

IDENTIFICATION

Species: *Boechera stricta*

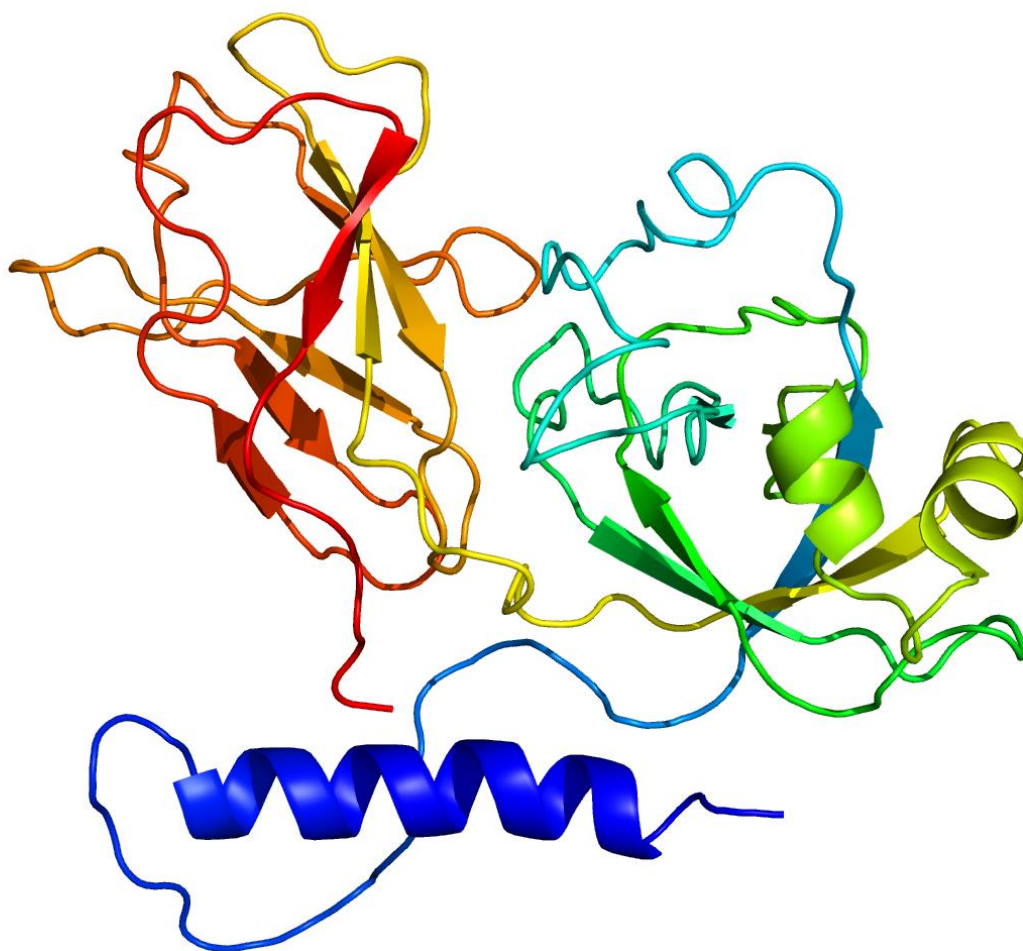
Locus: Bostr.7903s0083

Gene Model: Bostr.7903s0083.1.p

Description: BosEXPB-02

Family: Beta Expansin

3D structure:



GENOME DATABASES

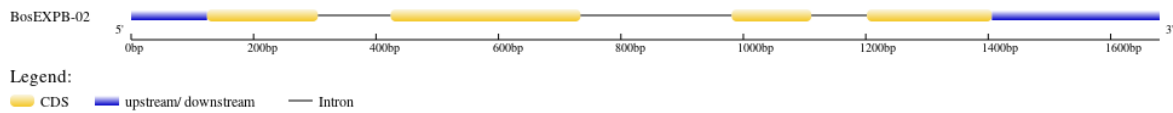
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bstricta_v1_2

KEGG:-

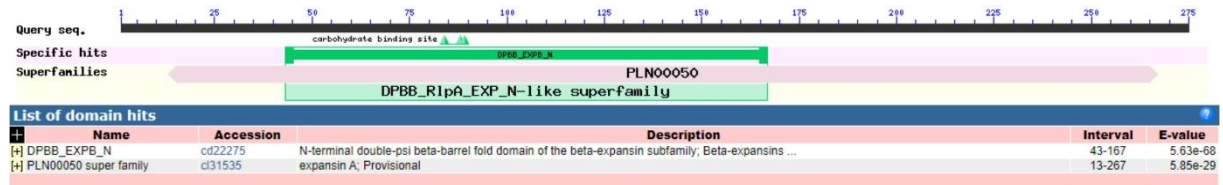
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BosEXPB-02

MQIFPIILPTLCVVFLHLLRGCSGSGSSPPLAHSIQHVAASRWLPATATWYGSPEGDGS
SGGACGYGSLVDVKPFKARVGAVSPILFKGGEGCGACYKVRCLDKTICSKRAVTHIVT
DQSPSGPSASAKHTHFDLSGAAFGHMAIPGHNGVIRNRGLLTILYRRTACKYRGKNIA
FHVNAGSTDYWLSLLIEYEDGEDIGSMHIRQAGSKEWIAMKHIWGANWCIVAGPL
KGPFSVKLTTLNNTLSATDVIPSNWVPKATYTSRLNFPVL*

CDS (coding sequence)

>BosEXPB-02

ATGCAGATCTTTCCGATCATCCTACCGACACTCTGCGTCGTCTTTCTCCACCTTCT
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TGGCAGCCTCTCGTTGGCTTCCC GCCACCGCCACCTGGTACGGAAGTCCTGAGGG
CGACGGCAGCAGCGGAGGAGCTTGTGGTTACGGGTCGCTAGTGGACGTGAAGCC
GTTTAAGGCGAGGGTTGGAGCGGTGAGTCCGATTCTGTTCAAGGGTGGCGAAGG
CTGCGGTGCATGTTACAAGGTCAGGTGTCTCGACAAAACCATTTGCTCTAAGAGA
GCAGTCACCATTATTGTTACCGACCAGTCACCCTCAGGACCATCTGCTTCGGCAA
AACACACTCACTTCGACCTCAGTGGTGCCGCTTTGGCCATATGGCTATTCCTGGC
CATAACGGCGTCATCCGCAACCGTGGTCTATTAACCATCCTCTACCGCCGAACGG
CATGCAAATACAGAGGGAAGAACATAGCTTTCCATGTGAACGCAGGATCAACTG
ATTATTGGTTATCTCTTCTCATTGAGTATGAAGATGGAGAAGGAGACATTGGCTC
TATGCACATTCGTCAAGCTGGGTCTAAGGAGTGGATAGCAATGAAGCACATATGG
GGAGCAAACCTGGTGCATCGTGGCAGGACCACTCAAGGGACCATTCTCCGTCAAG
CTTACCACTTTGTCCAACAACAAGACACTCTCCGCCACCGACGTTATCCCCAGTA
ACTGGGTTCCAAAGCTACTTACACCTCCC GGCTCAACTTCTCTCCCGTTCTCTAA

Nucleotide

>BosEXPB-02

ACTTAAACCATCTTCTCCCTCCTTCCCTCTTCTATTTAACAACTAACCAACGATT
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