

IDENTIFICATION

Species: *Boechera stricta*

Locus: Bostr.19046s0033

Gene Model: Bostr.19046s0033.1.p

Description: BosEXPA-14

Family: Alpha Expansin

3D structure:



GENOME DATABASES

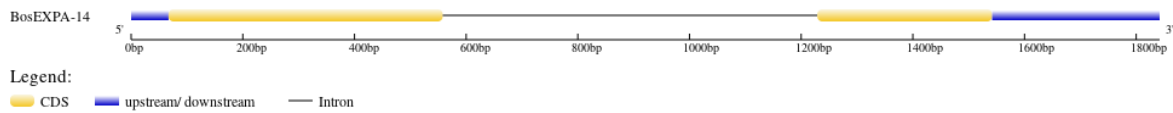
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bstricta_v1_2

KEGG:-

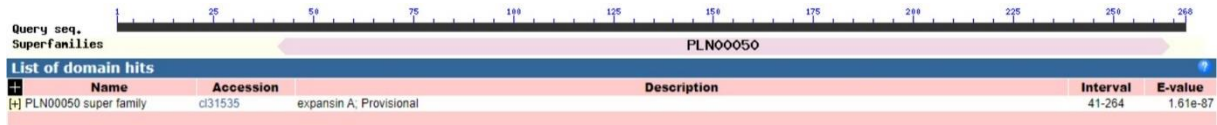
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BosEXPA-14

MMQRFLPLLFLALSPPAISHYSSSTSSPSSSSVSSDASEWRPARATYYAASDPRDAVG
GACGYGDLVKSGYGMATVGLSETLFRGQICGACFELRCVDDLRWCIPGTSIIVTAT
NFCAPNYGFDPEGGGHCNPPNKHVFLPIEAFEKIAIWKAGNMPVQYRRINCRREGSM
RFTVDGGGIFISVLITNVAGSGDIAAVKIKGSRTGWLPMGRNWWGQNWGINADLKNQ
ALSFEVTSSDRSTVTAYNVSPKNWNYGQTFEGKQFETP*

CDS (coding sequence)

>BosEXPA-14

ATGATGCAACGGTTTCTTCTACCTTTACTCTTCCTTGC ACTATCTCCGCCGGCGAT
TTCTCATTACTCTTCCTCAACCTCTTCACCTTCTTCTTCCTCCGTCTCTTCAGACGC
CTCAGAATGGCGTCCAGCTCGAGCCACCTACTACGCCGCTTCGGATCCTAGAGAC
GCGGTGGGCGGTGCGTGTGGATATGGAGATCTCGTCAAATCTGGATACGGTATGG
CTACTGTTGGTCTGAGCGAGACTCTCTTTGAGCGTGGTCAGATCTGTGGTGCTTGT
TTCGAGCTCAGATGTGTTGATGATCTCCGTTGGTGTATCCCTGGA ACTTCAATCAT
TGTCACCGCTACGAATTTTTGTGCTCCTAATTACGGATTTGATCCCGAAGGTGGTG
GTCACTGTAATCCACCGAACAAACATTCGTTCTTCCGATCGAAGCGTTTGAGAA
GATCGCTATTTGGAAGCTGGGAACATGCCGGTGCAGTATCGGAGGATCAACTGT
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TTCTGATCACCAATGTTGCAGGCTCTGGT GATATAGCTGCTGTGAAGATCAAAGG
GTCGAGAACCGGGTGGTTACCTATGGGTCGTAATTGGGGACAAAATTGGC ATATC
AATGCTGATCTCAAGAACCAAGCTCTCTCATTTGAGGTA ACTTCTAGTGACAGGT
CAACCGTGACAGCTTACAATGTCTCCCCTAAA AACTGGAATTACGGACAGACCTT
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Nucleotide

>BosEXPA-14

AAATCATAAAATCTCTCTCAAACAATCAAACACTTCGCATTTTCTCTCTCGAACTC
TCGCCGGAGAGATGATGCAACGGTTTCTTCTACCTTTACTCTTCCTTGC ACTATCT
CCGCCGGCGATTTCTCATTACTCTTCCTCAACCTTTCACCTTCTTCTTCCTCCGTC
TCTTCAGACGCCTCAGAATGGCGTCCAGCTCGAGCCACCTACTACGCCGCTTCGG
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