

IDENTIFICATION

Species: *Brachypodium sylvaticum*

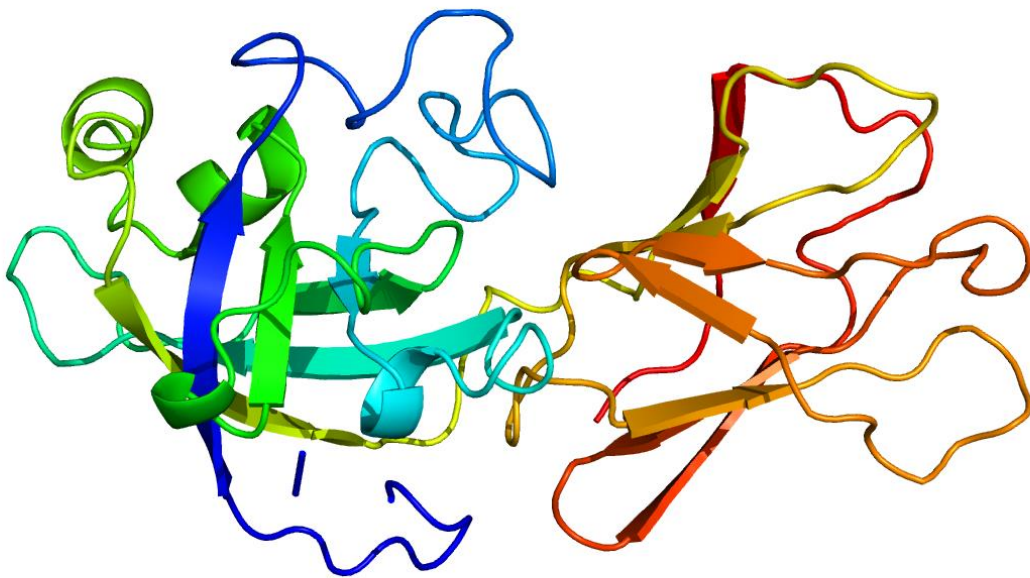
Locus: Brasy4G196600

Gene Model: Brasy4G196600.1.p

Description: BsyEXPB-16

Family: Beta Expansin

3D structure:



GENOME DATABASES

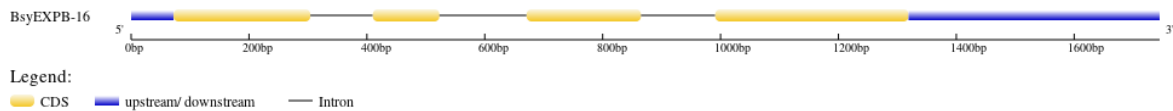
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

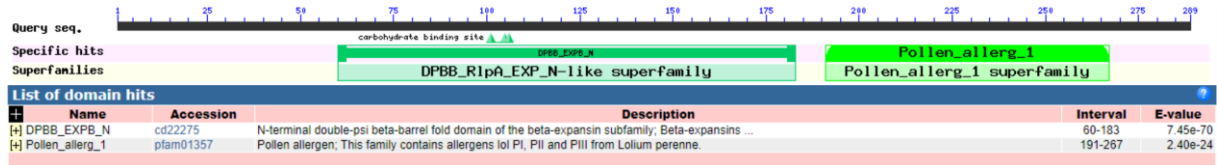
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPB-16

MAKSCTLALLGALVALSLLVSPACSRKLATKQVSYKPAPAGKANKNQTTSAAYSS
GGWLAAGATYYGTPNGDGS DGGACGYQSAVGHPRPYSSMIAAGSTPLFLGGKGC GA
CYQVKCTANKACSGNPATVVITDLSPGGLYPGEPAHFDMSGTALGAMAKPGKADAL
RAGGVLRIQYKRVPC KYPGVNIAFRVDQGSNPFYFKALIEFEDGDGDLKRVALKQAG
SNKWAGMVQDWGALWRLNNGQRLRGPFSIKLTSDSNRVLVVNNVIPANWKAGAT
YRSLVNYPY*

CDS (coding sequence)

>BsyEXPB-16

ATGGCGAAATCTTGCACCTTAGCACTTCTTGGCGCACTGGTGGCGCTCTCGCTTCT
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AGCTCCGGCGGCTGGTTGGCCGCCGGCGCGACGTATTACGGCACACCCAACGGC
GACGGAAGCGACGGTGGCGCGTGTGGCTACCAAAGCGCTGTCTGGGCACCGGCCG
TACTCGTCGATGATCGCCGCCGGGAGCACGCCGCTGTTCTGGGAGGCAAGGGCT
GCGGCGCGTGCTATCAGGTTAAATGCACGGCCAACAAGGCGTGCTCCGGCAATCC
TGCCACCGTCGTCATCACCGACTTGAGCCCCGGCGGGCTCTACCCCGGCGAGCCG
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GCCGACGCACTCCGTGCCGGCGGTGTCCTCAGAATCCAGTACAAGAGGGTGCCAT
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Nucleotide

>BsyEXPB-16

ACGAACATTTTCAGCTAAGCTTATCTAGCTTAGCCTCTGAATCCCGAACCCTAGAC
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