

IDENTIFICATION

Species: *Brachypodium sylvaticum*

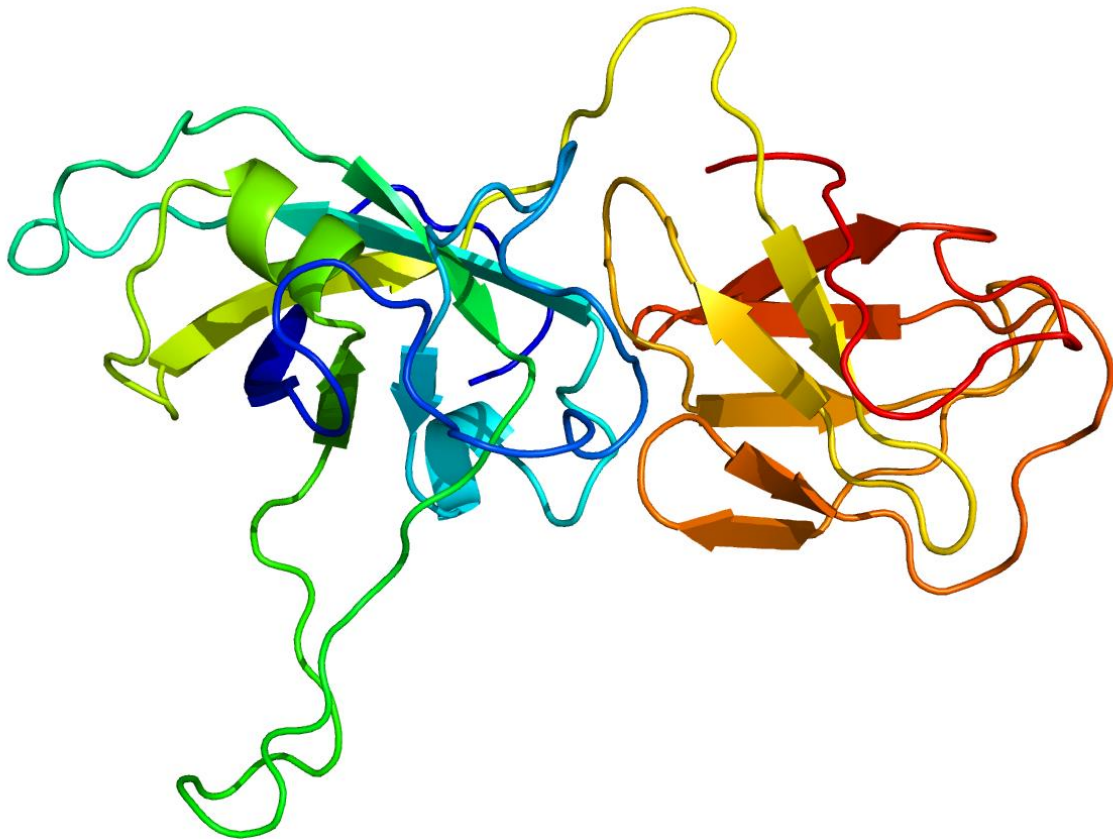
Locus: Brasy1G141400

Gene Model: Brasy1G141400.1.p

Description: BsyEXPA-01

Family: Alpha Expansin

3D structure:



GENOME DATABASES

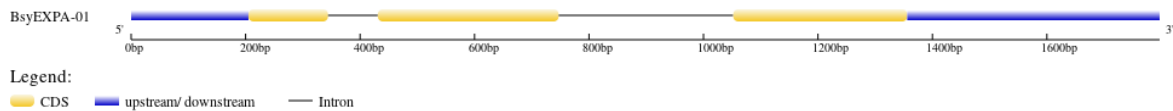
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

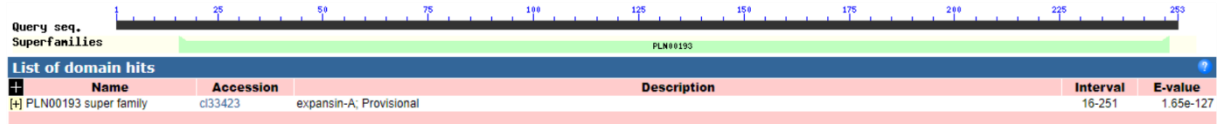
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPA-01

MASSNALLLLLSAAFCFLARRAAGDYGSWQSAHATFYGGDDASGTMGGACGYGNL
YSTGYGTNTAALSTALFNDGAACGSCYELKCDNAGPSYCRPGSITITATNLCPPNYAL
PNDDGGWCNPPRAHFDMAEPAYLQIGVYRAGIVPVS YRRVPCVKKGGIRFTINGHSY
FNLVLVTNVAGAGDVQSVSIKGSSTGWQPMSRNWQNWQSNSDLGQSLSFRTLS
DGRTLTSDGVAPAGWQFGQTFEGGQF*

CDS (coding sequence)

>BsyEXPA-01

ATGGCCTCCTCCAATGCTCTGCTCCTGCTCTTGTCTGCCGCCTTCTGCTTCCTTGCC
CGGCGAGCCGCCGGCGACTACGGCTCCTGGCAGAGCGCCACGCCACGTTCTACG
GCGGCGACGACGCGTCCGGCACAATGGGGGGCGCGTGCGGGTACGGGAACCTGT
ACAGCACCGGGTACGGCACGAACACGGCGGGCGCTGAGCACGGCGCTGTTCAACG
ACGGCGCGGCGTGCGGGTTCGTGCTACGAGCTCAAGTGCGACAACGCCGGCCCGT
CCTACTGCCGTCCCGGCAGCATCACCATCACGGCCACCAACCTGTGCCCCGCCAAA
CTACGCGCTGCCAACGACGACGGCGGCTGGTGCAACCCGCCCGCGCGCACTTC
GACATGGCCGAGCCGGCATACTCCAGATCGGGGTCTACCGCGCCGGCATCGTGC
CCGTCTCTACAGGAGGGTGCCTGTGTGAAGAAGGGCGGGATCAGGTTCAACCAT
CAACGGCCACTCCTACTTCAACCTGGTGCTGGTCACCAACGTGGCCGGCGCCGGC
GACGTGCAGTCCGTGTCCATCAAGGGCTCCAGCACCGGCTGGCAGCCCATGTCGC
GAAACTGGGGCCAGA ACTGGCAGAGCAACTCGGACCTCGACGGCCAGAGCCTCT
CCTTCAGGGTCAACCCTCAGCGACGGCCGCACCCTACCAGCGACGGCGTCCGCGCC
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Nucleotide

>BsyEXPA-01

GCTTCTCTTTACTCTTGTCCCCGGCCCTTTTCTTTCTCCTCAAAGTTATTAACGATT
CCAACGGCCAGGAGCACTGACGCTTACCTATAAATACGTCGCCGGGAGCGCAC
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