

## IDENTIFICATION

**Species:** *Sorghum bicolor* Rio

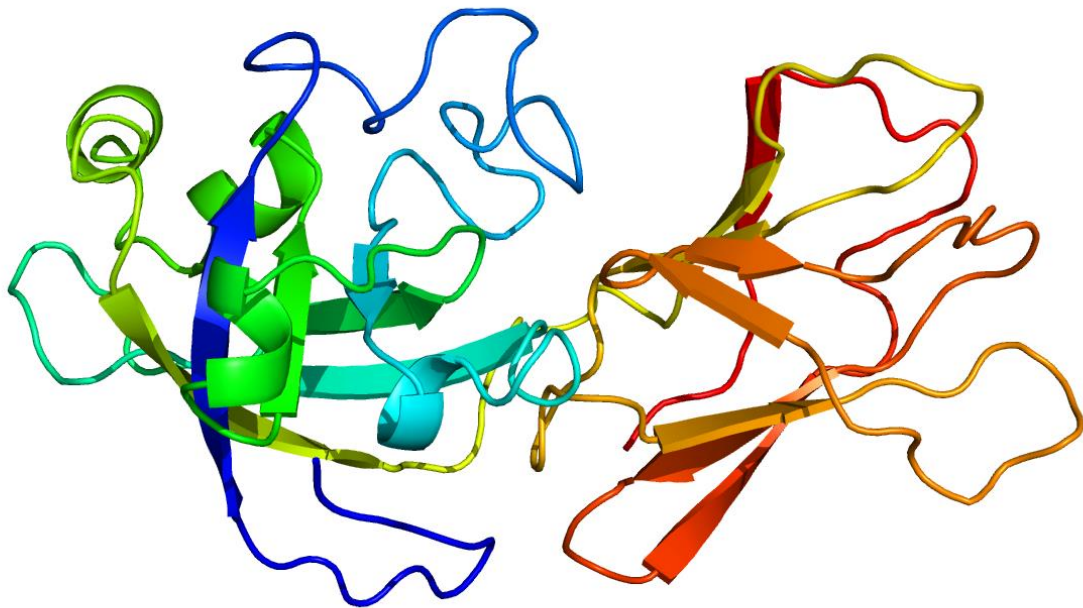
**Locus:** SbRio.04G242800

**Gene Model:** SbRio.04G242800.1.p

**Description:** SbrEXPB-28

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

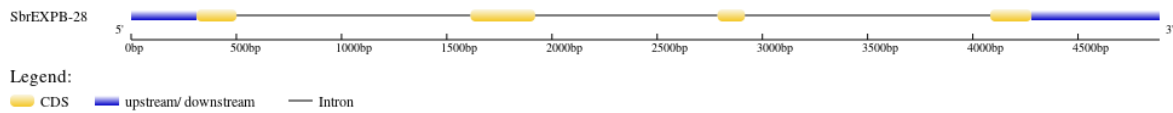
Phytozome: [https://phytozome-next.jgi.doe.gov/info/SbicolorRio\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1)

KEGG:-

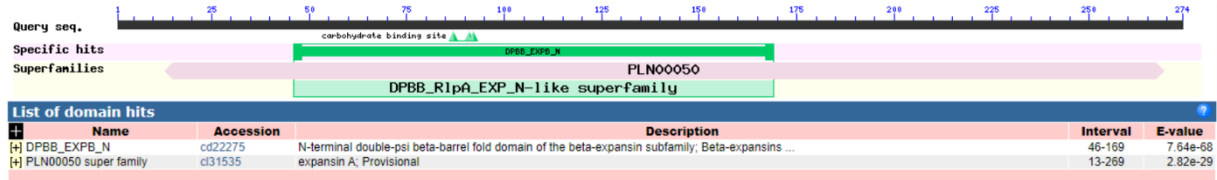
## EXTERNAL RESOURCES

<https://www.sorghumbase.org/post/sorghum-bicolor-rio>

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbrEXPB-28

MAAGASSSSSHAYGFSISAVLLASSFVCLFGSGEASGAAHRVVDPEWHPATATWYGS  
AEGDGSDDGGACGYGTLVDVVPVKARVGA VSPVLFKSGEGCGACYKVRCLDHGICS  
RRAVTVIVTDECPGGVCSGGRTHFDLSGAAFGR LAVAGAGGQLRNRGEINVVFRRT  
ACRYGGKNIAFHVNEGSTSFWLSLLVEFEDGDGDIGSMQLKQANSAQWRDMQHWV  
GATYSLTPGPLVGPFSVRLTTLSSKQTLTAQDVIPKNWAPKATYTSRLNFA\*

### CDS (coding sequence)

>SbrEXPB-28

ATGGCCGCCGCGCCTCGAGCTCCTCTCACGCCTACGGCTTCTCCATCAGCGCGG  
TGCTCCTCGCATCGTCGTTTCGTGTGCCTCTTCGGCTCCGGGGAGGCTTCGGGGGCG  
GCGCACAGGGTGGTCGACCCCGAGTGGCACCCGGCCACCGCCACCTGGTACGGC  
AGCGCCGAGGGCGACGGCAGCGACGGCGGCGCGTGCGGGTACGGGACGCTGGTG  
GACGTGGTGCCGATGAAGGCGCGCGTGGGCGCCGTGAGCCCCGTGCTGTTCAAGT  
CCGGGGAGGGCTGCGGCGCCTGCTACAAGGTCCGGTGCCTGGACCACGGCATCT  
GCTCGCGCCGCGCCGTCACGGTCATCGTCACCGACGAGTGCCCTGGCGGGGTCTG  
CTCCGGCGGCCGACGCACTTCGACCTCAGCGGCGCCGCGTTCGGCCGCTCGCC  
GTGGCCGCGCCGCGGCCAGCTGCGCAACCGGGGCGAGATCAACGTCGTCTTC  
CGCAGGACGGCGTGCAGGTACGGGGGCAAGAACATCGCCTTCCACGTGAACGAG  
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CTCCGTGCGGCTGACGACCCTGTCCAGCAAGCAGACCCTTACGGCCAGGACGTC  
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AG

### Nucleotide

>SbrEXPB-28

TACGGCCCTTGCTCTTGTCCACATTATAAGTCCAGGCAGCCACCACCCTACTCGT  
GCATTCCCATTGTCCCTTCCCCGCCATTTGTGCAGGGAGGCAAGCTCTGAGCACTC

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