

## IDENTIFICATION

**Species:** *Sorghum bicolor* Rio

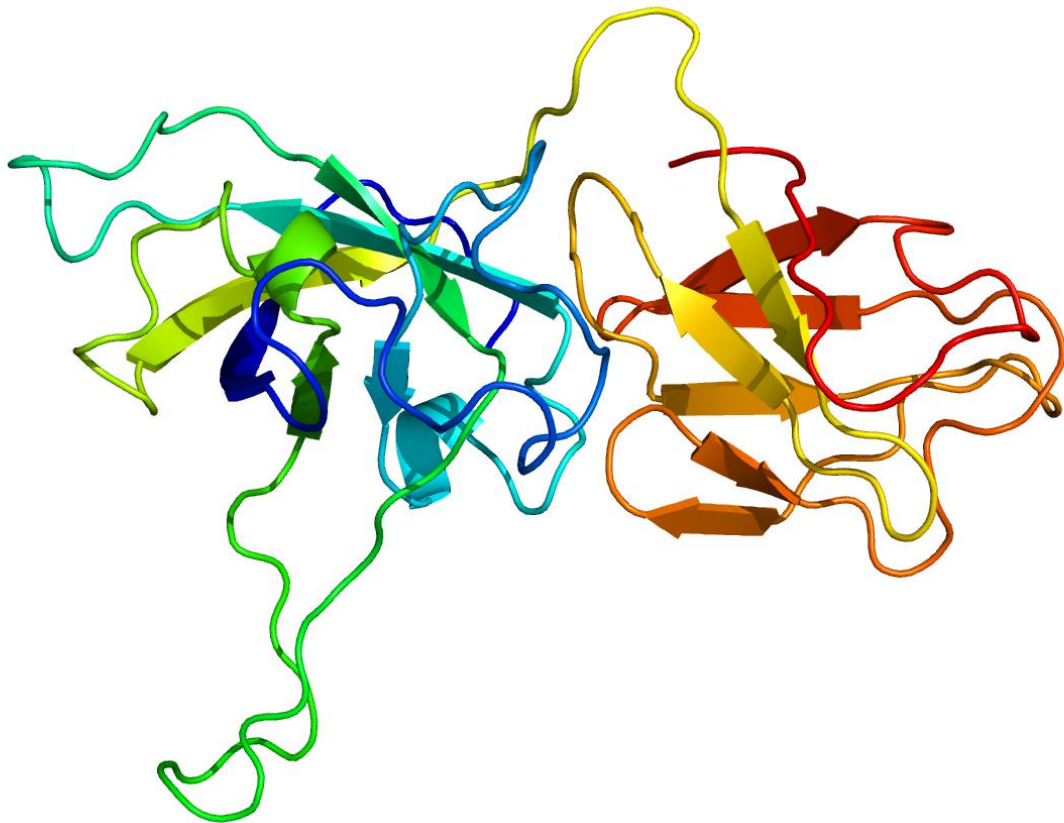
**Locus:** SbRio.03G365700

**Gene Model:** SbRio.03G365700.1.p

**Description:** SbrEXPA-14

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

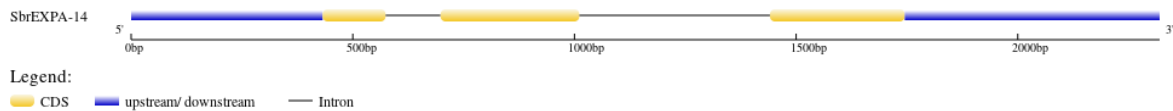
Phytozome: [https://phytozome-next.jgi.doe.gov/info/SbicolorRio\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1)

KEGG:-

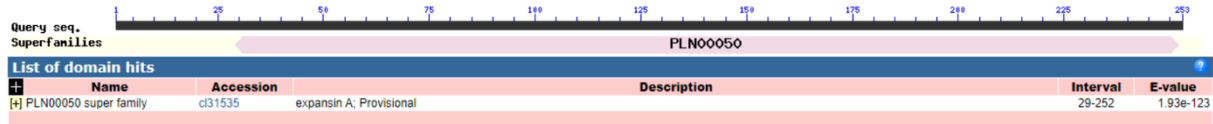
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbrEXPA-14

MAAAANVLLLLLSTFCFLAHRAAGDYGGWQSAHATFYGGGDASGTMGGACGYG  
NMYSTGYGTNTAALSTALFNDGAACGSCYELRCDNDGQSLPGTITVTATNFCPPNY  
GLPSDDGGWCNPPRPHFDMAQPAFLQIAQYRAGIVPVA YRRVPCVKKGGIRFTINGH  
SYFNLVLTNVAGAGDVQSVSIKGSSTGWQPMSRNWQNWQSNLLDGQSLSFQVT  
ASDGRTVTSNGVAPAGWQFGQTFEGAQF\*

### CDS (coding sequence)

>SbrEXPA-14

ATGGCAGCAGCTGCCAACGTCCTGCTCCTCCTGCTCTGCTCAACCTTCTGCTTCT  
TGCCACCGGGCGGCCGCGACTATGGCGGCTGGCAGAGCGCCACGCCACGTT  
CTACGGCGGGCGGCGACGCGTCCGGCACAATGGGCGGCGCGTGTGGGTACGGGAA  
CATGTACAGCACGGGGTACGGCACGAACACGGCGGGCGCTGAGCACGGCGCTGTT  
CAACGACGGCGCGGCGTGCGGGTCTGCTACGAGCTGCGCTGCGACAACGACGG  
GCAGTCGTGCCTGCCGGGCACCATCACCGTGACGGCCACCACTTCTGCCCGCCC  
AACTACGGCCTCCCCAGCGACGACGGCGGCTGGTGCAACCCGCCGCGCCCGCACT  
TCGACATGGCGCAGCCGGCCTTCTCCAGATCGCGCAGTACCGCGCCGGCATCGT  
GCCCGTCGCCTACAGGAGGGTGCCGTGCGTGAAGAAGGGCGGGATCCGGTTCAC  
CATCAACGGCCACTCCTACTTCAACCTGGTGCTGGTGACCAACGTGGCCGGCGCC  
GGGACGTGCAGTCCGTCTCCATCAAGGGCTCCAGCACCGGGTGGCAGCCCATGT  
CCCGAACTGGGGCCAGA ACTGGCAGAGCAACTCGCTCCTCGACGGCCAGAGCC  
TCTCCTTCCAGGTCACCGCCAGCGACGGCCGCACCGTCAACAGCAACGGCGTCGC  
GCCGGCGGGCTGGCAGTTCGGCCAGACCTTCGAGGGCGCCAGTTCTAG

### Nucleotide

>SbrEXPA-14

ACCCATGCCTTGCAGTCTCGCGAGAGAGCCAGCCATGTGGGCGTGATGCTGGGCC  
TGTCCGGTCTGTACACGCACGAGCAGTTGGCGTCGTCGCTACTTGC GCGCCCT  
AGCGACGAGCACACTTGCATGTGCGCCTGATTCGTATGTGCTAACCGCCGTCGTG  
TACCGCGGCGATCGTGGTTCGGCGCTCGCCGGCGGGGGTAGCACCCAGTCCCCACC  
TCCCTTTATCTCTTTTGTCTCGACGAATTCCTGCCCTCCACGAACGTTATTAAC  
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ATGTGCATGCGTGGTCTGATGTGGT  
GAGTCCGTGAGTGGTCAATTTCAA  
AATTTGTTCCAGC