

## IDENTIFICATION

**Species:** *Sorghum bicolor*

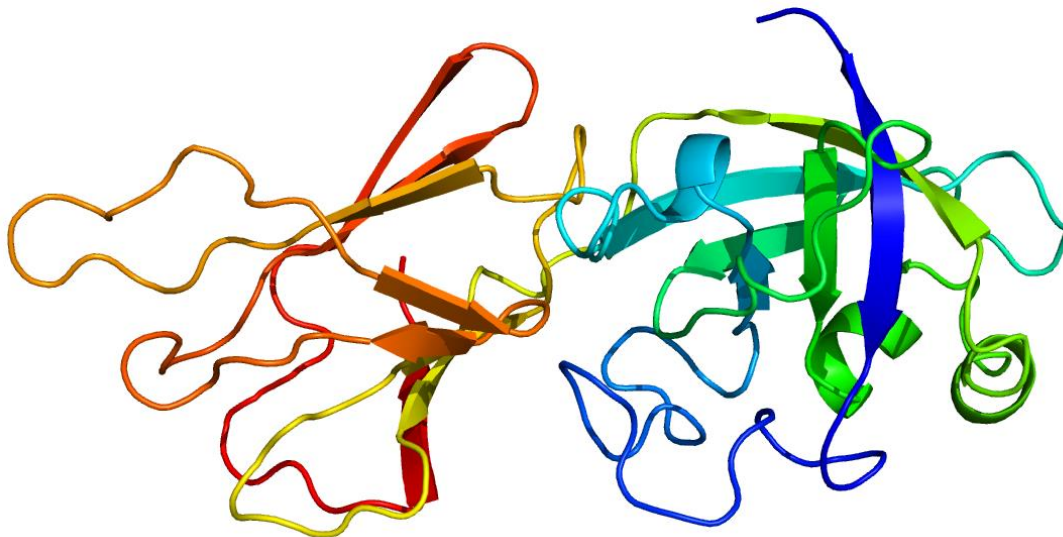
**Locus:** Sobic.001G155700

**Gene Model:** Sobic.001G155700.5.p

**Description:** SbEXPB-01

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

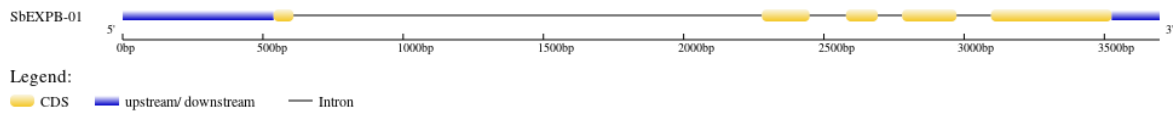
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sbicolor\\_v3\\_1\\_1](https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1)

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

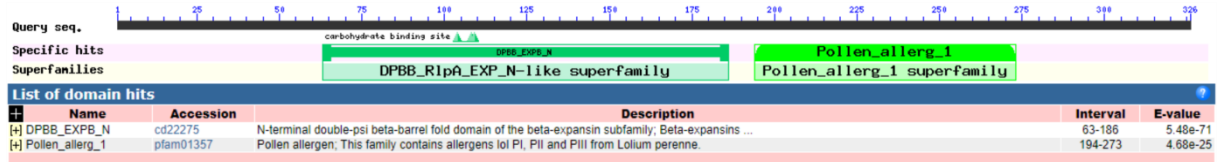
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbEXPB-01

MLCCA VGEQRK TDSQSTV VSKSGR VCCCMAS TLQLLFS IAITAL AFFLHPC ASTEFRR  
ELYGWS NGIATWY GAADGAG TDGGACGY QNAVDQ PPFSSM IAAGCSSI YDSGKGC  
SCYQVV CTGNEAC SGNPVT VVITDECP DCPDDQV HLDMSG TAFGAL AKPGQESQ  
LRGAGAI QIQYTR VQCEWPG VDVTF SVESG SNNPYL AVLIEY EDSDSD LYSVDIMQQ  
GQGGTT GQWVPM QQSWGAV WKINSG AVLQGP FNIRLTF SSGRVL VAGNAI PAGWN  
AGVAYR SGGVAV ARARPR SGVCRR YEAGAL HLFVLS VVLLML\*

### CDS (coding sequence)

>SbEXPB-01

ATGCTTTGTTGTGCTGTTGGTGAGCAGAGAAAGACGGATTACAGAGCACGGTGG  
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CCGCCGTGAGCTCTATGGTTGGTCCAATGGCATTGCTACATGGTATGGAGCAGCT  
GATGGTGCCGGA ACTGATGGTGGTGCTTGTGGATA ACCAGAATGCTGTGGACCAGC  
CACCTTCTCATCCATGATTGCCGCTGGCTGCTCTTCCATCTACGACTCTGGCAAG  
GGCTGTGGCTCTTGCTATCAGGTTGTATGCACCGGCAATGAGGCTTGCTCTGGTA  
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### Nucleotide

>SbEXPB-01

TCGCTTTCCACGCCATCTCTGAAATTTTCCAACAACAGCAAGCATAAACCCCGGC  
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