

## IDENTIFICATION

**Species:** *Brachypodium sylvaticum*

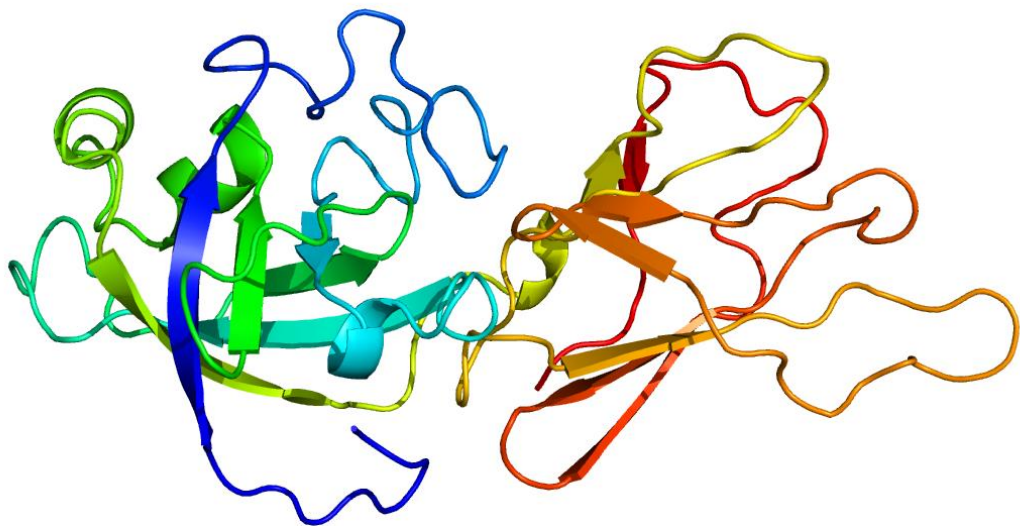
**Locus:** Brasy3G211700

**Gene Model:** Brasy3G211700.1.p

**Description:** BsyEXPB-12

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

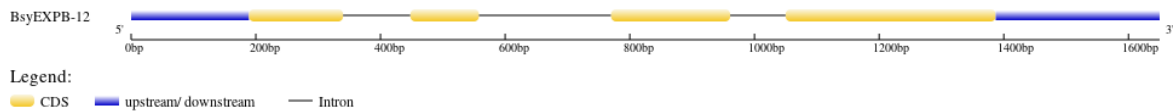
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Bsylvaticum\\_v1\\_1](https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1)

KEGG:-

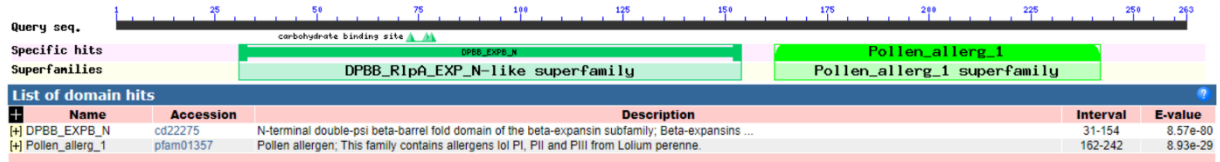
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>BsyEXPB-12

MAGFPGNGVALVALVTALLTYGSCASGSSGWQAAKATWYGAPTGAGPDDNGGAC  
GFKNVNQYPFSSMISCGNEPLFKDGS GCGACYEIRCTKVNNPACSGKAKKIMITDMN  
YYPVAKYHFDLSGTAFGAMANPGQNDQLRHAGIIDMQFRRVPCKNRGLNVNFHVQ  
HGSNPNYLAVLVEYANVDGTVVQMDLRESRRGHPSGPWRP MKRSWGSIW RMDTY  
RPLQGPFSLRSESGQTLVAKQVIPANWKLDTDYRSRVQFR\*

### CDS (coding sequence)

>BsyEXPB-12

ATGGCGGGGTTCCCTGGCAATGGCGTTGCGCTTGTGCACTCGTCACCGCGCTTCT  
CACGTATGGCTCTTGCGCCTCTGGCTCCTCCGGCTGGCAAGCCGCCAAGGCCACC  
TGGTACGGCGCTCCTACGGGCGCCGGTCCCGACGACAACGGTGGTGCTTGCGGCT  
TCAAGAATGTGAACCAGTACCCGTTTTTCGTCCATGATCTCGTGCGGCAACGAGCC  
CCTGTTCAAGGACGGCAGCGGCTGCGGCGCTTGCTACGAGATACGATGCACCAA  
AGTCAACAACCTGCCTGCTCCGGCAAGGCGAAGAAGATCATGATAACCGACAT  
GAACTACTACCCCGTCGCGAAATACCACTTCGACCTAAGCGGCACGGCGTTCGGC  
GCCATGGCCAATCCCGGCCAGAACGACCAGCTCCGCCACGCCGGC ATCATCGAC  
ATGCAGTTCAGGAGGGTGCCATGCAAGAACCGGGGCTTGAACGTGAAC TTCCAC  
GTGCAACACGGGTCGAACCCGA ACTACCTGGCCGTGCTGGTGGAGTACGCGAAC  
GTGGACGGGACGGTGGTGCAGATGGACCTCAGGGAGTCCAGGCGCGGGCACCCG  
AGCGGCCCATGGAGGCCCATGAAACGCTCCTGGGGATCCATCTGGAGGATGGAC  
ACCTACCGCCCGCTGCAAGGGCCCTTCTCCCTCCGCATCCGCAGCGAGTCCGGCC  
AGACGCTGGTGGCCAAGCAGGTCATCCCGGCAA ACTGGAAGCTCGACACCGACT  
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### Nucleotide

>BsyEXPB-12

GAGGCCAAGCATTGACGTAGAATTCCCGTTCCCATTCGGTTTCTGCCTATTGGCCT  
CCCTATAAATGCCCTGGCAATGTGGTTCCATCCGGCCATCGAAACGGCAGACCAC  
ATCTGCGTTGCTACAGCGCCAACCACCGCCTAGCTAGCTACACTAGCGCAAGAGC

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