

## IDENTIFICATION

**Species:** *Sorghum bicolor* Rio

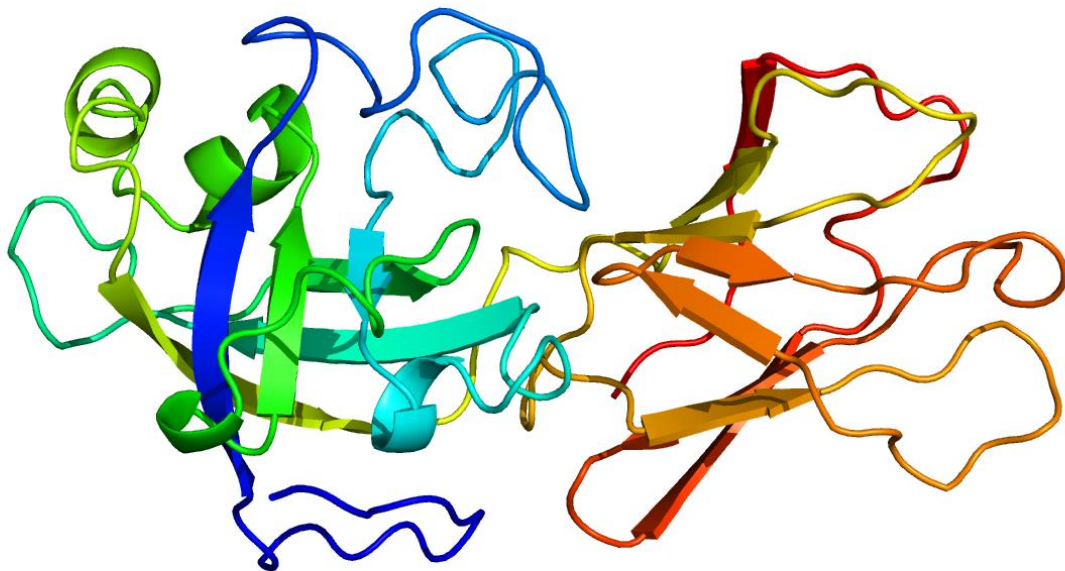
**Locus:** SbRio.02G130900

**Gene Model:** SbRio.02G130900.1.p

**Description:** SbrEXPB-26

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

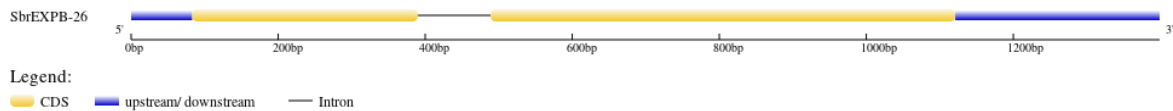
Phytozome: [https://phytozome-next.jgi.doe.gov/info/SbicolorRio\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1)

KEGG:-

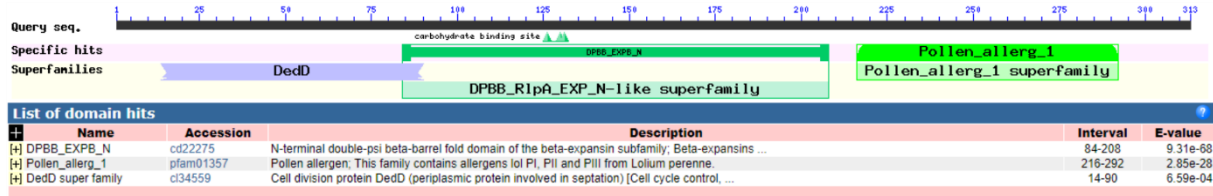
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbrEXPB-26

