

## IDENTIFICATION

**Species:** *Brachypodium sylvaticum*

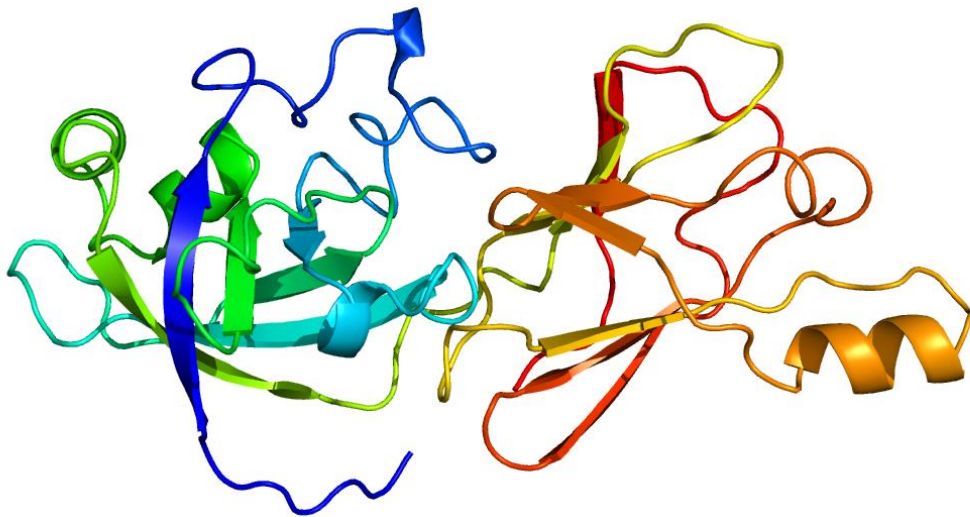
**Locus:** Brasy1G069600

**Gene Model:** Brasy1G069600.1.p

**Description:** BsyEXPB-01

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

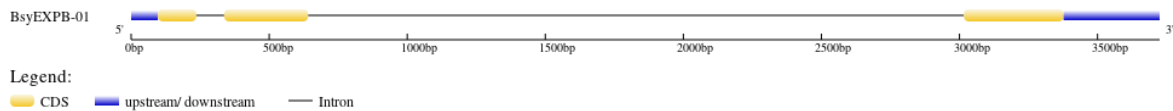
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Bsylvaticum\\_v1\\_1](https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1)

KEGG:-

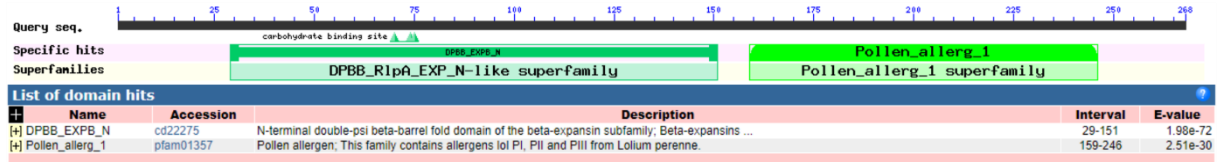
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>BsyEXPB-01

MASPGTALSTTVNLILSILSLLVSSISCWSSGGATWYGSPYGAGSDGGACGYQGAVG  
QRPFSSMIAAGGSPFFKNGKGCACGYQVKCTGNKACSGRPVKVITDSCPGGVCARE  
AHFDMSGTAFGAMANPGMADRLRSAGELRIHYARVPCKYNGMNVAFKVDAGSNPY  
YLAVLVMYQAGDGLSSVEIMQGGCRAGQHGRNGEPWRRMQHSWGATWFLNSND  
GKPLRAPFSFRLTSGSGKVLVATNAIPAGWRAGTSYRSSVNFAS\*

### CDS (coding sequence)

>BsyEXPB-01

ATGGCTAGTCCAGGCACTGCGCTATCCACGACAGTGAACCTCATCCTGTCAATCC  
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GGGAGCCCTTACGGCGCCGGCAGCGACGGTGGCGCGTGTGGTTATCAAGGCGCC  
GTCGGCCAGCGCCCGTTCTCGTCGATGATCGCCGCCGGCGGACCCTCCTTCTTCA  
AGAACGGCAAAGGCTGCGGCGCATGCTATCAGGTCAAGTGCACCGGCAACAAGG  
CCTGCTCCGGTCGCCCCGGTGAAGGTCGTCATCACGACTCCTGCCCCGGCGGCGT  
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CCAGGGTGCCGTGCAAGTACAACGGCATGAACGTTGCGTTCAAGGTGGACGCGG  
GGTCCAACCCGTACTACCTCGCCGTGCTGGTGTATGTACCAGGCCGGCGACGGGGA  
CCTCTCCTCCGTGGAGATCATGCAGGGCGGCTGCAGGGGCCGGCCAGCACGGCAG  
GAACGGCGAGCCGTGGAGGAGGATGCAGCACTCGTGGGGCGCCACGTGGTTCTT  
CAACTCCAACGACGGCAAGCCCCTGCGCGCCCCGTTCTCGTTCCGGCTCACCTCG  
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### Nucleotide

>BsyEXPB-01

GATCTTAGTTGCAAACAAACCTATAGCTAGCCCATCGATCGGCCTTGCATTGTGA  
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