

## IDENTIFICATION

**Species:** *Brachypodium sylvaticum*

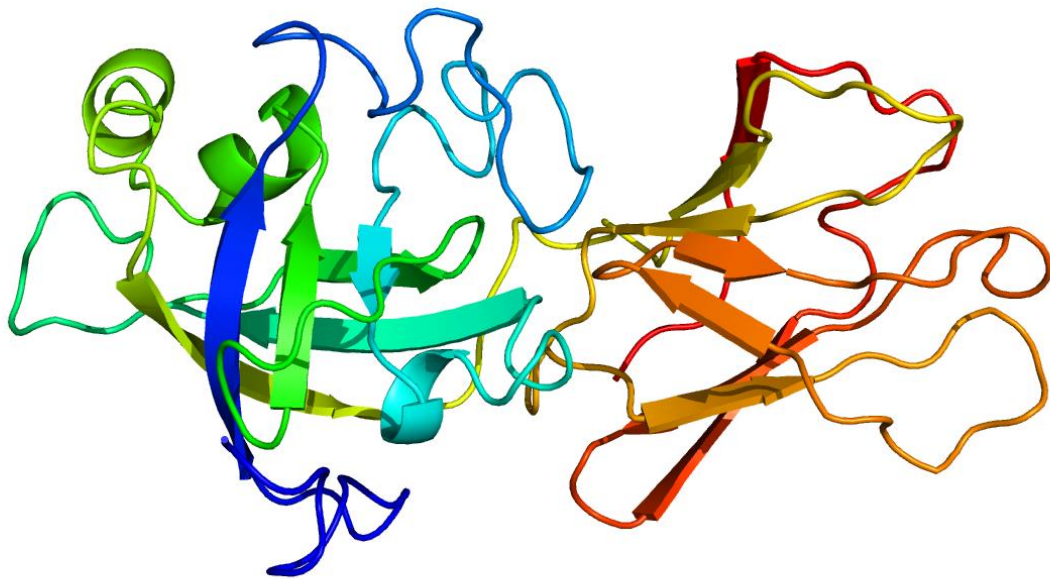
**Locus:** Brasy3G207600

**Gene Model:** Brasy3G207600.1.p

**Description:** BsyEXPB-07

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

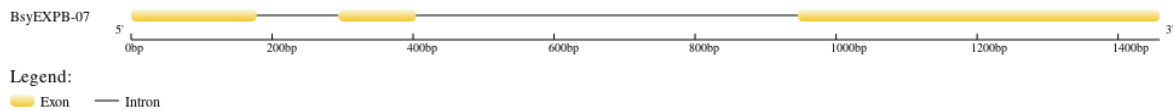
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Bsylvaticum\\_v1\\_1](https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1)

KEGG:-

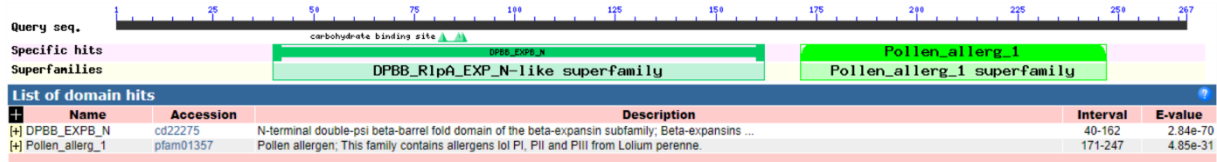
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>BsyEXPB-07

MGSLSYVLAGVVLAALVAGGACIPKVPPGPNVTANYNGLWLNAMATWYGKPTGA  
GPKDNGGACGIKDVNLPYSAMTACGNIPFKDGRGCGSCYEVKCNVPPNLC SNKPIT  
VFITDMNYEPIAPYHLDLSGTAFLMAQPQKEQLLRNCGELQLQFRRVRCRLPPGTKI  
TFHIEKGSNPNYLAVLVKFASDDGDIVQ MELQDKISPEWKPMKQSWGAVWRMDSV  
KPLKGPYSIRVTSSESGKKLIAKDIPLNWKPD TTKSNIQF\*

