

## IDENTIFICATION

**Species:** *Sorghum bicolor*

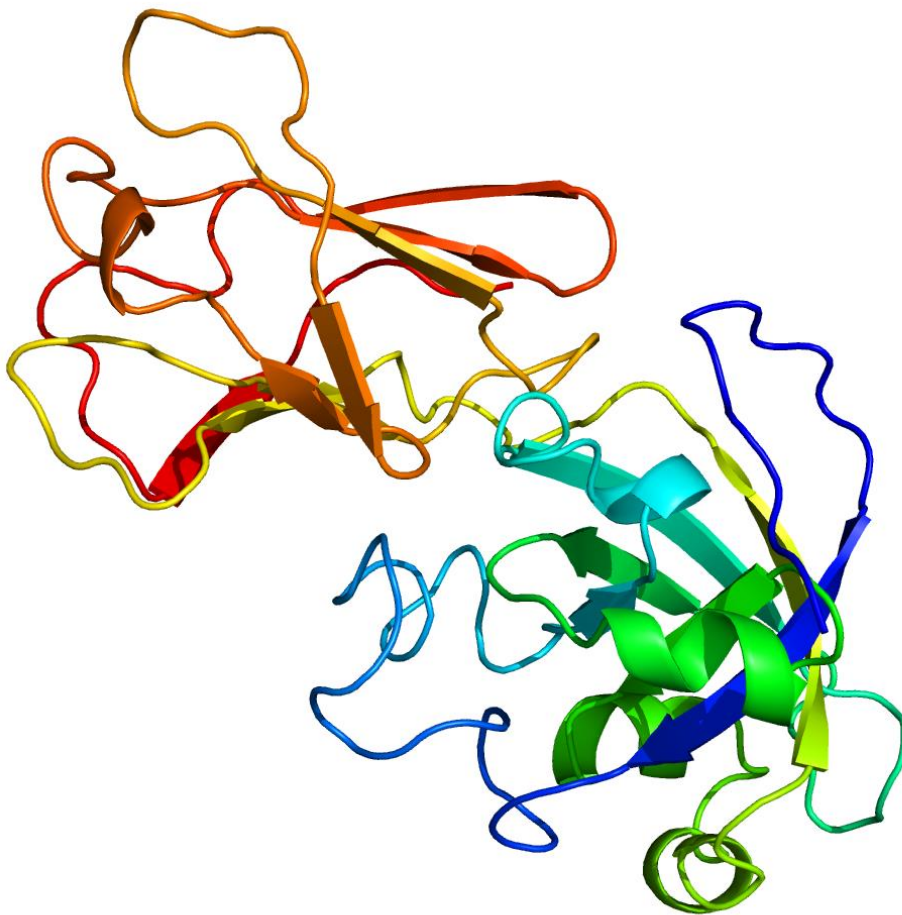
**Locus:** Sobic.004G294500

**Gene Model:** Sobic.004G294500.1.p

**Description:** SbEXPB-36

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

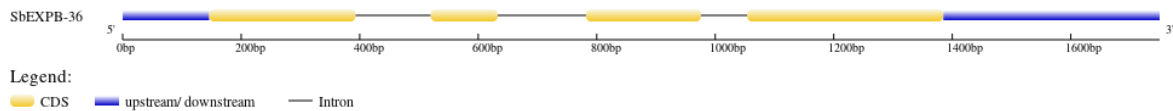
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sbicolor\\_v3\\_1\\_1](https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1)

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

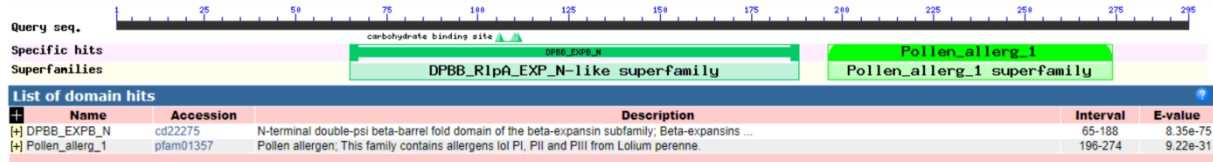
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbEXPB-36

MAKSCTFLFVALVLLLLVSPIACSRKLA KPNKHRPRHKPAVRARSSSNHTATPSMS  
DAYGSGGWLSAGATYYGAPDGDGSDGGACGYQTA V GQRPFSSMIAAGSPSLFKGG  
KGCGACYEVKCDGNAACSGQPATVVITDECPGGVCLAEAAHFDMSGTSMGAMAKP  
GMADKLRAAGILKVQYKRVPC KYSGVNIAFRVDQGSNPFYFEVLVEFEDGDGDLA  
VDLMEAGCGTWTMPVQNWGALWRYNSNTGKALKAPFSLRLTSDSGKVLVANNVIP  
AGWNP GATYRSLVNY S\*

### CDS (coding sequence)

>SbEXPB-36

ATGGCGAAGTCCTGCACCTTCTGTTTCGTCGCACTAGTCGTGCTCTTGCTTCTAGT  
GAGCCCCATTGCTTGCTCCCGCAAGCTCGCCAAGCCGAACAAGCACAGGCCGAG  
ACACAAGCCGGCAGTCAGGGCCCGCAGCAGCAACCACACTGCCACACCCCTC  
GATGTCCGACGCCTACGGCTCCGGCGGCTGGTTGTCCGCCGGCGCGACGTACTAC  
GGCGCACCCGACGGCGACGGCAGTGACGGCGGCGCGTGC GGCTACCAGACCGCC  
GTCGGGCAACGCCCTTCTCGTTCGATGATCGCCGCCGGTAGCCCGTTCGCTGTTCA  
AGGGAGGCAAGGGCTGTGGCGCTTGTACGAGGTTAAATGCGACGGCAACGCGG  
CATGCTCCGGCCAGCCGGCCACCGTGGTCATCACCGACGAGTGCCCCGGCGGTGT  
CTGCCTTGCCGAGGCGGCTCACTTCGACATGAGCGGCACCTCCATGGGCGCCATG  
GCGAAGCCCGGCATGGCCGACAAGCTTCGCGCCGCCGGTATCCTAAAGGTCCAGT  
ACAAGAGGGTGCCGTGCAAGTACAGCGGCGTGAACATCGCCTTCAGGGTGGACC  
AGGGCTCCAACCCATTCTACTTCGAGGTGCTGGTGGAGTTCGAGGACGGCGACGG  
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GGTGCAGAACTGGGGCGCGCTGTGGCGCTACAACTCCAACACCGGCAAGGCGCT  
CAAGGCGCCCTTCTCGTCCGCCTCACCTCCGACTCCGGCAAGGTGCTCGTCCG  
AACAACGTCATCCCCGCCGGCTGGAACCCCGGCGCCACGTACCGCTCCCTGGTGA  
ACTACTCCTAA

### Nucleotide

>SbEXPB-36

GCCGGATTCTTTTTTCCCCCTCCCACGTACGTCTTCGTTCCCAAGTCCCTATAAA  
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