

IDENTIFICATION

Species: *Sorghum bicolor*

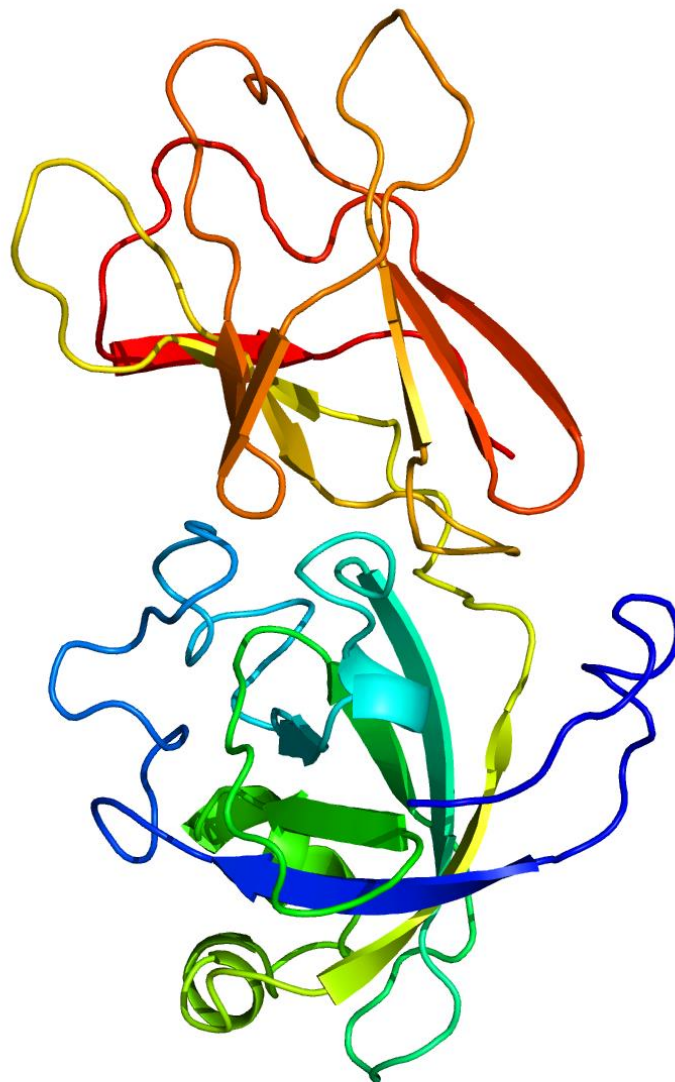
Locus: Sobic.001G300700

Gene Model: Sobic.001G300700.1.p

Description: SbEXPB-04

Family: Beta Expansin

3D structure:



GENOME DATABASES

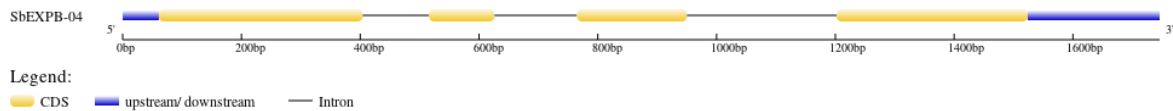
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1

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

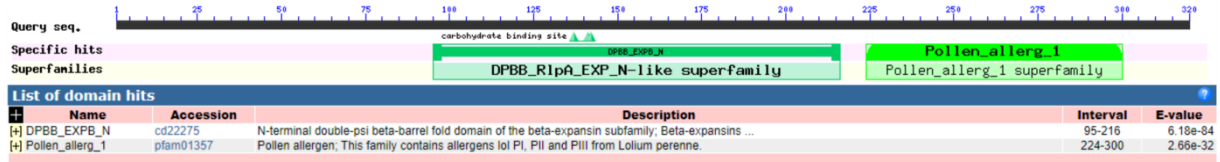
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbEXPB-04

MSIARGLPWRFFFRSINTPASC SLPDHRNAKTPPVSQINRSYYTSRVTLAAMASSFSKV
VAALIGALIFSLLV TYGSCATPANFTASDFTADPNWEAARATWYGAPTGAGPDDNG
GACGFKNVNLPFSAMTSCGNQPLFKDGGKGCSCYQIRCQKHPACSGNPETVIITDM
NYYPVSKYHFDLSGTA FGAMAKPGRNNELRHAGIIDIQFKRVPCNYPGQKVTFHVEE
GSNPVYFAVLVEFEDGDGDVVQVDIMEANS GYWTPMRESWGSIWRLDANHRLQAP
FSLRITNESGRKLVANRVIPANWAPNNYRSIIQY*

CDS (coding sequence)

>SbEXPB-04

ATGTCGATCGCGCGCGGCCTTCCTTGGAGATTCTTTTTCCGGTCTATAAATACCCC
GGCGAGCTGCTCCCTTCCAGATCATCGAAACGCAAAAACCTCCTCCTGTCAGCCAA
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CTCCAAGGTGGTCGCAGCACTTATTGGTGC GCTCATCTTCTCCCTCCTTGTCACGT
ATGGCTCGTGC GCTACACCGGCCAACTTCACCGCCTCCGACTTCACCGCCGATCC
CAACTGGGAGGCTGCCAGAGCCACCTGGTACGGTGC GCCCACCGGGCGCCGGCCC
TGACGACAATGGTGGCGCCTGCGGGTTCAAGAACGTGAACCTGCCGCCGTTCTCC
GCGATGACGTCGTGCGGCAATCAGCCCCTGTTCAAAGATGGAAAGGGATGTGGC
TCCTGCTACCAGATACGGTGCCAGAAACACCCTGCCTGCTCCGGCAACCCCGAGA
CGGTGATCATCACTGACATGAACTACTACCCCGTGTCCAAGTATCACTTCGACCT
CAGCGGCACGGCGTTTCGGCGCCATGGCCAAGCCCGGCCGCAACAACGAGCTCCG
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CAGAAGGTGACGTTCCACGTGGAGGAGGGCTCGAACCCGGTCTACTTCGCGGTGC
TCGTTCGAGTTCGAAGACGGCGACGGCGACGTGGTGCAGGTGGACATCATGGAGG
CCA ACTCCGGCTACTGGACGCCGATGCGCGAGTCCTGGGGATCCATCTGGAGGCT
GGACGCCAACCATAGGCTGCAGGCGCCCTTCTCGCTGCGCATCACAACGAGTCC
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TATTACCGCTCCATCATTAGTATTAG

Nucleotide

>SbEXPB-04

ACCCCTACGCACCAAAGGCCAAAGCACACACGTCGACGCGGCCGCAACTGCCG
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