

## IDENTIFICATION

**Species:** *Brachypodium sylvaticum*

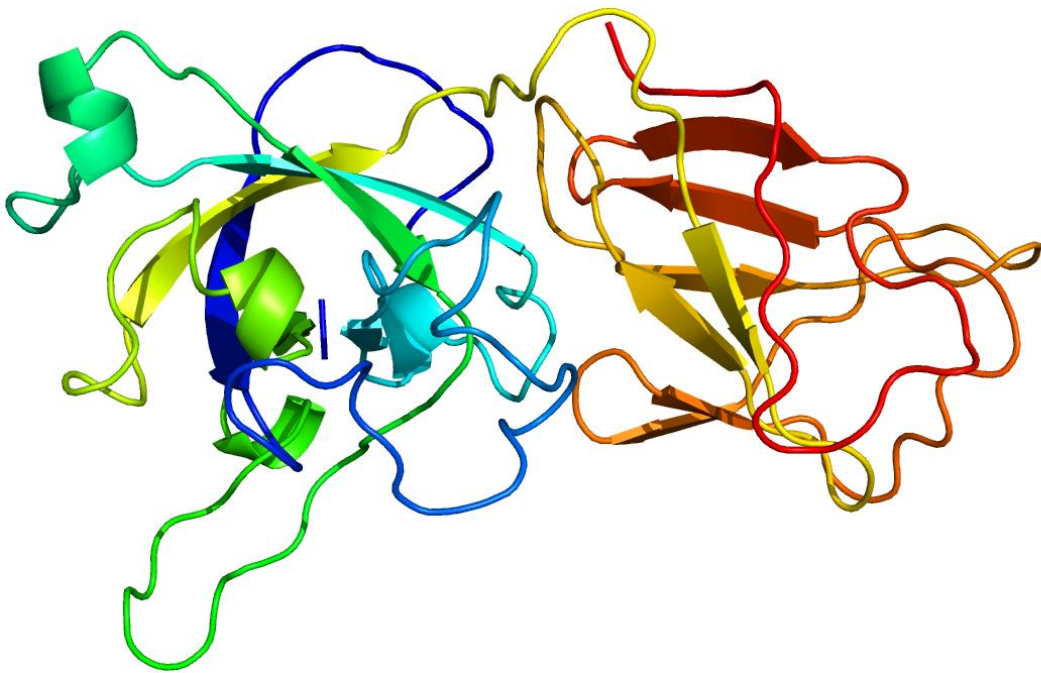
**Locus:** Brasy3G104700

**Gene Model:** Brasy3G104700.1.p

**Description:** BsyEXPA-10

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

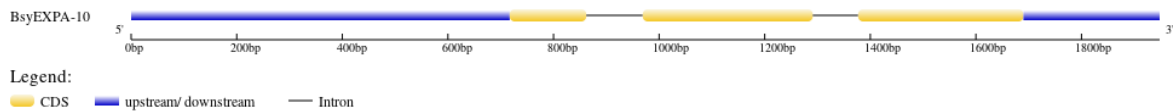
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Bsylvaticum\\_v1\\_1](https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1)

KEGG:-

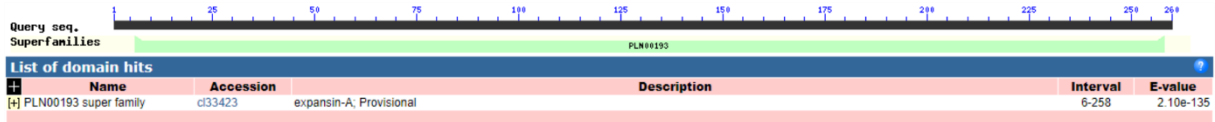
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>BsyEXPA-10

MAPAPAQVIAVVLLTAGYAALAGSSPAPIVWQRATATFYGEADASGTMGGACGYG  
NLYDEGYGTRSAALSRLFNDGASCGQCYKIACDRKIDPRWCKPGVTVTITATNFCP  
PNNTLPNDGGGWCNTPRPHFDMAQPAWEKIGIYRGGIIPVMYQRPVCVKKGGVRFKI  
NGHDYFNLVLTNVATAGSIKSMVMSSDSKDWAPMSRNWGANWHSLAYLSGKQ  
LSFRITNTDGQTLFLDKIVPSGWKFGQTFASKVQFN\*

### CDS (coding sequence)

>BsyEXPA-10

ATGGCGCCGGCTCCAGCTCAAGTGATTGCCGTGGTGCTGCTCACAGCGGGCTATG  
CTGCTTTGGCCGGGTCGTCGCCGGCACCGATCGTTTGGCAGAGGGCGACCGCGAC  
GTTCTACGGTGAAGCTGACGCCTCCGGCACCATGGGTGGTGCGTGTGGGTATGGC  
AACCTGTACGACGAGGGGTACGGGACCCGGTTCGGCGGGCGCTGAGCAGGGTGCTG  
TTCAACGACGGCGCGTCGTGTGGACAATGCTACAAGATTGCGTGCGATCGCAAGA  
TAGACCCGAGGTGGTGCAAACCTGGCGTGACGGTGACAATCACCGCTACAACTT  
CTGCCCCGCCAACAATACCCTTCCGAACGACGGCGGAGGCTGGTGCAACACACC  
ACGGCCGCACTTCGACATGGCGCAGCCGGCCTGGGAGAAGATCGGTATCTATAG  
AGGTGGCATCATTCCGGTCATGTATCAGAGGGTTCCATGCGTGAAGAAGGGCGGC  
GTACGGTTCAAATCAATGGCCATGACTACTTCAATCTCGTGCTTGTACCAACG  
TTGCAACTGCTGGCTCGATAAAATCCATGGACGTCATGAGCTCCGATTCAAAGA  
TTGGGCCCCCATGTACGCAACTGGGGTGCAAACCTGGCACTCCTTGGCATATCTC  
AGCGGGAACAACACTCTCGTTCAGAATAACCAACACGGATGGGCAAACACTTCTG  
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### Nucleotide

>BsyEXPA-10

CGAAGAGAATCGCGTGCAGAGCACTGCAAGCACCTTTTAGCAATTGCAAAAATA  
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ACCCGTATGTGTCACGAGGCATACGT