

## Wheat PRP gene

> | X52472.1| T.aestivum mRNA for a proline-rich protein

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GGCGACACCCCATCCACTTTATCTCAGTTGAGAGGTTTAGAAGCGCGCGGTGAAGCACAAAGTGCAGCAA  
GAGCTGCGAGAAGGAGCGAGCAGCAATGGCGAGGCACAGCCTCCTTGCCGTGCTCCTCGTCGGGCTGGTC  
GCGGCCCTCCGGCTTACGCCAGGCGGCCGCCGCTGGCCGGGGCCCTTGCTGAGAAGCTCCCCGAGCCGGAGC  
CCAAGCCGACGCCGTACCCAGAGCCCAAGCCGCAACCCAAGCCAGAGCCAATGCCAAGCCTGAACCCAT  
GCCAAAGCCAGAGCCTAAGCCTCTGCCTAAACCTGAACCCATGCCAAAACCCAGAGCCTAAGCCTCTGCCC  
AAACCTGAACCCATGCCAAAGCCAGAGCCCAAACCCGGAGCCGAAGCCGGAGCCGATCCCAAAGCCCGAAC  
CAAAGCCTGAGCCCAAGCCTGACCCGATGCCCAAACCTGAGCCTAAGCCTGAGCCCAAGCCAGAGCCGAT  
GCCCAAACCCGGAACCAAAGCCAGAGCCCAAGCCCGAGCCTATGCCAAAACCTGAACCAAAGCCCGAGCCC  
AAACCCGAGCCGATGAAGCCTGAGCCTAAGCCGATGCCAAAACCCGAACCGAAGCCAGAGCCCAAGCCCG  
AGCCGATGCCTAAACCAGAACCAAAGCCAGAGCCCAAACCCGAGCCGATAAAGCCTGAGCCTAAGCCGAT  
GCCGAAACCCGAACCTAAGCCAGAGCCCAAGCCTGAGCCGATGCCAAAACCCGGAACCCAAAGCCTGAGCCC  
AAGCCTGAGCCGATGCCAAAACCCGGAGCCCAAGCCCGAGCCCAAGCCCGAGCCGATGCCAAAACCCGGAAC  
CAAAGCCTGAGCCCAAGCCTTACCCAATGCCCAAACCTGAGCCTAAGCCTGAGCCCAAACCCGAGCCGAT  
GCCCAAACCCAGAACCAAAGCCAGAGCCCAAACCCGAGCCGATGCCAAAGCCGGAACCAAAGCCAGAGCCC  
AAACCCGAGCCCAAGCCAGAGCCGATGCCAAAGCCGGAACCAAAGCCCGAGCCCAAGCCCGAGCCAATGC  
CGAAGCCAGAACCGAAGCCAGAGCCCAAGCCTGAGCCGATGCCAAAGCCAGAGCCTAAGCCCAAACCAT  
GCCTAAACCAGAGCCTAAGCCTGAACCTATGCCTAAGCCAGAGCCCAAGCCTGAGCCCGAACCGAAGCCG  
GAGCCGCCTCCGAAGGGCAAGCCACCGATGACTGACAATTGATGTGATACTCACATATGACAGCTGAAG  
AGGAGATCGACCCCGTCCGGAGCCACGATGTGCTATTTCTAGAATAAGTGGCATAGTATCCGGTTAGCGA  
GATAGTGATGATGCATCTTTTGTATTCTTGTATTCACCATTCTTTTAGTTTCTGTTGTTCCAT
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CCCATGATGAGTACTACTATTCTGTAATTATCATTGCGTGTGGTATATGTTTCATCTGTGCACATGACT
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CAGTTGTTCTTTTCGTGTAGATACACATGCTTTTATTCGTTTGCA
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赤字の部分はプライマーを作成した方の論文 (An endogenous reference gene of common and durum wheat for detection of genetically modified wheat, *Journal of Food Hygiene and Safety Science*, 53(5), 203-210 (2012)) を参照に塩基配列を加えています。

Primers (red arrow) and probe (red line) are shown above, and target sequence is highlighted in light blue. Amplicon size is 117 bp.