

IDENTIFICATION

Species: *Brachypodium sylvaticum*

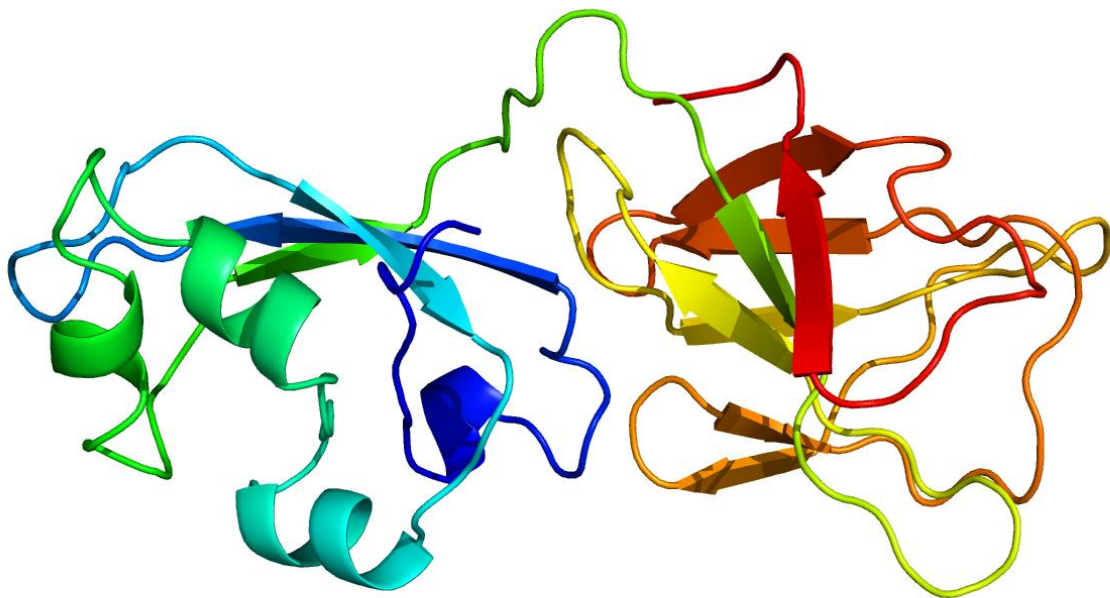
Locus: Brasy9G223500

Gene Model: Brasy9G223500.2.p

Description: BsyEXPB-25

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

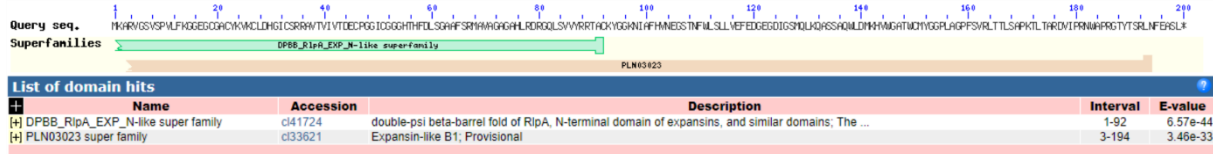
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPB-25

MKARVGSVSPVLFKGGEGCGACYKVKCLDHGICSRRAVTVIVTDECPGGICGGGHT
HFDLSGAAFSRMAVAGAGAHLRDRGQLSVVYRRTACKYGGKNIAFHVNEGSTNFW
LSLLVEFEDGEEDIGSMQLKQASSAQWLDMKHVWGATWCMYGGPLAGPFSVRLTT
LSAPKTLTARDVIPRNWAPRGTYTSRLNFEASL*

CDS (coding sequence)

>BsyEXPB-25

ATGAAGGCGCGGGTGGGGTTCGGTGAGCCCGGTGCTGTTCAAGGGCGGCGAGGGC
TGCGGAGCCTGCTACAAGGTGAAGTGCCTCGACCACGGGATCTGCTCGCGCCGCG
CCGTCACGGTCATCGTCACCGACGAGTGCCCCGGCGGGATCTGCGGCGGCGGCCA
CACGCACTTCGACCTCAGCGGCGCCGCCTTCAGCAGGATGGCCGTCGCCGGCGCC
GGCGCCACCTCCGCGACCGCGGGCCAGCTCTCCGTGGTCTACAGACGAAGTGCCT
GCAAGTACGGAGGGAAGAACATAGCCTTCACGTGAACGAGGGCTCGACGAAGT
TCTGGCTCTCGCTGCTCGTCGAGTTCGAGGACGGCGAGGGCGACATTGGATCCAT
GCAGCTAAAGCAGGCGAGCTCGGCACAGTGGCTGGACATGAAGCACGTGTGGGG
CGCCACGTGGTGCATGTACGGTGGCCCCGCTCGCGGGGCCCTTCTCCGTGAGGCTG
ACGACGCTGTCCGCCCCGAAGACGCTCACGGCCCCGGGACGTCATCCCCAGGAAGT
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Nucleotide

>BsyEXPB-25

ACGCTCCACCGACACTCCTGGTAACTTTGATTCTGCATCCGTAAATTCTGATAATC
CACCAAGCCGTCCAGTACGCCTGTTTGGCTGCATTTACACTTGGAAGTCAAGAGTC
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GGGACGCTGGTGGACGTGGTACCGATGAAGGCGCGGGTGGGGTCCGGTGAGCCCG
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