

## IDENTIFICATION

**Species:** *Sorghum bicolor* Rio

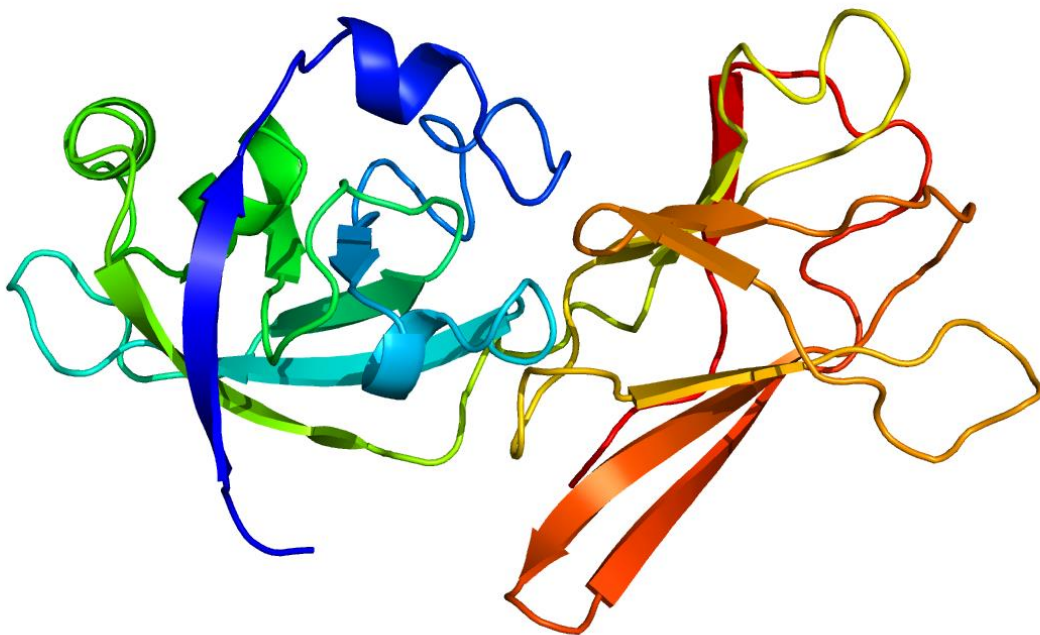
**Locus:** SbRio.01G551600

**Gene Model:** SbRio.01G551600.1.p

**Description:** SbrEXLA-02

**Family:** Expansin Like Alpha

**3D structure:**



## GENOME DATABASES

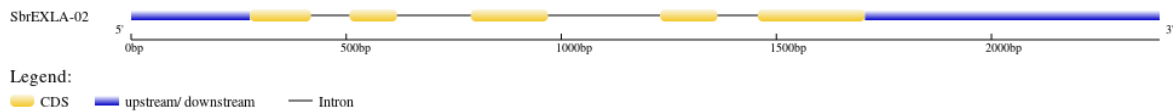
Phytozome: [https://phytozome-next.jgi.doe.gov/info/SbicolorRio\\_v2\\_1](https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1)

KEGG:-

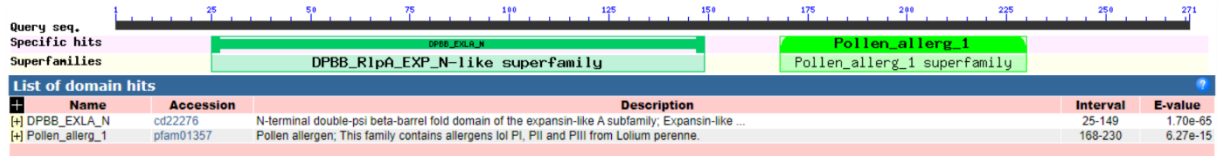
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbrEXLA-02

