

IDENTIFICATION

Species: *Brachypodium sylvaticum*

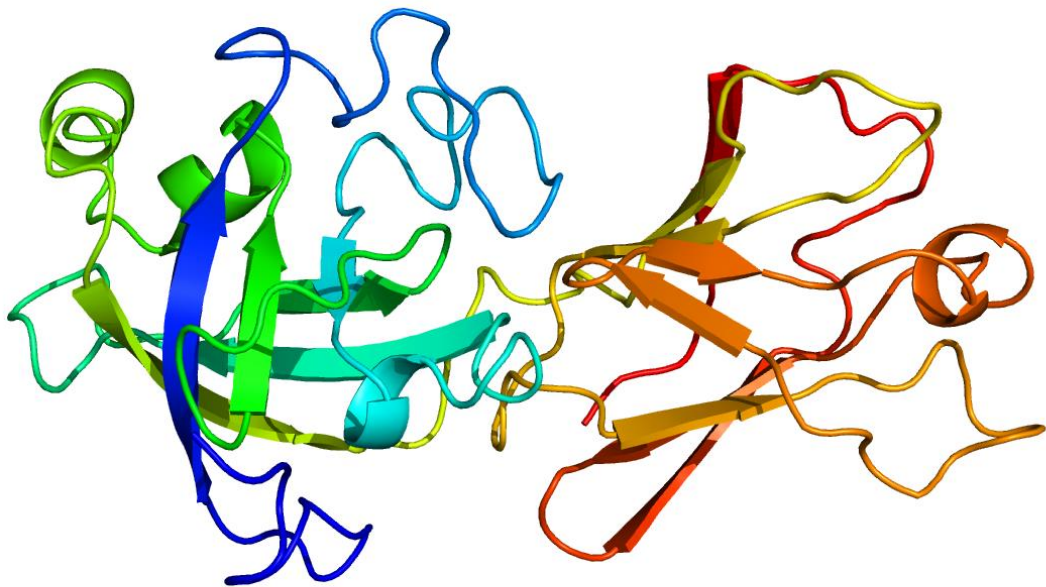
Locus: Brasy8G210200

Gene Model: Brasy8G210200.1.p

Description: BsyEXPB-23

Family: Beta Expansin

3D structure:



GENOME DATABASES

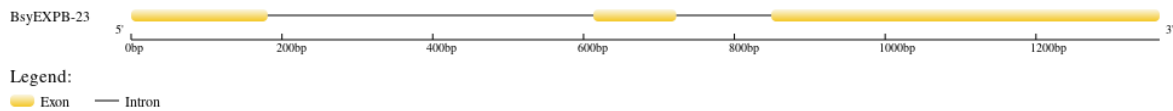
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

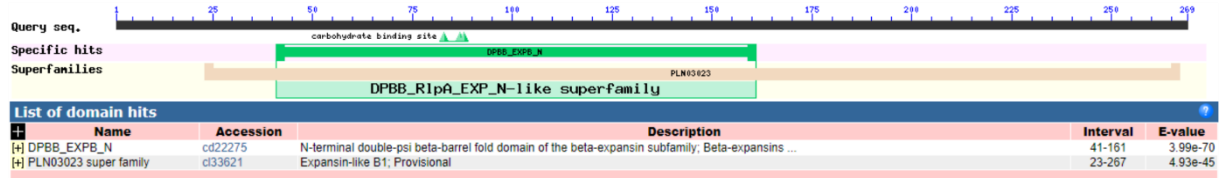
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPB-23

MGSFSSIVAVVAVLAALVAGASCFAVPPGNITTSYGDHVLHAKATWYGSPTGAG
PPDNGGACGIKETNLPPYNSLTSCGNLPIFKDGKGCSCFKIKCRNKACSRKPVTVFIT
DMNYDQFAPYHFDLSGTAFGALASPGRESELRHYGIIDLQFRRVRCRLAPGTKIAFHV
EEGSNPEYLA VLVKFVAGDGGIVRVDLQEGGWPEWKPMRESWGAIWRMDVDYH
TPLQGPF SIRLASESGEVLVARHVIPADWKPKTVYQSNVQF*