### CDS (coding sequence)

>BsyEXPB-07

ATGGGTTCCCTCTCGTACGTGCTCGCTGGCGTGCTGGCGGCGCTGGTGGCCG  
GCGGCGCGTGCATCCCCAAGGTGCCGCCGGGCCCAACGTGACGGCCAACTACA  
ACGGCCTGTGGCTCAACGCCATGGCCACCTGGTACGGCAAGCCCACAGGCGCCG  
GGCCCAAAGACAACGGTGGTGCCTGCGGGATCAAGGACGTGAACCTGCCGCCCT  
ACAGCGCCATGACGGCCTGCGGCAACATTCCCATCTTCAAGGACGGCAGGGGAT  
GCGGCTCCTGCTACGAGGTCAAGTGCAATGTGCCGCCGA ACTTGTGCTCGAACAA  
GCCATAACGGTGTTCATCACGGACATGAACTACGAGCCGATCGCGCCGTACCAC  
CTCGACCTCTCCGGCACGGCGTTCGGCCTAATGGCGCAGCCCGGGAAGGAGCAG  
CTGCTCCGCAACTGCGGGGAGCTGCAGCTGCAGTTCAGGAGGGTCCGCTGCAGGT  
TACCGCCGGGCACCAAGATCACCTTCCACATCGAGAAGGGGTCCAACCCAACT  
ACCTGGCCGTGCTCGTCAAGTTCGCCTCCGACGACGGCGACATCGTGCAGATGGA  
ACTCCAGGACAAAATTTCCGCCGAGTGAAGCCCATGAAGCAGTCGTGGGGCGC  
CGTCTGGAGGATGGACTCCGTCAAGCCGCTCAAGGGCCCTTACTCCATCCGCGTC  
ACCAGCGAGTCCGGCAAGAAGCTTATTGCCAAGGATATTATCCCGCTCAACTGGA  
AGCCCGACACCACCTTGAAGTCCAATATCCAGTTCTAG

### Nucleotide

>BsyEXPB-07

ATGGGTTCCCTCTCGTACGTGCTCGCTGGCGTGCTGGCGGCGCTGGTGGCCG  
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ACGGCCTGTGGCTCAACGCCATGGCCACCTGGTACGGCAAGCCCACAGGCGCCG

GGCCCAAAGACAACGGTAATTACCAACGAACGCGCGCGCATGCAGTCGACTACA  
GATTTCTTACTACTTGTTCATGCAATGTTGTCCCGAAAAAATGTGTGCTCGATCGAT  
CGGACGCGCGTGTACGTACAGGTGGTGC GTGCGGGATCAAGGACGTGAACCTGC  
CGCCCTACAGCGCCATGACGGCCTGCGGCAACATTCCCATCTTCAAGGACGGCAG  
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CCGTTATTGTGGCGGGGATTTTCATCCCTCGGCGATCTCTCAAATAAAAAAACCGT  
GTCACCTTCGCAGAATTAGACAAATTTGGCACACAGAAAGAGCAGCTGCAATTTCC  
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TTTCTGTCAACTCAAAGATAGATATATTTTCAGTCGATAACCATAATCATCTTTGTA  
TTATTCACATAATTTTTGGTGATTGGATCAGTCAGATGATTGTTAAAGTCGACATA  
GAAATAGTTGTTTCTCGGTCTTCTGAGAAATAGAAAAATTGTGTTAAAAAATGTC  
AAAAGAACCGAGATTTGGAAATAATGTGCAAGTTATGGTAATCATAGATTCGATA  
TGAATTGCAGGTCAAGTGCAATGTGCCGCCGA ACTTGTGCTCGAACAAGCCCATA  
ACGGTGTTCATCACGGACATGAACTACGAGCCGATCGCGCCGTACCACCTCGACC  
TCTCCGGCACGGCGTTCGGCCTAATGGCGCAGCCCGGGAAGGAGCAGCTGCTCCG  
CAACTGCGGGGAGCTGCAGCTGCAGTTCAGGAGGGTCCGCTGCAGGTTACCGCC  
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CACCACCTTGAAGTCCAATATCCAGTTCTAG