

IDENTIFICATION

Species: *Brachypodium sylvaticum*

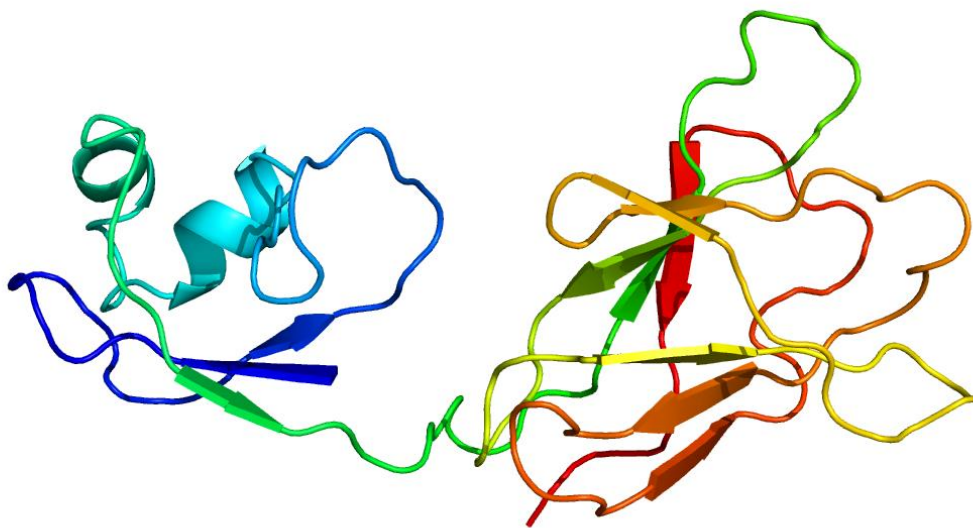
Locus: Brasy2G047200

Gene Model: Brasy2G047200.2.p

Description: BsyEXLA-03

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

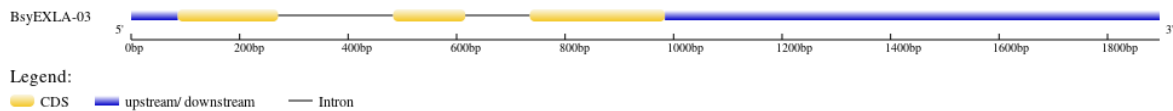
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

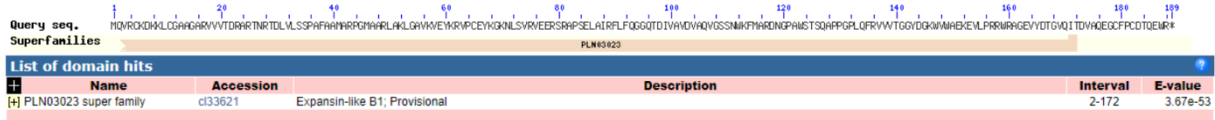
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXLA-03

MQVRCKDKKLCGAAGARVVVTD RARTNRTDLVLSSPFAFAMARPGMAARLAKLG AVKVEYKRVPC EYKGNLSVRVEERSRAPSELAIRFLFQGGQTDIVAVDVAQV GSSN WKFMARDNGPAWSTSQAPPGLQFRVVVTGGYD GKWWWAEKEVLPRRWRAGEVYDTGVQITDVAQEGCFPCDTQEWRF*

CDS (coding sequence)

>BsyEXLA-03

ATGCAGGTGAGGTGCAAGGACAAGAAGCTGTGCGGCGCGGGCGGGCGCCAGGGTC
GTCGTCACGGACCGCGCCAGGACGAACCGCACGGACCTCGTGCTCAGCAGCCCG
GCGTTCGCCGCCATGGCCAGGCCCGGCATGGCCGCGCGGGCTCGCCAAGCTCGGGC
CTGTCAAAGTCGAGTACAAGCGGGTTCCGTGCGAGTACAAGGGGAAGAACCTCT
CTGTGCGTGTGCGAAGAGAGGAGCCGCGCGCCCAGCGAGCTGGCCATCAGGTTCCCT
CTTCCAGGGCGGCCAGACAGACATCGTCGCCGTCGACGTCGCACAGGTGGGATC
GTCGAACTGGAAGTTCATGGCGCGGGACAACGGGCCCGGCGTGGAGCACGAGCCA
GGCGCCCGCGGGGCCGCTGCAGTTCAGGGTGGTGGTGACCGGCGGGTACGACGG
CAAGTGGGTGTGGGCAGAAAAGGAAGTGCTGCCGCGCCGGTGGCGCGCCGGCGA
GGTCTACGACACGGGCGTCCAGATCACCGACGTGGCGCAAGAAGGCTGCTTCCCC
TGCGACACGCAGGAGTGGAGGTGA

Nucleotide

>BsyEXLA-03

CTAGTACTAGTATAAGTGTTCCTTCGTGATCGGCCCTGAAGGTGTTTGTACTTGG
TTATATCTGTGGTTGAATCCGATTCGGGCGATGCAGGTGAGGTGCAAGGACAAGA
AGCTGTGCGGCGCGGCGGGCGCCAGGGTTCGTGTCACGGACCGCGCCAGGACGA
ACCGCACGGACCTCGTGCTCAGCAGCCCGGCGTTCGCCGCCATGGCCAGGCCCGG
CATGGCCGCGCGGGCTCGCCAAGCTCGGGCGCTGTCAAAGTCGAGTACAAGCGGTA
ATTAAACGCCCCCTTTTATTCATTTTTCAACACCAACCAACCGCGAGTCCCGCGC
CATGTGCCTTACCGCCGTAGAAGAAAGAAAAACAGAGCCCGGCCGACCTTGCC
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CGAATTTACAGCCTGGAAGGCTCAAGATTGTTCACCACGTGCAGGGTTCCGTGCG
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GACAACGGGCGGGCGTGGAGCACGAGCCAGGCGCCGCCGGGGCCGCTGCAGTTC
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TACTGCCGTTTTGGCCGTGCTGGCTTTGAACTTTGAAGGAGCAGAGTCCAGAAAC
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TCTTTTCGTGGATGGCCGTGCCGTTGCCGTGCCACTGGATTCAACGGGATCACAA
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GGGCCTTGCAATAAGTACCAAAAATCTCCTCCAGCG