

IDENTIFICATION

Species: *Brachypodium distachyon*

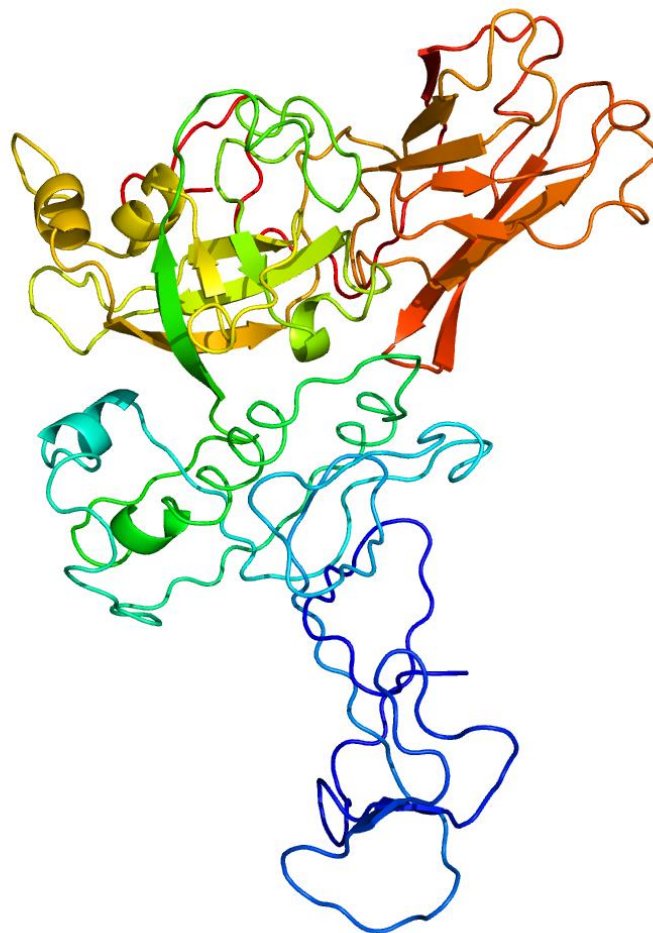
Locus: Bradi3g32297

Gene Model: Bradi3g32297.2.p

Description: BdEXLA-05

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Bdistachyon_v3_1

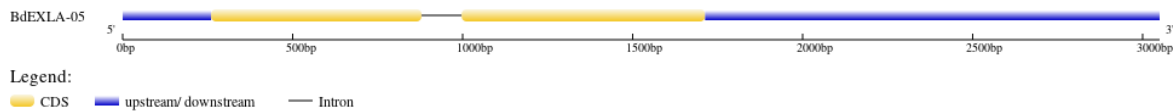
KEGG: <https://www.genome.jp/entry/T01717>

EXTERNAL RESOURCES

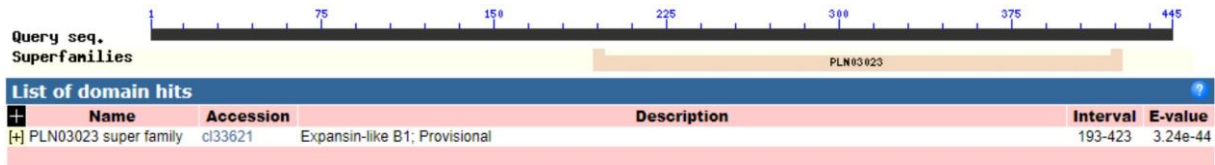
<https://brachypodium.org/>

https://archive.gramene.org/species/brachypodium/brachypodium_intro.html

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BdEXLA-05

MGAWLPEFILVLARAPTSPDACPARTSLWSVATQPPSLYPPQACGHVWVRRAPSSQS
QVGPELLTPSRVIAPKTFCSVPRDHGRQPAANTISSAAAAATGQRAASRIKLSLSS
QESPVLFCSISPKRTTSCNTRLQARSIGRFDPFMAASLSPCPMESAGSRLLLLVFLFIA
VVGSSPASRCGSCVRRSKAAYRASSPALDNAGSCGYGALATTLDAGLLAAVSPAL
YRDGAGCGACYQVRCTDAGLCSTSGARVVVTDQARVTD RADLVLTGAAYAAMAS
GGAGTPAARKLRERRAVNVEYRRVPCEPHGHRNLSVRVEEGAPEAEQLAIRFLYQG
GQTDIVAVDVAAAGSSSGWRPMARERGGPAWRTTGRGAPEGPLRMRMVVTGGYD
GKWVWADGEVIPRRWKAGR VYDTGVQIADV ALDWCHGHPCHDDSREWR*

CDS (coding sequence)

>BdEXLA-05

ATGGGGGCGTGGTTACCCGAGTTTATCCTAGTACTGGCTCGCGCGCCACGTCGC
CGGACGCGTGTCCAGCCAGGACGAGCCTTTGGTCGGTGGCCACCCAACCTCCATC
GCTATATCCGCCCAAGCCTGCGGCCACGTCTGGGTACGTCGCGCGCCATCCTCC
CAATCTCAAGTCGGGCCCAGTTACTAACTCCCAGCCGCGTCATCGCGCCAAAA
CATTCTGCTCCGTCCCACGAGACCACGGCCGTCAGCCGGCAGCAAATACGATATC
TAGCGCCGACGAGCAGCAACTGGCCAACGTGCCGCGTCGCGTATAAAGCTCAG
CTCTAGCCTTTCTTCCTCGCAAGAATCCCCTGTTCTGTTCTGTTTCGATCTCGCCAA
GAGAACTACTTCGTGTAACACGCGTCTTCAAGCTCGATCGATCGGTCGATTCGAT
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GCTCCTCCTCCTCGTCTTCTTTCATCGCCGTCGTCGGCTCGTCTCCGGCTTCGCG
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Nucleotide

>BdEXLA-05

CGAGTTTCCTTTACGAGCAGTAGTACTATGTGATTCCAATTCAGCCGTGATCTCAT
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CCAATCGTTTCCTCGTCACCTCCTTCAACGCCGCCGCCTCCTCCGGTCTCCCGTC
CTACACGAGGATTCTGTTCTGTGCTGTCTTTAGCCAGCAATTACTGGAGTAAACG
GCAACCGCGTACGGTACAGCTTGTACGCTGCCTCCGGATGGGGGCGTGGTTACCC
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