCAATTCAACGGTACCTCCTGTGATGGGTGATGCTAATGTTGATCTTGCCGACTTGGAGC
CATAATGAAGTTTCTGATGGACGATGGTTTCAAGTCAATTGACAGCATTCTAAGCTGTGATGTACC
CCAGGATGTGGTTCGGCAACATGGGCCTTTGGACCTTTGATGACATGCCCTTGTCTGCTGGTTTCTACTGA

> TaERF6 (accession number: AK335399.1) 1062 bp

ATGTGCGGGCGGCGCCATCCTCTCCGACATCATCCCGCCGCGCGCCGGGCCACCGGCGGCAACGTCTGGCGGGCGGA
CAAGAAGAAGCGGGCCAGGGCCGATGCCGCGCGGGGAGGCCCGCCGCGCGCCGAGGAGTTTCGAGGAGGAGGGCG
ACGCGGAGTTTCGAGGCCGACTTCGAGGGGTTTCGTGGAGGCGGAGGAGGAGTCCGACGGCGAGGGCAAGCCCTTCCCC
GTCCGCGAGGAGCGGCTTCTCCGGAGATGGATTGAAGGCAACTGCTGCTGGTGTGATGACTGTGCTTCAGGGTCTGC
TAAAAGGAAGAGAAAGAACCAGTTTCAGGGGCATCCGCGCCGCCCTTGGGGTAAATGGGCTGCTGAAATAAGAGATC
CTCGCAAGGGTGTCCGTGTCTGGCTTGGCACTTACAACCTCTGCCGAGGAAGCTGCCAGAGCCTATGATGTTGAAGCT
CGCAGAATTCGTGGCAAGAAGGCAAAGGTCAAATTTCCAGAAGAAGCTCCTATGGCTCCTCAGCAACGCTGCGCTAC
CTCTGTGAAGGTGCCTGAGTTCAACACCGAACAGAAGCCAGTACTCAATACCATGGGCAACGCAGATGTGTATTCTT
GCCCTGCTGTTGACTACACCATAAATCAGCAATTTGTGCAGCCTCAGAACATGTCGTTTTGTGCCTACAGTGAATGCA
GTTGAGGCCCTTTTCATGAATTTTTCTTCTGACCAGGGGAGCAACTCCTTTAGTTGCTCAGACTTCAGCTGGGAGAA
TGATATCAAGACCCCCGACATAACATCTGTGCCTGCATCCATTCCCACCTCAACAGAGGTCAATGAATCTGCATTTT
TCCAGAACAACGGCATTAAATTCACGGTACCTCCTGTGATGGGTGATGCTAATGTTGATCTTGCCGACTTGGAGCCA
TACATGAAGTTTCTGATGGACGATGGTTTCAAGTCAATTGACAGCATTCTAAGCTGTGATGTACCCAGGACGT
GGTTCGGCAACATGGGCCTTTGGACCTTCGATGACATGCCCTTGTCTGCTGGTTTCTACTGA

> TaERF1 (accession number: AK452621.1) 1062 bp

ATGTGCGGGCGGCGCCATCCTCTCCGACATCATCCCGCCGCGCGCCGGGCCACCGGCGGCAACGTCTGGCGGGCGGA
CAAGAAGAAGCGGGCCAGGGCCGATGCCGCGCGGGGAGGCCCGCCGCGCGCCGAGGAGTTTCGAGGAGGAGGGCG
ACGCGGAGTTTCGAGGCCGACTTCGAGGGGTTTCGTGGAGGCGGAGGAGGAGTCCGACGGCGAGGGCAAGCCCTTCCCC
GTCCGCGAGGAGCGGCTTCTCCGGAGATGGATTGAAGGCAACTGCTGCTGGTGTGATGACTGTGCTTCAGGGTCTGC
TAAAAGGAAGAGAAAGAACCAGTTTCAGGGGCATCCGCGCCGCCCTTGGGGTAAATGGGCTGCTGAAATAAGAGATC
CTCGCAAGGGTGTCCGTGTCTGGCTTGGCACTTACAACCTCTGCCGAGGAAGCTGCCAGAGCCTATGATGTTGAAGCT
CGCAGAATTCGTGGCAAGAAGGCAAAGGTCAAATTTCCAGAAGAAGCTCCTATGGCTCCTCAGCAACGCTGCGCTAC
CTCTGTGAAGGTGCCTGAGTTCAACACCGAACAGAAGCCAGTACTCAATACCATGGGCAACGCAGATGTGTATTCTT
GCCCTGCTGTTGACTACACCATAAATCAGCAATTTGTGCAGCCTCAGAACATGTCGTTTTTGCCTACAGTGAATGCA
GTTGAGGCCCTTTTCATGAATTTTTCTTCTGACCAGGGGAGCAACTCCTTTAGTTGCTCAGACTTCAGCTGGGAGAA
TGATATCAAGACCCCCGACATAACATCTGTGCCTGCATCCATTCCCACCTCAACAGAGGTCAATGAATCTGCATTTT
TCCAGAACAACGGCATTAAATTCACGGTACCTCCTGTGATGGGTGATGCTAATGTTGATCTTGCCGACTTGGAGCCA
TACATGAAGTTTCTGATGGACGATGGTTTCAAGTCAATTGACAGCATTCTAAGCTGTGATGTACCCAGGACGT
GGTTCGGCAACATGGGCCTTTGGACCTTCGATGACATGCCCTTGTCTGCTGGTTTCTACTGA

