

IDENTIFICATION

Species: *Boechera stricta*

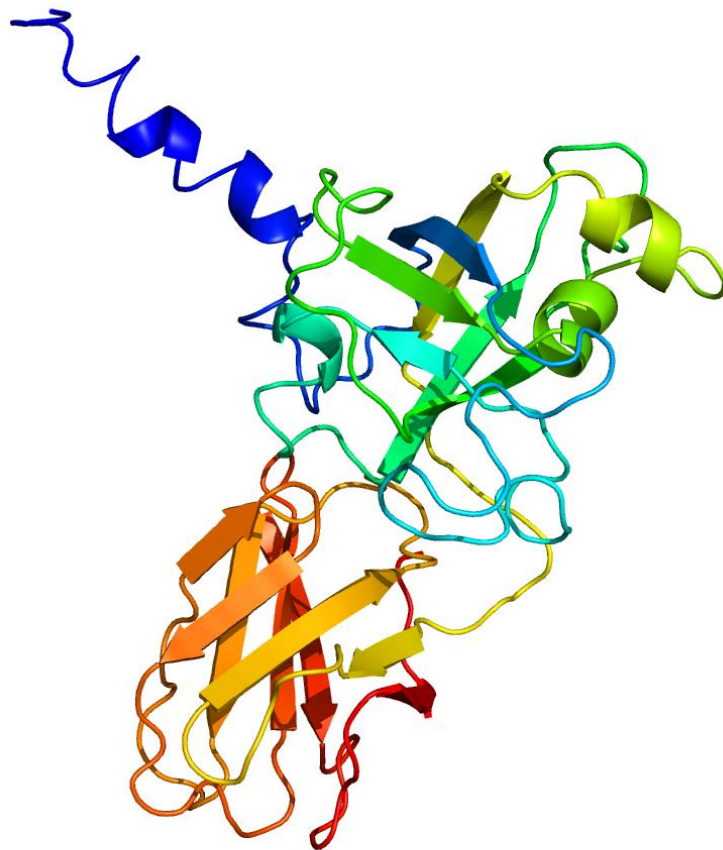
Locus: Bostr.25993s0263

Gene Model: Bostr.25993s0263.1.p

Description: BosEXPB-04

Family: Beta Expansin

3D structure:



GENOME DATABASES

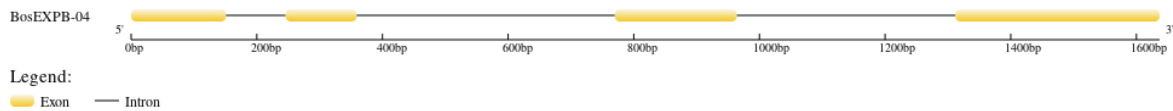
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bstricta_v1_2

KEGG:-

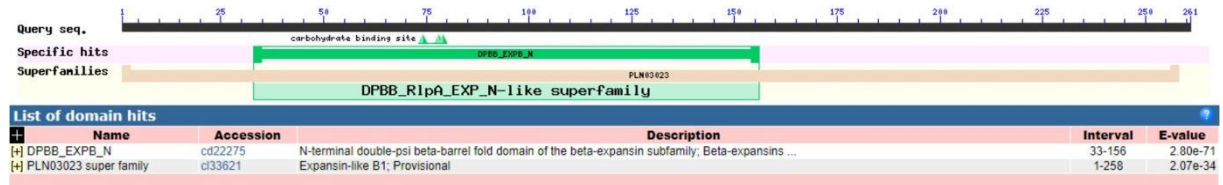
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BosEXPB-04

MASSHRYFALLSLFAVSLKFCYCQNETIDVAGWGAAGVTWYGE PDGAGSTGGACG
YGFVVANPLYAMVSAGGPSLFNNGKGCCTCYQIVCSGNPACSGRPITVTITDECPGG
PCASEPAHLDSLGRAMGALAKPGQADRLRSAGVLRVYYKRTACLYRGNNIAFHMD
AGSNPYIAFVVEYENGDGNLASVEIQPVGGFRFIRMQEMRSAVWKINSGSALRGPFI
RLTSGESHKVVVAQTVLPANWRANGTYRSIVNFN*

CDS (coding sequence)

