

## IDENTIFICATION

**Species:** *Nicotiana tomentosiformis*

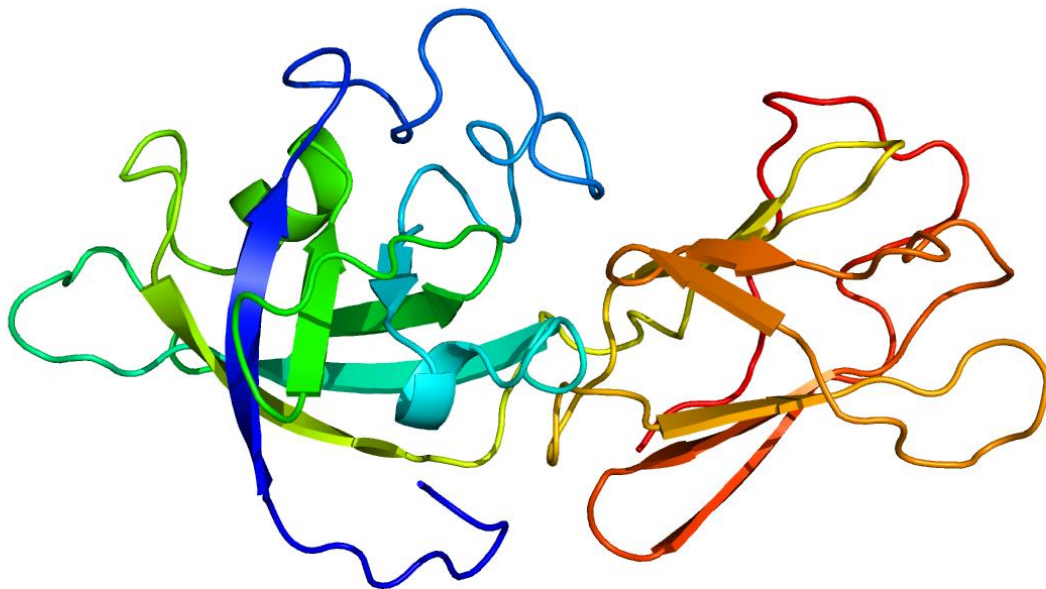
**Locus:** XP\_009619444

**Gene Model:** XP\_009619444.1

**Description:** NtmEXPA-06

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

NCBI: <https://www.ncbi.nlm.nih.gov/genome/?term=Nicotiana+tomentosiformis>

KEGG: <https://www.genome.jp/entry/gn:T05025>

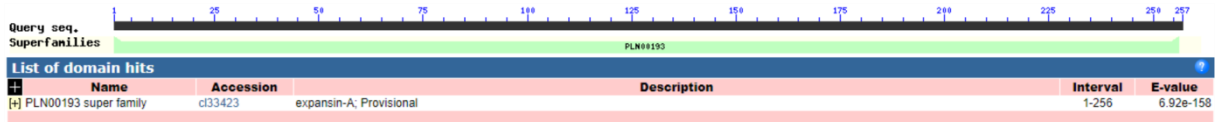
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>NtmEXPA-06

MAKCGILALGFIIGFFSIFFNANAFTASGWMRAHATFYGGADASGTMGGACGYGNL  
YSTGYGTRSAALSTALFNSSGGSCGQCYKIICDYKAEPRWCKKGVSVTITATNFCPPNY  
ALPSDNGGWCNPPRQHFDMAQPAWEKIAIYRGGIVPVIYQRPCKKRGGVRFTINGR  
DYFELVLVSNVGGAGSVRSVQIKGSRTNWMTMSNNWGANFQSTAYLNGQSLFRV  
TATDGVTKTFLNIVPANWRFGQTFSSPTQFS

### CDS (coding sequence)

>NtmEXPA-06

ACCCATCAAATTATTAGAAACTCATCCCAATTCGATTTCCCTCAATCTTATTTCTAC  
TTCTGCTACTTGCTTCTACAAAGGATATGGCCAAATGTGGCATTCTAGCACTGGGT  
TTCATAATAGGTTTCTTTAGCATTTTCTTTAATGCTAATGCTTTCACAGCTTCAGG  
ATGGATGAGAGCTCATGCCACTTTTTATGGTGGGGCTGATGCTTCTGGCACAATG  
GGGGGTGCTTGTGGATACGGCAACTTGTATTCGACAGGGTATGGAAGTAGAAGTG  
CTGCATTGAGCACTGCCCTGTTCAACAGTGGAGGATCCTGTGGGCAATGCTACAA  
GATCATCTGTGATTACAAAGCAGAACCACGCTGGTGCAAGAAGGGAGTATCTGTT  
ACTATCACTGCTACAAATTTTTGCCCACCAAATTATGCCCTTCCTAGCGACAATGG  
AGGCTGGTGTAAACCCCTCGACAACATTTTCGATATGGCACAACCTGCTTGGGAA  
AAGATTGCCATTTACAGAGGTGGCATTGTCCCTGTAATCTACCAAAGGGTTCCAT  
GCAAGAAACGTGGTGGAGTTAGATTCACAATCAATGGAAGGGACTATTTGAGCT  
AGTATTGGTAAGCAATGTAGGAGGGGCTGGATCAGTTCGATCAGTTCAAATCAA  
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CCACTGCTTATCTCAATGGACAATCCCTGTCCTTCAGGGTCACTGCAACAGATGG  
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TTCTCAAGCCCCACTCAGTTCTCATAAAGCAAAGCTTAAGGAAAAGAATTTTAG  
AGTTCTTGTGTTTCATAGGCAGTGGTGTGCTTAGATATTTTACCAAAGCAGCCAT  
GTCCTCTTCTTTTTTATTTTTTTTTCAGCAATACTACTGGCATAAGAAGAAAAGAT  
GGAAATGTATACTTCCAATTATTAACACAGCCTTGTCCACAGAAGATTAATGAGA  
CTGTTTCTCTTTGTGGGTCTTTCGTTTTTTTA

### Nucleotide

>NtmEXPA-06

TCACATCTTTGGTAATCTTTGCTGTTAAGGTAGAAGTCATATCTGAAAGAGAAGA  
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GGATACGGCAACTTGTATTCGACAGGGTATGGAAGTGAAGTGCTGCATTGAGCA  
CTGCCCTGTTCAACAGTGGAGGATCTTGTGGGCAATGCTACAAGATCATCTGTGA  
TTACAAAGCAGAACCACGCTGGTGCAAGAAGGGAGTATCTGTTACTATCACTGCT  
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