MAALTAASTTLPLLLLVLWLPLLASACDRCVRHKAAYYTSSLTLAGGSCGYGTE  
AASFSAFLAAASPALYRAGVGCACFQVRCKDKLCAAAGARVVVTDRARTNRT  
DLVLSSTAFAMARPGVAKRLAALRTVDVEYKRVPCYKHRNLSVRVEDKSRAPGD  
LAIRFLYQGGQTDIVAVDVAQVGSSNWKFMTDNGPAWSTSQAPPGLQLRVVVTG  
GYDGKWWADREVLPRRWRAGEVYDTGVQITDIAQEGCFPCDTHEWE\*

### CDS (coding sequence)

>SbrEXPA-02

ATGGCCGCCCTCACCGCCGCTCCACCACGCTCCCGCTGCTGCTCCTCGTCTGGCT  
ATGGCTCCCGCTCCTCGCGTCCGCCTGCGACCGCTGCGTGCGCCACTCCAAGGCC  
GCCTACTACACCTCCTCGCTCACCTCGCCGGTGGCTCCTGCGGGTACGGCACCG  
AGGCCGCCCTCCTCAGCGCCGGCTTCTCGCCGCCGCCAGCCCCGCGCTGTACCG  
CGCCGGCGTTCGGCTGCGGCGCCTGCTTCCAGGTGCGGTGCAAGGACAAGAAGCT  
CTGCGCCGCGGGCGGCCAGGGTGGTGGTCACGGACCGCGCCAGGACCAACCG  
CACCGACCTCGTGCTCAGCAGCACCGGTTTCGCGGCCATGGCGCGCCCCGGCGTG  
GCCAAACGTCTCGCCGCCCTCCGCACCGTCGACGTCGAGTACAAAAGGGTGCCGT  
GCGAGTACAAGCACAGGAACCTGTTCGGTGGAGGTGGAGGACAAGAGCCGCGCTC  
CGGGCGACCTCGCCATCAGGTTCTCTACCAGGGCGGCCAGACCGACATCGTCGC  
CGTCGACGTCGCGCAGGTGGGTTTCGTCCAAGTTCATGACGCGCGACAAC  
GGGCCGGCGTGGAGCACGAGCCAGGCGCCGGGGCCGCTCCAGCTCAGGGTG  
GTGGTGACGGGCGGCTACGACGGCAAGTGGGTGTGGGCCGACCGCGAGGTGCTG  
CCGCGGGCGGTGGCGCGCCGGCGAGGTCTACGACACGGGCGTCCAGATCACTGAC  
ATCGCCCAGGAGGGCTGCTTCCCCTGCGACACGCACGAGTGGGAGTGA

### Nucleotide

>SbrEXLA-02

GCTAGTCACTTATACGGCCTGTTTATTCCGTCCTCGGGTACACCACACCACACC  
ACACCGGCTAGTTACGGTTACGGCGGGCGAGGAGCGTGGGTAGCTGGAGCTGCGG  
CGAGCAAAGTGGAACGTGCTGTTCTAGTGACCGTGGCCGAACTATAGCTAATGTG  
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CGAGCCAAGAAGAAGGCCAAGCAAACCAACCATCAAGTCATCCATCGGCCAAGA  
CGATGGCCGCCCTCACCGCCGCCTCCACCACGCTCCCCTGCTGCTCCTCGTCTGG  
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CTGTGCTGTGCTGTGCTGTGCTGTGCGTGTCCCCCTGATTCGTCTCGCCTCGGCGT  
GCCCCACTGCGCGCAGGTGCGGTGCAAGGACAAGAAGCTCTGCGCCGCGGCGG  
GCGCCAGGGTGGTGGTCACGGACCGCGCCAGGACCAACCGCACCGACCTCGTGC  
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GGACACATCGAACACCCAACCGAGACCAGACAGGACGATGATGGCTGAGTTTTG  
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CGGATCACATGGCTCGTCTCGTCTGCTGTTGCTTCTGCCAACGTACTTCTCGCATGT  
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GTCGGGAGGAGTTTTTAGAACTAATGAAA