

IDENTIFICATION

Species: *Boechera stricta*

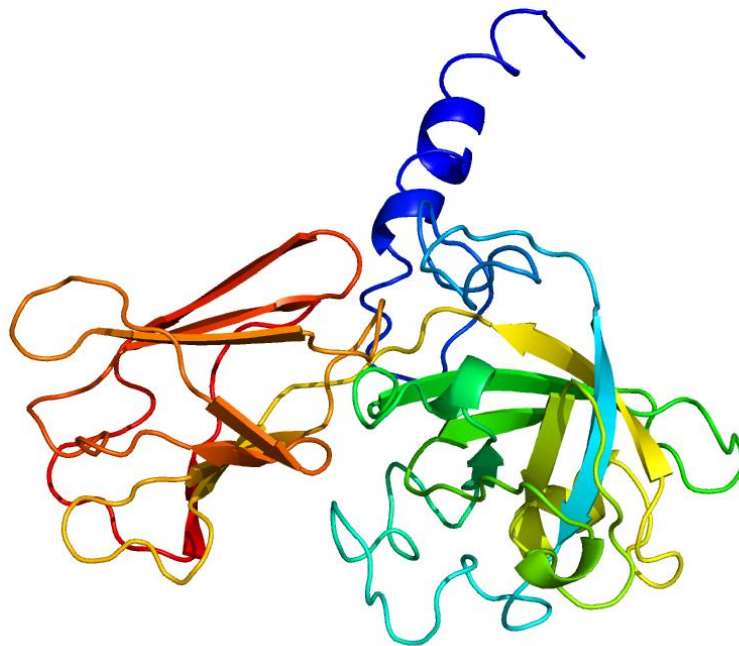
Locus: Bostr.25849s0014

Gene Model: Bostr.25849s0014.1.p

Description: BosEXPA-21

Family: Alpha Expansin

3D structure:



GENOME DATABASES

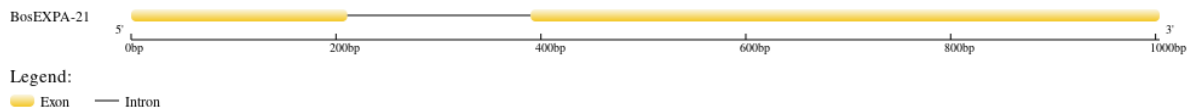
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bstricta_v1_2

KEGG:-

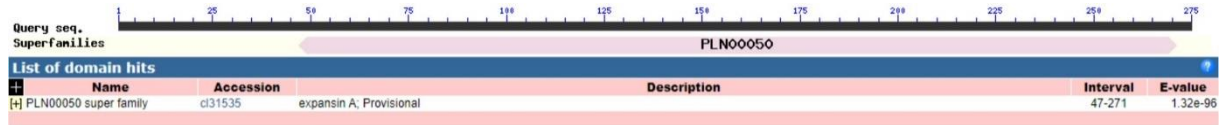
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BosEXPA-21

MKHLEKMIYVECFMIVMAIWVVPISYGHGADLAEAPMIGDVGHSPTKGFDTSWYDA
RATFYGDIHGGGTQQGACGYGDLNKQGYGLATAALSTALFNNGYTCGACYEIMCTR
DPQWCLPGSIKITATNFCPPDYTKTRDIWCNPPQKHFDLSQPMFLKIAKYKAGVVPVR
YRRVPCAKAGGIKFETKGNPNFLTILPYNVGGAGDIKAMQVKGTRTGWITMSKNWG
QNWTTGVVLTGQGLSLRITTS DGITKDFTNVIPPNWGFGQTFDGKINF*

CDS (coding sequence)

>BosEXPA-21

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GATTGGTGATGTAGGCCATTCACCTACCAAAGGATTCGACACTTCTTGGTATGAC
GCACGAGCCACATTTTACGGTGATATCCATGGTGGAGGCACTCAACAGGGAGCTT
GTGGATATGGTGATCTAAACAACAAGGCTATGGTCTAGCTACAGCAGCATTGAG
CACGGCGCTCTTCAACAACGGGTACACATGCGGGGCTTGTTACGAGATCATGTGT
ACGCGTGATCCACAATGGTGTTTGCCCGGATCCATCAAGATCACAGCAACAAATT
TCTGTCCACCAGATTACACCAAACTAGAGACATTTGGTGTAACCCACCACAAAA
ACACTTTGATCTCTCCAGCCAATGTTCCCTCAAGATCGCTAAGTACAAAGCCGGG
GTTGTCCCGGTTAGATACAGACGTGTTCCCTTGTTGCGAAAGCCGGTGGTATCAAGT
TTGAAACCAAAGGAAACCCTAATTCCTAACAATCTTGCCATAACAATGTAGGAGG
AGCCGGAGATATTAAGCCATGCAAGTTAAAGGAACCAGGACTGGGTGGATAAC
AATGAGCAAAAATTGGGGACAAACTGGACCACTGGTGTGTTGATTAACCGGTCA
GGGTTTATCATTGAGGATTACGACCAGTGATGGAATTACAAAGGATTTTACTAAT
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AG

Nucleotide

>BosEXPA-21

ATGAAACACTTAGAAAAAATGATTTATGTTGAATGTTTTATGATCGTAATGGCAA
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GTGGTATCAAGTTTGAAACCAAGGAAACCCTAATTTCCCTAACAATCTTGCCATA
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TGGGTGGATAACAATGAGCAAAAATTGGGGACAAAACCTGGACCACTGGTGTTGT
ATTAACCGGTCAGGGTTTATCATTGAGGATTACGACCAGTGATGGAATTACAAAG
GATTTTACTAATGTGATTCCACCGAATTGGGGATTTGGTCAAACCTTTTGATGGGA
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