

IDENTIFICATION

Species: *Boechera stricta*

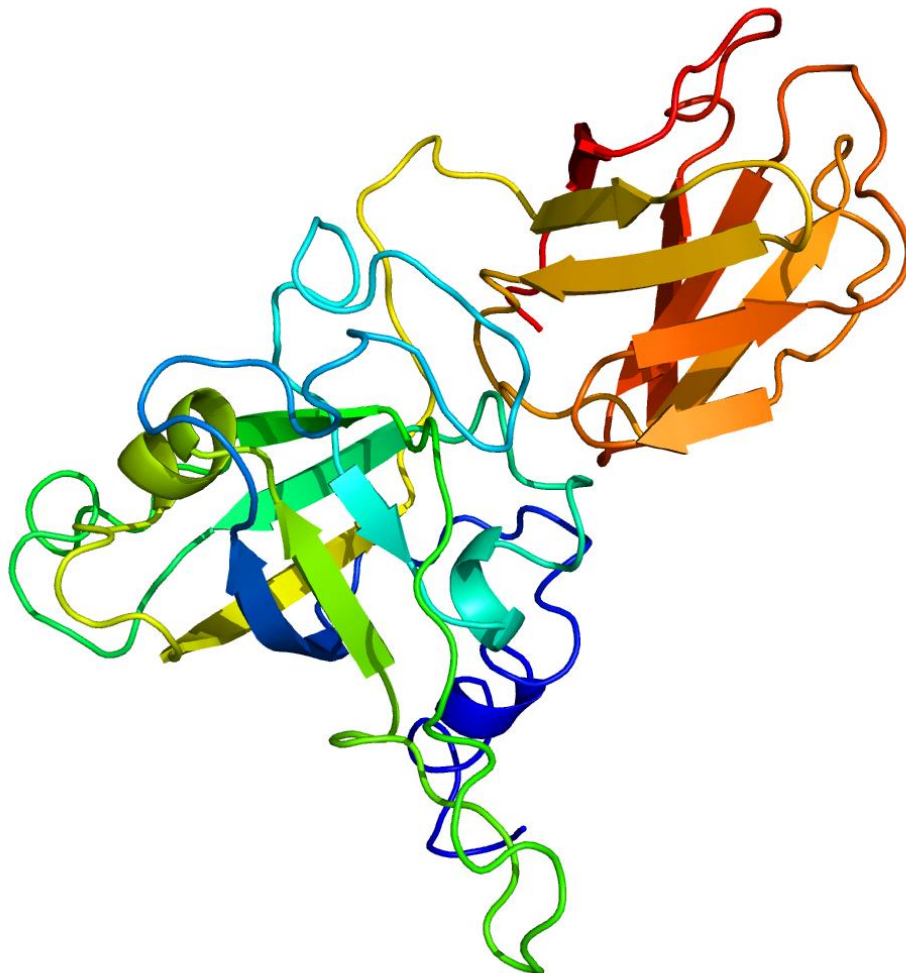
Locus: Bostr.25542s0010

Gene Model: Bostr.25542s0010.1.p

Description: BosEXPA-18

Family: Alpha Expansin

3D structure:



GENOME DATABASES

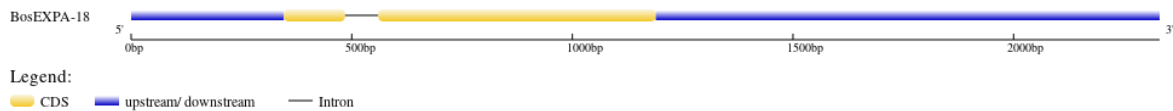
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bstricta_v1_2

KEGG:-

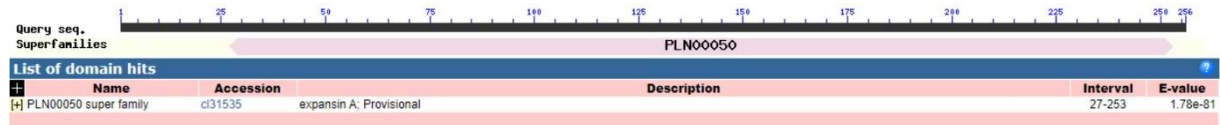
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BosEXPA-18

MDSGLQQLALCIFILCRLFQATAEDDWKIATATLSRDRDGSSSVATGGACGYGDLRQ
SSYGGYSAGLSGKLFNRGSSCGACLEVRVCVNHIRWCLQGSPSVVVTATDFCPPNSGL
SSDYGGWCNFPKEHLELSHAAFTGIAETRAEMIPVQYRRVKCRRGGLRFSNLNGSSH
FFQVLISNVGLDGEVVGVKVKGHTTAWIPMARNWQNWHSLLDLIGQSLSFEVTLK
GGKTIASYDVAPPYWRFGMTYQGKQFHS*

CDS (coding sequence)

>BosEXPA-18

ATGGATTCTGGGCTTCAGCAACTCGCATTGTGCATCTTTATTCTCTGCCGCCTCTT
TCAAGCCACCGCCGAGGATGACTGGAAGATAGCCACAGCCACGCTCTCCAGAGA
CAGGGACGGCTCATCCTCCGTCGCTACTGGAGGCGCTTGTGGGTATGGAGATCTG
AGGCAGAGCAGCTATGGCGGGTACAGCGCAGGCCTGAGCGGGAAGCTGTTCAAC
AGGGGAAGCAGCTGCGGAGCTTGTCTAGAAGTACGGTGCGTGAACCACATCCGG
TGGTGCCTCCAAGGCAGCCCCTCCGTGGTGGTCACCGCCACCGATTCTGTCTCTCC
CAATTCGGGACTGTCTCCGATTACGGAGGTTGGTGCAACTTCCCAAAGGAACAC
TTGGA ACTATCTCATGCCGCCTTCACAGGGATAGCAGAAACCAGAGCCGAGATG
ATACCTGTACAATACAGGAGGGTCAAGTGTGGGCGGAGAGGCGGGTTGAGATTC
AGCTTGAACGGGAGCTCCCACTTCTTCCAGGTGTTGATAAGCAATGTGGGCCTCG
ACGGGGAAGTGGTAGGAGTGAAAGTGAAGGGCCATACAACGGCTTGGATCCCAA
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TCTCTCTTTCGAGGTTACTCTCAAAGGCGGCAAACCATTGCCTCTTATGATGTGG
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A

Nucleotide

>BosEXPA-18

CTCACTCTAGATTTTAAGATCAATGAACTCACACACTCGAGTCTGACCAA
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TTGGTCTGAAACGGGAAGTGTCAAAGTCAAACATGTCAGAGCAATCTTTTGTGCG
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TGAAAAC