

IDENTIFICATION

Species: *Brachypodium sylvaticum*

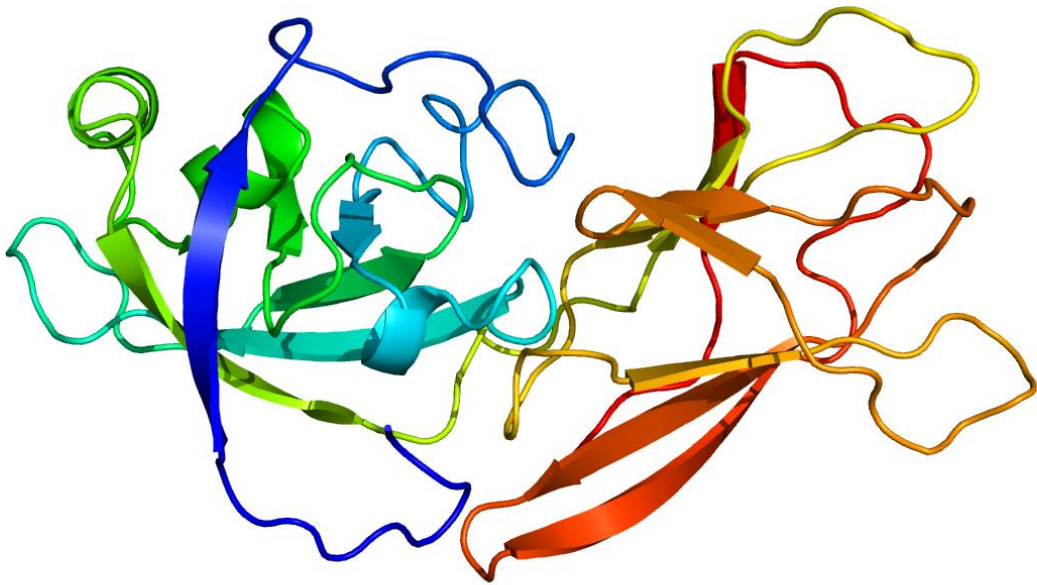
Locus: Brasy2G047200

Gene Model: Brasy2G047200.1.p

Description: BsyEXLA-02

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

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

KEGG:-

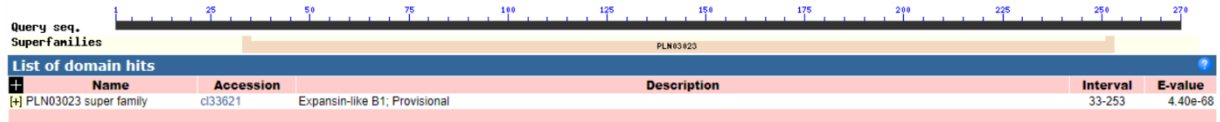
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXLA-02

MAVSISSSSTLLLVLFSFLVSLCAACDRCVRSRAAYYTSSLTLAAGSCGYGTAAS
FNGGLLAAASPALYRDGVGCGACFQVRCKDKKLCGAAGARVVVTDRARTNRTDLV
LSSPAFAAMARPGMAARLAKLGAVKVEYKRVPCEYKGKNLSVRVEERSRAPSELAI
RFLFQGGQTDIVAVDVAQVGSSNWKFMDRNGPAWSTSQAPPGLQFRVVVTGGY
DGKWWWAEKEVLPRRWRAGEVYDTGVQITDVAQEGCFPCDTQEW*

CDS (coding sequence)

>BsyEXLA-02

ATGGCCGTCTCCATCTCGTCCTCATCCACTCTGCTCCTCGTCTTCCTCTTCTCCTTC
CTCGTCTCGCTCTGCGCCGCCTGCGACCGCTGCGTGCGCAGCTCCAGGGCCGCCT
ACTACACCTCCTCGCTCACCTCGCCGCCGGTTCTTGCGGGTACGGCACGGCGGC
CGCGTCCTTCAACGGCGGCCTCCTCGCCGCGGCCAGCCCGGCCCTGTACAGAGAC
GGCGTTCGGCTGCGGCGCGTGCTTCCAGGTGAGGTGCAAGGACAAGAAGCTGTGC
GGCGCGGCGGGCGCCAGGGTCGTCTGTCACGGACCGCGCCAGGACGAACCGCACG
GACCTCGTGCTCAGCAGCCCGGCGTTCGCCGCCATGGCCAGGCCCGGCATGGCCG
CGCGGCTCGCCAAGCTCGGCGCTGTCAAAGTCGAGTACAAGCGGGTTCCGTGCGA
GTACAAGGGGAAGAACCTCTCTGTGCGTGTGCAAGAGAGGAGCCGCGCGCCAG
CGAGCTGGCCATCAGGTTCTTCCAGGGCGGCCAGACAGACATCGTCGCCGTC
GACGTGCGCACAGGTGGGATCGTCTGAACTGGAAGTTCATGGCGCGGGACAACGGG
CCGGCGTGGAGCACGAGCCAGGCGCCCGGGGCCGCTGCAGTTCAGGGTGGTG
GTGACCGGCGGGTACGACGGCAAGTGGGTGTGGGCAGAAAAGGAAGTGCTGCCG
CGCCGGTGGCGCGCCGGCGAGGTCTACGACACGGGCGTCCAGATCACCGACGTG
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Nucleotide

>BsyEXLA-02

ACCTGTCCTGTAGCTTGATTATTAGATTAGCCTCCTTTTTCTGGAGTAACAAAGGT
AAAAAGTTAGTCTACACTCTTACTTCTACCTGTAAACCTTTACAAAATTAGAGCA
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