

IDENTIFICATION

Species: *Sorghum bicolor* Rio

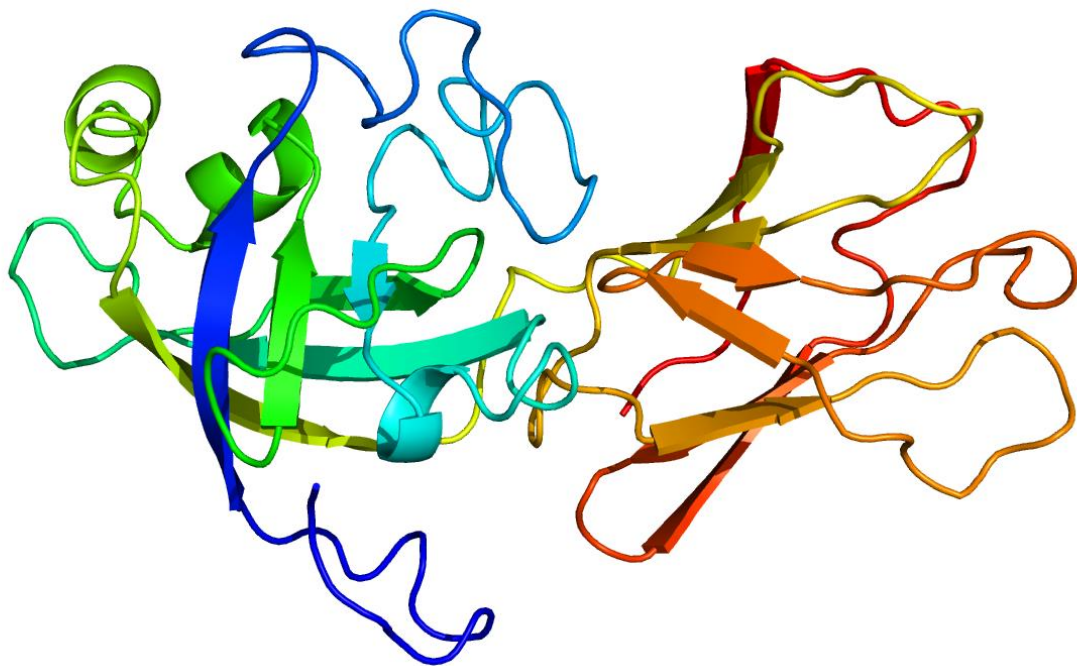
Locus: SbRio.01G324900

Gene Model: SbRio.01G324900.1.p

Description: SbrEXPB-11

Family: Beta Expansin

3D structure:



GENOME DATABASES

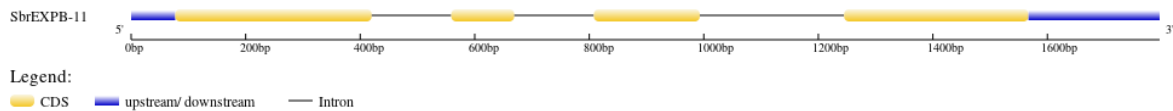
Phytozome: https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1

KEGG:-

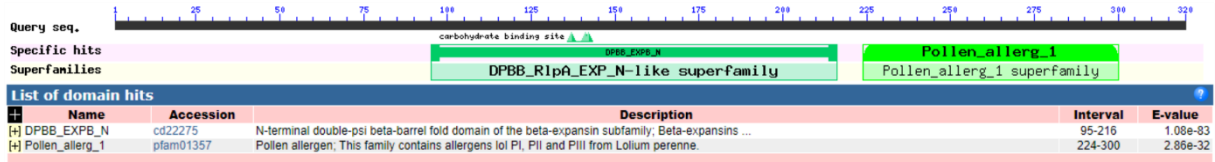
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXPB-11

MSIARGLPWRFFFRSINTPASC SLDPHRNAKTPPVGQINRSYYTSRVTLAAMASSFSK
VVAALIGALIFSLLVTYGSCATPANFTASDFTADPNWEAARATWYGAPTGAGPDDN
GGACGFKNVNLPFFSAMTSCGNQPLFKDGGKGGSCYQIRCQKHPACSGNPETVIITD
MNYYPVSKYHFDLSGTAFGAMAKPGRNNELRHAGIIDIQFKRVPCNYPGQKVTFHVE
EGSNPVYFAVLVEFEDGDGDVVQVDIMEANSYWTMRESWGSIWRLDANHRLQA
PFSLRITNESGRKLVANRVIPANWAPNNYYRSIIQY*

CDS (coding sequence)

>SbrEXPB-11

ATGTCGATCGCGCGCGGCCTTCCTTGGAGATTCTTTTTCCGGTCTATAAATACCCC
GGCGAGCTGCTCCCTTCCAGATCATCGAAACGCAAAAACCTCCTCCTGTCGGCCAA
ATCAATCGTAGCTACTACACCTCTCGCGTAACTCTAGCAGCTATGGCATCCTCCTT
CTCCAAGGTGGTCGCAGCACTTATTGGTGCGCTCATCTTCTCCCTCCTTGTCACGT
ATGGCTCGTGCCTACACCGGCCAACTTCACCGCCTCCGACTTCACCGCCGATCC
CAACTGGGAGGCTGCCAGAGCCACCTGGTACGGTGCGCCACCGGGCGCCGGCCC
TGACGACAATGGTGGCGCCTGCGGGTTCAAGAACGTGAACCTGCCGCCGTTCTCC
GCGATGACGTCGTGCGGCAACCAGCCCCGTTCAAAGATGGAAAGGGATGTGGC
TCCTGCTACCAGATACGGTGCCAGAAACACCCTGCCTGCTCCGGCAACCCCGAGA
CGGTGATCATCACTGACATGAACTACTACCCCGTGTCCAAGTATCACTTCGACCT
CAGCGGCACGGCGTTCGGCGCCATGGCCAAGCCCGGCCGCAACAACGAGCTCCG
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CAGAAGGTGACGTTCCACGTGGAGGAGGGCTCGAACCCGGTCTACTTCGCGGTGC
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CCAACCTCCGGCTACTGGACGCCGATGCGCGAGTCTGGGGATCCATCTGGAGGCT
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Nucleotide

>SbrEXPB-11

GCTCCACAGCCATGTGACCCCTACGCACCAAAGGCCAAAGCACACACGTCGAC
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CCTGCTCCGGCAACCCCGAGACGGTGATCATCACTGACATGAACTACTACCCCGT
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