

## IDENTIFICATION

**Species:** *Boechera stricta*

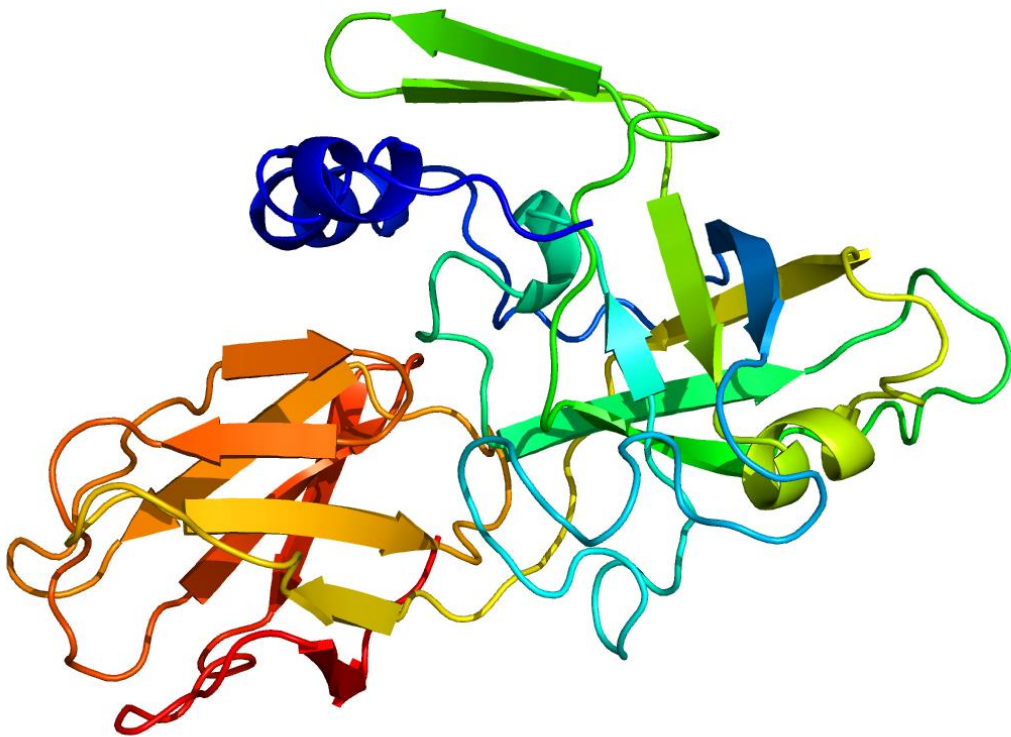
**Locus:** Bostr.0556s0592

**Gene Model:** Bostr.0556s0592.1.p

**Description:** BosEXPA-03

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

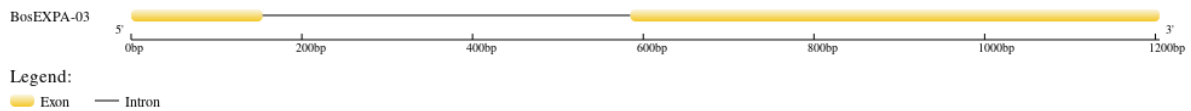
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Bstricta\\_v1\\_2](https://phytozome-next.jgi.doe.gov/info/Bstricta_v1_2)

KEGG:-

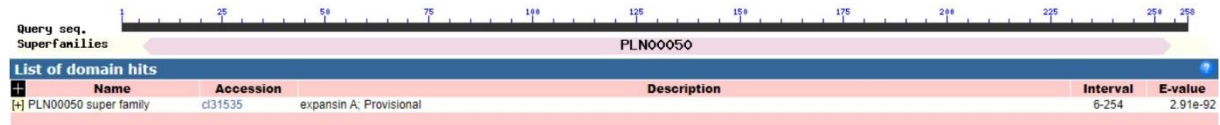
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>BosEXPA-03

MNRSMTFV VLLAILVSVVNLVLAHVGLTSIDPSWYDAHATFYGDISGGETMQGACG  
YGDLFKEGYGLETVALSTALFNNGQTCGACFELMCVNSKWCKPNAGSIKITATNFCP  
PNYAEP IQYHWCNPPNKHFDLSMKMFISFAEYRGGIVPVKFRRVICHKRGGVRF EIKG  
NPYFIMVLVYNVGGAGDVNNVEIRGHKSNWIVMKRNWQIWNTALDLVGQRLSFV  
VRTSDGRSMTFFNV APENWGFQTFEGKLN F\*

### CDS (coding sequence)

>BosEXPA-03

ATGAATCGATCAATGACTTTTGTGTTGTGTTACTGGCGATTCTTGTGTCGGTGGTAAA  
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GTTACGGAGATCTATTCAAAGAAGGCTACGGTTTAGAGACGGTGGCACTAAGCA  
CGGCACTCTTCAACAATGGCCAGACTTGTGGTGCTTGTTCGAGCTCATGTGTGTG  
AACTCAAAGTGGTGCAAACCCAACGCTGGTTCAATCAAATCACAGCCACTAATT  
TCTGTCCACCAAATTACGCCGAACCAATTCAGTACCATTGGTGCAACCCTCCTAA  
CAAACACTTCGATCTGTTCGATGAAAATGTTTCATTCGTTCCGCCGAGTATAGAGGA  
GGGATAGTTCCGGTAAAGTTCCGGAGAGTGATTTGTCATAAGAGAGGTGGTGTGA  
GGTTTGAGATCAAGGGCAATCCATATTTATCATGGTTTTGGTGTATAACGTTGGA  
GGGGCAGGAGATGTGAATAACGTTGAGATTAGAGGACATAAGAGTAATTGGATC  
GTTATGAAGAGGAATTGGGGACAAATTTGGAATACTGCTTTGGACTTGGTGGGAC  
AAAGGCTCTCGTTTGTGGTTCGGACCAGCGATGGTAGGAGCATGACGTTCTTTAA  
TGTTGCGCCCGAGAATTGGGGGTTCGGTCAAAC TTTTGAAGGAAAGTTGAATTTT  
TAG

### Nucleotide

>BosEXPA-03

ATGAATCGATCAATGACTTTTGTGTTGTGTTACTGGCGATTCTTGTGTCGGTGGTAAA  
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CGGTTTCGCAGGTCTAACCATAATTTTTCCGTTCTAAACACGTTGTAGATTTATTC  
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GCCGAACCAATTCAGTACCATTGGTGCAACCCTCCTAACAAACACTTCGATCTGT  
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GGTTCGGACCAGCGATGGTAGGAGCATGACGTTCTTTAATGTTGCGCCCGAGAAT  
TGGGGGTTTCGGTCAAACCTTTTGAAGGAAAGTTGAATTTTTAG