CDS (coding sequence)

>BsyEXPB-23

ATGGGATCCTTCTCCAGCATCGTCGCCGTCGTCGCAGTCTTGGCGGCGCTCGTGG
CCGGCGCCTCGTGTTTTGCGGTGGTGCCGCCCGGCCCAACATCACGACCAGCTA
CGGCGATCATTGGCTCCACGCCAAGGCCACTTGGTATGGCAGCCCCACAGGCGCC
GGCCCCCTGACAACGGTGGTGCCTGCGGGATCAAGGAGACGAACCTGCCTCCCT
ACAACAGCTTGACCTCTTGC GGCAACCTCCCCATCTTCAAGGACGGCAAGGGCTG
TGGCTCCTGCTTCAAGATCAAGTGCCGTAACAAGGCGTGCTCGAGGAAGCCGGTG
ACGGTGTTCATCACCGACATGAACTACGACCAGTTCGCCCCTTACCACTTCGACC
TCTCCGGCACGGCCTTCGGCGCGCTGGCGTCGCCGGGAGGGAGAGCGAGCTGC
GGCACTACGGCATCATCGACCTCCAGTTCAGGAGGGTGCCTGCAGGCTCGCGCC
GGGGACAAAGATCGCGTTCCACGTCGAGGAGGGGTCCAACCCGGAATACCTGGC
GGTGCTGGTGAAGTTCGTCGCCGGAGACGGCGGCATCGTGCGGGTGGACCTGAA
GCAGGAGGGCGGCTGGCCGGAGTGGAAGCCGATGAGGGAGTCGTGGGGCGCCAT
CTGGAGGATGGACGTGGACTATCACACGCCGCTCCAGGGCCCATTCTCCATCCGC
CTCGCCAGCGAGTCCGGCGAGGTGCTCGTCGCCCGCCACGTCATCCCGGCTGACT
GGAAGCCCAAACAGTCTACCAGTCGAACGTTTCAGTTCTAG

Nucleotide

>BsyEXPB-23

ATGGGATCCTTCTCCAGCATCGTCGCCGTCGTCGCAGTCTTGGCGGCGCTCGTGG
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GATGCATGGTGCATGGGCGCCATAGGGAGTGTGTTTTCTCGTTTTTCTGCACAGCC
GAACTGCCCCCCCCCGCCCCCATATTATCGGATTTTTTTTTTCTTTTCTGTC
CCTTGACTTTGATCTTGTAATGTTTCTTCTTCTATAATGAAAAGGCAGAGCACCTG
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CAGGTGGTGC GTGCGGGATCAAGGAGACGAACCTGCCTCCCTACAACAGCTTGA
CCTCTTGC GGCAACCTCCCCATCTTCAAGGACGGCAAGGGCTGTGGCTCCTGCTT
CAAGTTTTTCATCGCGCGCCACATATATATACACATATGCATGGAATCATTTC
CTGTGCAATGATAAAAAGAAGTTAATTTGCACGTGCAATTTTGTGATATATATCG
AAACAAATGTTTGC GTGCAGATCAAGTGCCGTAACAAGGCGTGCTCGAGGAAGC
CGGTGACGGTGTTTCATCACCGACATGAACTACGACCAGTTCGCCCTTACCACTT
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GCTGCGGCACTACGGCATCATCGACCTCCAGTTCAGGAGGGTGCGCTGCAGGCTC
GCGCCGGGGACAAAGATCGCGTTCACGTCGAGGAGGGGTCCAACCCGGAATAC
CTGGCGGTGCTGGTGAAGTTCGTGCGCCGGAGACGGCGGCATCGTGCGGGTGGAC
CTGAAGCAGGAGGGCGGCTGGCCGGAGTGGAAGCCGATGAGGGAGTCGTGGGGC
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TCCGCCTCGCCAGCGAGTCCGGCGAGGTGCTCGTCGCCCGCCACGTCATCCCGGC
TGACTGGAAGCCAAAACAGTCTACCAGTCGAACGTTTCAGTTCTA