

IDENTIFICATION

Species: *Sorghum bicolor*

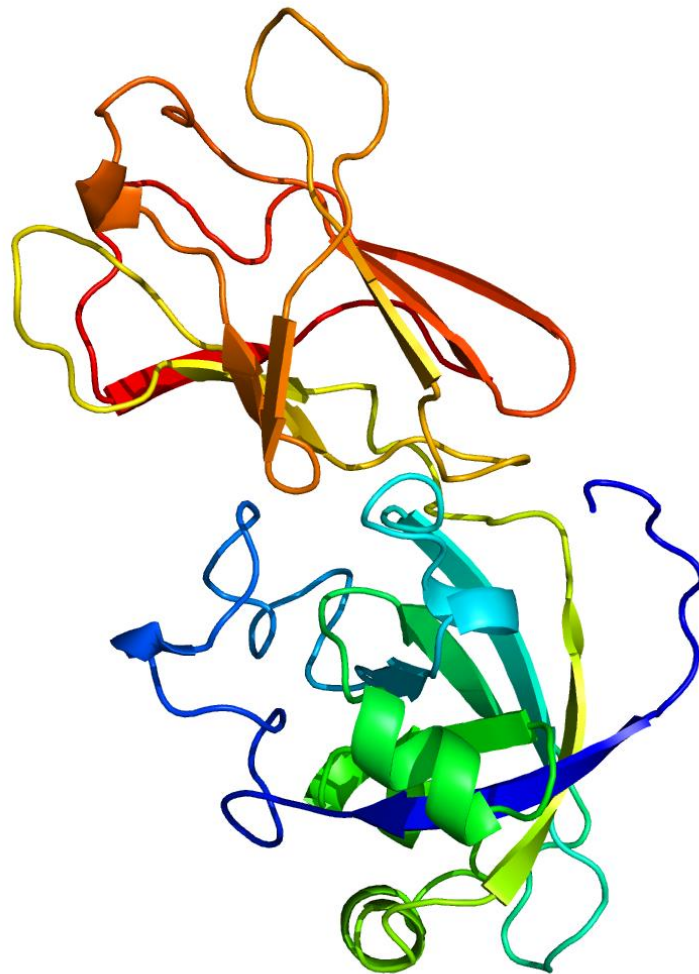
Locus: Sobic.006G171300

Gene Model: Sobic.006G171300.1.p

Description: SbEXPB-41

Family: Beta Expansin

3D structure:



GENOME DATABASES

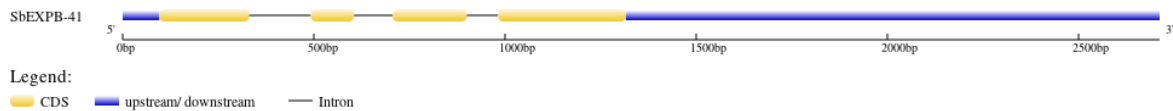
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1

KEGG: <https://www.genome.jp/entry/T01086>

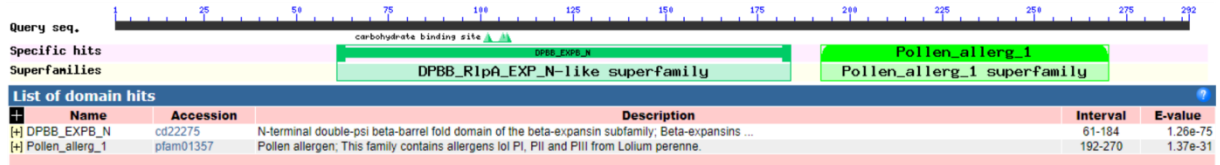
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbEXPB-41

MAASPSTFRFAAVVAVLSTLSLLASPTSGYENAEPMVIRDSPQNDSRRYLWASSAR
GYGWSSGGATWYGNANGAGSDGGACGYKGDVSRPFRSMIAAGGPSLFKNGKGC
GACYQIKCTGNRACSGRPVTVTITDSCPGGACLAESAHFDMMSGTAFGAMANRGMAD
RLRSAGILKIYKRVPCYNGRTVNFKVDAGSNPYLAVLIEYVAGDGEISAVDIMQ
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GRTYRSAVNFGY*

CDS (coding sequence)

>SbEXPB-41

ATGGCGGCTAGTCCGAGCACATTCGATTTGCTGCCGTAGTGGCCGTGCTGTCTCGA
CCCTGTCACTTCTTGCAAGCCCTACCTCCGGCTACGAGAACGCCGAGCCCATGGT
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GGCGCGAGGCTACGGCTGGTCCTCCGGCGGCGCGACGTGGTACGGCAACGCTAA
CGGCGCCGGCAGCGACGGTGGTGCTTGTGGTTATAAAGGTGATGTCAGCCAGCGC
CCATTCAGGTCGATGATCGCGGCCGGCGGCCCTTCCCTCTTCAAGAACGGCAAAG
GATGCGGCGCATGCTACCAAATTAAGTGCACGGGCAACAGAGCCTGCTCCGGCC
GGCCAGTGACGGTCACCATCACCGACTCCTGCCCCGGCGGTGCGTGCCTTGCCGA
GTCGGCGCACTTTGACATGAGCGGCACGGCCTTCGGCGCCATGGCCAACCGCGGC
ATGGCTGACCGCCTCCGCTCCGCCGGAATCCTCAAGATCCAGTACAAGAGGGTGC
CCTGCAAGTACAACGGCAGGACCGTCAACTTCAAGGTGGACGCGGGGTCCAACC
CGTACTACCTCGCCGTGCTGATCGAGTACGTGGCCGGAGACGGCGAGATCTCCGC
GGTGGACATCATGCAAGCCGGCTACAACCTCGTGGACGCCGATGCAGCAGTCGTG
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A

Nucleotide

>SbEXPB-41

ATCACCATAACCAAGCACCAGCTAGACCTTCTATAGTCCATTGGCCCTCGTCTCAG
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CGGGCAACAGAGCCTGCTCCGGCCGGCCAGTGACGGTCACCATCACCGACTCCTG
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TTCGGCGCCATGGCCAACCGCGGCATGGCTGACCGCCTCCGCTCCGCCGGAATCC
TCAAGATCCAGTACAAGAGGTGATTGTTGCTACTCATAGTAGTAACCATGCATGC
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