

IDENTIFICATION

Species: *Brachypodium sylvaticum*

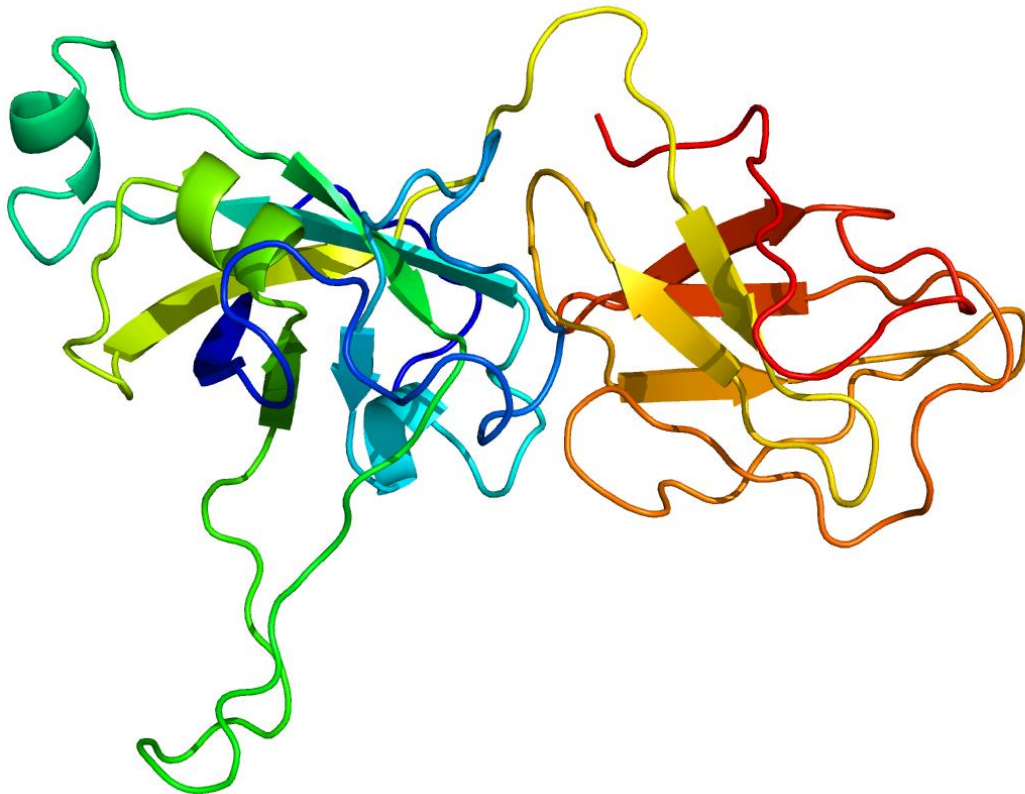
Locus: Brasy4G266400

Gene Model: Brasy4G266400.1.p

Description: BsyEXPA-16

Family: Alpha Expansin

3D structure:



GENOME DATABASES

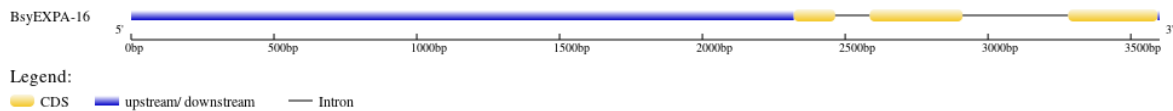
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

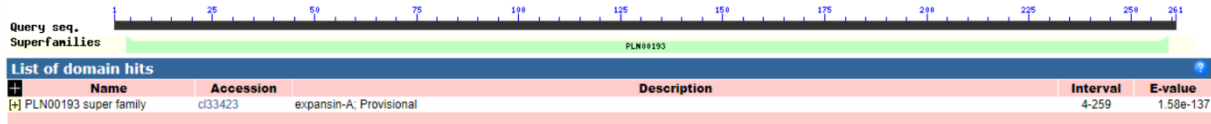
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPA-16

MAPARVTQVVFLTVVVGCALAVYADNAPVEWQKAHATFYGGADASGTMGGACGY
GNLYSTGYGTRTAALSTVLFNDGQACGQCYKIACDSESADSMWCKPGMTVTVTAT
NLCPPNHALPNDNGGWCNPPRPHFDMAQPAWEKIGVYKGGIIPVMYQRVPCVKQGG
VRFTINGHDYFNLVLVTNVAAIGSIKSMEVKSSDASNWTSMPRNWGANWHSLANLT
GKMLSFRLTNTDGQTLVFDNIVPNGWKFGQTFSSKLQFN*

CDS (coding sequence)

>BsyEXPA-16

ATGGCTCCAGCTCGAGTTACTCAGGTGGTTTTCTGACGGTCGTCGGCTGTGC
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GTTCTACGGCGGGCGCCGATGCGTCCGGCACCATGGGTGGCGCTTGCGGGTACGGC
AACTTGTACTCGACGGGGTACGGGACGCGGACGGCGGCGTTGAGCACGGTGCTG
TTCAACGACGGCCAGGCATGCGGGCAGTGCTATAAGATCGCCTGCGACAGCGAA
TCAGCGGACTCGATGTGGTGCAAACCGGGCATGACGGTGACTGTTACGGCTACAA
ACCTCTGCCCCGCCAACCACGCCCTTCCGAACGATAATGGTGGCTGGTGCAACCC
ACCGAGGCCGCACTTCGACATGGCGCAACCGGCTTGGGAGAAGATCGGCGTCTA
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GGAGTGCGATTACGATCAACGGGCACGACTACTTCAATCTTGTGCTTGTACCA
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CTCACCGGAAAAATGCTCTCATTGAGATTGACCAACACAGATGGACAAACACTTG
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Nucleotide

>BsyEXPA-16

ACAATTTGTACACACGCGCCGGACGAAGATGCATTCCGGCGGGGGAGAACAGCG
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