>BosEXPB-04

ATGGCATCATCACATAGATATTTTCGCTCTCTTATCTCTTTTCGCTGTCTCACTAAA
GTTTTGTTATTGTCAAATGAGACTATAGATGTTGCTGGATGGGGGGCCCGCGGA
GTTACTTGGTACGGTGAACCTGACGGCGCCGGTAGCACCGGAGGAGCTTGTGGGT
ACGGTTTCGTGGTTGCTAATCCACCGTTATACGCGATGGTTTCAGCCGGAGGCC
TTCCTGTTCAACAATGGAAAAGGATGTGGAACATGTTATCAGATTGTGTGCAGC
GGGAATCCAGCATGCTCGGGGAGACCAATAACGGTGACGATAACTGACGAGTGC
CCCGGTGGTCCTTGCGCCTCAGAACCAGCCCACTTAGATCTTAGCGGCAGAGCCA
TGGGTGCCTTAGCCAAACCTGGCCAAGCCGATCGACTTCGATCCGCTGGTGTCT
ACGTGTTTACTACAAACGCACGGCATGTTTATATCGAGGAAATAACATAGCTTTC
CATATGGACGCTGGATCAAATCCGTAATGACATTGTTGTTGTCGAGTATGAAA
ATGGCGATGGAAATTTGGCCTCCGTAGAGATTCAACCGGTTCGGCGGAAGATTCAT
CCGCATGCAAGAAATGAGGTCTGCCGTATGGAAGATAAACTCCGGCAGTGCTCTA
AGAGGTCCATTCAACATCAGACTTACTTCTGGTGAGTCTCATAAAGTAGTCGTCG
CTCAAACCTGTTCTTCCGGCAAATTGGAGGGCCAACGGAACCTACCGTTCAATTGT
TAACTTTAATTAG

Nucleotide

>BosEXPB-04

ATGGCATCATCACATAGATATTTTCGCTCTCTTATCTCTTTTCGCTGTCTCACTAAA
GTTTTGTTATTGTCAAATGAGACTATAGATGTTGCTGGATGGGGGGCCCGCGGA
GTTACTTGGTACGGTGAACCTGACGGCGCCGGTAGCACCGGTACGTAATAATATT

ACATATTTGTAACAGCATGCATAAATACATAATTTTTTTAGAAATAGTAATTCCTTTG
TATATGATGCTTAAATATGTGTAGGAGGAGCTTGTGGGTACGGTTTCGTGGTTGC
TAATCCACCGTTATACGCGATGGTTTCAGCCGGAGGCCCTTCACTGTTCAACAAT
GGAAAAGGATGTGGAACATGTTATCAGGTTTCGTATGGATATATATAGGACAGGG
CAATAGTAATATATGTAACATAGAATTAATGCCTTTCTTGTCGGCTGAATTAATCT
TTTTAAGGCAATGTATAAGTATAGCATTTCAGCTAAGAGGACACAATTTTATTTA
TAGCTAAAATCGTTCATAAAACATAAAAAAAATTGAGTATATATTATATTCAATA
AAGTGACCAGTTCTTTTTATATATTTTTTAAAAATGTTATAATATGTTTGACATATT
TAATTAATTAGATAGAATAAACATTAATATTTGGTTGTGGTCAGACTGCATTTGT
TTTGGGAAAAAATTAGACTTGCAAGTCTGAATGTATATTATATGGTTACAACAAG
ATTTTATCTTTATCAACTATATTGTATATGTTAACCTTTTTTTCTATATAGATTGTGT
GCAGCGGGAATCCAGCATGCTCGGGGAGACCAATAACGGTGACGATAACTGACG
AGTGCCCCGGTGGTTCCTTGCGCCTCAGAACCAGCCCACTTAGATCTTAGCGGCAG
AGCCATGGGTGCCTTAGCCAAACCTGGCCAAGCCGATCGACTTCGATCCGCTGGT
GTTCTACGTGTTTACTACAAACGGTACTTACATATTTGTAAATATTTTGTTTAAA
AAATTTCTTTTTAGGATATCTTATCTAGTTTTTTGGTTTGAGTTTTTTTTTTGTTTGGT
TTACTTAAGATAGAAATCAAACAGAAACCAAGATGAGTTTGATACAATATTTTCG
ATTTTCTGGTTTTAATTTTCTTATATCATTAAAGACATCCGTTAGTTTATTACGTTT
TTATGTAATGTTTTAACGTTTATTATTATTTTTACAAAAGATCTATTCAATTA
ATATTTCTCATATCTAAGTATTTTGTATTTCAGTTATTTATATGATATAACCAATCA
AAATTTGACTTTAATTTGTTTTCTTATCAGCACGGCATGTTTATATCGAGGAAAT
AACATAGCTTTCCATATGGACGCTGGATCAAATCCGTAACATTGCATTTGTTGT
CGAGTATGAAAATGGCGATGGAAATTTGGCCTCCGTAGAGATTCAACCGGTCGGC
GGAAGATTCATCCGCATGCAAGAAATGAGGTCTGCCGTATGGAAGATAAACTCC
GGCAGTGCTCTAAGAGGTCCATTCAACATCAGACTTACTTCTGGTGAGTCTCATA
AAGTAGTCGTCGCTCAAACGTTCTTCCGGCAAATTGGAGGGCCAACGGAACCTTA
CCGTTCAATTGTTAACTTTAATTAG