

## IDENTIFICATION

**Species:** *Sorghum bicolor* Rio

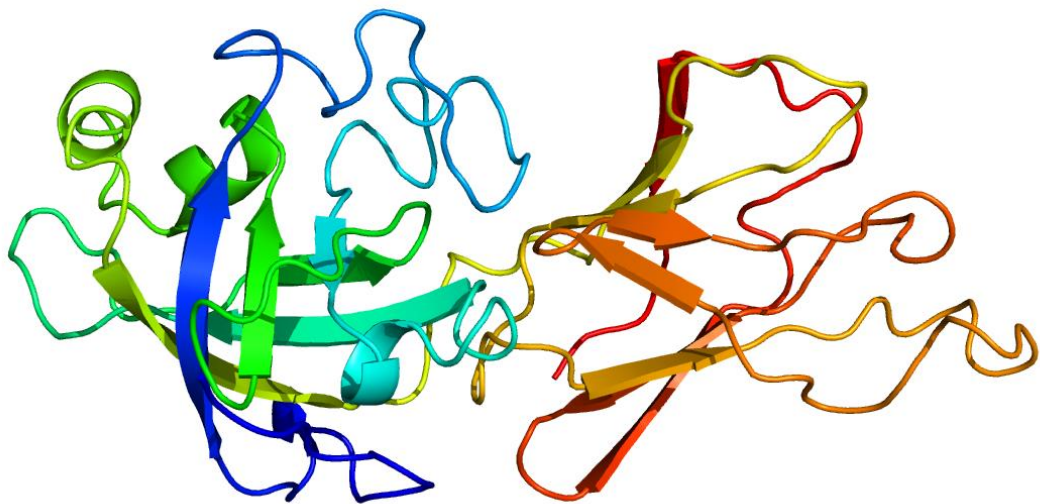
**Locus:** SbRio.01G579100

**Gene Model:** SbRio.01G579100.1.p

**Description:** SbrEXPB-22

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

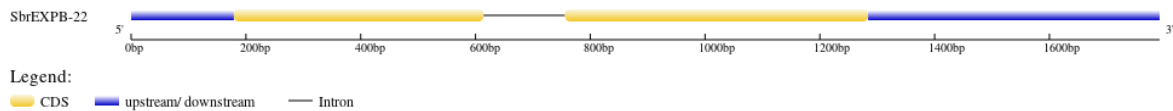
Phytozome: [https://phytozome-next.jgi.doe.gov/info/SbicolorRio\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1)

KEGG:-

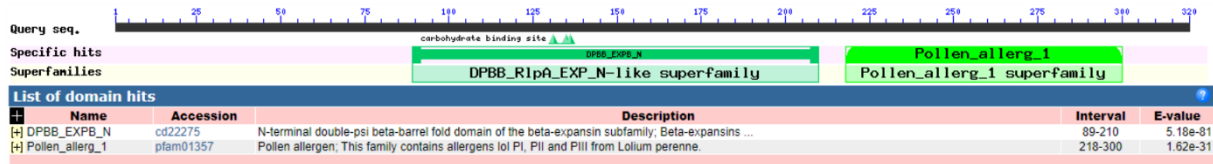
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbrEXPB-22

MAVRLWWSSSLSSRAVAAALLCLLVAHGSNCAKHSGGKSHKGGGGHAAHAAPTPSP  
 PAAPPPAVVYPTPTTPPPPPASSSNGSGGGGGWLNARATWYGAPNGAGPDDNGGA  
 CGFKGVNLPFSAMTSCGNEPLFKDGKGCSCYQIRCKAHPACSGVPETVIITDMNY  
 YPVAPYHFDLSGTAFGAMAKDDRNDELRHAGIIDIQFKRVPCQYPGLTVTFHIERGSN  
 PNYLAVLVEYGNLGDVQVQDLMESRTDDGEPTGVWEPMRESWGSIWMDTRRPL  
 QGPFSLRVTNESGKTLVADQVIPADWQPDNVYSSIVQFD\*

### CDS (coding sequence)

>SbrEXPB-22

ATGGCGGTACGACTGTGGTGGTCGTCGTCCTTGTCTCCCGCGCCGTCGCTGCAG  
 CGCTGCTGTGCCTGCTGGTGGCTCACGGCAGCAACTGCGCCAAGCATTCCGGCGG  
 CAAGAGCCACAAGGGTGGAGGTGGACATGCCATGCCGCGCCGACCCCTTCTCC  
 GCCGGCGGCTCCTCCACCAGCCGTCGTCTACCCGACGCCGCCACCCTCCTCCG  
 CCTCCGCCGGCAAGCAGCAGCAACGGCAGTGGTGGTGGTGGTGGGTGGCTGAAC  
 GCCCGTGCACATGGTACGGCGCCCCAACGGGGCGGGGCCGACGACAATGGT  
 GGCGCGTGCGGCTTCAAGGGCGTCAACCTCCCACCTTTCTCGGCGATGACGTCCT  
 GCGGCAACGAGCCACTCTTCAAGGACGGCAAAGGATGCGGCTCATGCTACCAGA  
 TCCGTTGCAAGGCCACCCTGCTTGCTCCGGCGTGCCGGAGACGGTGATCATCAC  
 GGACATGAATACTACCCCGTGGCCCCCTACCACTTCGACCTCAGCGGCACCGCC  
 TTCGGAGCCATGGCCAAAGACGACCGCAACGACGAGCTGCGCCACGCAGGCATC  
 ATCGACATCCAGTTCAAGAGGGTTCCCTGCCAGTACCCTGGCCTCACCGTCACCT  
 TCCACATCGAGCGCGGCTCCAACCCAAACTACCTGGCCGTGCTCGTTCGAGTACGG  
 CAACGGCGACGGCGACGTCGTGCAGGTCGACCTCATGGAGTCCCGCACCGACGA  
 CGGCGAGCCACCGGCGTGTGGGAGCCCATGCGCGAGTCCTGGGGCTCCATCTGG  
 AGGATGGACACGCGACGCCCGCTGCAGGGACCCTTCTCGCTGCGCGTACCAACG  
 AGTCCGGCAAGACGCTCGTCGCCGACCAGGTCATCCCAGCCGACTGGCAGCCAG  
 ACAACGTCTACAGCTCTATCGTCCAGTTCGACTGA

## Nucleotide

>SbrEXPB-22

GTGGCCGCGATGCAATCCCGCCGGCTGGCCTCATGCATGTCTCCTATATATATAT  
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CCGACGACAATGGTGGCGCGTGCGGCTTCAAGGGCGTCAACCTCCACCTTTCTC  
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