

IDENTIFICATION

Species: *Brachypodium sylvaticum*

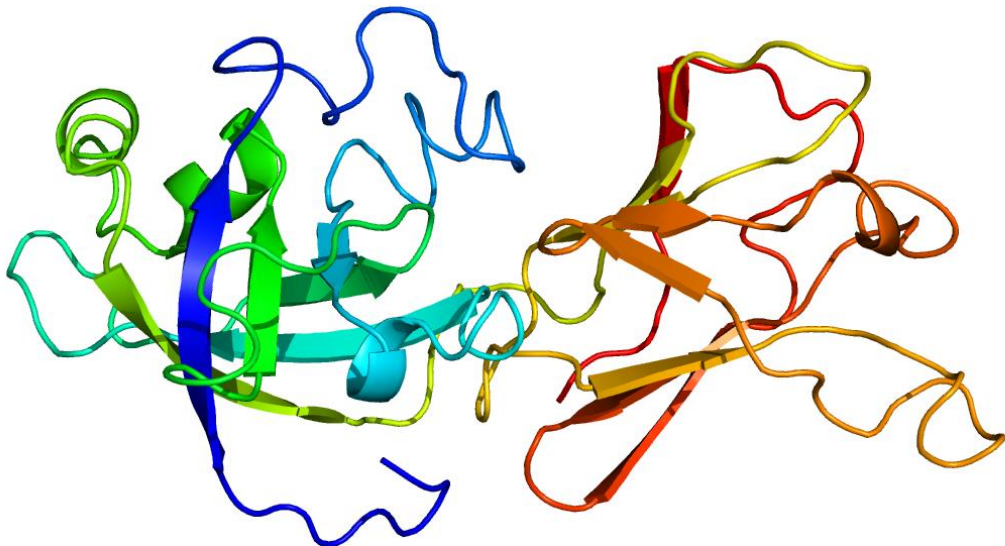
Locus: Brasy9G242300

Gene Model: Brasy9G242300.1.p

Description: BsyEXPB-26

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

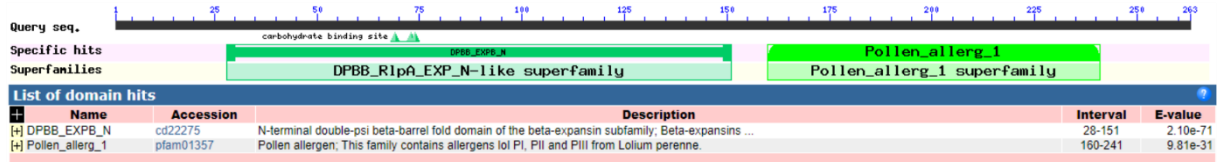
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPB-26

MASSRGTFLFAALGVLSVLSLPTATRGWADGGATWYGGPYGDGSEGGACGYKSDV
GQDPFSSMIAAGGPSLFKNGKGCACGYQVRCKEDPACSGKHVTVVITDSCPDGTCQK
EKAHFDMSGTAFGAMAKPGMADKLRNAGLLKIEFDRVPCYHGKKISFKMDSGAN
PYYLAMLIEYEAGDGD LASVEVMEAGGSKGSAKWMPMRQSWGALWCLDSKTGKP
LQAPFSFRLTSGSGKVLVANNVVPTGWNAGKAYQANVNYAA*

CDS (coding sequence)

>BsyEXPB-26

ATGGCTAGCAGCCGAGGCACATTCCTATTTGCGGCACTCGGCGTGCTATCGGTCC
TATCACTTCCAACGGCAACGCGCGGCTGGGCGGACGGCGGCGCGACGTGGTACG
GGGGACCTTACGGCGATGGCAGCGAAGGGGGCGCGTGCGGCTATAAAAGCGATG
TCGGCCAGGACCCGTTCTCGTCGATGATCGCCGCGGCGGACCGTCCCTCTTCAA
GAACGGCAAAGGCTGCGGCGCATGCTACCAGGTTAGGTGCAAAGAAGACCCTGC
CTGCTCCGGCAAGCATGTGACCGTCGTCATCACCGACTCCTGCCCGACGGGACA
TGCCAAAAGGAGAAGGCGCACTTCGACATGAGCGGCACCGCCTTCGGCGCCATG
GCCAAGCCCGGGATGGCCGATAAGCTCCGTAACGCAGGACTCCTCAAGATCGAA
TTCGACAGGGTGCCGTGCAAGTACCACGGCAAGAAGATCAGCTTCAAGATGGAC
TCGGGCGCCAACCCATACTACCTCGCCATGCTGATCGAGTACGAGGCCGGCGACG
GGGACCTCGCCTCCGTGGAGGTCATGGAGGCCGGCGGCGGCAAGGGCAGCGCCA
AGTGGATGCCGATGCGGCAGTCGTGGGGCGCCTTGTGGTGTCTCGATTCCAAGAC
CGGGAAGCCTCTGCAGGCCCGTTCTCGTTCCGGCTCACCTCGGGCTCCGGCAAG
GTGCTCGTCGCAAACAACGTCGTCCCCACCGGGTGAATGCAGGAAAGGCCTAC
CAAGCCAACGTGAACACTACGCCGCCTAA

Nucleotide

>BsyEXPB-26

ATGGCTAGCAGCCGAGGCACATTCCTATTTGCGGCACTCGGCGTGCTATCGGTCC
TATCACTTCCAACGGCAACGCGCGGCTGGGCGGACGGCGGCGCGACGTGGTACG
GGGGACCTTACGGCGATGGCAGCGAAGGTAATAATTCATATGCACGATATGAAA

ACTGAACTCACTAATTAACCTTGTCAGAATGTCGGAAAAAAAAAATAGAGACTCTGT
TATACCAATGCGCCACGCATATGCAGGGGGCGCGTGC GGCTATAAAAGCGATGT
CGGCCAGGACCCGTTCTCGTCGATGATCGCCGCCGGCGGACCGTCCCTCTTCAAG
AACGGCAAAGGCTGCGGGCGCATGCTACCAGGCCAGTATATATGCACACAGTTGCT
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AAGCATGTGACCGTCGTCATCACCGACTCCTGCCCCGACGGGACATGCCAAAAGG
AGAAGGCGCACTTCGACATGAGCGGCACCGCCTTCGGCGCCATGGCCAAGCCCG
GGATGGCCGATAAGCTCCGTAACGCAGGACTCCTCAAGATCGAATTCGACAGGT
GTGCAAACGCATTCGATCCATCGAGTCTGAAGTCTGATTCAATTCACAAATCTCTT
CAGGTAAACGTGGCACATTTGGTGCATGTACTACCGTACTGAGATTAATCACTTTT
CACCAGGGTGCCGTGCAAGTACCACGGCAAGAAGATCAGCTTCAAGATGGACTC
GGGCGCCAACCCATACTACCTCGCCATGCTGATCGAGTACGAGGCCGGCGACGG
GGACCTCGCCTCCGTGGAGGTCATGGAGGCCGGCGGCAGCAAGGGCAGCGCCAA
GTGGATGCCGATGCGGCAGTCGTGGGGCGCCTTGTGGTGTCTCGATTCCAAGACC
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TGCTCGTCGCAAACAACGTCGTCCCCACCGGGTGGAAATGCAGGAAAGGCCTACC
AAGCCAACGTGAACTACGCCGCCTAA