

IDENTIFICATION

Species: *Brachypodium sylvaticum*

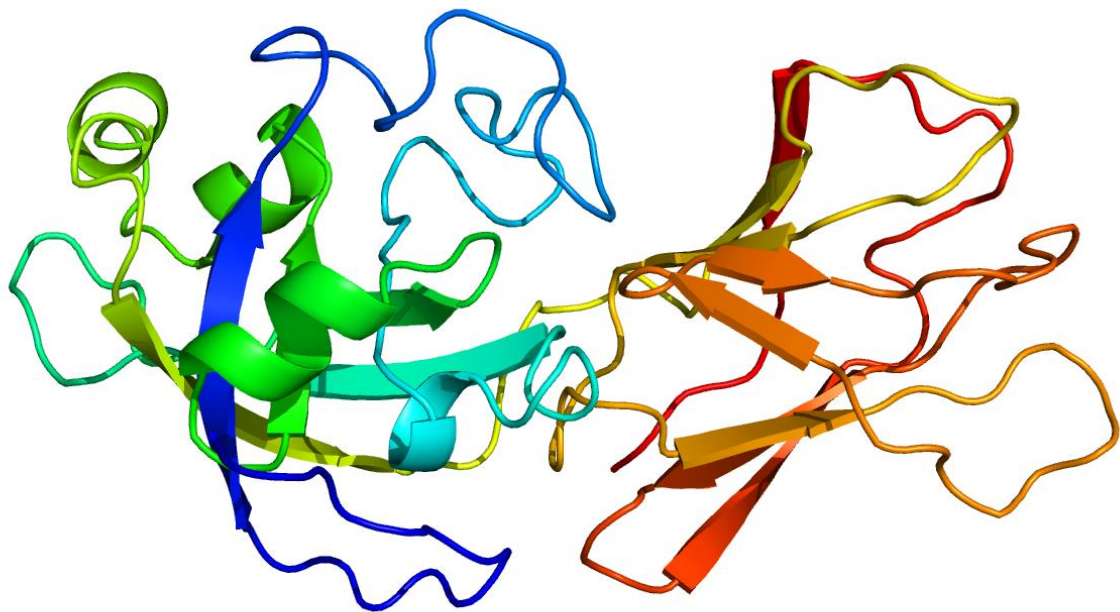
Locus: Brasy9G223500

Gene Model: Brasy9G223500.1.p

Description: BsyEXPB-24

Family: Beta Expansin

3D structure:



GENOME DATABASES

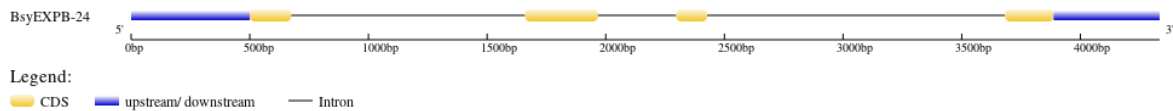
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

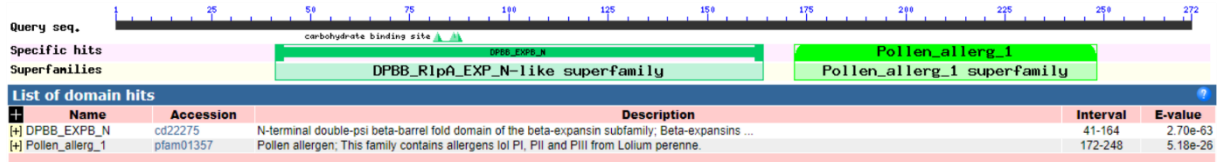
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPB-24

MASSAPFLLCILLLASTASAAFLLDGGKSAAKGKAGVDTEWRPATATWYGDAEGDG
STGGACGYGTLVDVVPMKARVGSVSPVLFKGGEGCGACYKVKCLDHGICSRRAVT
VIVTDECPGGICGGGHTHFDLSGAAFSRMAVAGAGAHLRDRGQLSVVYRRTACKYG
GKNIAFHVNEGSTNFWLSLLVEFEDGEEDIGSMQLKQASSAQWLDMKHVWGATWC
MYGGPLAGPFSVRLTTLSAPKTLTARDVIPRNWAPRGTYTSRLNFEASL*

CDS (coding sequence)

>BsyEXPB-24

ATGGCTTCCTCTGCCCCCTTCCTGCTCTGCATTCTGCTGCTCGCGTCCACCGCTTCC
GCCGCATTCTTGCTCGACGGCGGGAAATCGGCGGCTAAGGGCAAGGCGGGGGTC
GACACGGAGTGGCGGCCAGCCACCGCGACGTGGTACGGCGACGCCGAAGGCGAC
GGAAGCACCGGGGGCGCGTGCGGGTACGGGACGCTGGTGGACGTGGTACCGATG
AAGGCGCGGGTGGGGTTCGGTGAGCCCGGTGCTGTTCAAGGGCGGCGAGGGCTGC
GGAGCCTGCTACAAGGTGAAGTGCCTCGACCACGGGATCTGCTCGCGCCGCGCCG
TCACGGTCATCGTCACCGACGAGTGCCCCGGCGGGATCTGCGGGCGGCGGCCACAC
GCACTTCGACCTCAGCGGCGCCGCTTCAGCAGGATGGCCGTCGCCGGCGCCGGC
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AGTACGGAGGGAAGAACATAGCCTTCCACGTGAACGAGGGCTCGACGAACTTCT
GGCTCTCGCTGCTCGTCGAGTTCGAGGACGGCGAGGGCGACATTGGATCCATGCA
GCTAAAGCAGGCGAGCTCGGCACAGTGGCTGGACATGAAGCACGTGTGGGGCGC
CACGTGGTGCATGTACGGTGGCCCGCTCGCGGGGCCCTTCTCCGTGAGGCTGACG
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Nucleotide

>BsyEXPB-24

ATGCGAGTTTACGGGCCTCTCTCATTGCAGAAGTCATGGCCACCCATGACAAGCA
ATGAAGGCTCCTCCACTTCCCATCAACGCACTGGTCACTGGCCGCCACACGCAG
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GCCGCGTTACAGGATTTTCAGCAACCCAGACTACCAGAGGCAGCAGCTCTCATCT
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