

## IDENTIFICATION

**Species:** *Sorghum bicolor*

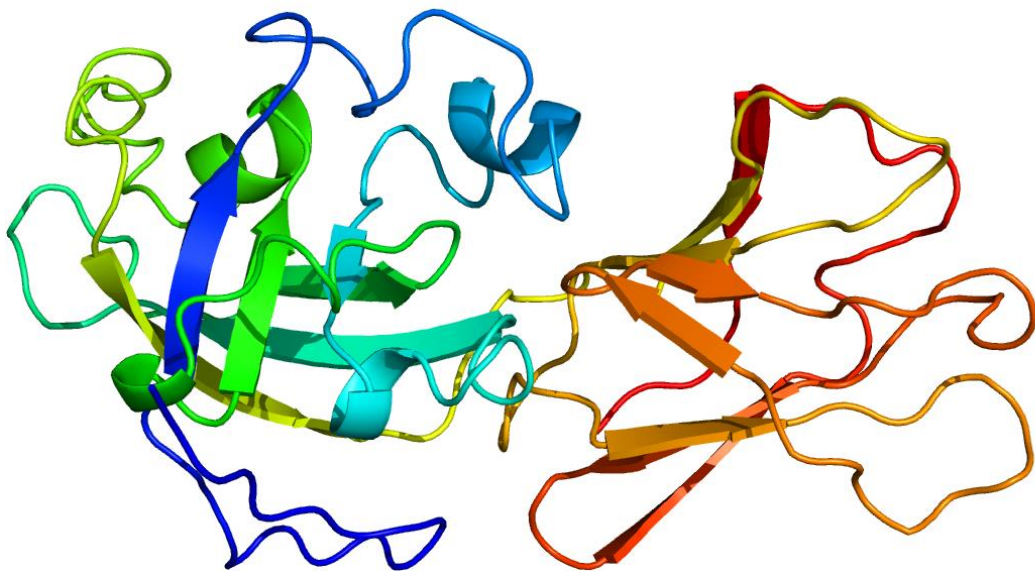
**Locus:** Sobic.002G124500

**Gene Model:** Sobic.002G124500.1.p

**Description:** SbEXPB-28

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

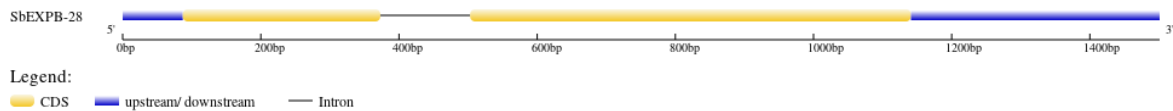
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sbicolor\\_v3\\_1\\_1](https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1)

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

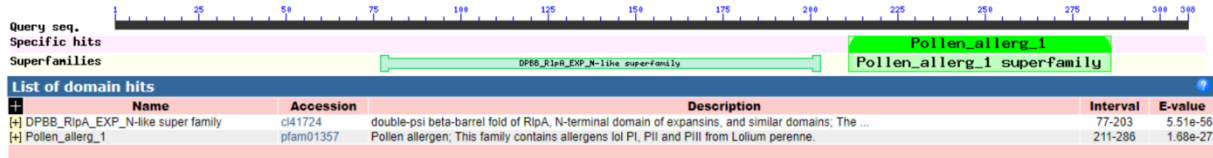
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbEXPB-28

MAAKLCTLLLA VVLSLLVSP IACSRKLSKTKPKTKPAARVIHKPAAAPAVKASHK  
PATPAKSHNTHTLYGSGGWLSGAGATYYGAPNGDGGEGGACGYQTA VGKQPFDS  
MIAAGSAPLYRGGEGCGACYEVKCTSNAACSGQPVTIVITDLSPGGLFPGEVAHFDM  
SGTAMGAMAKPGRGMADKVRAGGVVRVQYRRVPCCKYPGVNNAFKVDQGANPFYF  
NVLIEFEDDDGDL SAVDLMEAGSSVWTPMAHNWGATWRLNNGRRLRAPFGLRLTS  
DSGRVLVASNAIPAAWTPGKTYRSLVNYP\*

### CDS (coding sequence)

>SbEXPB-28

ATGGCGGCGAAGCTGTGCACATTACTGCTGGCTGCAGTGGTCGTGCTCTCACTTC  
TAGTGAGCCCCATTGCTTGCAGCCGCAAGCTCAGCAAGACCAAGCCCAAGACAA  
AGCCTGCAGCCAGAGTCATCCACAAGCCAGCGGCCGCGCCTGCTGTCAAAGCCA  
GCCACAAGCCGGCAACTCCTGCCAAGTCCCACACCAACCACCACTCTCTATGG  
CTCCGGCGGGCTGGCTGTCCGGCGCCGGCGCCACGTACTACGGCGCCCCTAACGGC  
GACGGCGGTGAAGGCGGCGCGTGC GGCTACCAGACCGCCGTCGGGAAGCAGCCG  
TTCGACTCGATGATCGCCGCGGGGAGCGCGCCGCTTTACAGGGGAGGCGAGGGC  
TGCGGCGCCTGCTACGAGGTGAAATGCACGAGCAACGCGGCGTGCTCCGGCCAG  
CCGGTGACCATCGTCATCACGGACCTGTCCCCGGGCGGGCTGTTCCCCGGGCGAGG  
TCGCGCACTTCGACATGAGCGGCACGGCCATGGGCGCCATGGCGAAGCCCGGGC  
GCGGCATGGCCGACAAGGTCCGCGCCGGCGGCGTCGTGAGGGTCCAGTACAGGA  
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CCAACCCGTTCTACTTCAACGTGCTCATCGAGTTCGAGGACGACGACGGCGACCT  
CAGCGCCGTCGACCTGATGGAGGCCGGCAGCAGCGTGTGGACGCCCATGGCGCA  
CAACTGGGGCGCAACGTGGCGCCTCAACAACGGCAGGAGGCTCAGAGCGCCGTT  
CGGGCTCCGGCTCACCTCCGACTCCGGCAGGGTGCTCGTCGCCAGCAACGCCATC  
CCGGCCGCGTGGACGCCCGGCAAGACCTACCGTTCCTTGGTCAACTACCCCTGA

### Nucleotide

>SbEXPB-28

ACCCCTCTCGTGCCCACTGCTGCAACAGAACAATCGAGCTAGCTCAGCAGATCTC  
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AACGTACAGGCGGCGCGTGC GGCTACCAGACCGCCGTCGGGAAGCAGCCGTTTCG  
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GCGCCTGCTACGAGGTGAAATGCACGAGCAACGCGGGCGTGTCCGGCCAGCCGG  
TGACCATCGTCATCACGGACCTGTCCCCGGGCGGGCTGTTCCCGGGCGAGGTCGC  
GCACTTCGACATGAGCGGCACGGCCATGGGCGCCATGGCGAAGCCCGGGCGCGG  
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