

IDENTIFICATION

Species: *Brachypodium distachyon*

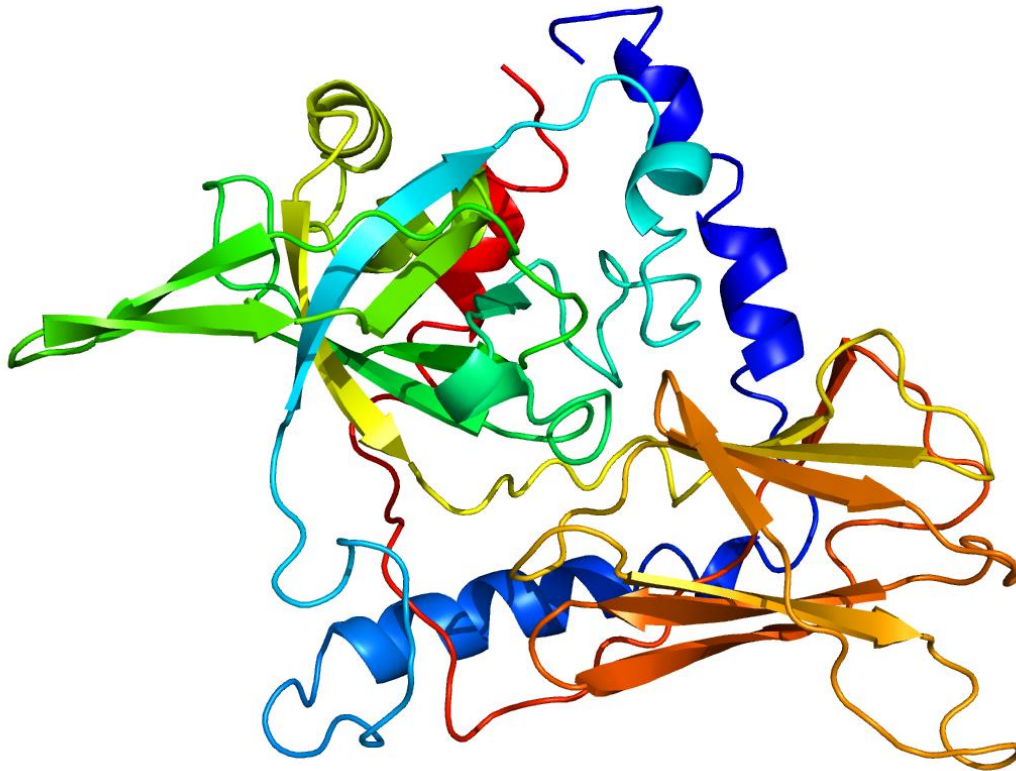
Locus: Bradi1g13787

Gene Model: Bradi1g13787.3.p

Description: BdEXPB-01

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

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

EXTERNAL RESOURCES

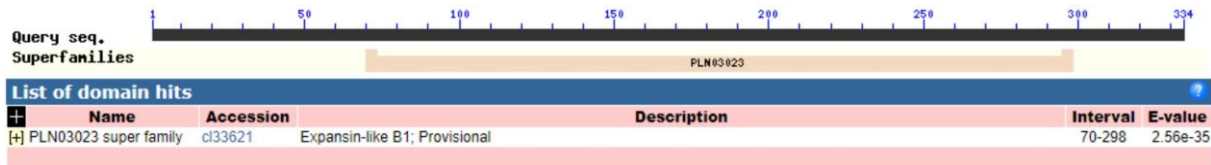
<https://brachypodium.org/>

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BdEXPB-01

MQRRTHALSIVASLVTQIVHQMYSRDRVQCVASKLQLLSFAITVAVTLLFHPCASVEF
QHELSSWSGGIATWYGDANGAGSEGGACGYQYAVDQPPFSSMIAAGSPFIYDSGDG
CGSCYRVMCAGNEACSGIPVTVVITDQGPGGGPCLSELVDGQCQNEAAHFDMSGTA
FGAMAKPGQADQLRGAGLLQIQYTRVQCDWTGVGLTFKVDGTGSNPNYLA VLVEYE
DSDSDLA AVDLMPSSSTGATS AWIPMQQSWGAVWKLNSGSTLQGPFSIRLTFRSGKM
LVAGNAIPAGWNPVAYQPGGIAVRDDHRASGGCRGYGLYHFLLLFVILLQL*

CDS (coding sequence)

>BdEXPB-01

ATGCAAAGGAGAACCCATGCACTGTCCATTGTTGCATCCCTAGTTACACAAATTG
TTCATCAAATGTACACATCCGATAGAGTGCAGTGTGTGGCTTCCAAGCTTCAGCT
CTTGTCCTTTGCCATTACAGTTGCTGTCACCTTTGCTCTTCCACCCTTGTGCATCCGT
TGAGTTCCAGCATGAGCTCTCCAGCTGGTCCGGCGGCATCGCTACATGGTACGGT
GACGCTAATGGTGCTGGAAGTGAAGGTGGTGCATGTGGATAACCAGTATGCTGTTG
ACCAGCCGCCATTCTCATCCATGATTGCCGCTGGCAGCCCTTTCATATATGATTCT
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CTGGTATTCCAGTGACCGTCGTCATCACGGACCAGGGCCCTGGCGGCGGGCCATG
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TCAGGTCTGGCAAGATGCTCGTCGCCGGCAATGCCATACCTGCCGGGTGGAACCC
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Nucleotide

>BdEXPB-01

AAAACCCTAGATTTCTTGCAAGTTCTTTCATTCATTAATTTTATTTCTTGTCCCTTT
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