

**Maize zein gene**

>|V01472.1 | *Zea mays* gene encoding a zein (clone Z4).

CGAGTGATTCTTTAAACCGATTATTACACAAGTTAACCACACTAAAATTAACATTGGTGAATCGTGCCAT  
GATTTTTTTCTAGTGCAAAATAGCCAAACCAAGCAAAACATATGTGGCTATCGTTACACATGTGTAAAGG  
TATTGCATCACACCATTGTCACCCATGTATTTGGACAATACCGAGAGGAAAAACCACTTATTTATTGTAT  
TTTATCAAGTTTATCTTGCTTACGTATAAATTATAACCCAACAAAGTAATCACTAAATGTCAAACCAAC  
TAGATACCATGTCATCTCTACCTTATCTTACTAATATCTTTTTTGCAAAATCGAAAATTAATCTTGCACA  
AGCACAAGGACTGAGATGTGTATAAATATCTCTTAGATTAGTAGATAATATATCGCACATATTATTGAGA  
CCAAC TAGCAACATAGAAAGCACAATATTGTACCAATAATGGCAGCCAAAATATTTGCCTCATTATGCT  
CCTTGGTCTTTCTGCAAGTGCTGCTACGGCGAGCATTTCGCGCAATGCTCACAAAGCT CCTATAGCTTCC

CTTCTCCCCCATACTCTCACCAGCGATGTCTTCAGTATGTGAAAATCCAATTCCTTCTACCCTACAGGA



TCCAACAGGCAATCGCAGCAGGCATCTTACCTTTATCACCTTGTTTCTCCAACAATCATCAGCCCTATT



ACAGCAGTTACCTTTGGTGCATTTATTGGCACAAAACATCAGGGCACAACTACAACAACCTCGTGCTA

GCAAACCTTGCTGCCTACTCTCAGCAACAGCAGTTACCTTTGGTGCATTTGTTGGCACAAAACATCAGGG  
CACAACTACAACAACCTCGTGCTAGCAAACCTTGCTGCCTACTCTCAGCAACAACAGTTTCTGCCATT  
CAACCAACTAGCTGCATTGAACTCTGCTGCTTATTTGCAGCAACAACAACCTACTACCATTTCAGCCAGCTA  
GCTGCTGCCTACCCCCGGCAATTTCTTCCATTCAACCAACTGGCAGCATTGAACTCTCATGCTTATGTAC  
AACAACAACAACCTACTACCATTTCAGCCAGCTAGCTGCTGTGAGCCCTGCTGCCTTCTTGACACAGCAACA  
TTTGTGCGTCTTACCTGCACACTGCGCCTAACGTTGGCACCCCTCTTACAACCTGCAACAATTGCTGCCA  
TTCGACCAACTTGCTTTGACAAACCCAGCAGTGTTCTACCAACAACCCATCATTTGGTGGTGCCTCTTTT  
AGATTGCTTATGAGTTATAGTTCAATAATAAAGTTTTTTTTTGCTGATATTTGTGGCTTCCAGAAATAAG  
AAAGTACATTTCTAGATTCTTATGTGCTTCTAGT

Primers (red arrow) and probe (red line) are shown above, and target sequence is highlighted in light blue. Amplicon size is 157 bp.