

IDENTIFICATION

Species: *Nicotiana tomentosiformis*

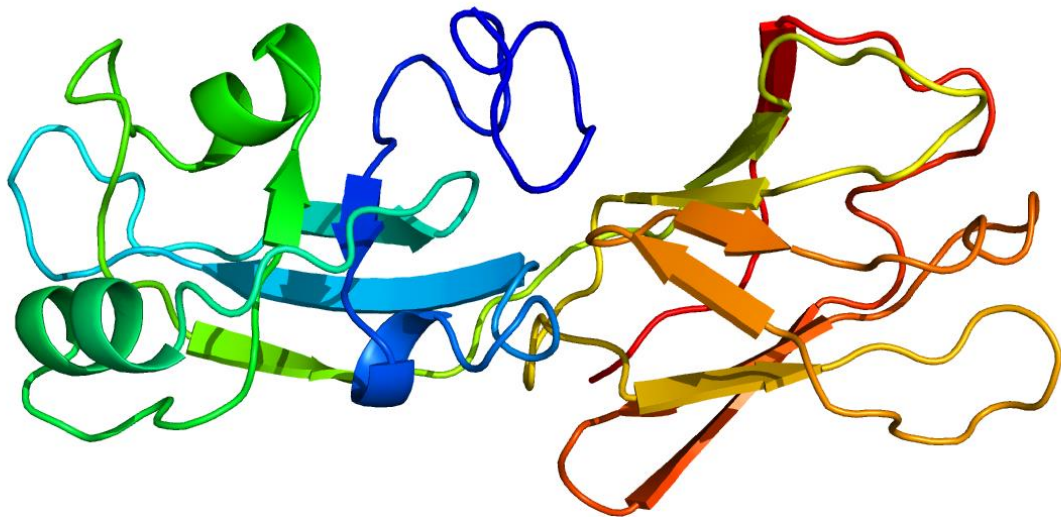
Locus: XP_009609692

Gene Model: XP_009609692.2

Description: NtmEXPA-01

Family: Alpha Expansin

3D structure:



GENOME DATABASES

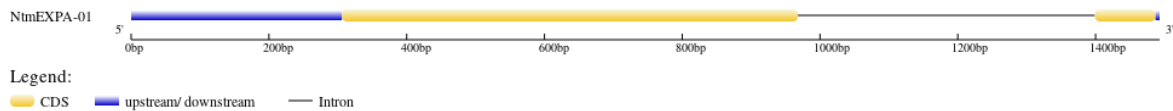
NCBI: <https://www.ncbi.nlm.nih.gov/genome/?term=Nicotiana+tomentosiformis>

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

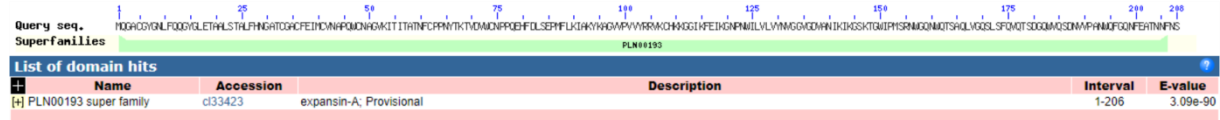
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>NtmEXPA-01

MQGACGYGNLFFQQGYGLETAALSTALFHNGATCGACFEIMCVNAPQWCNAGVKITI
TATNFCPPNYTKTVDVWCNPPQEHFDLSEPMFLKIAKYKAGVVPVYRRVKCHKKG
GIKFEIKGNPNWILVLVYNVGGVGDVANIKIKGSKTGWIPMSRNWQNWQTSACL
V
GQSLSFQVQTSQGQWVQSDNVVPANWQFGQNF EATNNFNS

CDS (coding sequence)

>NtmEXPA-01

AAACAGGTAGAAGGAGCTTTGAATGGCGATGGATGGGGAAATGCCCGTGCTACA
TTTTATGGAGACCAAACGGGTGGCGAACTATGCAGGGAGCTTGTGGCTATGGA
AATTTATTCCAGCAAGGATATGGCTTGGAACAGCAGCACTAAGCACAGCACTTT
TTCACAATGGGGCAACCTGTGGAGCTTGCTTTGAAATAATGTGTGTAATGCTCC
TCAATGGTGCATGCAGGGGTAAAAATTACAATAACAGCCACCAATTTCTGCCCT
CCAAATTACACAAAAACTGTAGATGTTTGGTGCAATCCTCCACAAGAACACTTTG
ATTTGTCAGAGCCAATGTTCTTAAAAATAGCCAAATATAAAGCAGGGGTTGTCCC
TGTAGTTTATAGGAGAGTCAAGTGCCACAAAAAAGGAGGGATCAAGTTTGAGAT
CAAAGGAAATCCTAATTGGATTCTTGTCTTGTTTACAATGTGGGAGGTGTTGGA
GATGTTGCCAATATCAAATCAAAGGATCTAAAACCTGGTTGGATTCTATGTTCG
GAAATTGGGGCCAAAATTGGCAGACTTCTGCACAATTGGTAGGACAGAGCTTGTC
TTCCAAGTACAACTAGTGATGGCCAATGGGTTCAATCTGATAATGTTGTTCTG
CTAACTGGCAATTTGGTCAGAATTTTGAAGCGACCAATAATTTAACTCGTGATG
TATTGTGGAAAATGATTCCTTTTGAATCAATAGAGGG

Nucleotide

>NtmEXPA-01

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CCAAGACTTTGAAATGCTATCATTATTAGAGATTATATGGTAAAATACATAATAT
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TTCAGACGAGTCGATAGTAATCTTACATACTCGTGTGTAACCAAAACCACTAGCC
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