

## IDENTIFICATION

**Species:** *Brachypodium sylvaticum*

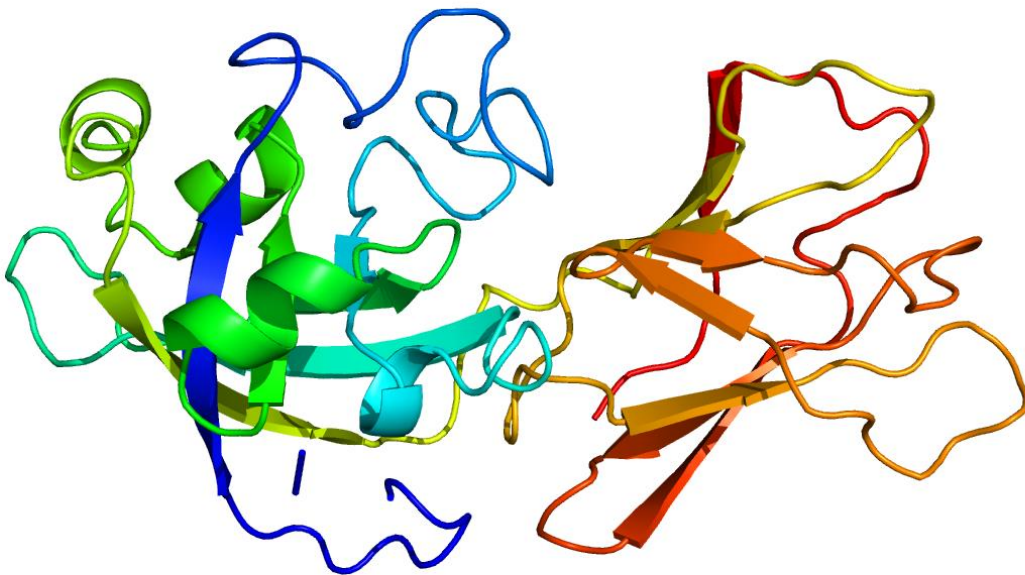
**Locus:** Brasy4G311700

**Gene Model:** Brasy4G311700.1.p

**Description:** BsyEXPB-18

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

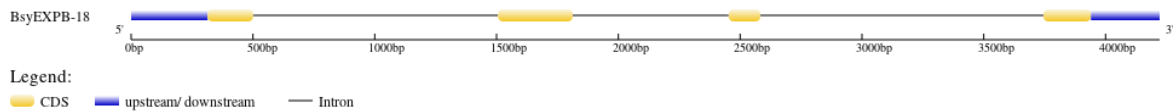
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Bsylvaticum\\_v1\\_1](https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1)

KEGG:-

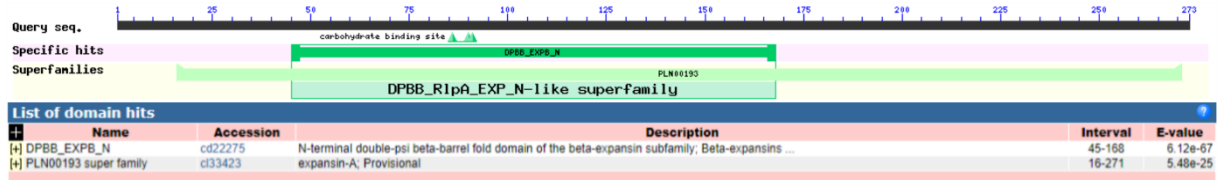
## EXTERNAL RESOURCES

<http://jaiswallab.cgrb.oregonstate.edu/genomics/brasy>

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>BsyEXPB-18

MAGGSGSLAPLSGSCFALLASLLSAVSIFVSAEAGAVHKVVDPPQWHQATATWYGSA  
DGDGSDGGACGYGTLVDVVPMKARVGAVSPVLFKGGEGCGACYKVRCLDAGICSR  
RAVTVIVTDECPGGYCSSGRTHFDLSGAAFGRLAVAGHGGQLRNRGEISVVFRRTPC  
KYRGKNIAFRVVEGSTSFWLSLLVEFEDGDGDIGSMQLKQAKSTQWQDMKHIWGAT  
WSLTPGPLIGPFSVRLTTLTKKTLAQAQDVIPRNWTPKATYTSRLNFI\*

### CDS (coding sequence)

>BsyEXPB-18

ATGGCCGGCGGCTCAGGCTCTCTGGCTCCCTTATCGGGCAGCTGCTTTGCTCTGCT  
CGCTTCTCTCCTTTCTGCGGTGTCCATCTTCGTTAGCGCGGAGGCCGGGGCGGTGC  
ACAAGGTGGTCGACCCGCAGTGGCATCAGGCCACCGCGACCTGGTACGGCAGCG  
CCGACGGCGACGGCAGCGATGGCGGCGCGTGTGGGTACGGGACGCTGGTGGACG  
TGGTGCCGATGAAGGCCCGCGTGGGCGCGGTGAGCCCGGTGCTGTTCAAGGGCG  
GCGAGGGCTGCGGCGCGTGCTACAAGGTCAGGTGCCTCGACGCCGGCATCTGCTC  
GCGCCGCGCCGTGACCGTCATCGTCACCGACGAGTGCCCCGGCGGCTACTGCTCC  
TCGGGCCGCACGCACTTCGACCTCAGCGGCCGCCCTTCGGCAGGCTCGCCGTCG  
CCGGCCACGGCGGGCAGCTGCGCAACCGAGGAGAGATCTCGGTGGTGTTCGCA  
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CATTTGGGGTGCCACCTGGAGCCTCACGCCAGGCCCACTCATTGGACCATTTTCT  
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### Nucleotide

>BsyEXPB-18

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