

IDENTIFICATION

Species: *Brachypodium sylvaticum*

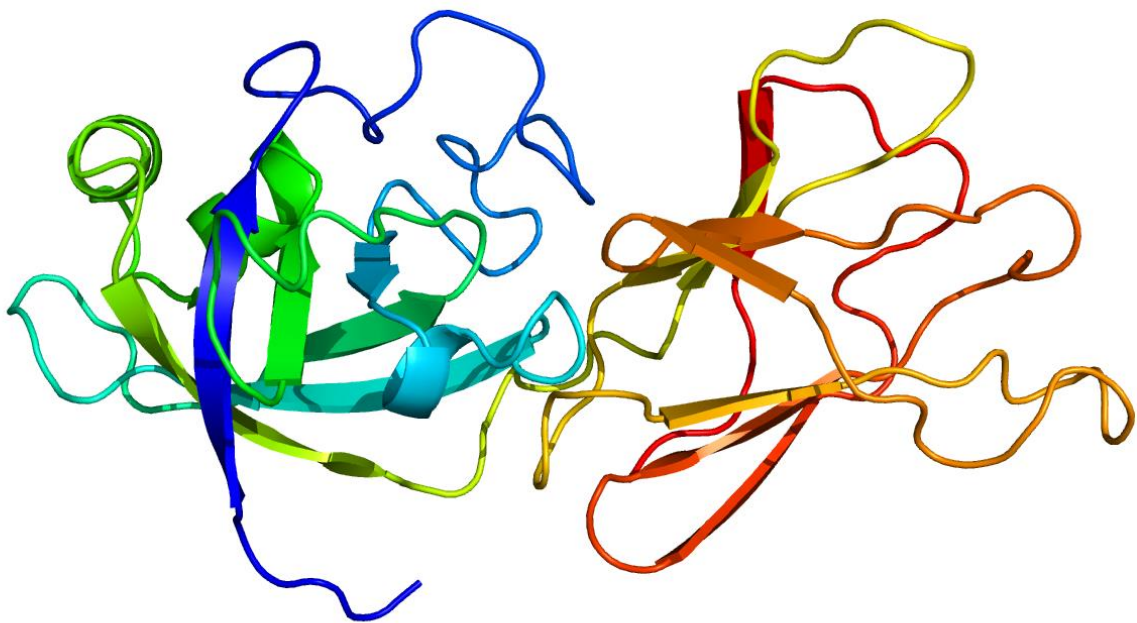
Locus: Brasy1G069800

Gene Model: Brasy1G069800.1.p

Description: BsyEXPB-02

Family: Beta Expansin

3D structure:



GENOME DATABASES

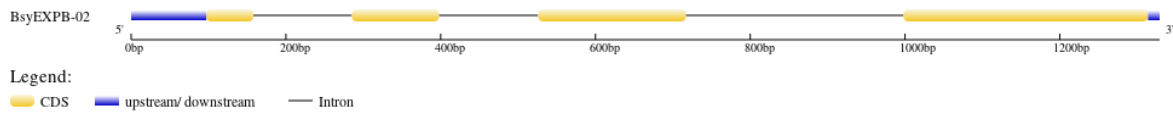
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

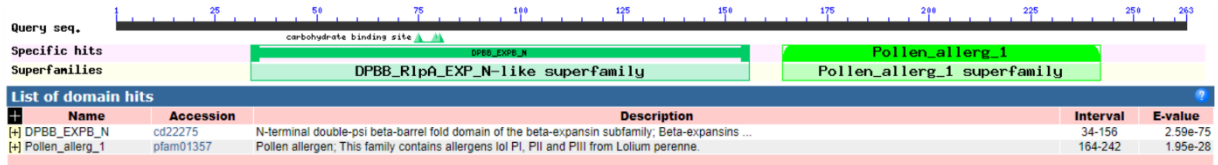
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPB-02

MVSRFQILAAIAVLASFLCPCASSIEFHRKLSSWSSAGATWYGAANGAGSNGGACGY
KGAVDQAPFSSMIAAGGPSIYGSGLGCGSCYQVKCSGNDACSGSPVTVVITDECAGG
PCLNEPHFDLSGTAFGAMAKTGQADQLRGAGVLQIQYTRVPCSWAGAEITFVVDAG
SNPHYFAVLVQYQNGDGDLLGVELMQGGGAGGAAWTPMQHSWGAVWKLDAGSA
LQAPLSLRLTSSSGKKLVASNVIPVGWKAGAA YQSAVNY*

