

## IDENTIFICATION

**Species:** *Sorghum bicolor* Rio

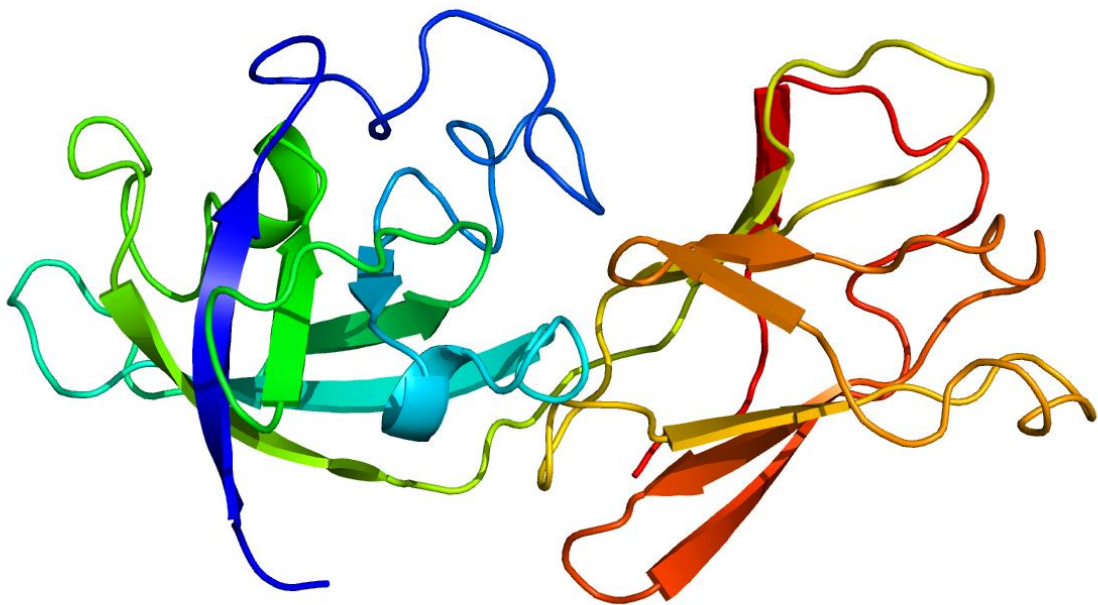
**Locus:** SbRio.01G337500

**Gene Model:** SbRio.01G337500.1.p

**Description:** SbrEXPA-07

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

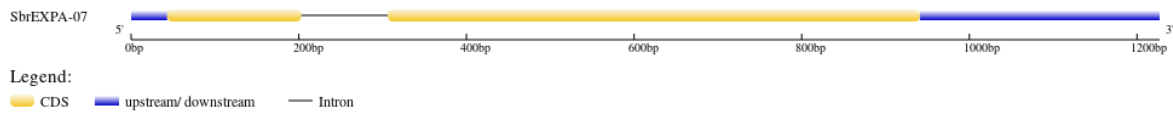
Phytozome: [https://phytozome-next.jgi.doe.gov/info/SbicolorRio\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1)

KEGG:-

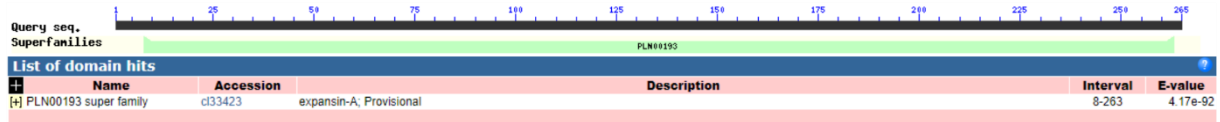
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbrEXPA-07

MASPSTGTAFLLALVIIFLALLCAATTANARFTAMQWTPAHATFYGDETA AETMGGACGYGNLYATGYGTDTAALSTTLFKDGHGCGTCYQIRCTGSPWCYAGSPSITVTATNL CPPNWAQDTNNGGWCNPPRTHFDLSKPAFMKMAQWRAGIVPVMYRRVPCVRRGG LRFALQGNPYWLLAYVMNVGGAGDVVEMWVKSGTSSCAWIRMTHNWGAAYQAF AQLGGKALSFKVTSYTTRQTIVATNVAPANWGLGLTYQARVNF\*

### CDS (coding sequence)

>SbrEXPA-07

ATGGCTTCTCCCTCCACAGGCACGGCCTTCTTGGCCCTCGTCATCATCTTCTTGGC TTTGCTATGTGCGGCCACCACGGCGAACGCGAGGTTACGGCGATGCAGTGGACT CCGGCGCACGCCACCTTCTACGGCGACGAGACCGCAGCGGAGACCATGGGTGGG GCGTGCGGATATGGCAACCTGTACGCGACCGGGTACGGCACGGACACGGCGGGC CTGAGCACGACGCTGTTCAAGGACGGGCACGGTTGCGGGACGTGCTACCAGATC CGGTGACGGGTTCCCCGTGGTGCTACGCCGGCTCGCCGTCGATCACGGTGACGG CCACCAACCTGTGCCCGCCCAACTGGGCGCAGGACACCAACAACGGCGGGTGGT GCAACCCGCCGCGCACCCACTTCGACCTCTCCAAGCCGGCCTTCATGAAGATGGC GCAGTGGCGCGCCGGGATCGTGCCCGTCATGTACCGCCGCGTGCCCTGCGTGCGC AGGGGCGGCCTCCGGTTCGCGCTCCAGGGGAACCCTTACTGGCTGCTGGCGTACG TGATGAACGTCGGCGGGCGCCGGCGACGTCGTCGAGATGTGGGTGAAGAGCGGCA CGTCGTCTGCGCGTGGATACGGATGACCCACAACCTGGGGCGCCGCGTACCAGGC GTTCGCGCAGCTCGGCGGCAAGGCGCTCAGCTTCAAGGTCACCTCCTACACCACC CGGCAGACCATCGTCGCCACCAACGTCGCGCCGGCGAACTGGGGCCTGGGGCTC ACGTACCAGGCCCGCGTCAACTTCTCCTGA

### Nucleotide

>SbrEXPA-07

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CAAGGCGCTCAGCTTCAAGGTCACCTCCTACACCACCCGGCAGACCATCGTCGCC  
ACCAACGTCGCGCCGGCGAACTGGGGCCTGGGGCTCACGTACCAGGCCCGCGTC  
AACTTCTCCTGAGAGCGCAGCAGATCACGTCGATTTGCAACTGAAGCTGCAGGGG  
CTGCCAACGCTCTGCTCTGCTTTCGTAGTTTTATTTCGACAATCGTAGAGTTAGCA  
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