

IDENTIFICATION

Species: *Nicotiana sylvestris*

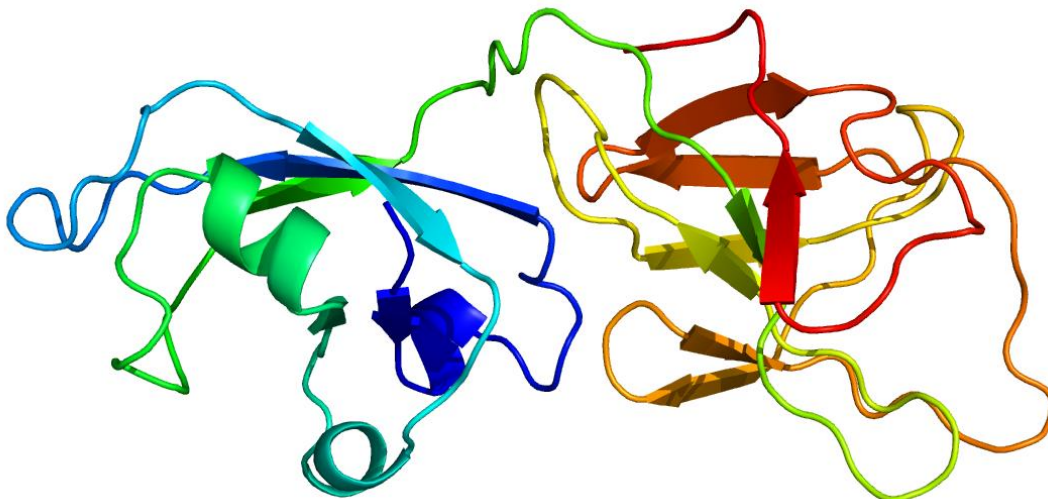
Locus: XP_009780864

Gene Model: XP_009780864.1

Description: NsEXPB-02

Family: Beta Expansin

3D structure:



GENOME DATABASES

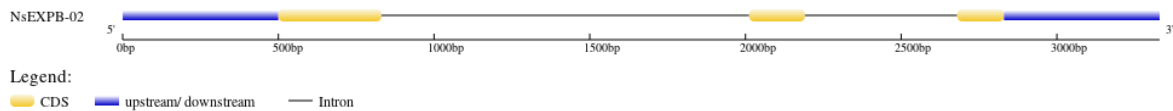
NCBI: <https://www.ncbi.nlm.nih.gov/genome/?term=Nicotiana%20sylvestris>

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

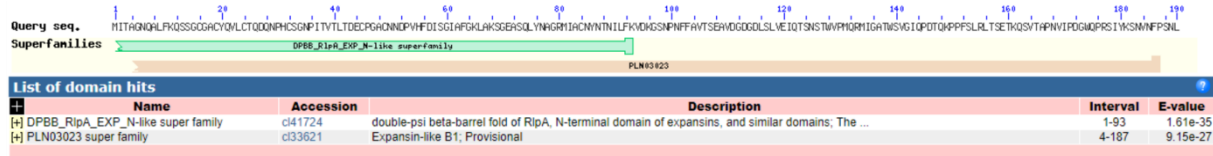
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>NsEXPB-02

MITAGNQLFKQSSGCGACYQVLCTQDQNPHC SGNPITVTLTDECPGACNNDPVHFD
ISGIAFGKLA KSGEASQLYNAGRM IACNYNTN ILFKVDKGSNPNFFAVTSEA VDGDL
SLSLVEIQTSNSTWVPMQRMIGATWSVGIQPDTQKPPFSLRLTSETKQSVTAPNVIPD
GWQPRSIYKSNVNFPSNL

CDS (coding sequence)

>NsEXPB-02

TTGAAAAACAGAAATTATTCTTACTATTCTGTTCTAGGTGGAGCATGTGGGCTTG
AAAATGACGTAGCAAGTGCTCCCTACAATGCAATGATTACGGCGGGAAATCAAG
CTCTTTTAAAGCAAAGCTCTGGATGTGGTGCATGCTACCAGGTGTTGTGCACCCA
AGACCAAAATCCGCATTGTTTCAGGTAATCCAATAACAGTAACCCTTACAGACGAG
TGCCCAGGAGCATGCAATAATGATCCGGTTCAC TTTGATATAAAGTGAATTGCCT
TTGAAAAATTGGCAAAGTCTGGTGAAGCTT CACAATTATACAATGCAGGAAGAAT
GATAGCATGTAATTACAACACAAATATCTTATTTAAGGTGGACAAAGGCTCCAAT
CCTAATTTCTTCGCAGTTACATCTGAAGCAGTTGATGGAGATGGTGACCTTTCTTT
AGTTGAAATCCAAACAAGCAATTCGACTTGGGTACCTATGCAGCGAATGATTGGG
GCAACTTGGAGTGTGGCATAACAACCAGACACACAGAAACCTCCTTTTCCCTGA
GACTTACTTCAGAAACAAAGCAAAGTGTCACTGCCCGAATGTCATTCCAGACGG
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Nucleotide

>NsEXPB-02

CAGAAAATGCGCGTGAGTACAATATTTTGATTTAAAAAATACTAAATTCAAAG
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CAGTCCACATAAAGA ACTAAAAAAGTATATGTGACCATTTGAGTTTTTGTCCCG
TCATCTTTCTCTGAAAATAAGTAATTACAACAAAGGCAGCAGCCATTTTTATTTGT
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CCATGGACTAGTAATTATATT