

## IDENTIFICATION

**Species:** *Boechera stricta*

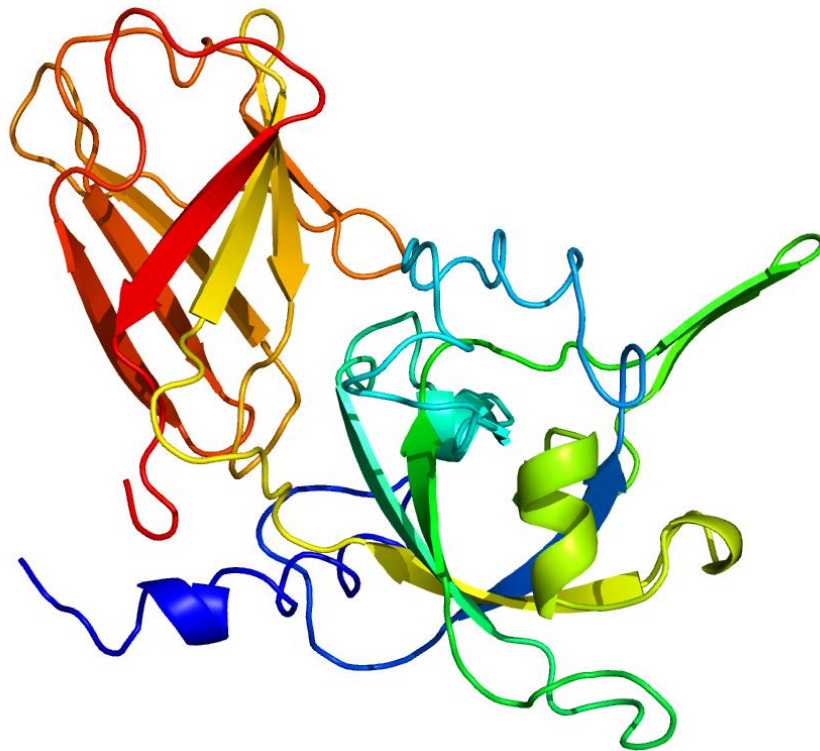
**Locus:** Bostr.26833s0631

**Gene Model:** Bostr.26833s0631.1.p

**Description:** BosEXPA-22

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

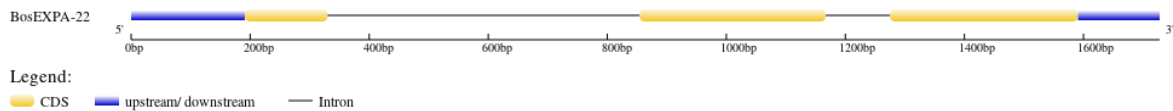
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Bstricta\\_v1\\_2](https://phytozome-next.jgi.doe.gov/info/Bstricta_v1_2)

KEGG:-

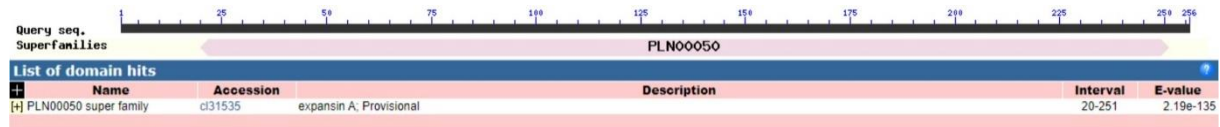
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>BosEXPA-22

MEIVGKVMMSLSLMMMMMWKSVNGYSSGWVNARATFYGGADASGTMGGACGY  
GNLYSQGYGTNTAALSTALFNQSCGACFQIKCVNDPKWCLRGTITVTGTNFCPPN  
FAQANDAGGWCNPPQHFFDLAQPIFLRIAQYKAGVVPVQYRRVACRRKGGIRFTING  
HSYFNLVLITNVAGAGDVISVSVKGTKTGWQSMSRNWQNWQSNANLDGQTLSEK  
VTSDGRTVVSNNATPRNWSFGQTYTGKQFRAQR\*

### CDS (coding sequence)

>BosEXPA-22

ATGGAGATTGTTGGAAAAGTGATGATGTCATTGAGTCTTATGATGATGATGATGT  
GGAAGAGTGTGAATGGTTACAGTAGTGGTTGGGTCAATGCTCGAGCCACATTCTA  
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TACAGTCAAGGGTACGGCACGAACACGGCGGCTCTAAGCACGGCGCTATTCAAC  
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GGTGTCTCAGGGGAACAATTACCGTCACAGGAACAACTTTTGTCCACCGAATT  
TGCTCAGGCCAACGACGCCGGAGGTTGGTGAATCCTCCCCAACATCACTTCGAT  
TTGGCTCAGCCCATCTTCCTCCGCATCGCTCAATACAAAGCCGGCGTAGTCCCCGT  
TCAATACCGGAGAGTGGCTTGCCGGAGAAAAGGAGGAATACGATTCACCATCAA  
CGGTCACTCATACTTCAACCTCGTACTCATAACTAACGTCGCCGGCGCCGGAGAT  
GTTATCTCCGTCTCCGTTAAAGGAACCAAAACAGGTTGGCAAAGTATGTCAAGAA  
ACTGGGGACAGAATTGGCAAAGCAACGCAAATCTTGACGGTCAAACCTCTCCTT  
TAAAGTAACAACCAGTGATGGCCGTACAGTTGTATCTAACAACGCTACTCCACGT  
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### Nucleotide

>BosEXPA-22

ATTCCTCTCCTTTAACTTACTTCCATTTTTTTGTGTGTCCTTTTTGTCTTTCTCCA  
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