

**Papaya chymopapain gene**

>|AY803756.1 | *Carica papaya* chymopapain gene, promoter and partial cds.

TCTAGAAACACATTATAATTCCTGCAGATATTTTATAAAAAAATTTGAGGAAAATATGGTAACGAAAAAT  
AAATAGGATTCTTTTTTTTCCCCCAATATGTAATTAATTTGCTTTTAAATATATTTGTAAGTAAGGTTA  
TTCATGAAATTAAC TCAAATAAGGAAATAATTCATTTATTTGTTGGAATTATTCGATTATTATATATAT  
TAATTTTTTAATTGACTTGAAATACTGAATTGCACTAAAAAAAATTACTGAGATTAACGCTAAACTTATC  
CTATGAGTTAAGTTATTTAAAAATATCATCTACCTACTCAGATTAAAACCAATACATTACGACTGTATAT  
TAGAAATCCTAAATTCACTGAGGTTAAAATGGTTTAAATCTACAATCTTGCTAACCC TAAAATGACGGTGC  
AAGTAGAGTGAATGACAAGATCTTTTATTTAGAGAGAAAGAACTTGATTGAAAAGACAAGCTAGTATAT  
AAAC **CCATGCGGATCCTCCCATTTCCCTTCATCCATTCCCACTCTTGAGAGTTAGCTAGTGTTACAATGG**

→ ←  
**CTACGATG**AGTTCAATTTCAAAAATTATTTTCTTGCAACATGTCTCATTATTCATATGGGTTTGTCTTC

TGCTGATTTTTACACCGTGGGTTATTCTCAAGATGACTTGACGTCTATCGAAAGACTTATACAGCTATTT  
GAATCGTGGATGTTGAAGC

Primers (red arrow) and probe (red line) are shown above, and target sequence is highlighted in light blue. Amplicon size is 73 bp.