

IDENTIFICATION

Species: *Sorghum bicolor* Rio

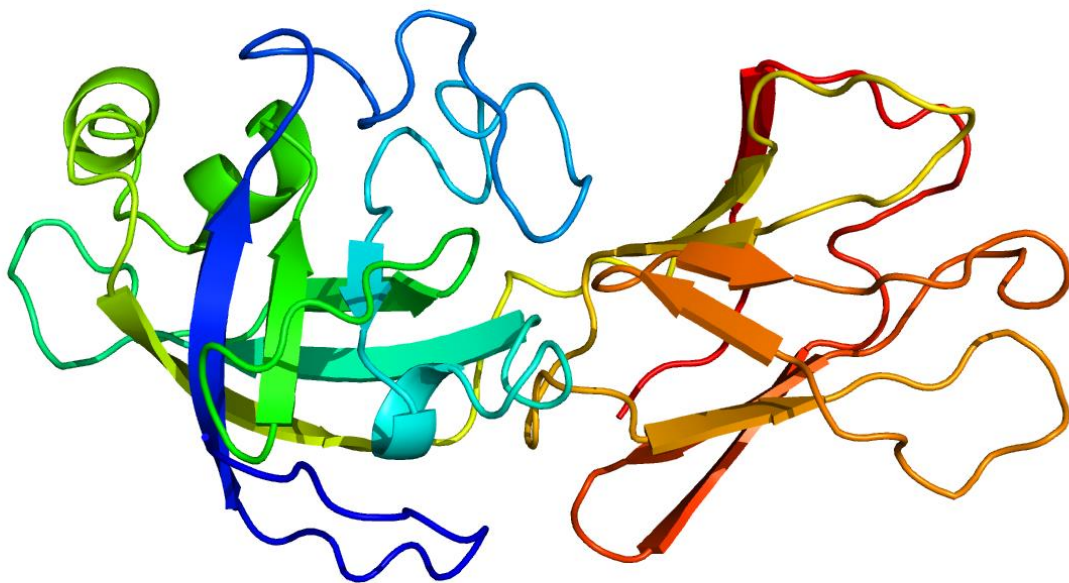
Locus: SbRio.01G292800

Gene Model: SbRio.01G292800.1.p

Description: SbrEXPB-03

Family: Beta Expansin

3D structure:



GENOME DATABASES

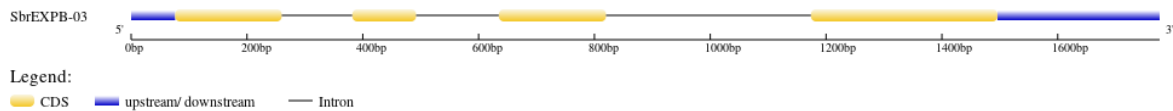
Phytozome: https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1

KEGG:-

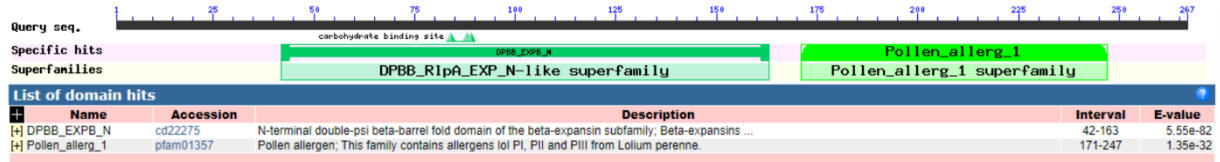
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXPB-03

MATCSSTVVALGALLFSLLATCGSCARPVSFNASDFTADPDWEAARATWYGAPTGA
GPDDDGGACGFKNVNLPFSAMTSCGNEPLFKDGGKCGSCYQIRCQNDACSGNPE
TVIITDMNYYPVSKYHFDLSGTAFGAMAKPGRSDEL RHAGIIDIQFKRVPCNYPGQKV
TFHVEEGSNPVYFAVLVEFEDGDGDVQVDLMEANSWSWTPMRESWGSIWRLDSG
HRLTAPFSLRITNESGKTLVANQVIPANWVPNTYYRSIVQY*

CDS (coding sequence)

>SbrEXPB-03

ATGGCCACCTGCTCCTCCACAGTAGTTGCACTTGGTGCACCTTCTCTTCTCGCTCCT
TGCAACGTGTGGCTCATGCGCTAGACCAGTGAGCTTTAACGCCTCCGACTTCACC
GCCGATCCCGACTGGGAGGCTGCCAGGGCAACCTGGTACGGTGCGCCACCCGGC
GCCGGCCCTGATGACGACGGTGGCGCCTGTGGATTCAAGAACGTGAACCTGCCGC
CGTTCTCGGCAATGACATCGTGCGGCAACGAGCCCTTGTTCAAGGACGGCAAGGG
CTGCGGCTCCTGCTACCAGATACGATGCCAAAACAACGATGCCTGCTCCGGCAAC
CCTGAGACGGTGATCATACTGACATGAACTACTACCCCGTGTCCAAGTATCACT
TCGACCTCAGCGGCACGGCGTTCGGCGCCATGGCCAAGCCCGGCCGACGCGACG
AGCTCCGCCACGCCGGC ATCATCGACATCCAGTTCAAGAGGGTGCCCTGCAACTA
CCCCGGGCAGAAGGTGACGTTCCACGTGGAGGAGGGCTCCAACCCCGTCTACTTC
GCGGTGCTCGTTCGAATTCGAAGACGGCGACGGCGACGTGGTGCAGGTGGACCTC
ATGGAGGCCAACTCCGGGTCGTGGACGCCGATGCGCGAGTCCTGGGGATCCATCT
GGAGGCTGGACTCCGGCCACCGCCTACCGCGCCGTTCTCCCTGCGCATCACCAA
CGAGTCCGGCAAGACGCTGGTGGCGAACCAAGTCATCCCGGCCAACTGGGTGCC
CAACACCTACTACCGTTCCATCGTCCAGTATTAG

Nucleotide

>SbrEXPB-03

CATCGAGACACACA AACTTCTCCTGTCTGCCTACCGATAGCTCTAATAGCTGCC
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AGTATCACTTCGACCTCAGCGGCACGGCGTTCGGCGCCATGGCCAAGCCCGGCCG
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AACACGCAACGCTCGTTGCACAGAATCAACACGCACAGTCGACCCGGCTGATGAT
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