

IDENTIFICATION

Species: *Brachypodium sylvaticum*

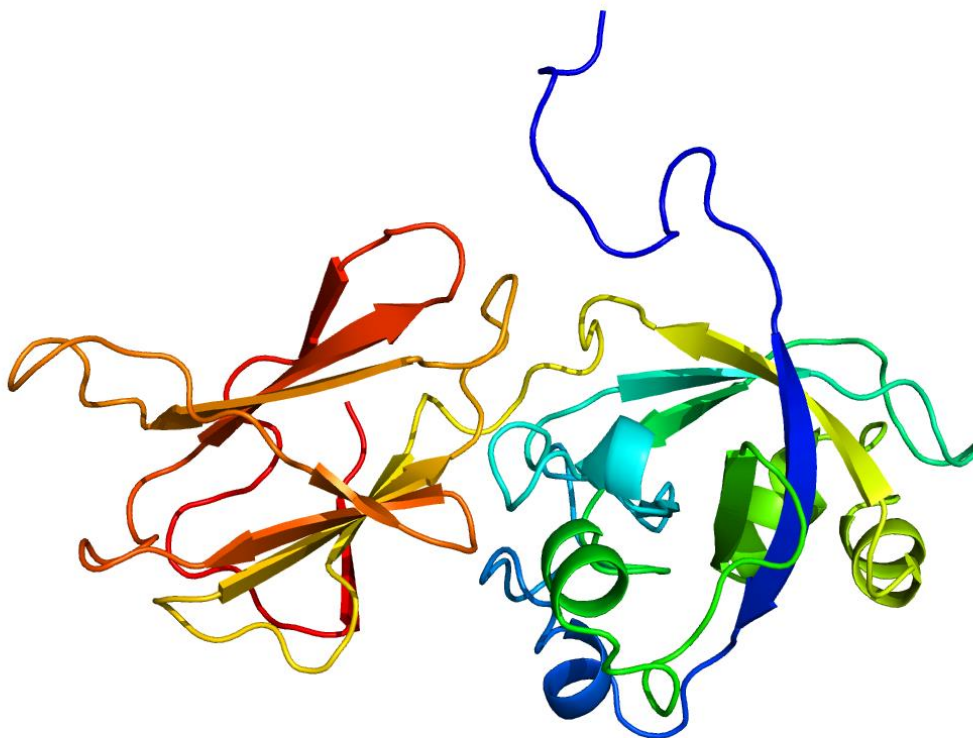
Locus: Brasy2G262200

Gene Model: Brasy2G262200.1.p

Description: BsyEXPB-06

Family: Beta Expansin

3D structure:



GENOME DATABASES

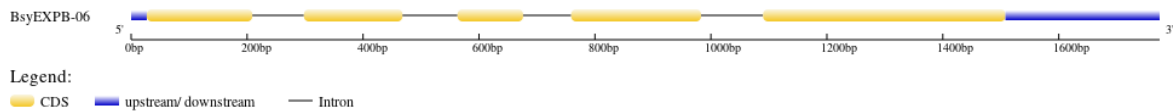
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

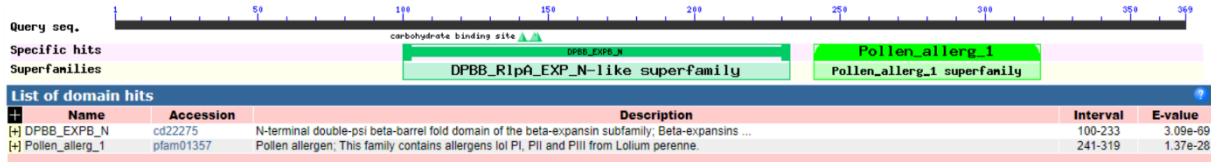
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPB-06

MGTSKQELELELELELELELELELELPLLDFDIFFSMYSQAKENHCPFVTSLVKQIVHQMYS
 DRVLCVASKLQLLSFIAITVAVTL LFHPCASVEFQHELSSWSGGIATWYGDANGAGSE
 GGACGYQYAVDQPPFSSMIAAGSPFIYDSGDGCGSCYRVMCGGNEACSGIPVTVVIT
 DQGPGGGPCLSELVDGQCQNEAAHFDMSGTAFGAMAKPGQADQLRGAGLLQIQYT
 RVQCDWTGVGLTFKVD TGSNP NYLAVLVEYEDSDSDLAAVDLMPSSTGATSAWIPM
 QQSWGAVWKLNSGSTLQGPFSIRL TFRSGKMLVAGNAIPAGWNP GVA YQPGGIAVR
 DGHRASGGCRGYGLYHYLLLFAILLQL*

CDS (coding sequence)

>BsyEXPB-06

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 GAATTGGAATTGCCTCTTCTCTTTGATTCATCTTTTTTTCAATGTATTCCCAGGCA
 AAGGAGAACCACTGTCCATTCGTTACATCCCTAGTTAAACAAATTGTTTCATCAA
 TGTACACATCCGATAGAGTGCTGTGTGTGGCTTCCAAGCTTCAGCTCTTGTCCTTC
 ATTGCCATTACAGTTGCTGTCACTTTGCTCTTCCACCCTTGTGCATCCGTTGAGTTC
 CAGCATGAACTCTCCAGCTGGTCCGGTGGCATCGCTACGTGGTATGGTGACGCTA
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 GCCATTCTCATCCATGATTGCCGCTGGCAGCCCTTTCATATATGATTCTGGCGATG
 GCTGTGGGTCGTGCTACCGGGTTATGTGTGGTGGCAATGAAGCTTGCTCTGGTAT
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TGA

Nucleotide

>BsyEXPB-06

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AACT