

## IDENTIFICATION

**Species:** *Brachypodium sylvaticum*

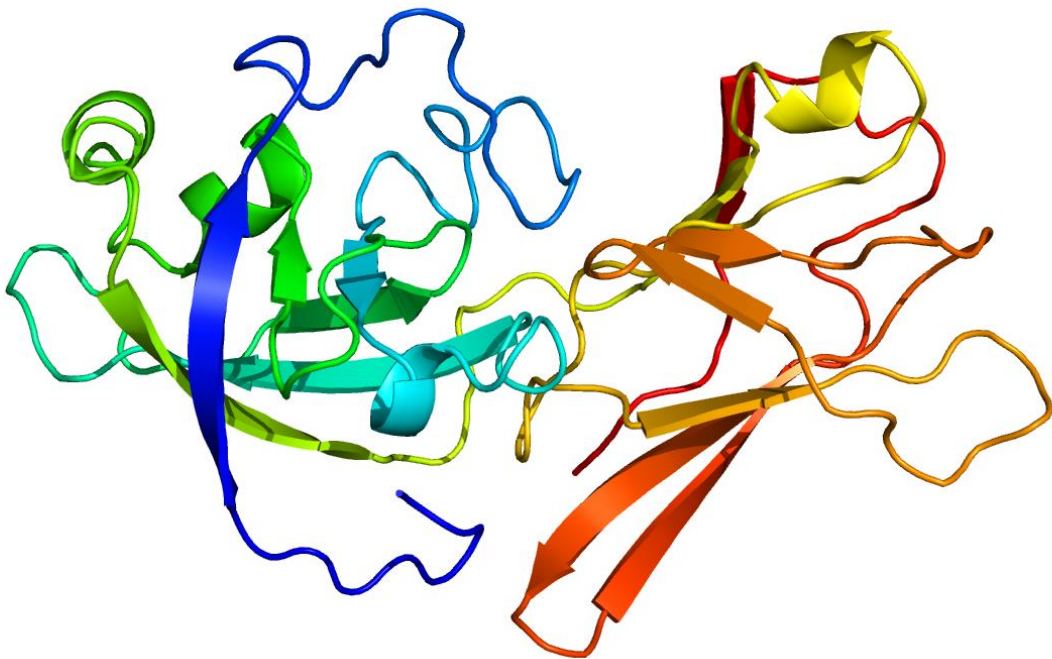
**Locus:** Brasy6G156200

**Gene Model:** Brasy6G156200.1.p

**Description:** BsyEXLA-05

**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:-

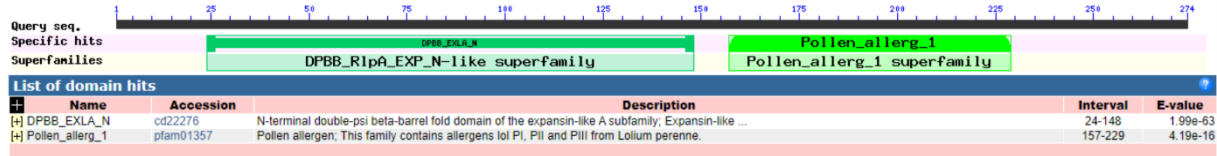
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>BsyEXLA-05

MAVLLPALSSCLLLLLASSFSSACERCVRRGKAAYSPSPSTQLPAGGGVCGYGAMAM  
EINGGFLAAGGPRQHRAGLGCGRFCQMRCRDAKVCSSRGVVRVLTDFHRSNRTDFL  
LGGPAFVGLAKPGMAQQLRRLDDLSEYKRIPCDYSDKNLSILVEEQSKKPSKLVIKF  
LYQGGQTDILAVDVAQVGSDDWRFMSRVHGPVWSTDRAPTGPLQFRAVVTGGYDG  
KWWVDKEVLPSDWQPDQVYDTGARIADVARESCIGCARPDWEMKVA\*

### CDS (coding sequence)

>BsyEXLA-05

ATGGCTGTCTTGCTCCCCGCCCTTTCCTCCTGCCTCCTGCTGCTCCTGGCCTCCTCC  
TTCTCGTCCGCCTGCGAGAGGTGCGTGCGTTCGGGGCAAGGCTGCCTACTCGCCCT  
CCCCCTCCACCCAGCTCCCTGCCGGTGGCGGAGTCTGCGGGTACGGGGCCATGGC  
CATGGAGATCAATGGGGGATTCCCTCGCCGCTGGGGGTCCGAGGCAGCACAGAGC  
AGGGCTTGGCTGTGGGAGATGCTTTCAGATGAGATGCAGAGATGCAAAGGTGTG  
TAGCAGTAGGGGAGTCCGGGTTGTGCTCACCGACTTCCACCGGAGCAATCGTACA  
GATTCCTGCTGGGTGGGCCAGCATTGTGGGCCTTGCTAAGCCCGGGATGGCCC  
AGCAGCTGAGGAGGCTGGACGATCTGTCCATAGAGTACAAAAGAATTCCCTGTG  
ACTACAGTGACAAGAACCTGTCCATATTAGTGGAAGAACAGAGCAAGAAGCCAA  
GCAAATTGGTCATCAAGTTCCTTTACCAAGGTGGTCAAACCTGATATCTTAGCGGT  
GGATGTTGCTCAGGTGGGGTCATCGGACTGGCGGTTTCATGAGCCGGGTTTCATGGG  
CCCGTTTGGAGCACCGACCGAGCCCCACCGGGCCGCTGCAGTTCCGGGGCGGTGG  
TGACTGGTGGGTATGACGGCAAGTGGGTGTGGGTTGATAAAGAGGTCCTCCCGTC  
TGACTGGCAGCCTGACCAGGTCTATGACACCGGTGCCCGGATCGCTGACGTGGCG  
AGGGAGAGCTGCATTGGCTGTGCCAGGCCAGACTGGGAAATGAAAGTGGCTTAA

### Nucleotide

>BsyEXLA-05

TAAGTGGCCACCTCTTTACATACAAAGATTTGTACTGTACGAGCGAGTAGCAGTG  
ATTACTCATGCAGCTGCAAGCAGAGCACACGCGGCCCGGACACACTAAACAC  
ACTCCTCACACGCTCCTCCGCCAAAGTCTCTCGTCTCGGCTATATAATATCGGGGC  
TTAGTTTAGTTTAGCGCACCGTTCTATGAGCAGGAACCACGGGCATGTGCTAGC

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TCCTTTGAGTGATACAAGAAGTACTTTTCCCCCACATATTCTAGAGAGGTAATTTT  
TCTTGTTAATAATTGGTTGCCACTTGAGAAAGTGACACCACAGGCAATTGCCCT  
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GATATGTCATTAGCATCCTTTTACACTGTTATTTATTCTTTCGCGATTTATTTATC  
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GCAGTAGGGGAGTCCGGGTGTGCTCACCGACTTCCACCGGAGCAATCGTACAGA  
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TGCGCCTAACCTTGGCTGTTTTTGGTGGCAAAGCGACTGTGTGCGAGACCGGGTC  
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