

IDENTIFICATION

Species: *Brachypodium sylvaticum*

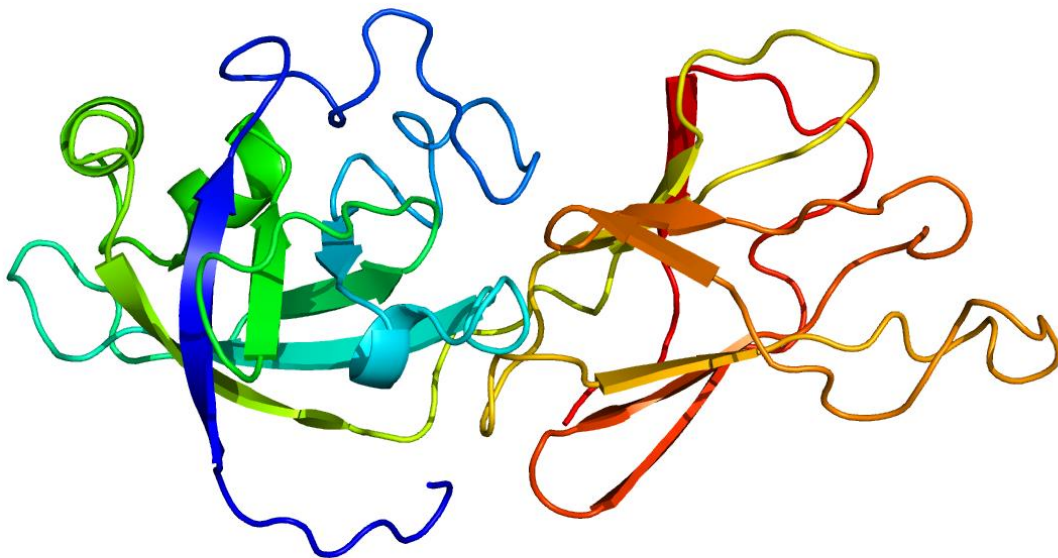
Locus: Brasy3G211900

Gene Model: Brasy3G211900.1.p

Description: BsyEXPB-14

Family: Beta Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

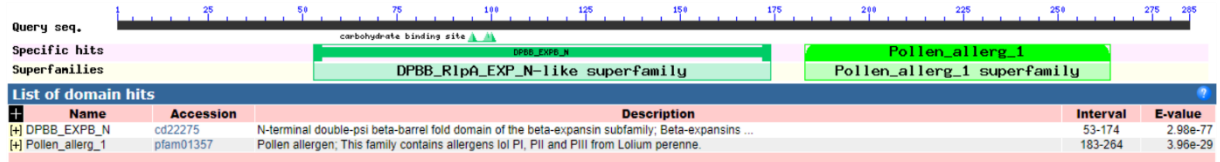
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPB-14

MGTLSSFAALAALLAVLAVGGGAVEFNVTDATPADYGGAGLNSSEAAVYWGPWTP
 ARATWYGQPNGAGPDDNNGGACGFKHTNQYPFASMTSCGNQPLFKDGGKCGSCYKI
 RCRKDQSCSGRTETVIITDMNYFPVAPFHFDLSGTAFGRLAKPGLNDKLRHSGIIDIEF
 TRVPCFEPGLKIGFHVVEYSNPVYFAVLVEYEDGDGDVVQVDLMESKTAHGPLTGQ
 WTRMRESWGSIWRLDSNHRLQAPFSIRITNESGKRLIAREVIPANWRPNTFYRSFVQY
 S*

CDS (coding sequence)

>BsyEXPB-14

ATGGGCACGCTCTCCTCCTTCGCTGCTCTGGCGGCGCTGCTTGCCGTCCTGGCCGT
 CGGCGGCGGCGCCCGTGGAGTTCAACGTCACGGACGCCACCCCGGCCGACTACGG
 CGGCGCGGGCCTCAACAGCAGCGAGGCCGCGGTGTACTGGGGCCCCTGGACCCC
 GGCCAGGGCCACGTGGTACGGCCAGCCCAACGGCGCCGGCCCCGACGACAACGG
 TGGCGCCTGCGGTTTCAAGCACACCAACCAGTACCCGTTTCGCGTCCATGACCTCC
 TCGCGCAACCAGCCATTGTTCAAGGACGGCAAGGGATGCGGCTCCTGCTACAAG
 ATCAGATGCCGAAGGACCAGTCTGCTCCGGCAGGACGGAGACGGTGATCATC
 ACCGACATGAACTACTTCCCCGTGGCGCCATTCCAATTTCGACCTCAGCGGCACGG
 CGTTCGGCAGGCTCGCCAAGCCCGGCCTCAACGACAAGCTCCGCCACTCCGGCAT
 CATCGACATCGAGTTCACCAGGGTGCCGTGTGAGTTCCCGGGGCTGAAGATCGGG
 TTCCACGTGGAGGAGTACTCAAACCCGGTGTACTTCGCGGTGCTGGTGGAGTACG
 AGGACGGCGACGGCGACGTGGTGCAGGTGGACCTGATGGAGTTCGAAGACGGCCC
 ACGGGCCGCTGACGGGCCAGTGGACGCGGATGCGGGAGTCGTGGGGGTCCATCT
 GGAGGCTGGACTCCAACCACCGCCTGCAGGCCCGTTCTCCATCCGCATACCAA
 CGAGTCCGGCAAGAGGCTCATCGCCCGGGAGGTCATCCCGGCCAACTGGAGGCC
 CAACACCTTCTACCGATCCTTCGTCCAGTACAGCTGA

Nucleotide

>BsyEXPB-14

TGAAGCCTGAACCCGTTCTTCTCAGTTCATGGGCAGACCTCAGACGGGCCACC
 ACGGCACATGCCGACATTTCTCCCACGCACCTCCAGTCCTGCTCTGTTCTCTGCGT

TCCTTCGAACTCGTCTGCGATCCGAGGCAGCTGAGCCTGAGCTAAGCTGCATGGC
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