

## IDENTIFICATION

**Species:** *Sorghum bicolor*

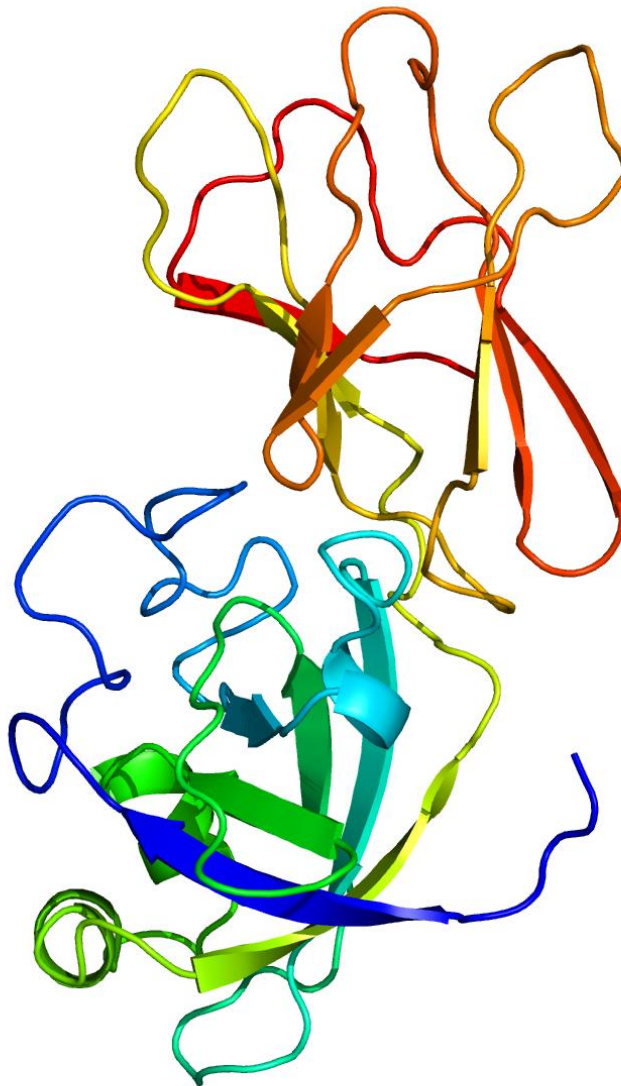
**Locus:** Sobic.001G300400

**Gene Model:** Sobic.001G300400.1.p

**Description:** SbEXPB-02

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

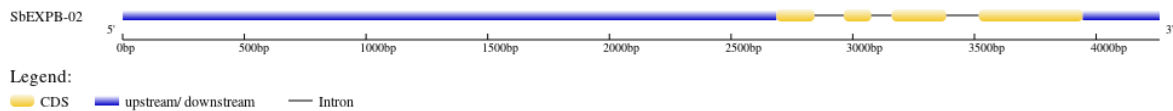
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sbicolor\\_v3\\_1\\_1](https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1)

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

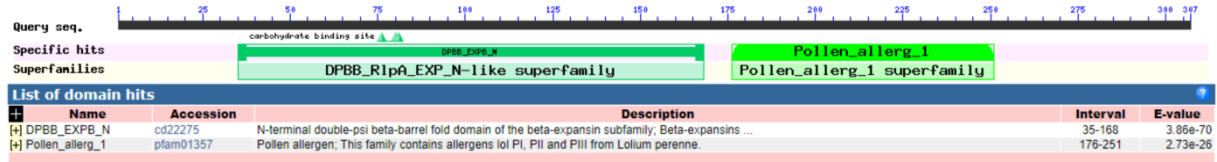
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbEXPB-02

MASKIQLLSSIAILAFASHLHPCVSIEFRHELSSWTTGIATWYGDANGAGSEGGACGY  
QYAVDQPPFSSLIAAGSPFIYDSGNGCGSCYQVVCSSNQACSGYPVTVVITDQGGGG  
PCLSQASDGMCLNEGAHFDMSGTAFGAMAKPGMADQLRAAGLLQIQYTRVQCEWP  
GVDVTFVSVDSGSNPNYLAVLIEYEDSESDLSAVDIMQNSAGQWVPMQHSWGAIWRL  
DSGSALHGPFHLRLTFSSGRVLIASNAIPAGWTPGVAYRAGGVAVTRARPRSGGGRIH  
EAAGTFSSLVYHLLMFVVLVL\*

### CDS (coding sequence)

>SbEXPB-02

ATGGCTTCCAAGATCCAGCTCTTGTCCTCCATCGCCATTTTAGCTTTTGCCTCACA  
CCTTACCCTTGTGTGTCCATTGAGTTTCGCCATGAGCTCTCCAGCTGGACCACTG  
GCATAGCTACGTGGTATGGTGATGCTAATGGCGCTGGAAGTGAAGGTGGTGCATG  
TGGGTACCAATATGCTGTTGACCAACCACCAATTCTCATCCTTGATTGCTGCCGGCA  
GCCCTTTCATCTATGACTCTGGCAACGGATGTGGCTCTTGCTATCAGGTGGTATGT  
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GCCCTGGTGGTGGTCCATGCCTGAGCCAAGCAAGTGATGGCATGTGCCTAAATGA  
GGGAGCCCACTTTGACATGAGTGGGACTGCATTTGGTGCCATGGCAAAGCCTGGA  
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GAACTATCTGGCTGTGCTGATCGAGTACGAGGACAGTGAAAGCGATCTTTCGGCC  
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CCAGGAGTGGTGGCGGCCGGATCCATGAGGCTGCTGGAACATTTAGCAGTTTGGT  
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### Nucleotide

>SbEXPB-02

CTCCGACCCCTCGGCCCTCGCGCTCGCAAGCTCCACTCTGCCCGTCGCAGCCCCTG  
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