

IDENTIFICATION

Species: *Brachypodium sylvaticum*

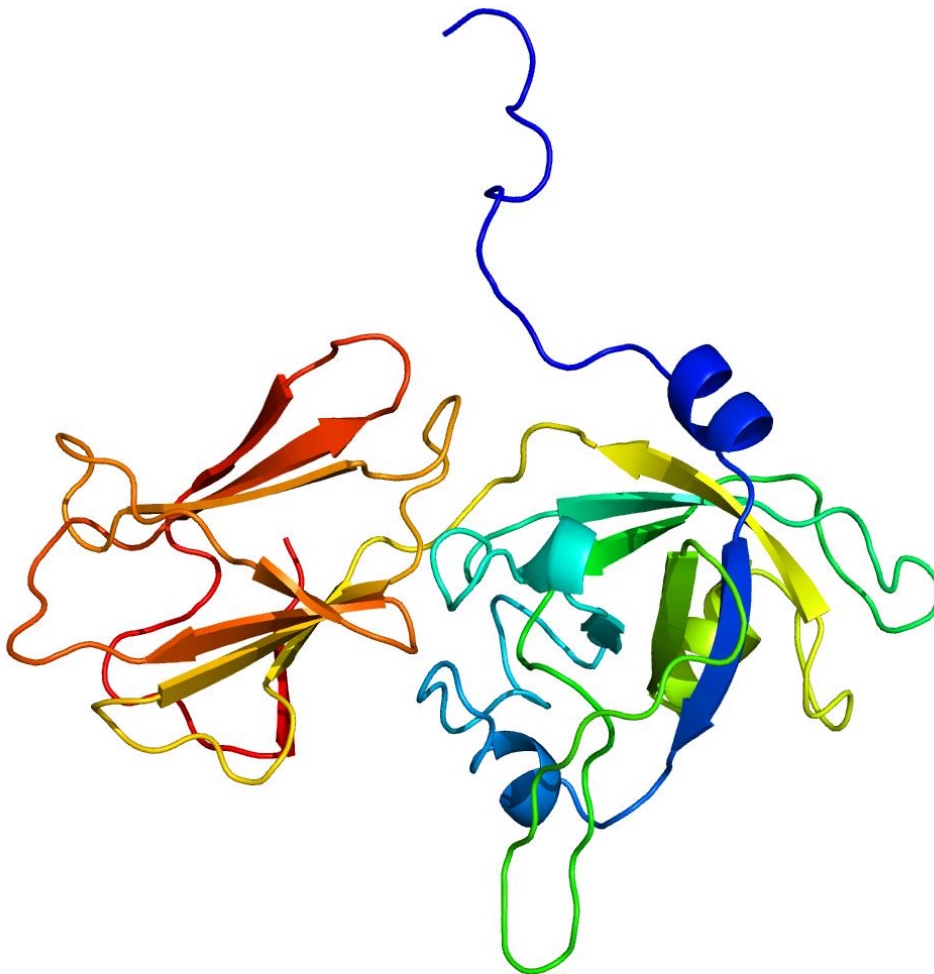
Locus: Brasy9G273900

Gene Model: Brasy9G273900.1.p

Description: BsyEXPA-23

Family: Alpha Expansin

3D structure:



GENOME DATABASES

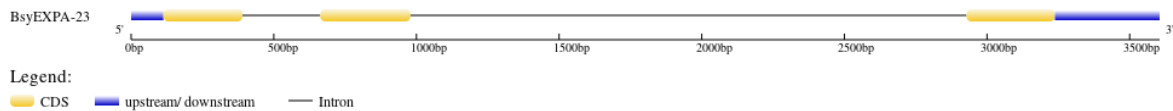
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

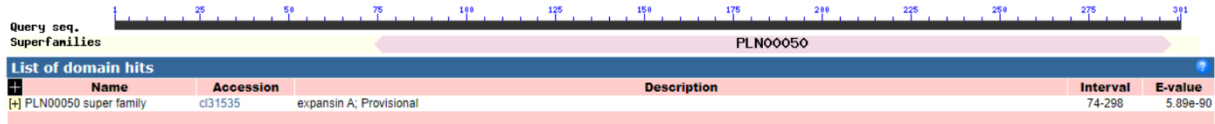
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPA-23

MCKSRSTGLARFSSSTLHRSHPLPRFASLHSIPLTHTDEHLGAMAPLLLLVLFLLPALA
AGHQHPSSYGSSALSEWRHAKASYAADPEDAIGGACGFGDLGKHGYGMATVGLS
TALFDRGASCGGCYEVKCVEDLKYCLPGTIIVTATNFCPPNYGFPADAGGVCNPPN
HHFLLPIQAFEKIALWKAGVMPIQYRRVKCLRDGGVRFVSVGRSFFFTVLISNVGGAG
DVSSVKIKGTDSGWLSMGRNWGQIWHINLDRGQPVSELTSSDGAMLTDFTA VPK
NWEFGKTYTGKQFL*

CDS (coding sequence)

>BsyEXPA-23

ATGTGCAAAGCCGAAGCACTGGCCTTGCACGGTTCAGCTCTACACTTCACCGTT
CACACCCTCTCCCAGGTTTCGCTTCACTCCATTCCATTCCACTGACGCATACGGAC
GAACACCTGGGGGCCATGGCTCCCCCGCTCCTCCTCCTCGTCTTCTCCTCCTCCC
GGCCCTCGCCGCCGGCCACCAGCACCCGTCCTCCTACGGGTCTCCGCCCTCTCC
GAATGGCGCCACGCCAAGGCCTCCTACTACGCCGCCGACCCCGAAGACGCCATC
GGCGGGGCGTGCGGGTTCGGGGATCTGGGGAAGCACGGGTACGGGATGGCCACG
GTGGGGCTGAGCACGGCTCTGTTCGACCGCGGCGCGTTCGTGCGGGCGGCTGCTACG
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Nucleotide

>BsyEXPA-23

GTTAGTAACAAACAAAAGCTAGTTTCAGAGGAAGAAAAAAGAAGAAGCAA
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