

IDENTIFICATION

Species: *Brachypodium sylvaticum*

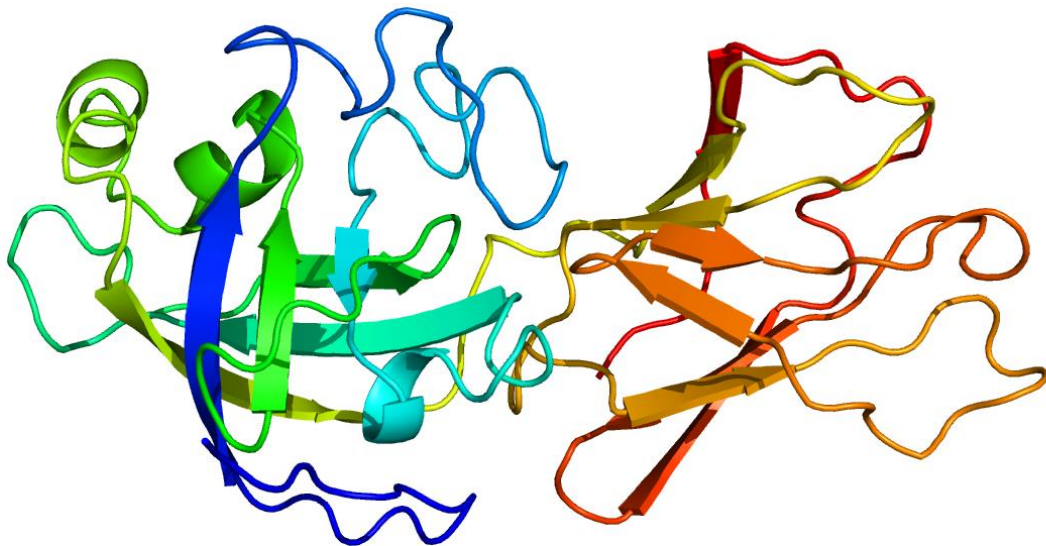
Locus: Brasy2G013600

Gene Model: Brasy2G013600.1.p

Description: BsyEXPB-03

Family: Beta Expansin

3D structure:



GENOME DATABASES

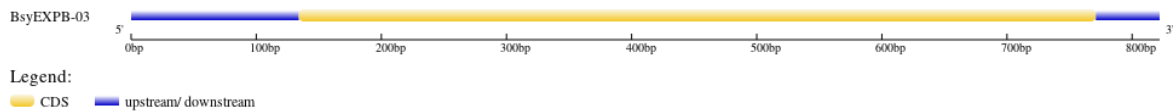
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

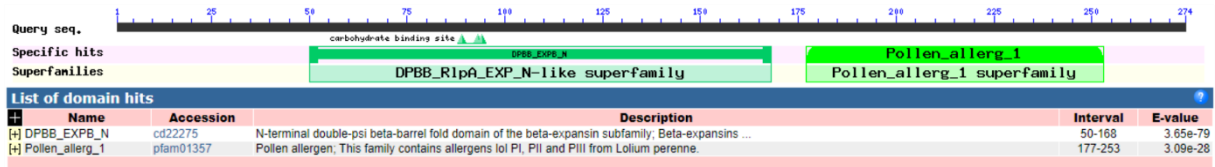
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPB-03

MPAKQQLPLLLVAPPPLMLLLLSSVYGSSAGGGPNLNASAVSFGQSGVARATWYG
APNGAGPYDNGGACGFKNVNKYPFMAMTSCGNQPLFKDGKGCACGYKIKCTKHKA
CSGRTEVITDMNYYPVAPYHFDLSGTAFGKLA KPGRNDEL RHAGIIDIQFTRVPCE
FPGLKVG FHV EEGSNAVYMAILVEYENG DGDVVQVDLMESGRGGRWSRMKESWGS
IWRLDSNHRLQAPFSLRIRNESGKTLVARNVIPS NWRPNTFYRSIVQYS*

CDS (coding sequence)

>BsyEXPB-03

ATGCCGGCGAAGCAGCAGCTCCCGCTCCTCCTGGTGGCGCCGCCGCTGCTAA
TGCTGCTGCTCCTCTCCTCCGTCTACGGCTCCAGCGCCGGCGGAGGGCCGAATCT
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GGCGCCCCAACGGCGCCGGCCCTTACGACAACGGCGGCGCTTGCGGGTTCAAG
AACGTGAACAAGTACCCGTTTCATGGCCATGACCTCCTGCGGCAACCAGCCTCTCT
TCAAGGACGGCAAGGGCTGCGGCGCATGCTACAAGATCAAGTGCACGAAGCACA
AGGCTTGCTCTGGGCGGACGGGAGACGGTGGTGATCACGGACATGA ACTACTACC
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GCCCGGCCGCAACGACGAGCTGCGACACGCCGGCATCATCGACATCCAGTTCACC
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Nucleotide

>BsyEXPB-03

TCTCTTTCTTTCTTTCTCAGCTGCATCACACCACTACTACAACCATATTCTATAGTA
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