

IDENTIFICATION

Species: *Boechera stricta*

Locus: Bostr.4825s0013

Gene Model: Bostr.4825s0013.1.p

Description: BosEXPA-06

Family: Alpha Expansin

3D structure:



GENOME DATABASES

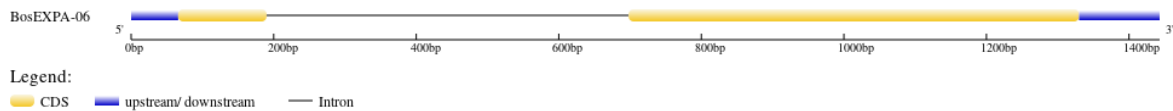
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bstricta_v1_2

KEGG:-

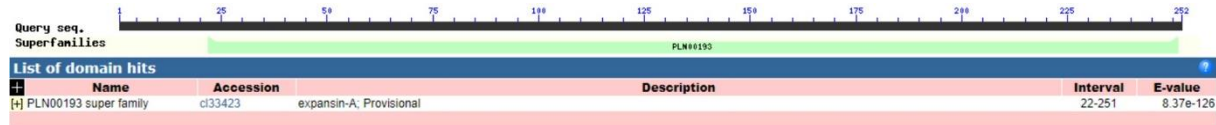
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BosEXPA-06

MTKIFSLLVAVIFSMMISSVSAGWLQAHATFYGGSDASGTMGGACGYGNLYTDGYK
TNTAALSTALFNDGKSCGGCYQIVCDATQVPQWCLKGRSITITATNFCPPNFAQSD
NGGWCNPPRPHFDMAQPAFLTI AKYKAGIVPILYKRVGCRRSGGMRFTMNGRNYFE
LVLISNVAGAGEISKVWIKGSKSNKWETMSRNWGANYQSNTYLNGQSLSFKVQLSN
GDIKAALNVVPSNWRFGQSFKSNINF*

CDS (coding sequence)

>BosEXPA-06

ATGACGAAGATTTTCTCTCTTTTGGTCGCAGTGATCTTCTCCATGATGATCAGCTC
AGTTTCTGCTGGTTGGTTGCAGGCTCATGCGACCTTCTATGGCGGAAGTGATGCTT
CTGGTACAATGGGTGGAGCTTGTGGTTATGGAAATCTATACACGGATGGTTACAA
GACAAACACTGCGGCGTTAAGCACGGCATTGTTTAACGATGGCAAGTCATGTGGT
GGATGTTACCAAATCGTGTGCGACGCGACCCAAGTGCCACAATGGTGTCTTAAAG
GCAGATCAATCACAATCACTGCCACAACTTCTGTCCACCAAACTTTGCTCAGGC
AAGCGACAATGGAGGATGGTGCAACCCACCGAGACCTCACTTCGACATGGCTCA
GCCTGCGTTTCTGACCATCGCCAAGTACAAAGCTGGAATCGTCCCATTCTTTACA
AAAGAGTTGGATGCAGAAGAAGCGGAGGGATGAGATTTACAATGAACGGTAGAA
ACTATTTTGAGCTTGTTCATCTCAAACGTTGCAGGAGCTGGTGAGATCTCTAAA
GTTTGGATCAAAGGATCTAAGAGCAACAAATGGGAGACAATGTCAAGAAATTGG
GGAGCTAATTATCAGAGCAACACTTACCTTAATGGTCAATCTCTATCTTTCAAAGT
TCAACTTAGCAATGGAGATATCAAAGCAGCTCTCAACGTTGTTCTTCGAATTGG
CGGTTTGGTCAGAGCTTCAAGAGCAACATCAACTTCTGA

Nucleotide

>BosEXPA-06

CTACAATCATCAACCAAAAAGAATCAAAGTTAAACACCTAAGA ACTTTTTGAAAA
AAGAAAAAAAATGACGAAGATTTTCTCTCTTTTGGTCGCAGTGATCTTCTCCAT
GATGATCAGCTCAGTTTCTGCTGGTTGGTTGCAGGCTCATGCGACCTTCTATGGCG
GAAGTGATGCTTCTGGTACAATGGGTAAAGTCTCATAAACTAGAGATGAACATTTG
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ATGTATGTATACCAAAAAAATATTA AAAAGCTCTTGGGTTTGATTTAAAAGAAAA

AAAATATATGAAAATATCAACACTAATCTTTTTTAGTTAATATATTTTCATATAGT
ACAAAGACATTTATTTTAATATGTATTACTAATTATGATACGGATTTTTCATGAAT
CTTGATACATATTTTACTTTGAAAAAATGCCTTTTAAACGAATTTTGATTTACTTG
ATTCGGTTCAGTTTCACAAATTGGTTTTAGTAAAGTTTAGGTATTAATCAGACTAC
AAATTAGTTTTGGTTTTGGAAACTTTTCGGTTTGATTTAGTTGGATTCGGTTTTACC
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ATTTTGATTTTCTCTTTTTTTCTTCTTCAGGTGGAGCTTGTGGTTATGGAAATCTAT
ACACGGATGGTTACAAGACAAACTGCGGCGTTAAGCACGGCATTGTTTAAACG
ATGGCAAGTCATGTGGTGGATGTTACCAAATCGTGTGCGACGCGACCCAAGTGCC
ACAATGGTGTCTTAAAGGCAGATCAATCACAATCACTGCCACAACTTCTGTCCA
CCAACTTTGCTCAGGCAAGCGACAATGGAGGATGGTGCAACCCACCGAGACCT
CACTTCGACATGGCTCAGCCTGCGTTTCTGACCATCGCCAAGTACAAAGCTGGAA
TCGTCCCCATTCTTTACAAAAGAGTTGGATGCAGAAGAAGCGGAGGGATGAGATT
TACAATGAACGGTAGAAACTATTTTGAGCTTGTTCTCATCTCAAACGTTGCAGGA
GCTGGTGAGATCTCTAAAGTTTGGATCAAAGGATCTAAGAGCAACAAATGGGAG
ACAATGTCAAGAAATTGGGGAGCTAATTATCAGAGCAACACTTACCTTAATGGTC
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GT