

IDENTIFICATION

Species: *Brachypodium sylvaticum*

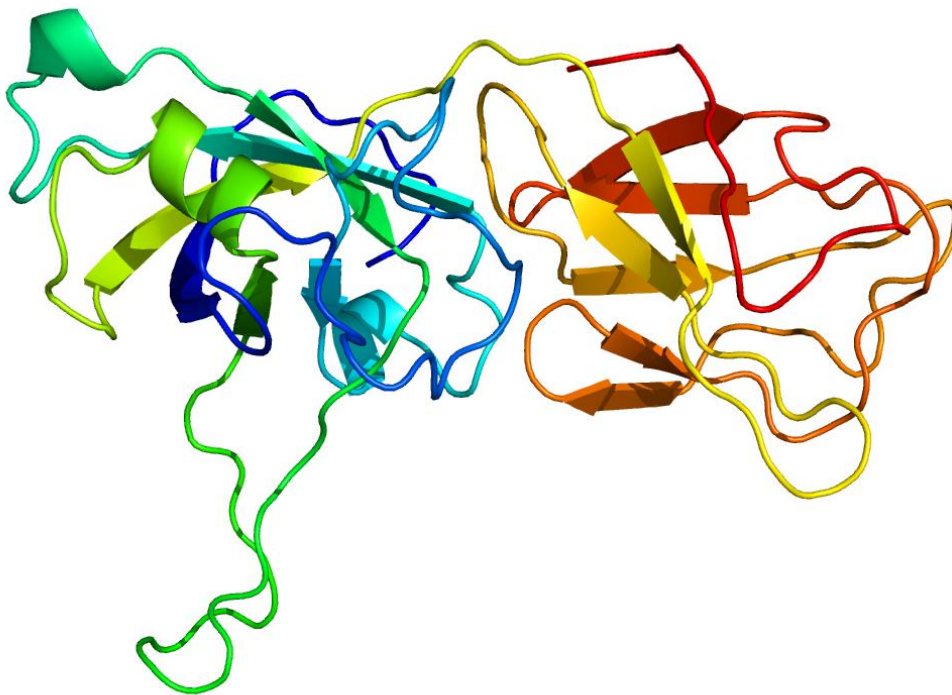
Locus: Brasy3G054200

Gene Model: Brasy3G054200.2.p

Description: BsyEXPA-08

Family: Alpha Expansin

3D structure:



GENOME DATABASES

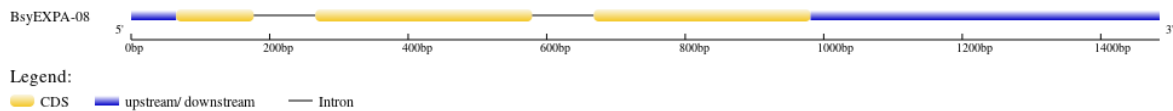
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bsylvaticum_v1_1

KEGG:-

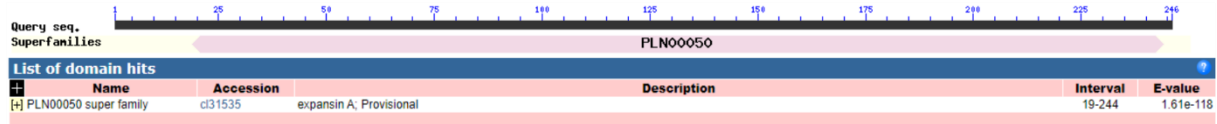
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BsyEXPA-08

MALLLLLALLSLSSSSADGWTNAHATFYGGDASGTMGGACGYGNLYSQGYGTGT
AALSAALFGNGLSCGACFELRCAGSYCLPGAGSIVVTATNLCPPNYALPNDKGGWC
NPPLHHFDLSQPAFLRIARYRAGIVPVAYRRVACRRRGGIRFTISGHPYFNLVLVSNV
GGAGDVHAVAVRGGGRTRWQAMSRNWQNWQSAARLDGQPLSFTVTASDRRSV
VSRNVAPAGWAFGQFTTGAQFR*

CDS (coding sequence)

