

IDENTIFICATION

Species: *Brachypodium sylvaticum*

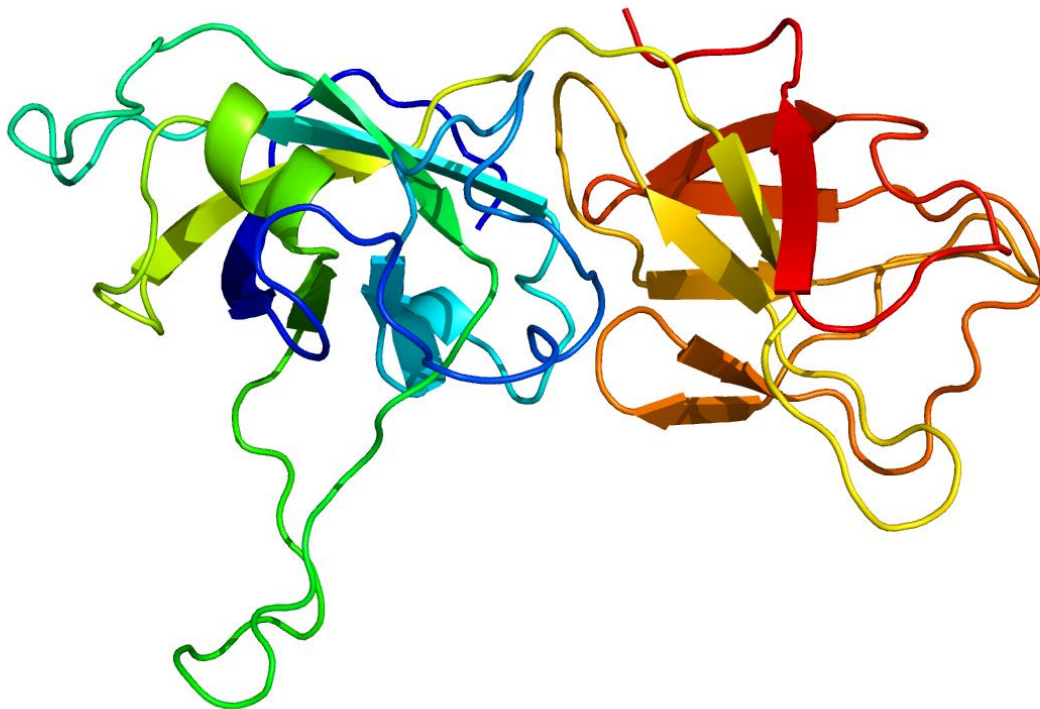
Locus: Brasy3G161400

Gene Model: Brasy3G161400.1.p

Description: BsyEXPA-12

Family: Alpha Expansin

3D structure:



GENOME DATABASES

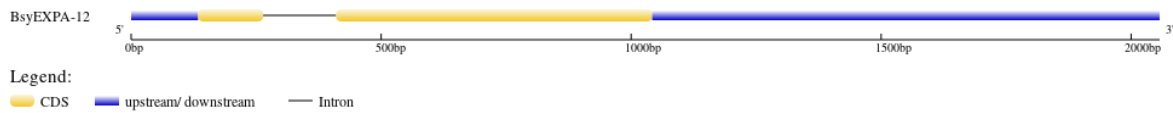
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

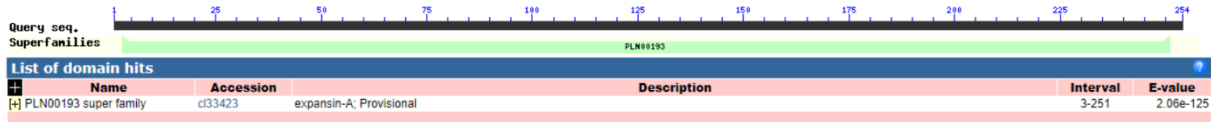
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPA-12

MDMAKSLVLCALLFLSACLSLAAADWLPATATFYGEADASGTMGGACGYSNLYDQ
GYGVNNAALSTVLFNDGASCGQCFTITCDSKKS GWCKTGNSITV SATNLCPN WALP
NDNGGWCNPPRQHFDMSQPAWETIAIYRAGIVPVL YQRVKCSRQGGV RFTVAGFNY
FELVLITNVGGSGSVASVSIKGSNTGWIHMSRNWGANWQSLAGLAGQALSFAVTTT
GGQYLVFDNIAPVWWQFGQTFGSYKQFDY*

CDS (coding sequence)

>BsyEXPA-12

ATGGATATGGCTAAGTCGCTGGTTCTATGTGCCCTATTATTCCTCTCGGCGTGCCT
CTCACTCGCCGCGGCCGATTGGTTGCCAGCGACGGCGACTTTCTACGGCGAAGCC
GACGCCTCCGGCACCATGGGCGGCGCGTGCGGGTACAGCAACCTGTACGACCAG
GGGTACGGCGTGAACAACGCGGCGCTGAGCACGGTGCTGTTCAACGACGGCGCG
TCGTGCGGGCAGTGCTTCACGATCACCTGCGACTCCAAGAAGTCCGGGTGGTGCA
AGACCGGCAACAGCATCACCGTGTGCGGCCACCAACCTGTGCCCGCCCAACTGGGC
GCTCCCAACGACAACGGCGGCTGGTGCAACCCGCCGCGGCAGCACTTCGACAT
GTCGCAGCCCGCCTGGGAGACCATCGCCATCTACCGCGCCGGCATCGTGCCCGTG
CTCTACCAGCGCGTCAAGTGCTCGCGCCAGGGCGGGGTCCGGTTCACCGTCCGCCG
GGTTCAACTACTTCGAGCTCGTGCTCATACCAACGTCGGCGGCAGCGGCTCCGT
CGCCAGCGTGTCCATCAAGGGGAGCAACACCGGGTGGATCCATATGTCAAGGAA
CTGGGGCGCCA ACTGGCAGTCCCTCGCCGGGCTTGCCGGCCAGGCGCTCAGCTTC
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Nucleotide

>BsyEXPA-12

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