

IDENTIFICATION

Species: *Sorghum bicolor* Rio

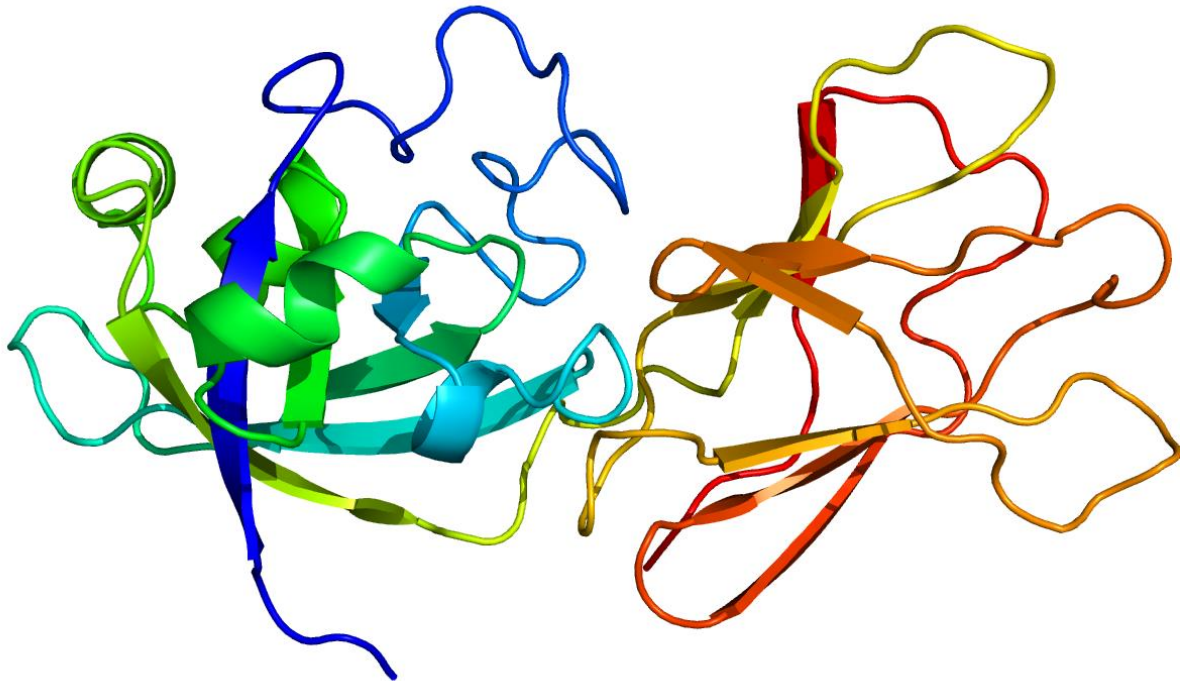
Locus: SbRio.04G314000

Gene Model: SbRio.04G314000.1.p

Description: SbrEXPB-31

Family: Beta Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1

KEGG:-

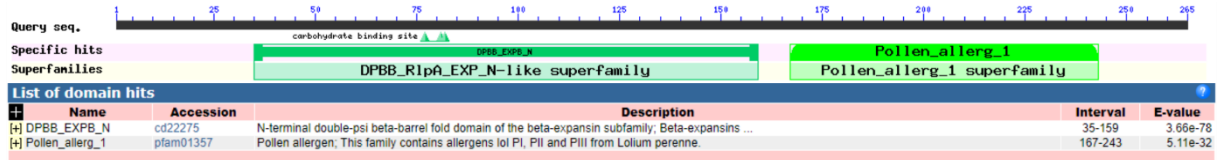
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXPB-31

MATKMVLCRFVALAALACLLRPGAPVELHRKLSAWSGDAGATWYGAPTGAGSDG
GACGYQNAVDQPPFSSMIAAGSPSIFQNGEGCGSCYQVKCTGHASCSGSPVTVVLT
ECPGGACLAEPVHFDLSGTAFGALAKPGQADQLRSAGLLKIQYTRVPCNWNMGMDIA
FKVDGGSNANYLAVLIEYESGDGELRSVELMQRGGAAWAPMQRSWGAVWRYNSG
AALQAPFSVRLTSGSGRTVVATNVIPAGWSPGATYRSVVNFNN*

CDS (coding sequence)

>SbrEXPB-31

ATGGCTACCAAGATGGTCCTGTGTCGCTTTGTGGCCTTGGCGGCTCTCGCCTGCCT
CCTCCGCCCTGGCGCGCCCGTCGAGCTCCACCGCAAGCTCTCCGCCTGGTCCGGC
GACGCCGGCGCGACGTGGTACGGCGCACCCACCGGCGCTGGGAGCGACGGTGGT
GCGTGCGGGTACCAGAACGCCGTCGACCAGCCGCCGTTCTCGTCCATGATCGCCG
CCGGCAGCCCGTCCATCTTCCAGAACGGCGAGGGCTGCGGCTCCTGCTATCAGGT
GAAATGCACCGGTCACGCGTCGTGCTCCGGCAGCCCGGTGACGGTGGTCCTGACC
GACGAGTGCCCCGGCGGCGCGTGCCTGGCCGAGCCCGTGCACCTTCGACCTGAGCG
GCACGGCGTTCCGAGCCCTGGCGAAGCCCGGCCAGGCCGACCAGCTCCGCAGCG
CCGACTCCTCAAGATCCAGTACACTCGGGTGCCGTGCAACTGGAACGGGATGG
ACATCGCGTTCAAGGTGGACGGCGGGTTCGAACGCGAACTACTTGGCGGTGCTGAT
CGAGTACGAGTCCGGCGACGGCGAGCTGAGGTCCGTGGAGCTCATGCAGCGCGG
CGGCGCGGCGTGGGCGCCGATGCAGCGGTCGTGGGGCGCCGTGTGGAGGTACAA
CTCCGGCGCCGCCCTGCAGGCGCCCTTCTCCGTCCGCCTCACCTCCGGCTCCGGCA
GGACGGTCGTGGCCACCAACGTCATCCCCGCGGGGTGGTCGCCCCGGCGCCACGTA
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Nucleotide

>SbrEXPB-31

CACTCCACAAAGCACAGCACTGCTCGGCTTGGCTTGGCTTGTCTCTTCTTTGTT
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