

**Additional File 6. Triticale MPK and MKK transcript sequences.** Transcripts were identified from an in-house transcript assembly library which has been submitted to GenBank by Laroche et al. *TsMPKs* and *TsMKKs* sequences are provided. Blue and red fonts are used to mark putative start and stop codons, respectively.

**>TsMPK3 : contig10429**

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**>TsMPK4 : contig67966**

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GTTTCTTCAGAAAGGCCCAAAAGAAATAGTTACAGCAACAATAATCCATGCCCAATTCGCCAATAAGCGAGCATA  
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**>TsMPK6 : contig251617**

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GAAGTTGTAGA

**>TsMPK7 : contig199810**

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**>TsMPK11 : contig120398**

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**>TsMPK11 : contig88156**

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**>TsMPK14 : contig220413**

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**>TsMPK16 : contig209684**

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TGGGAG

**>TsMPK16 : contig244429**

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CTCTTCAATCTGTATCTGTTCCCTCGCATACTCGGTAAAAAGTCCATTTGAGATGTTTCGCTCACGCGCGCGCA  
CGACGACGGGCGGGGAGAGCCCAGCTCGCTGCGATCCAAGGCAGAGCTCGAGGACAGAGAAGAGGGGGCGGT  
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CTTTGCTTAACTAGAT

**>TsMPK17 : contig26009**

TCACCGGCGGCAGGCAGAGAACTCACCGAGTACAAATGCCAAGTAACTGATCCAAGAGTCGAGACAAATTGGGGAG  
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**>TsMPK17 : contig75139**

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**>TsMPK17 : contig38651**

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**>TsMPK20-1 : contig53750**

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**>TsMPk20-1 : contig64364**

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Comment [FN1]: Deletion? Requires an extra T in order to translate into full length MAPK sequence.

>TsMPK20-2 : contig113411

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**>TsMPK20-4 : contig251629**

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>TsMPK20-5 : contig67306

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>TsMPK20-5 : contig67307

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**>TsMPK21-1 : contig53625 (partial)**

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**>TsMPK21-2 : contig68757**

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**>TsMPK21-2 : contig201182**

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**>TsMPK21-2 : contig221182**

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**>TsMPK24 : contig116794**

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**>TsMPK25 : contig146788**

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**>TsMKK3-2 : contig143511**

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**>TsMKK3-2 : contig224242**

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**>TsMKK3-2 : contig229009**

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**>TsmKK3-3 : contig90697**

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**>TsmKK4 : contig104479**

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**>TsmKK5 : contig141775**

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**>TsmKK5 : contig154845**

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**>TsmKK6 : contig212597**

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**>TsmKK10 : contig129481 (partial)**

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