> TaDREB6 (accession number: AY781361.1) 765 bp

ATGGAGACCGGGGTAGCAAGCGGGAAGGAGACTGCCCCGGGCAGGAAAGGAAGAAGAAAGTGCAGCA
GAAGCACTGGTCTGATTCGGTTGCTGAAACCATCAAGAAGTGAAGGAGGAAAACAGAAGCTCCTGCA

AGAGAATGGATCCCGGAAAGCACCGGCCAAGGGTTCCAAGAAAGGGTGCATGGCAGGGAAAGGAGGTCCA
GAGAATTCAAACTGCGCTTACCGCGGTGTGAGGCAGAGGACGTGGGGCAAATGGGTTGCTGAGATCCGTG
AGCCCAACCGTGGCAACCGGCTGTGGCTTGGTTTCATTCCCTACCGCAGTCGAAGCTGCACGTGCATATGA
TGATGCGGCAAGGGCAATGTATGGCGCCAAAGCACGTGTCAACTTCTCAGAGCAGTCCCCAGATGCCAGC
TCTGGTTGCACGCTGGCACCTCCATTGCTGATGTCTAATGGGGCAACTGCCGCATCACATCCTTCTGATG
GGAAGGATGAGTCTGAGTCTGCAGGGACCGTGGCACATAAGGTGAAAAAGAAGTGAGCAATGATTTGAG
AAGTACCCATGAGGAGCACAAAGACCCTGGAAGTATCCCAACCAAAGGGAAGGCTTTACATAAAGAAGCG
AATGTAAGTTATGATTACTTCAACGTCGAGGAAGTTCCTTGACATGATAATTGTGGAATTGAGTGCTGATG
TAAAATGGAAGCACATGAAGAGTACCAAGATGGTGATGATGGGTTAGTCTTTTCTCATATTAG

> TaERF3 (accession number: AY781352.1) 1068 bp

ATGTGCGGCGGCGCCATCCTCTCCGACATCATCCCGCCGCGCGCGGGCCACCGGCGGCAACGTCTGGC
GGGCGGACAAGAAGAGGAGGGCCAGGCCCGACGCCGCGCGGGGAGGCCCGCCGCGTGGCCGAGGAGGA
GTTCCAGGAGGAGGAGGGCGACGCGGAGTTCGAGGCCGACTTCGAGGGGTTTCGTGGAGGCGGAGGAGGAG
TCCGACGGCGAGGCCAAGCCCTTCCCGTCCGAGGACCGGCTTCTCCGGAGATGGACTGAAGGCAACTG
CTGCTGGTGATGATGACTGTGCCTCAGGGTCTGCTAAAAGGAAGAGAAAGAGCCAGTTTCAGGGGCATCCG
CCGCCGCCCTTGGGGTAAATGGGCTGCTGAAATAAGAGATCCTCGCAAGGGTGTCCGTGTCTGGCTTGGC
ACTTACAACCTCTGCTGAGGAAGCTGCCAGAGCCTATGATGTTGAAGCCCGCAGAATTCGTGGCAAGAAGG
CAAAGGTCAATTTCCAGAAGAAGCTCCCATGGATCCTCAGCAACGCTGCGCTACCTCTGTGAAGGTGCC
CGAGTTCAACACCGAACAGAAGCCAGTACTCAACACCATGGGCAACACAGATGTGTATTCTGCCCTGCT
GTTGACTACACCTTAAATCAGCAATTTGTGCAGCCTCAGAACATGTCGTTTGTGCCTACAGTGAATGCAG
TTGAGGCTCCTTTCATGAATTTTCTCTGACCAGGGGAGCAACTCCTTTAGTTGCTCAGACTTCAGCTG
GGAGAATGATATCAAGACCCCTGACATAACTTCTGTGCTTGCATCCATTCCCACCTCAACTGAGGTCAAT
GAATCTGCATTTCTCCAGAACAATGGCATTAAATCAACGGTACCTCCTGTGATGGGTGATGCTAATGTTG
ATCTTGCCGACTTGGAGCCATACATGAAGTTCCTGATGGACGATGGTTTCAGATGAGTCAATTGACAGCAT
TCTAAGCTGTGATGTACCGCAGGACGTTGTGCGCAACATGGGCCTTTGGACCTTTGATGACATGCCCTTG
TCTGCTGGTTTCTACTGA