

IDENTIFICATION

Species: *Boechera stricta*

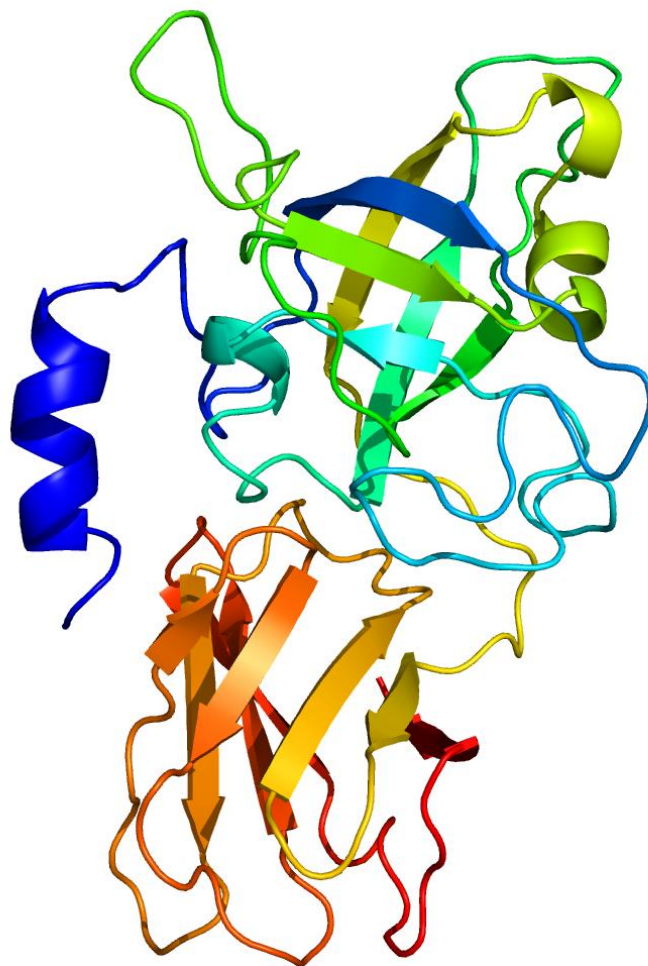
Locus: Bostr.10273s0412

Gene Model: Bostr.10273s0412.1.p

Description: BosEXPA-10

Family: Alpha Expansin

3D structure:



GENOME DATABASES

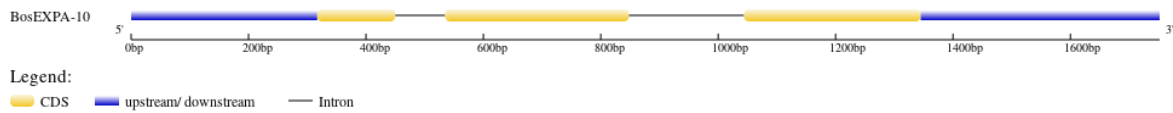
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bstricta_v1_2

KEGG:-

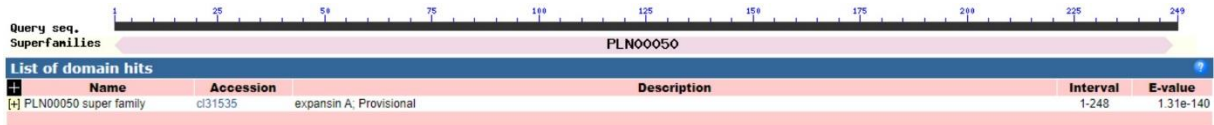
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BosEXPA-10

MALVAFLMAILGVMTSCVNGYAGGGWVNAHATFYGGGDASGTMGGACGYGNLY
SQGYGTNTAALSTALFNGLSCGACFEIRCQNDGKWCLPGSIVVTATNFCPPNNALP
NNAGGWCNPPQQHFDSLQPVFQRIAQYRAGIVPVA YRRVPCVRRGGIRFTINGHSYF
NLVLITNVGGAGDVHSAMIKGSRTGWQAMSRNWGQNWQSN SYLNGQALSFKVTTS
DGRTIISNNVAPAGWSFGQTFTGTQ*

CDS (coding sequence)

>BosEXPA-10

ATGGCTCTTGTCGCCTTCTTGTTTATGGCTATCCTCGGAGTAATGACGTCATGTGT
CAATGGCTACGCCGAGGAGGTTGGGTCAACGCACACGCCACATTCTACGGCGG
TGGTGATGCTTCCGGCACAATGGGAGGTGCTTGTGGGTACGGTAACCTTTATAGT
CAAGGGTATGGAACCAACACGGCGGCGCTAAGCACAGCTCTGTTCACAACCGGT
CTGAGTTGTGGTGCTTGCCTTCGAGATAAGATGCCAAAACGACGGAAAATGGTGTC
TCCCTGGCTCAATCGTTGTCACAGCCACAACTTTTGCCCGCCAAACAACGCTTTA
CCGAACAACGCAGGTGGTTGGTGTAACCCTCCTCAGCAGCATTTCGATCTCTCTC
AGCCCGTCTTCAACGCATCGCTCAATACAGAGCTGGCATTGTCCCTGTCGCTTAC
CGAAGAGTGCCATGCGTGAGAAGGGGAGGAATAAGGTTTACCATAAACGGACAC
TCTTACTTCAACCTTGTTCTGATTACTAACGTCGGAGGAGCCGGAGATGTTCACTC
GGCGATGATTAAAGGTTCAAGAACAGGGTGGCAAGCTATGTCAAGGAACTGGGG
ACAGA ACTGGCAGAGTAACTCTTACCTAACGGACAAGCTCTGTCTTTCAAAGTC
ACCACCAGCGATGGTTCGGACCATTATCTCTAACAACGTCGCTCCCGCAGGCTGGT
CTTTTGGCCAGACCTTACCAGGCACGCAGTGA

Nucleotide

>BosEXPA-10

TAAATAGATTA AAAAGAGTGCAAAGCTAGACTAATTGCTTTGACAGTGGCAAAG
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