>BsyEXPA-08

ATGGCGCTGCTTTTGTGCTTGCTCTGCTTTCCTGCTCCTCGTCGTCGGCCGACGG
CTGGACCAACGCCACGCCACCTTCTACGGCGGGCGGCGACGCCTCCGGCACCATG
GGGGGCGCGTGCGGGTACGGCAACCTGTACAGCCAGGGGTACGGCACCGGCACG
GCGGCGCTGAGCGCGGGCGCTGTTCCGGCAACGGGCTGAGCTGCGGCGCTTGTTCG
AGCTGCGCTGCGCGGGTCTACTGCCTGCCGGGGCGGGCTCCATCGTGGTGAC
GGCCACCAACCTGTGCCCCGCCAACTACGCGCTCCCCAACGACAAGGGCGGCTG
GTGCAACCCGCCCTCCACCACTTCGACTTGTCCCAGCCGCCTTCTCCGCATCG
CCCCTACCGCGCCGGCATCGTCCCCGTCGCCTACCGCCGGGTGGCGTGCAGGAG
GAGGGGCGGCATCCGGTTCACCATCAGCGGCCACCCCTACTTCAACCTGGTGCTG
GTGAGCAACGTGGGCGGGCGGGCGACGTGCACGCGGTGGCCGTCAGGGGGGGC
AGCGGCCGACGCGCTGGCAGGCCATGTCCAGGAACTGGGGCCAGAACTGGCAG
AGCGCCGCGCCTCGACGGCCAGCCGCTCTCCTTACGGTCACGGCCAGCGACA
GGCGTCCGTCGTCTCGCGCAACGTCGCGCCGGCCGGATGGGCCTTCGGACAGAC
CTTACCGGCGCCAGTTCCGTTGA

Nucleotide

>BsyEXPA-08

ATCTACCTATATCTATTTATAGCTCCCACGCTCGAAATGGGTCACTTGCAGGCACG
GACAGATCAATGGCGCTGCTTTTGTGCTTGCTCTGCTTTCCTGCTCCTCGTCGTC
GGCCGACGGCTGGACCAACGCCACGCCACCTTCTACGGCGGGCGGCGACGCCTCC
GGCACCATGGGTGAGCCGCAAACGGCATTTCGAGTTTCTCGATCGATCGGCCGCAA
CGTGCAATGTACTAGTGTGACGAGCGAGACATGTGTAACGCAGGGGGCGCGTG
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CGCGGCGCTGTTTCGGCAACGGGCTGAGCTGCGGCGCTTGCTTCGAGCTGCGCTGC
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TGTGCCCCGCCAACTACGCGCTCCCCAACGACAAGGGCGGCTGGTGCAACCCGCC
CCTCCACCCTTCGACTTGTCCCAGCCCGCCTTCCTCCGCATCGCCCCGCTACCGCG
CCGGCATCGTCCCCGTCGCCTACCGCCGGTACGTACGTATATAAATGCCACTGAG
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CGCGGTGGCCGTCAGGGGGGGCAGCGGCCGGACGCGCTGGCAGGCCATGTCCAG
GAACTGGGGCCAGAACTGGCAGAGCGCCGCGCGCCTCGACGGCCAGCCGCTCTC
CTTCACGGTACGGCCAGCGACAGGCGCTCCGTCGTCTCGCGCAACGTGCGGCCG
GCCGGATGGGCCTTCGGACAGACCTTCACCGGCGCCCAGTTCCGTTGAGATCCAT
CCTGTACAAGGCTGCTATCTGCATGATGTGTACAATTAATGCTCGCCGGTTTTTCGT
TTAGCAACAAGTTCCCCGGGGTCCACAGTGTGCCGCGGTCACATGAGGGTGTGTC
TGCCATGTACTTGCAGCAACGAGTTTTTTATTTCTACTATTTATAAAGTCGTCAACA
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TAAATAATTAAGCCCCCTAAACCGCCTCCGACAACCAGTAGCTTCCCGAAAATCC
TCGGATCCAGCTTCCCGTTCCTACTTCCGCATCCGATCTCCATCGTTTGTACCTGG
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