

## IDENTIFICATION

**Species:** *Sorghum bicolor*

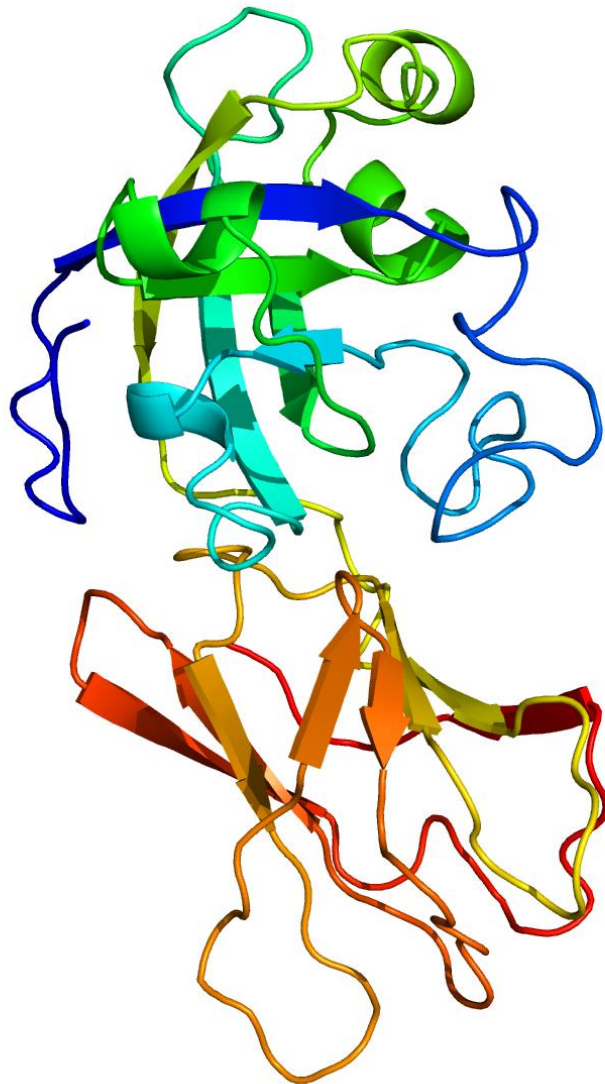
**Locus:** Sobic.004G227900

**Gene Model:** Sobic.004G227900.2.p

**Description:** SbEXPB-33

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

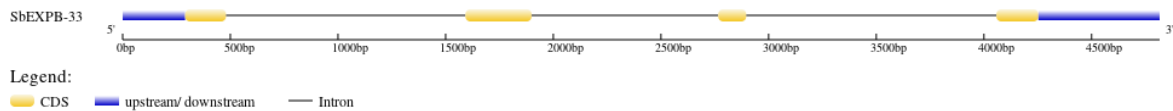
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sbicolor\\_v3\\_1\\_1](https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1)

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

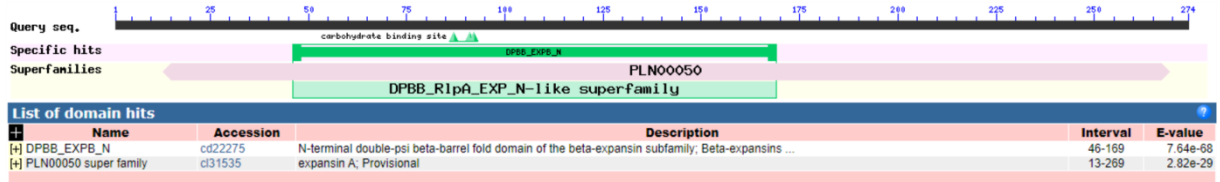
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbEXPB-33

MAAGASSSSSHAYGFSISAVLLASSFVCLFGSGEASGAAHRVVDPEWHPATATWYGS  
AEGDGSDDGACGYGTLVDVPMKARVGAVSPVLFKSGEGCGACYKVRCLDHGICS  
RRAVTVIVTDECPGGVCSGGRTHFDLSGAAFGR LAVAGAGGQLRNRGEINVVFRRT  
ACRYGGKNIAFHVNEGSTSFWLSLLVEFEDGDGDIGSMQLKQANSAQWRDMQHVW  
GATYSLTPGPLVGPFSVRLTTLSSKQTLTAQDVIPKNWAPKATYTSRLNFA\*

### CDS (coding sequence)

>SbEXPB-33

ATGGCCGCCGCGCCTCGAGCTCCTCTCACGCCTACGGCTTCTCCATCAGCGCGG  
TGCTCCTCGCATCGTCGTTTCGTGTGCCTCTTCGGCTCCGGGGAGGCTTCGGGGGCG  
GCGCACAGGGTGGTCGACCCCGAGTGGCACCCGGCCACCGCCACCTGGTACGGC  
AGCGCCGAGGGCGACGGCAGCGACGGCGGCGCGTGCGGGTACGGGACGCTGGTG  
GACGTGGTGCCGATGAAGGCGCGCGTGGGCGCCGTGAGCCCCGTGCTGTTCAAGT  
CCGGGGAGGGCTGCGGCGCCTGCTACAAGGTCCGGTGCCTGGACCACGGCATCT  
GCTCGCGCCGCGCCGTCACGGTCATCGTCACCGACGAGTGCCCTGGCGGGGTCTG  
CTCCGGCGGGCCGACGCACTTCGACCTCAGCGGCGCCGCGTTCGGCCGCTCGCC  
GTGGCCGCGCCGCGGCGGCCAGCTGCGCAACCGGGGCGAGATCAACGTCGTCTTC  
CGCAGGACGGCGTGCAGGTACGGGGGCAAGAACATCGCCTTCCACGTGAACGAG  
GGCTCCACTAGCTTCTGGCTCTCCCTCCTGGTTCGAATTTGAGGACGGCGACGGCG  
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AGCACGTCTGGGGGGCCACATATAGCCTCACCCCGGGCCCACTTGTCGGGGCCCTT  
CTCCGTGCGGCTGACGACCCTGTCCAGCAAGCAGACCCTTACGGCCAGGACGTC  
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AG

### Nucleotide

>SbEXPB-33

CATTATAAGTCCAGGCAGCCACCACCCTACTCGTGCATTCCCATTGTCCCTTCCC  
CGCCATTTGTGCAGGGAGGCAAGCTCTGAGCACTCAGAGCACATCGGGAACTGG

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