MAKLCTLLLA AVVVL SLLV SPIACNRKFSKPKPKPASHRRPVTA VKPKPKPVSYKPAP  
 VAAKPPRSNHTATPRPSPIVYGSGGWL SGAGATYYGATNGDGS DGGACGYQTA VGK  
 KPFDSMIAAGSTPLYKGGEGCGACYEVKCKTNAACSGQPVTIVITDQSPGDLFPGEVE  
 HFDMSGTAMGAMARPGMADKLRAGGVLRLILYRRVPCKYPGVNVAFKVDQGANPF  
 YFDVLIEFEDDDGDLKAVDLMEAGSSVWTPMAHNWGATWRLNNGRRLRAPFGLRL  
 TSDSGRVLVANNAIPAAWKPGKAYRSLVNYP\*

### CDS (coding sequence)

>SbrEXPB-26

ATGGCGAAGCTTTGCACTTTGCTGTTGGCCGCAGTGGTGGTCCTGTCACCTCCTAGT  
 GAGCCCCATTGCCTGCAACCGAAAGTTCAGCAAGCCCAAGCCAAAGCCGGCCAG  
 CCACAGGCGGCCGGTGACTGCGGTCAAGCCAAAGCCAAAACCGGTCAGCTACAA  
 GCCGGCGCCTGTGGCGGCCAAACCTCCCCGCAGCAACCACACTGCTACACCCAGG  
 CCATCGCCGATCGTCTACGGCTCCGGTGGCTGGCTGTCAGGCGCCGGCGCCACGT  
 ACTACGGCGCGACCAACGGCGACGGGAGCGACGGCGGGCGCGTGC GGCTACCAGA  
 CTGCTGTCGGGAAGAAGCCGTTGACTCGATGATCGCCGCCGGGAGCACGCCACT  
 GTACAAGGGTGGCGAGGGCTGCGGCGCCTGCTACGAGGTGAAATGCAAGACCAA  
 CGCCGCGTGCTCCGGCCAGCCCGTGACCATCGTAATCACCGACCAGTCCCCTGGC  
 GATCTGTTCCCCGGCGAGGTTGAGCACTTTGACATGAGCGGCACCGCCATGGGCG  
 CCATGGCGCGGCCCGGCATGGCCGACAAGCTCCGCGCTGGCGGGCGTGCTCAGGA  
 TCCTGTACAGGAGGGTGCCGTGCAAGTACCCCGGCGTGAACGTCGCGTTCAAGGT  
 GGACCAGGGCGCGAACCCGTTCTACTTCGACGTGCTGATCGAGTTCGAGGACGAC  
 GACGGCGACCTCAAGGCCGTCGACCTGATGGAGGCCGGCAGCAGCGTGTGGACA  
 CCCATGGCGCACAACTGGGGCGCGACGTGGCGCCTCAACAACGGCAGGAGACTC  
 AGAGCGCCGTTCCGGGCTCCGGCTCACCTCCGACTCCGGCAGGGTGCTCGTCGCCA  
 ACAACGCCATCCCCGGCCGCGTGGAAGCCCGGCAAGGCCTACCGTTCCTTGGTCAA  
 CTACCCCTGA

## Nucleotide

>SbrEXPB-26

GCCACCGTTGCAGCTCACCGAAGAACAGTCGAGCTTACCAGCTCATCTGAAAGCT  
GTGAACTTCGAGCTTAAAAACAGCAGCAATGGCGAAGCTTTGCACTTTGCTGTTG  
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TCAGCAAGCCCAAGCCAAAGCCGGCCAGCCACAGGCGGCCGGTGACTGCGGTCA  
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GCGTGCGGCTACCAGACTGCTGTCGGGAAGAAGCCGTTTCGACTCGATGATCGCCG  
CCGGGAGCACGCCACTGTACAAGGGTGGCGAGGGCTGCGGCGCCTGCTACGAGG  
TGAAATGCAAGACCAACGCCGCGTGCTCCGGCCAGCCCGTGACCATCGTAATCAC  
CGACCAGTCCCCTGGCGATCTGTTCCCCGGCGAGGTTGAGCACTTTGACATGAGC  
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AACGTGCGGTTCAAGGTGGACCAGGGCGCGAACCCGTTCTACTTCGACGTGCTGA  
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AATGTTGCATGCCAATGCATGTTATGTGCTT