

IDENTIFICATION

Species: *Brachypodium sylvaticum*

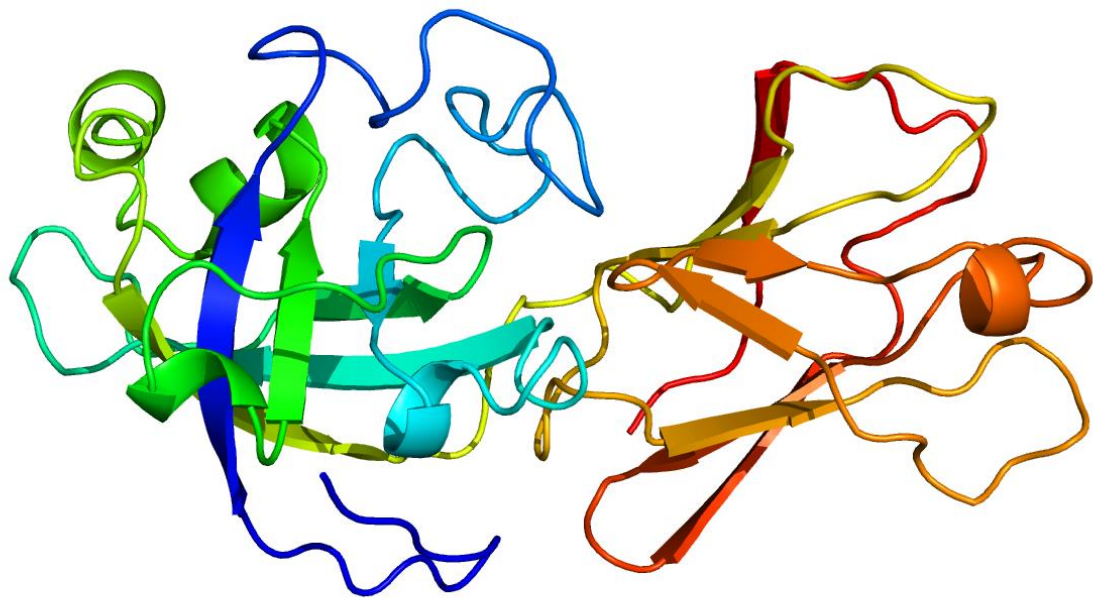
Locus: Brasy4G196700

Gene Model: Brasy4G196700.1.p

Description: BsyEXPB-17

Family: Beta Expansin

3D structure:



GENOME DATABASES

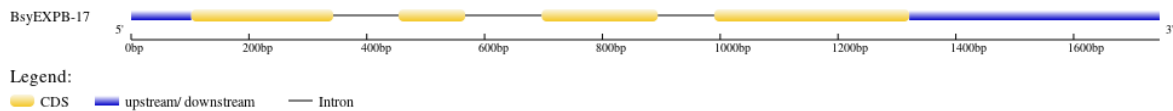
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

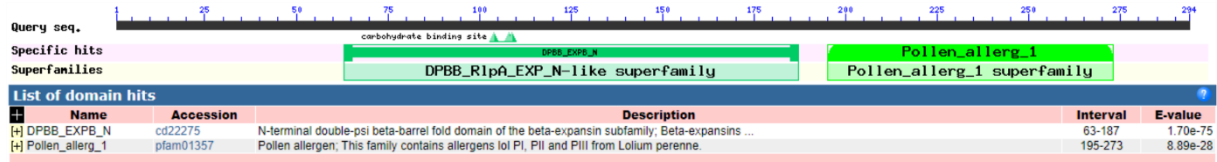
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPB-17

MAKTCTSLALLGALVVVSLLVGPASCSRKLSKPLSHKPAIKAPHNNHSSTITGPSDAY
GSGGWLYGGATYYGAPNGDGDSDGGACGYQSAVGNRPFSSMIAAGNPNLFKGGKGC
GACYEVKCTGNQACSGQPATVVITDECPGGAACLGEAAHFDMSGTSMGAMAKPGM
ADKLRASGILKIYKRVCKYSGVNIAFRVDQGSNPFYLEVLI EFEDDDGDLNAVDL
MEASSGTWTPMVQNWGALWRLNSNTGKPLRGPFSLRLTSDSNRKLVVNNVIPATW
KAGQTYRSLVNYP*

CDS (coding sequence)

>BsyEXPB-17

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TTCTCGTGGGCCCGCTTCTTGTCCCGCAAGCTCTCCAAGCCGCTCAGCCACAAG
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ACGCCTACGGCTCCGGCGGGCTGGTTATACGGCGGCGCAACGTATTACGGCGCCCC
CAACGGCGACGGAAGCGACGGTGGCGCGTGCGGCTACCAAAGCGCTGTCTGGGAA
CCGGCCATTCTCGTTCGATGATCGCCGCCGGGAACCCGAATCTTTTCAAGGGAGGC
AAGGGCTGCGGCGCGTGCTACGAGGTTAAATGTACAGGCAACCAGGCGTGCTCC
GGCCAGCCGGCGACCGTTCGTCATCACCGACGAATGCCCGGGCGGGGCGGCCTGC
CTCGGCGAGGCGGCCACTTCGACATGAGCGGGACCTCCATGGGGGCCATGGCC
AAGCCTGGCATGGCCGACAAGCTGCGTGCCAGTGGCATCCTCAAGATTCAGTACA
AGAGGGTGCCATGCAAGTACAGCGGCGTGAACATCGCCTTCAGGGTGGACCAGG
GGTCGAACCCGTTCTACCTGGAGGTCTTGATCGAGTTCGAGGACGACGACGGCGA
CCTCAACGCCGTGGACCTCATGGAAGCCAGCAGCGGCACCTGGACGCCGATGGT
GCAGA ACTGGGGCGCGCTGTGGCGCCTCAACTCCAACACCGGCAAGCCGCTGCG
CGGGCCCTTCTCGCTCCGCCTCACCTCCGACTCCAACAGGAAGCTCGTTCGTAAC
AACGTCATCCCCGCCACCTGGAAGGCCGGGCAGACGTACCGCTCCTTGGTCAACT
ACCCCTAA

Nucleotide

>BsyEXPB-17

CACACTTGAGCTAAGCATATCCAATCCATATTCCATATATCCTCTTCCAAGCTACC
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