

IDENTIFICATION

Species: *Sorghum bicolor*

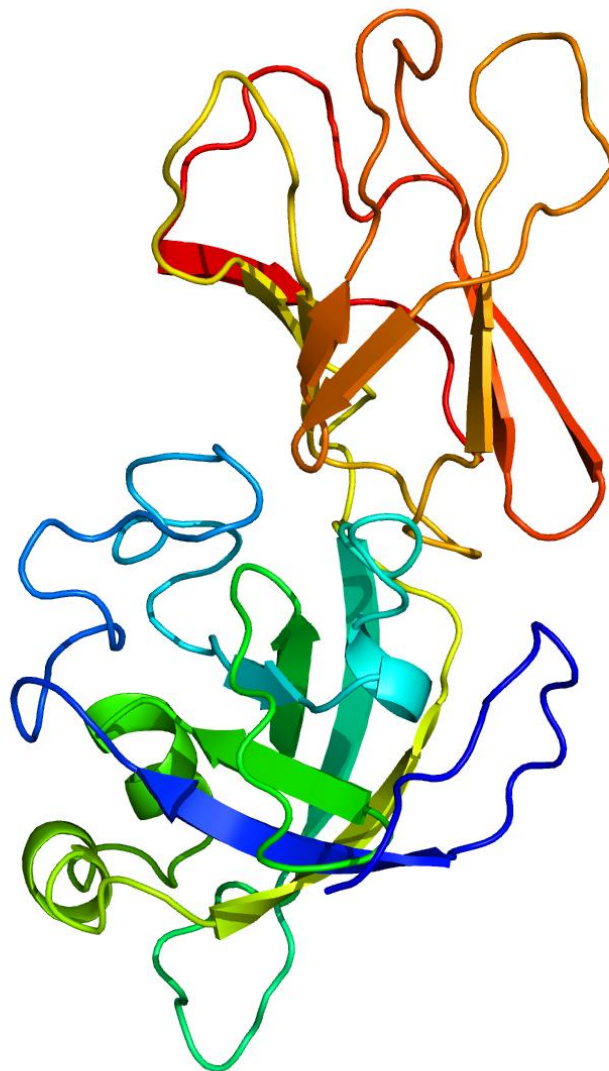
Locus: Sobic.001G301300

Gene Model: Sobic.001G301300.1.p

Description: SbEXPB-09

Family: Beta Expansin

3D structure:



GENOME DATABASES

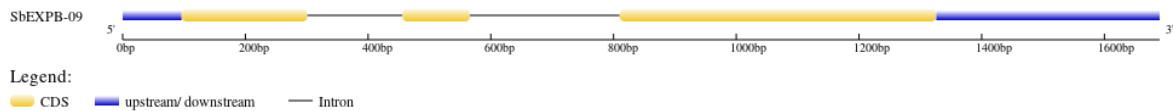
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1

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

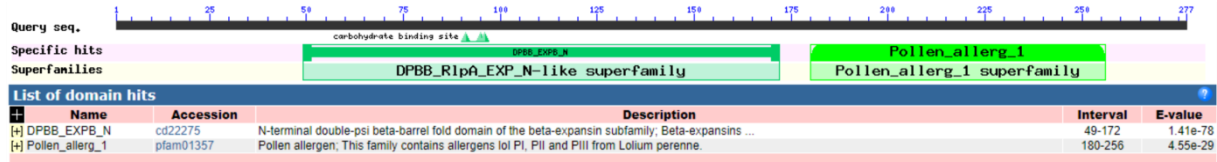
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbEXPB-09

MAAAGAAALLALLAALVVVVTHSGASALPAVVNNHTSAARQLRGRSGGWQMAKA
TWYGAPYGAGPDDNGGACGFKNTNQYPFMSMTSCGNQPLFQDGQCGCACYQIRCT
AKNNPACSGEVKTVMITDMNYYPVARYYHFDLSGTAFGSMARPGLNDKLRHAGIIDIQ
FRRVACNNRGLTVNFHVQAGSNPNYLAVLVEYANKAGTVVQMDAMEANSQHWMP
MRRSWGSVWRLDSYRALRGPFSMRIRSENGRTLVAANNVIPANWRANTDYRSYVQFT
*

CDS (coding sequence)

>SbEXPB-09

ATGGCCGCCGCGGAGCAGCTGCACTTCTTGCCCTCCTCGCCGCGCTTGTTGTCGT
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GCCGCCGCCAACTCCGCGGTCGTTCCGGCGGCTGGCAGATGGCCAAGGCCACCT
GGTACGGCGCGCCCTACGGCGCCGCCCGACGACAACGGCGGCGCGTGGCGGT
TCAAGAACACCAACCAGTACCCGTTTCATGTCCATGACGTCGTGCGGCAACCAGCC
CTTGTTCCAGGACGGCCAGGGCTGCGGCGCATGCTACCAGATCAGGTGCACCGCT
AAAAACAACCCAGCCTGCTCCGGCGAGGTGAAGACGGTGATGATCACGGACATG
AACTACTACCCGGTGGCGAGGTACCACTTCGACCTGAGCGGCACGGCGTTCCGGGT
CCATGGCGAGGCCGGGGCTCAACGACAAGCTCCGGCACGCGGGCATCATCGACA
TCCAGTTCAGGAGGGTGGCCTGCAACAACCGGGGGCTCACCGTCAACTTCCACGT
GCAGGCCGGTCCAACCCCAACTACCTGGCGGTGCTGGTGGAGTACGCCAACAA
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GCCCATGCGCCGCTCCTGGGGGTCCGTCTGGCGGCTCGACTCCTACCGCGCGCTC
AGGGGCCCTTCTCCATGCGCATCCGCAGCGAGAACGGCAGGACGCTGGTGGCC
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AGTTCACTTAA

Nucleotide

>SbEXPB-09

AACACAAGCAGCTAGCCAGCAAACGCACATACTACAAGGTTTCTTGTTAGCTTCT
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