

## IDENTIFICATION

**Species:** *Brachypodium sylvaticum*

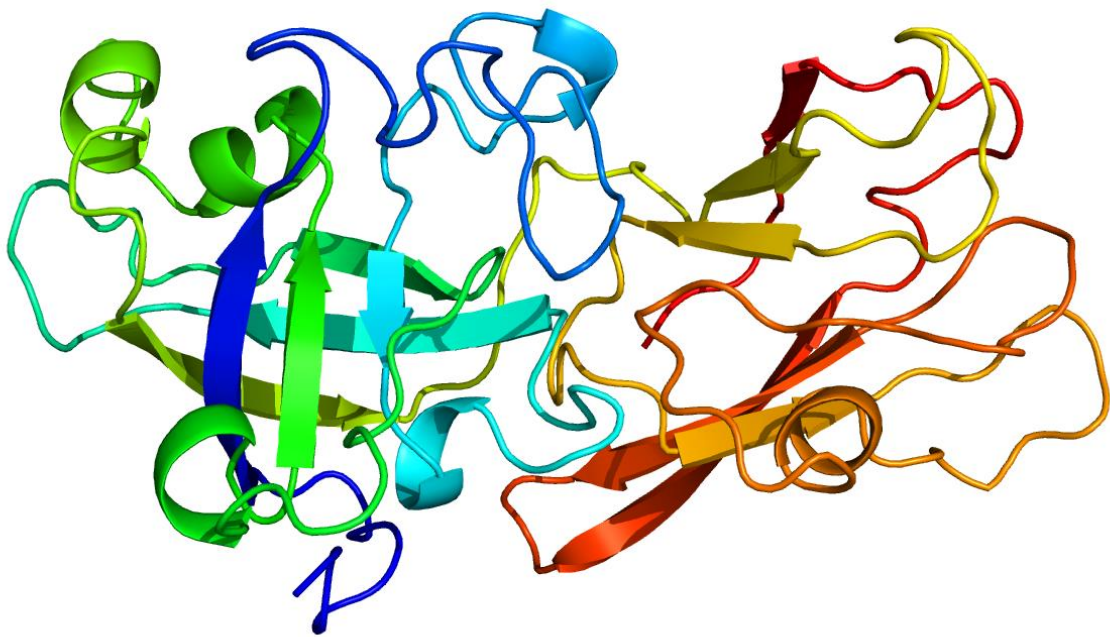
**Locus:** Brasy7G220800

**Gene Model:** Brasy7G220800.1.p

**Description:** BsyEXLA-06

**Family:** Expansin Like Alpha

**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:-

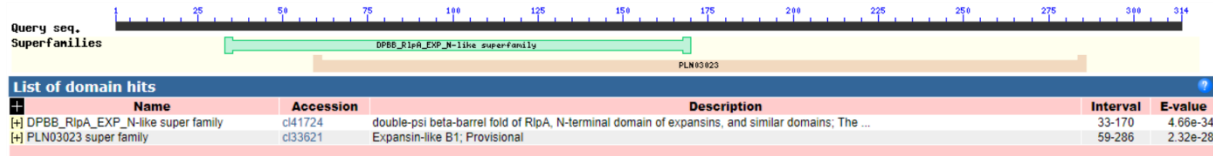
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>BsyEXLA-06

MAAAVAQLLLVLTLCLTVAAAGSPAAPSSSYRCGWCRRRGSSATASILPPDEATG  
AACGYGAVMPSAAAGGGFYFAAASAGFFRHGQAACGTCYQLRCRDQASCGQDGV  
KVVITDEIETNSTTSAGGGGGGRFLLPRDAFAAMA AVHGDDDDLQPQAVAVDFRRIP  
CDLHKDRTMAVKVEETSNNKNRGLALRFLFLGGQTDIAAVEVAPASSSSYSSFSW  
RHLTRSRRDGVWSTERAPAGPLRLRVVVVTAGSGGKWL RADRAVLPADWMPGGVY  
DTGLRVTDVAVSTCSCSAGDQDDDKEGHKEEDFR\*

### CDS (coding sequence)

>BsyEXLA-06

ATGGCCGCCGCGTCGCGCAGCTGCTGCTTCTAGTTCTAACCTCCTCTGCCTCAC  
GGTGGCCGCCGCGGATCGCCGGCCGCTCCATCCTCCTACCCTGCGGCTGG  
TGCCGCCGCGCGGCTCCAGTGCTACCGCCTCCATCCTCCCTCCTGACGAGGCCA  
CCGGCGCCGCTGCGGCTACGGGGCGGTGATGCCATCAGCTGCTGCCGGCGGCG  
GCTTCTACTTCGCCGCCGCCAGCGCCGGCTTCTTCCGCCACGGCCAAGCTGCCTGC  
GGCACATGCTACCAGTTGAGGTGCAGAGACCAGGCCTCGTGCGGTCAGGACGGC  
GTCAAGGTCGTCATCACCGACGAGATTGAGACCAACAGCACGACATCCGCCGGC  
GGCGGCGGTGGCGGGCGGTTCTTGCTTCCCAGGGACGCCTTCGCCGCCATGGCTG  
CCGTTTCATGGCGATGATGATGATCTGCAGCCGCAGGCAGTTGCCGTGGATTTTAG  
GAGGATCCCCTGCGACCTGCACAAGGACAGGACCATGGCCGTGAAGGTGGAGGA  
GACGAGCAACAACAAGAACC GCGGCCCTCGCGCTCCGGTTCCTTCTTCTGGGC  
GGCCAGACCGACATCGCCGCGGTCGAGGTCGCGCCTGCTTCGTCTTCTTCTTCTT  
TTCTTCTTTTCATGGCGGCACCTGACGCGGTGCGGGAGGGATGGAGTGTGGAGC  
ACGGAGCGGGCGCCGGCGGGGCGCTGCGGCTGCGGGTGGTGGTGACGGCGGGG  
TCCGGCGGCAAGTGGCTGCGGGCCGACCGGGCGGTGCTCCCCGCCGACTGGATG  
CCCGGCGGGGTGTACGACACCGGGCTCAGGGTCACCGACGTCGCCGTGAGCACTT  
GCTCCTGCTCCGCCGGAGACCAAGACGACGACAAAGAAGGCCACAAGGAAGAGG  
ACTTCAGATGA

