

IDENTIFICATION

Species: *Nicotiana tomentosiformis*

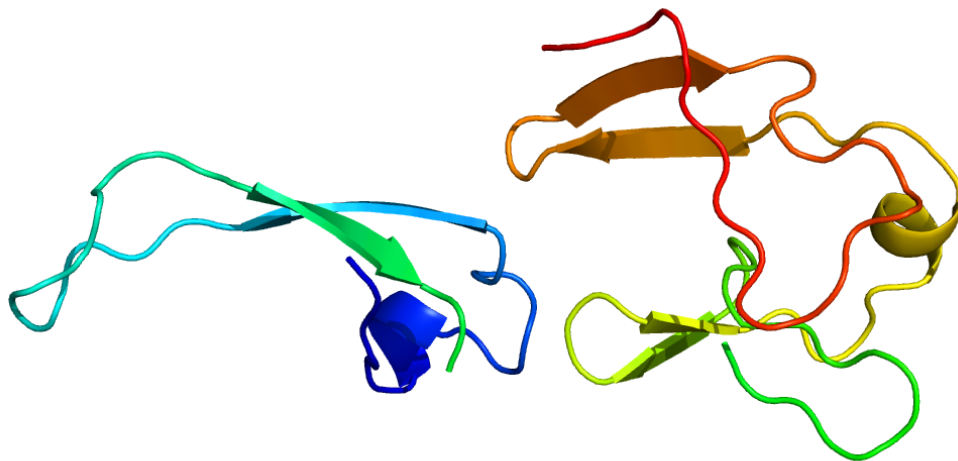
Locus: XP_033515735

Gene Model: XP_033515735.1

Description: NtmEXPA-20

Family: Alpha Expansin

3D structure:



GENOME DATABASES

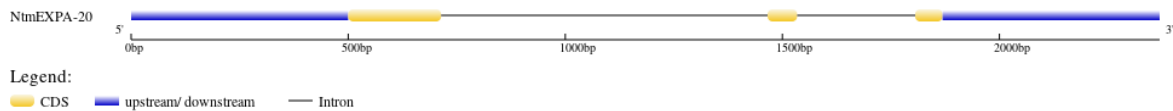
NCBI: <https://www.ncbi.nlm.nih.gov/genome/?term=Nicotiana+tomentosiformis>

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

EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



List of domain hits					
	Name	Accession	Description	Interval	E-value
[+]	DPBB_RlpA_EXP_N-like super family	d41724	double-psi beta-barrel fold of RlpA, N-terminal domain of expansins, and similar domains; The ...	1-42	1.97e-18
[+]	PLN03023 super family	d33621	Expansin-like B1; Provisional	4-111	1.12e-08

SEQUENCES

Peptide

>NtmEXPA-20

MITAGNQVLFRRHGF GCGACYQVLCNQSPHCSRKPIRVSLTDEFANNRKFS DILPMQ MF GAIWSAHINPNTQKPPFSLRLTSEYKHQIKANNIIPVDWQSR TIYKSNVNF PKNL

CDS (coding sequence)

>NtmEXPA-20

ATGATAACCGCGGGAAATCAAGTTCTATTTTCGGCATGGCTTTGGATGTGGCGCAT
GCTATCAGGTGTTATGCAACCAGAGTCCACATTGCTCAAGGAAGCCAATAAGAGT
CTCTCTCACAGATGAATTTGCTAATAACCGAAAATTTTCGGATATCCTTCCAATGC
AACAAATGTTTGGTGCAATTTGGTCTGCTCATATTAATCCAAACACACAAAAACC
TCCCTTTTCACTTAGGTTAACTTCAGAGTATAAGCATCAAATTAAGCTAATAATA
TCATTCCTGTGCGATTGGCAATCAAGAACAATTTACAAATCAAATGTCAATTTTCTT
AATAAATTATAG

Nucleotide

>NtmEXPA-20

TCCTTGTGCATTTATGGTAATACCATGTCTATATGTAAATTAACATTTAAATTTTC
ATGGCATATAACAGCACACATCTCTCAACCAGCTGCTCTACTTTCATAATTCCTTA
GTTTAATTTGCAGGCATGATGATAGAGAGAGGACTAATGAACTTTTCCATGTGCC
CTCAGAATAGATTTATAATAAAGAAAAACAGACACTACAAAAAAAATGGAATT
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