

IDENTIFICATION

Species: *Sorghum bicolor* Rio

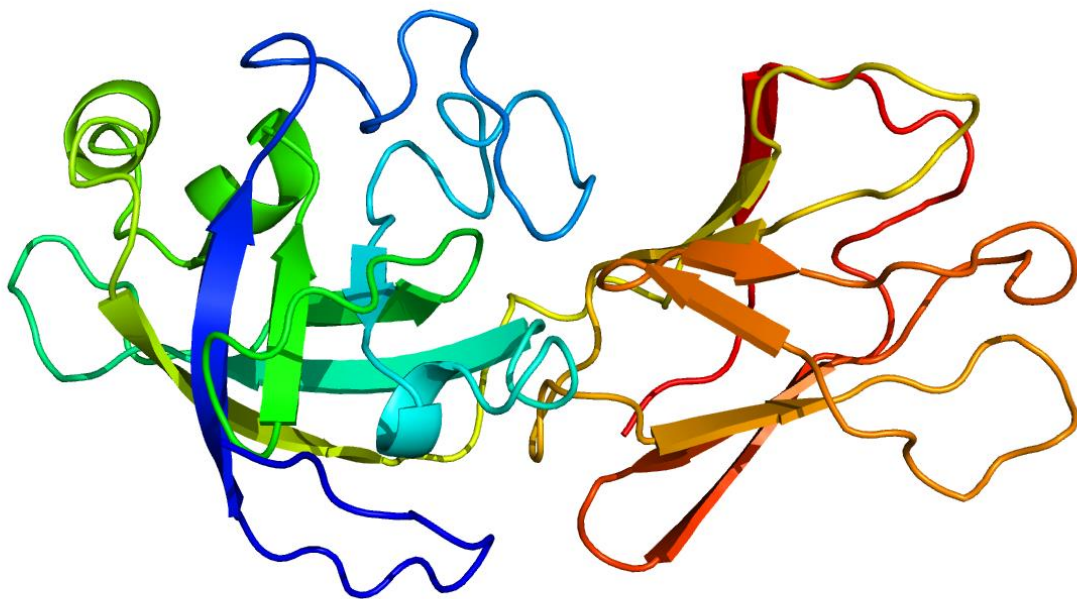
Locus: SbRio.01G325100

Gene Model: SbRio.01G325100.1.p

Description: SbrEXPB-12

Family: Beta Expansin

3D structure:



GENOME DATABASES

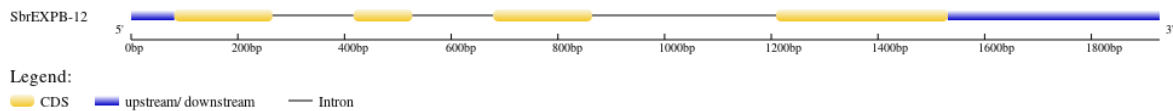
Phytozome: https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1

KEGG:-

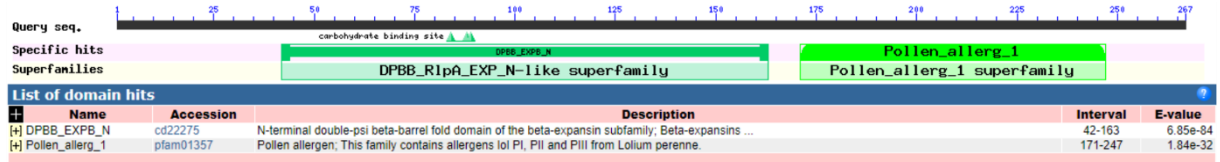
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXPB-12

MATTFSSKAVAFAAIFSFLVITYGSCARPVSFNASDFTADPNWEAARATWYGAPTGA
GPDDDGGACGFKNVNLPPFSAMTSCGNEPLFKDGGKCGSCYQIRCQNHAACSGNPE
TVIITDMNYYPVAKYHFDLSGTAFGAMAKPGRSDELRHAGIIDIQFKRVPKNYPGQK
VTFHVEEGSNSVYLA VLVEFEDGDGDVVQVDLMEANSGYWTPMRESWGSIWRLDS
NHRLQAPFSLRITNESGRTL VANQVIPANWV PNTYYRSIIQY*

CDS (coding sequence)

>SbrEXPB-12

ATGGCAACGACCTTCTCTTCAAAGGCTGTTGCATTTGCAGCGATCTTCTCCTTCCT
AGTCACGTATGGCTCCTGCGCCCGGCTGTAAGTTTTAACGCCTCCGACTTCACCG
CCGACCCTAACTGGGAGGCCGCCAGGGCCACCTGGTATGGGGCACCTACTGGCG
CCGGTCCTGACGACGACGGTGGTGCCTGTGGGTTCAAGAACGTGAACCTGCCTCC
GTTCTCCGCGATGACGTCGTGTGGCAACGAGCCACTGTTCAAGGACGGCAAGGGC
TGCGGCTCATGCTACCAGATCCGATGCCAAAACCACGCTGCATGCTCCGGCAACC
CGGAGACGGTGATCATCACCGACATGAACTACTATCCGGTCGCTAAGTACCACTT
CGACCTCAGCGGCACGGCGTTCGGCGCCATGGCTAAGCCTGGCCGCAGCGATGA
GCTCCGCCACGCCGCATCATCGACATCCAGTTCAAGAGAGTGCCCTGCAATTAC
CCTGGGCAGAAGGTGACATTCCACGTCGAGGAGGGGTCCA ACTCCGTCTACCTCG
CGGTGCTCGTCGAGTTTGAAGATGGCGACGGCGACGTGGTGCAGGTGGACCTCAT
GGAGGCCAACTCCGGCTACTGGACGCCGATGCGCGAGTCCTGGGGATCCATCTGG
AGGCTCGACTCCAACCACAGGCTGCAGGCGCCCTTCTCGCTGCGCATCACAAACG
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Nucleotide

>SbrEXPB-12

AACGCACAATCTCATCAGTACTAAGCTCCACCTTCTTAAGCTTGGAGTTGCTAGG
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GCTCCGCCACGCCGGCATCATCGACATCCAGTTCAAGAGGTAGGTGGAGGAACA
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GATTATCCATTGGGCGGTCCCAAGTAGATTTCGCACAGATAGATCTTAGTACTATA
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