

## IDENTIFICATION

**Species:** *Sorghum bicolor* Rio

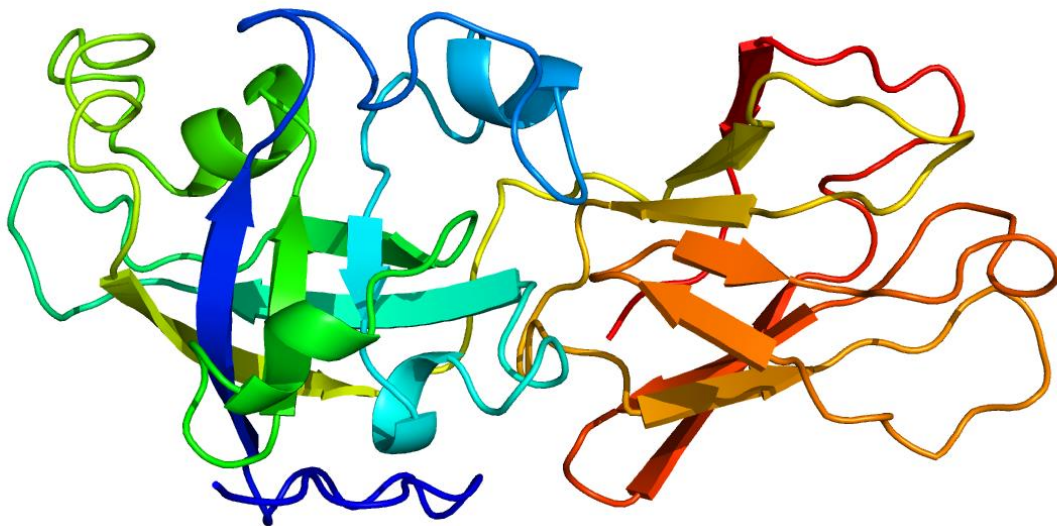
**Locus:** SbRio.02G130700

**Gene Model:** SbRio.02G130700.1.p

**Description:** SbrEXPB-25

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

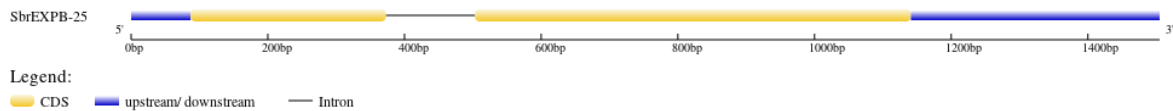
Phytozome: [https://phytozome-next.jgi.doe.gov/info/SbicolorRio\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1)

KEGG:-

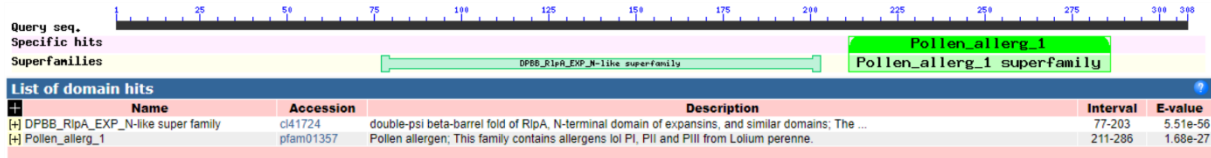
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbrEXPB-25

MAAKLCTLLLA VVLSLLVSP IACSRKLSKTKPKTKPAARVIHKPAAAPAVKASHK  
 PATPAKSHNTHTLYGSGGWLSGAGATYYGAPNGDGGEGGACGYQTA VGKQPFDS  
 MIAAGSAPLYRGGEGCGACYEVKCTSNAACSGQPVTIVITDLSPGGLFPGEVAHFDM  
 SGTAMGAMAKPGRGMADKVRAGGVVRVQYRRVPCKYPGVNVAFKVDQGANPFYF  
 NVLIEFEDDDGDL SAVDLMEAGSSVWTPMAHNWGATWRLNNGRRLRAPFGLRLTS  
 DSGRVLVASNAIPAAWTPGKTYRSLVNYP\*

### CDS (coding sequence)

>SbrEXPB-25

ATGGCGGCGAAGCTGTGCACATTACTGCTGGCTGCAGTGGTCGTGCTCTCACTTC  
 TAGTGAGCCCCATTGCTTGCAGCCGCAAGCTCAGCAAGACCAAGCCCAAGACAA  
 AGCCTGCAGCCAGAGTCATCCACAAGCCAGCGGCCGCGCCTGCTGTCAAAGCCA  
 GCCACAAGCCGGCAACTCCTGCCAAGTCCCACACCAACCACACCCTCTCTATGG  
 CTCCGGCGGCTGGCTGTCCGGCGCCGGCGCCACGTACTACGGCGCCCCTAACGGC  
 GACGGCGGTGAAGGCGGCGCGTGC GGCTACCAGACCGCCGTCGGGAAGCAGCCG  
 TTCGACTCGATGATCGCCGCGGGGAGCGCGCCGCTTTACAGGGGAGGCGAGGGC  
 TCGCGCCTGCTACGAGGTGAAATGCACGAGCAACGCGGCGTGCTCCGGCCAG  
 CCGGTGACCATCGTCATCACGGACCTGTCCCCGGGCGGGCTGTTCCCCGGGCGAGG  
 TCGCGCACTTCGACATGAGCGGCACGGCCATGGGCGCCATGGCGAAGCCCGGGC  
 GCGGCATGGCCGACAAGGTCCGCGCCGGCGGCGTCGTGAGGGTCCAGTACAGGA  
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 CAACTGGGGCGCAACGTGGCGCCTCAACAACGGCAGGAGGCTCAGAGCGCCGTT  
 CGGGCTCCGGCTCACCTCCGACTCCGGCAGGGTGCTCGTCGCCAGCAACGCCATC  
 CCGGCCGCGTGGACGCCCGGCAAGACCTACCGTTCCTTGGTCAACTACCCCTGA

## Nucleotide

>SbrEXPB-25

ACCCCTCTCGTGCCCACTGCTGCAACAGAACAATCGAGCTAGCTCAGCAGATCTC  
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GCGCCTGCTACGAGGTGAAATGCACGAGCAACGCGGCGTGCTCCGGCCAGCCGG  
TGACCATCGTCATCACGGACCTGTCCCCGGGCGGGCTGTTCCCGGGCGAGGTCGC  
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