CDS (coding sequence)

>BsyEXPB-02

ATGGTTTCCAGGTTCCAGATCTTGGCCGCCATTGCGGTTCTCGCCTCGTTCCTTTG
CCCTTGCGCGTCGTCCATCGAGTTCCACCGCAAACCTCCAGTTGGTCGAGCGCC
GGCGCTACATGGTACGGCGCCGCTAATGGCGCCGGAAGTAATGGTGGTGC GTGT
GGGTACAAGGGTGCCGTCGACCAGGCACCGTTCTCGTCCATGATCGCCGCCGGTG
GCCCTTCAATCTACGGCTCTGGCCTGGGCTGTGGCTCTTGCTACCAGGTGAAGTG
CAGTGGCAATGACGCCTGCTCAGGCAGCCCGGTGACTGTGGTGATCACGGACGA
GTGTGCCGGCGGCCCTTGCTTGAATGAGCCGCACTTCGATCTGAGCGGGACGGCG
TTCGGTGCCATGGCGAAGACCGGGCAGGCCGACCAGCTCCGCGGCGCCGGCGTG
CTCCAAATCCAGTACACTCGCGTGCCGTGCAGCTGGGCCGGAGCGGAGCTGACCT
TCGTGGTGGACGCCGGCTCGAACCCGCACTACTTCGCCGTGCTCGTCCAGTACCA
GAACGGCGACGGCGACCTCTTGGGCGTCGAGCTCATGCAGGGCGGGCGGGGCCGG
CGGGGCGGCGTGGACGCCGATGCAGCACTCGTGGGGTGCCGTGTGGAAGCTCGA
CGCCGGGTTCGGCACTGCAGGCGCCGCTCTCCCTCCGCCTGACCTCCAGCTCTGGG
AAGAAGCTCGTCGCCAGCAACGTCATCCCCGTTGGGTGGAAGGCCGGCGCCGCG
TACCAGTCCGCGGTTAACTACTGA

Nucleotide

>BsyEXPB-02

ATGGTTTCCAGGTTCCAGATCTTGGCCGCCATTGCGGTTCTCGCCTCGTTCCTTTG
CCCTTGCGCGTCGTCCATCGAGTTCCACCGCAAACCTCCAGTTGGTCGAGCGCC
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AATGATGTAAAGTTCGATCCATGCATGCACGATACAATTAACACGTACGAGTGAA
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GTACGTAGGTGGTGCCTGTGGGTACAAGGGTGCCGTCGACCAGGCACCGTTCTCG
TCCATGATCGCCGCCGGTGGCCCTTCAATCTACGGCTCTGGCCTGGGCTGTGGCTC
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TTCTCGCATGCATATATGCTGGTATGCCAGCATGTGTATAACCGCGCGTTTTGTGAT
GTTAGTTTTGGCATGCTGTTACTGTAGGTGAAGTGCAGTGGCAATGACGCCTGCT
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CGGGCAGGCCGACCAGCTCCGCGGGCGCCGGCGTGCTCCAAATCCAGTACACTCG
GTACGCATGAAGAATGAATCAATGCATGTAGCTAAGCTGCAATCTACCCTTGCAT
CGCTCGAAACGGCCAGGCTCACTACGCATCACATGAACCTCTCGATCACGCAGCT
TTGGAACATCTACGTAATAATTTGTTACTTCTGTTCGCGGCCATGGACCATGCAC
GTCAGCATGCCAGTATGCCATGCACAGACCGGCACATGCTCTGTTTTCCATAAC
CGCCACGCAACGAACTGTCCTTTAATTCTCTTTGTTGTCACGTGATGTCTCTGCGC
GCAGCGTGCCGTGCAGCTGGGCGGAGCGGAGCTGACCTTCGTGGTGGACGCCG
GCTCGAACCCGCACTACTTCGCCGTGCTCGTCCAGTACCAGAACGGCGACGGCGA
CCTCTTGGGCGTCGAGCTCATGCAGGGCGGCGGGGCCGGCGGGGCGGCGTGGAC
GCCGATGCAGCACTCGTGGGGTGCCGTGTGGAAGCTCGACGCCGGGTTCGGCACT
GCAGGCGCCGCTCTCCCTCCGCCTGACCTCCAGCTCTGGGAAGAAGCTCGTCGCC
AGCAACGTCATCCCCGTTGGGTGGAAGGCCGGCGCCGCGTACCAGTCCGCGGTTA
ACTACTGA