

IDENTIFICATION

Species: *Brachypodium sylvaticum*

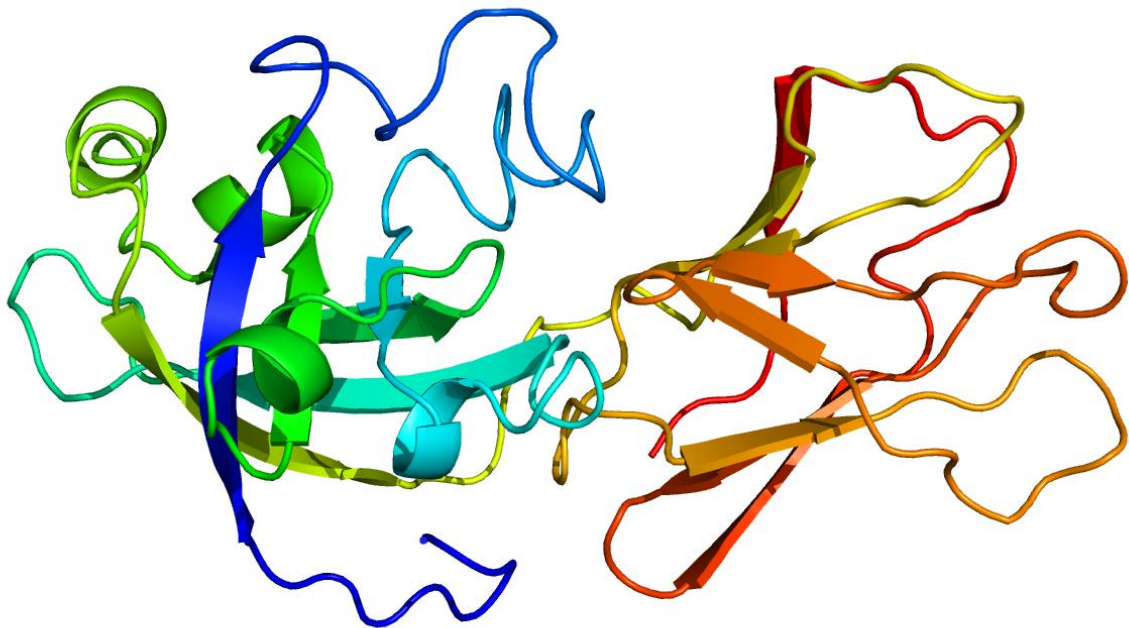
Locus: Brasy4G196500

Gene Model: Brasy4G196500.1.p

Description: BsyEXPB-15

Family: Beta Expansin

3D structure:



GENOME DATABASES

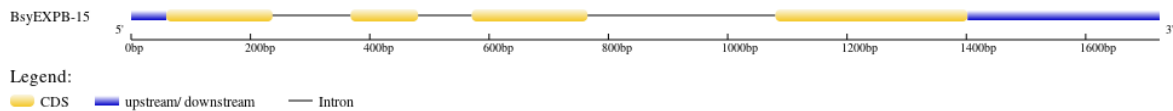
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

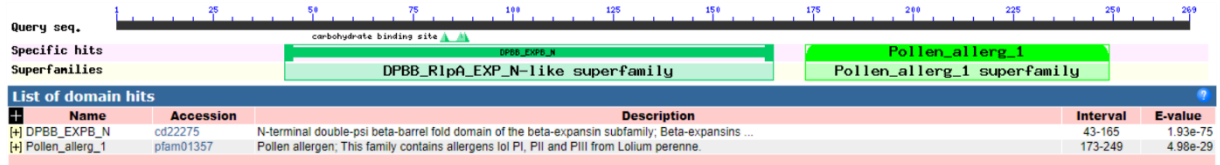
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPB-15

MVARSMVSVTPIWVSFVVFVFTALAFLLQPCASAVEFHRKLSGLSNGGATWYGASSGA
GSDGGACGYQDAVVSQPFSSMIAAGSPSIYQEGKGCSCYQVKCTGHQSCSANPVTV
VLTDECPGGPCLEEPVHFDLSGTAFGAMAKPGQADQLRAAGRLQIQYTRVPCNWRG
THIAFKVDAGSNSYYLAMLVEDESGDGLSAVDLKQSGAAGWAPMARSWGAVWR
FNSGPMLQAPFSVRLTSGSGKILLADNVIPAGWKPGGTYSVVNY*

CDS (coding sequence)

>BsyEXPB-15

ATGGTCCGCCGGAGCATGGTTTCCGTGACCCCGATATGGGTGTCCTTCGTCGTGTT
CACGGCTCTAGCTTTCCTCCTCCAACCCTGCGCATCAGCAGTCGAGTTCCACCGCA
AGCTCTCCGGCCTGTCCAACGGCGGGCCACGTGGTACGGTGCCTCCAGCGGCGC
AGGGAGCGATGGTGGTGCCTGCGGATAACCAGGACGCCGTCAGCCAGCAGCCGTT
CTCCTCCATGATCGCCGCGGGTAGCCCGTCCATCTACCAGGAAGGCAAGGGCTGC
GGTTCTTGCTACCAGGTGAAATGCACCGGTACCAGTCTTGCTCCGCCAATCCGG
TGACCGTTCGTCCTGACCGACGAGTGCCCTGGCGGGCCGTGCCTGGAAGAGCCCGT
CCACTTCGACCTGAGCGGGACGGCGTTCGGTGCCATGGCCAAGCCCGGCCAGGCC
GACCAGCTCCGCGCCGCGGCCCTCCAGATCCAGTATACTCGGGTCCCCTGCA
ACTGGCGGGGGACGCACATAGCCTTCAAGGTGGACGCCGGCTCCAACCTCGTACTA
CCTCGCCATGCTCGTCGAGGACGAGTCCGGCGACGGCGACCTGTCCGGCGGTTCGAC
CTCAAGCAGAGCGGCGCCGCGGGTGGGCGCCGATGGCGCGCTCGTGGGGCGCG
GTCTGGAGGTTCAACTCCGGGCCCATGTTGCAGGCGCCCTTCTCTGTCCGCCCTCAC
GTCCGGCTCCGGCAAGATTCTTTGGCCGACAACGTCATCCCCGCCGGCTGGAAG
CCCGGCGGCACATACCGTTCCGTGGTGAACACTGA

Nucleotide

>BsyEXPB-15

CAGCCCACACACTCTTCACTTCATCTGTCTCATCTTCCTTTGCACTGAAGTGTGAA
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CGCAAGCTCTCCGGCCTGTCCAACGGCGGGCGCCACGTGGTACGGTGCCTCCAGCG
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CGCCGCCGGGTGGGCGCCGATGGCGCGCTCGTGGGGCGCGGTCTGGAGGTTCAA
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