

IDENTIFICATION

Species: *Sorghum bicolor* Rio

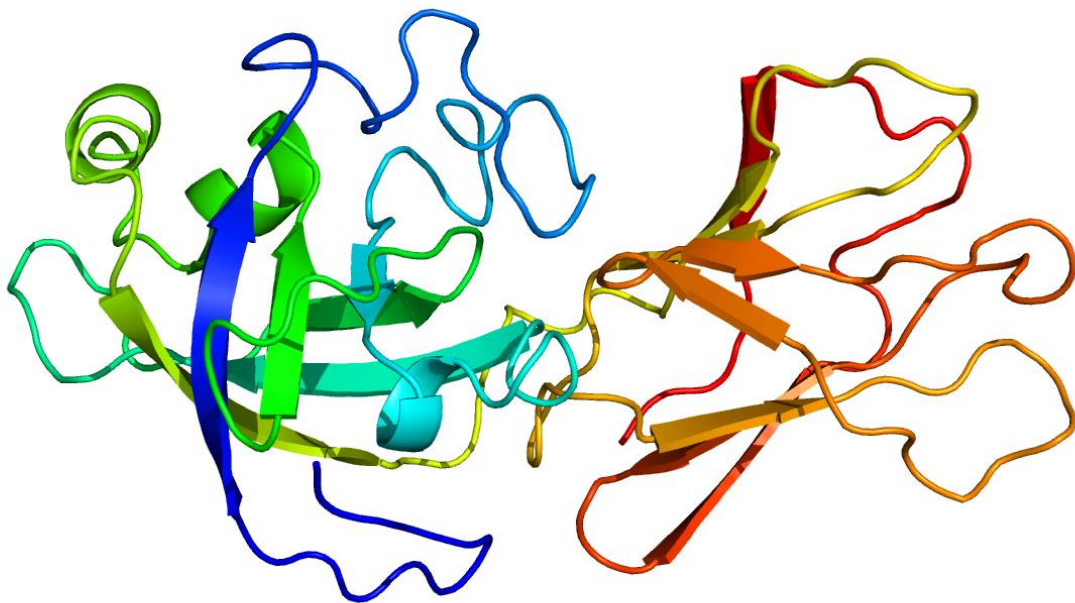
Locus: SbRio.01G293000

Gene Model: SbRio.01G293000.2.p

Description: SbrEXPB-05

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

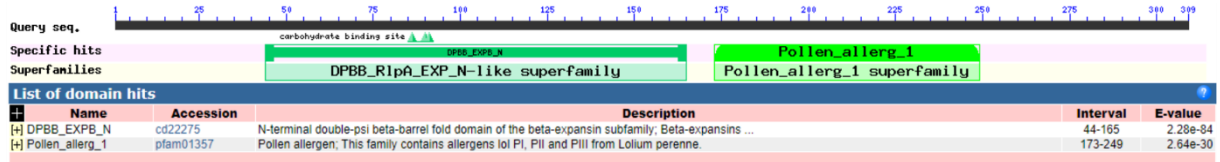
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXPB-05

MATLSSTVVALALGALLFLLLATCGSCAIPASFNVSDFADPNWEAARATWYGAPTG
AGPDDNGGACGFKNVNLPFSAMTSCGNEPLFKDGGKGGSCYQIRCQQHPACSGNP
ETVIITDMNYYPVAKYHFDLSGTAFGAMAKPGRNDELRHAGIIDIQFKRVPCYYPGQ
KVTFHVEVGSNPVYFAVLVEFEDGDGDVVQVDLMEANSGSWTPMRESWGSIWRLD
SDHRLTAPFSLRITNESGKTLVANQVIPANWTPNTYRSMVQYNWLSAAAHNNSV
SSHNNNSVSLWLISLVLVSYCCMGPSH*

CDS (coding sequence)

>SbrEXPB-05

ATGGCCACCTTGTCCTCCACAGTAGTTGCACTTGCCTTGGTGCCTTCTCTTCTT
GCTCCTTGCAACGTGTGGCTCATGCGCGATACCGGCGAGCTTTAACGTCTCTGAC
TTCACCGCCGATCCCAACTGGGAGGCTGCCAGGGCCACCTGGTACGGTGCACCCA
CCGGTGCCGGCCCTGATGACAACGGTGGTGCCTGTGGATTCAAGAACGTGAACCT
GCCGCCGTTCTCGGCAATGACATCGTGCGGCAACGAGCCCCTGTTCAAGGACGGC
AAGGGCTGCGGCTCCTGCTACCAGATACGATGCCAACAGCACCCCTGCCTGCTCCG
GCAACCCAGAGACGGTGATCATCACTGACATGAACTACTACCCCGTGGCCAAGTA
CCACTTCGACCTCAGCGGCACGGCGTTTCGGCGCCATGGCCAAGCCCGGCCGCAAC
GACGAGCTCCGCCACGCTGGCATCATCGACATCCAGTTCAAGAGGGTGCCCTGCT
ACTACCCCGGGCAGAAGGTGACTTTCCACGTTCGAGGTGGGCTCCAACCCCGTCTA
CTTCGCCGTGCTCGTCGAGTTCGAGGACGGCGACGGCGACGTGGTGCAGGTGGAC
CTCATGGAGGCGAACTCTGGGTCGTGGACACCGATGCGCGAGTCCTGGGGATCCA
TCTGGAGGCTGGACTCTGACCACCGCCTCACCGCGCCGTTCTCCCTGCGCATTACC
AACGAGTCCGGCAAGACGCTGGTGGCGAACCAAGTCATCCCGGCCAACTGGACG
CCCAACACCTACTACCGTTCATGGTCCAGTATAATTGGCTCTCTGCTGCTGCGCA
CCACAATAATTCTGTGTCATCGCACCAATAATTCTGTGTCATTGTGGTTGATTA
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Nucleotide

>SbrEXPB-05

CTACTTCATCTTCTTCTCCTGGTGGACGTTTCGTGGGACTGCACTGCGAACATCTATCT
ACATCGACTGAGGTCCACTACTTCAAGCAACACACTATGTGCGACTAGTGTGAATG
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