

IDENTIFICATION

Species: *Brachypodium sylvaticum*

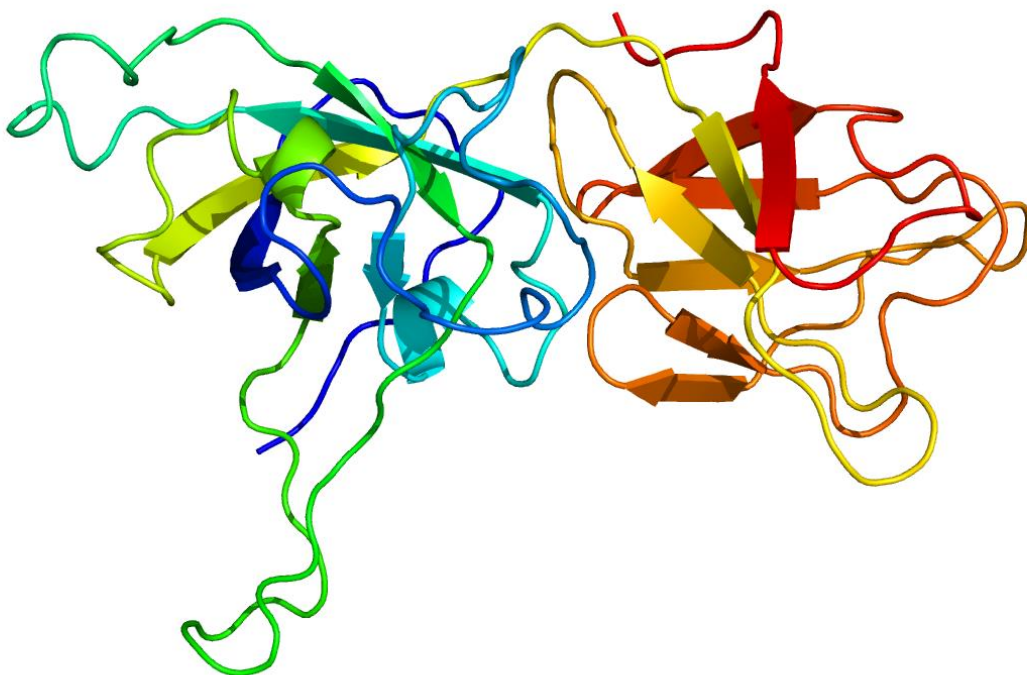
Locus: Brasy4G266900

Gene Model: Brasy4G266900.1.p

Description: BsyEXPA-18

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

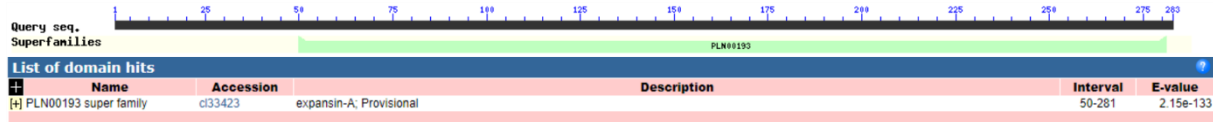
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPA-18

MEGQRPEYPAAAVGRPAAAAGGGRERERWRRRGWGVTAGYRPVIASSPQAPVVWQ
RAHATFYGGADASGTMGGACGYGNLYSEG YGTRTAALSTVLFNDGAACGQC
CDRKVDPRRCKPGVTVTATNLCPPNPNALPNDNGGWCNIPCPHFDMAQQAWEKIG
VYRGGIIPVMYQRVPCMKKGGVRFKINGHDYFNLVLVTNVA AIGSIKSM DVKSSDSK
DWAPMARNWGANWHS LAYLSGKMLSFR LNTD GQILEFN NIVPSGWKFGQTFASK
LQFN*

CDS (coding sequence)

>BsyEXPA-18

ATGGAAGGGCAGCGGCCGGAATACCCTGCCGCCCGCTGGGCCGGCCGGCGGCC
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CAGAGGGCGCACGCGACGTTCTACGGTGGAGCTGATGCCTCCGGCACCATGGGC
GGCGCGTGTGGGTACGGCAACCTGTACTCTGAGGGGTACGGAACCCGGACGGCG
GCGCTGAGCACGGTGCTCTTCAACGACGGCGCGGCATGCGGACAATGTTACAAA
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ACAGTCACGGCCACAAACCTCTGCCCGCCAACAATGCCCTTCAAATGACAATG
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GAAGATCGGTGTCTATAGGGGTGGCATCATTCCGGTCATGTATCAGAGGGTTCCA
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TTGTA CTG TGACCAACGTTGCAGCCATCGGCTCGATAAAGTCTATGGACGTCAA
GAGCTCTGATTCAA AAGATTGGGCGCCAATGGCACGCAACTGGGGTGCGAACTG
GCACTCGTTGGCGTATCTTAGCGGGAAAATGCTCTCTTTTCAGATTAACCAACT
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Nucleotide

>BsyEXPA-18

ATGGAAGGGCAGCGGCCGGAATACCCTGCCGCCCGCTGGGCCGGCCGGCGGCC
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