

IDENTIFICATION

Species: *Nicotiana sylvestris*

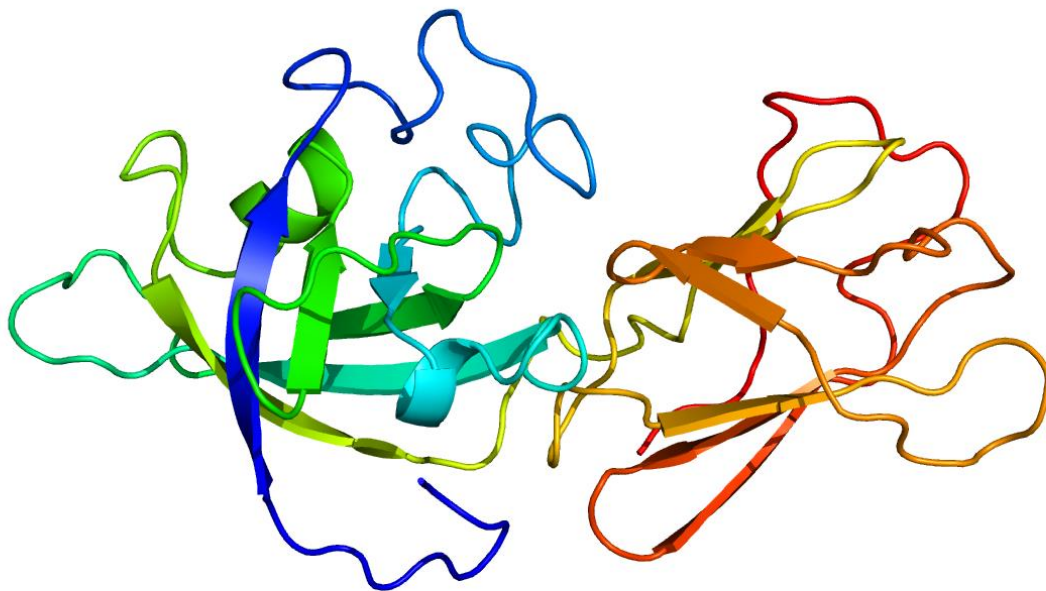
Locus: XP_009789308

Gene Model: XP_009789308.1

Description: NsEXPA-09

Family: Alpha Expansin

3D structure:



GENOME DATABASES

NCBI: <https://www.ncbi.nlm.nih.gov/genome/?term=Nicotiana%20sylvestris>

KEGG: <https://www.genome.jp/entry/gn:T05026>

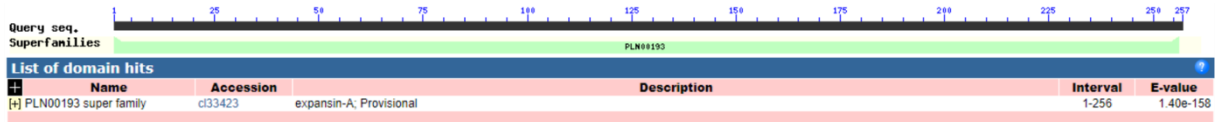
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>NsEXPA-09

MAKCGILALGFIIGFFSLFFNATAFKASGWMRAHATFYGGADASGTMGGACGYGNL
YTTGYGTRSAALSTALFNSSGGSCGQCYKIICDYKAEPRWCKKGVSVTITATNFCPPNY
ALPSDNGGWCNPPRQHFDMAQPAWEKIAIYRGGIVPVIYQRPCKKHGGVRFTINGR
DYFELVLVSNVGGAGSVRSVQIKGSRTNWMTMSNNWGANFQSTAYLNGQSLSFVRV
TATDGVTKTFLDIVPANWRFGQTFSSPTQFS

CDS (coding sequence)

>NsEXPA-09

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AAAACAAATTGTTTTTCTCTCAGCCACCTCACCCCCACTTGCACTGATTGCATGTG
AGGTGGTTGCATTAACAACAACTGAGCTCCTATTTAAGTAGCAGCTACTTTTCTTGG
TTAACCCATCAAATTATTGGAATTCATCCCAATTCATTCTCAATTTTATTTCTT
CTTTTGCTACTTGCATCTACAAAGGAAATGGCCAAATGTGGCATTCTTGCATTGG
GTTTCATAATTGGTTTCTTTAGCCTTTTCTTCAATGCAACTGCTTTCAAAGCTTCTG
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TGCAGCATTGAGCACTGCCCTGTTCAACAGTGGAGGATCTTGTGGGCAATGCTAC
AAGATCATCTGTGACTACAAAGCAGAACCGCGCTGGTGCAAGAAGGGAGTATCT
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AGTCTCAAACTTTTAAAATAAAAAAAGGTCCCGACAATTCTTGAATCCTAAATG
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Nucleotide

>NsEXPA-09

CTACGTGCAGTGGCTGAAGCAAAAATTTTCATCAAGGGAATTTACAAAAAAAAAA
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