

IDENTIFICATION

Species: *Sorghum bicolor* Rio

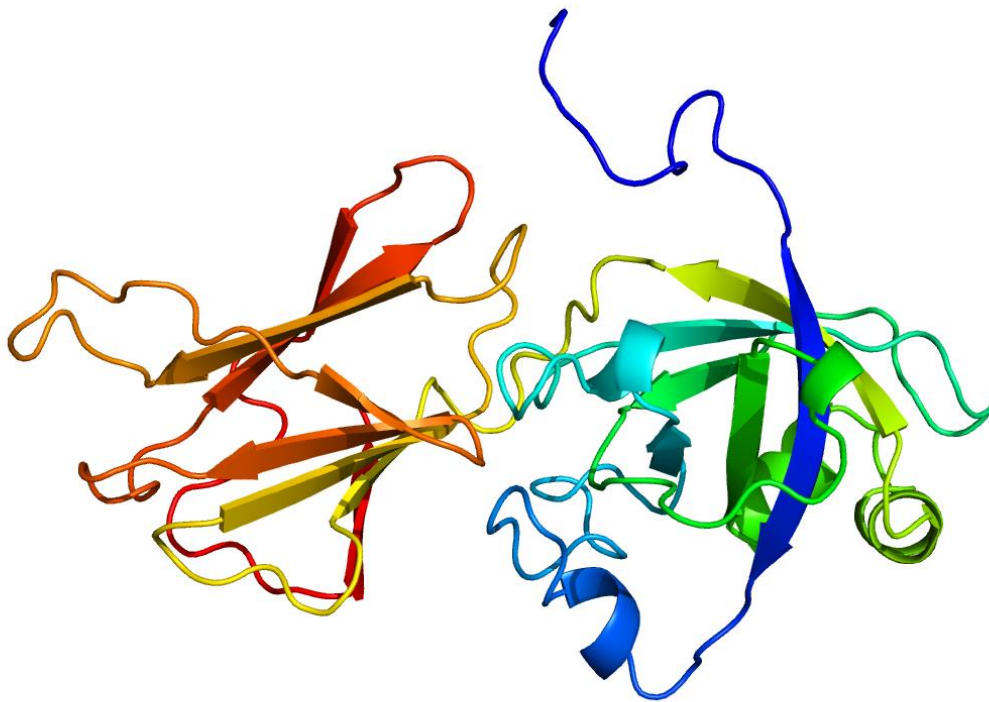
Locus: SbRio.01G163800

Gene Model: SbRio.01G163800.1.p

Description: SbrEXPB-01

Family: Beta Expansin

3D structure:



GENOME DATABASES

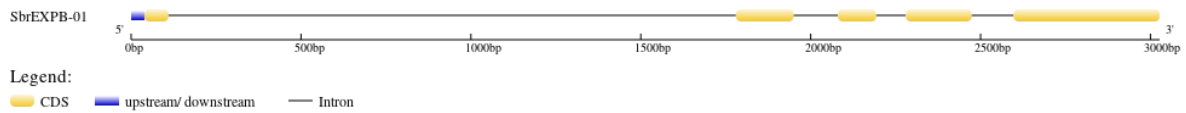
Phytozome: https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1

KEGG:-

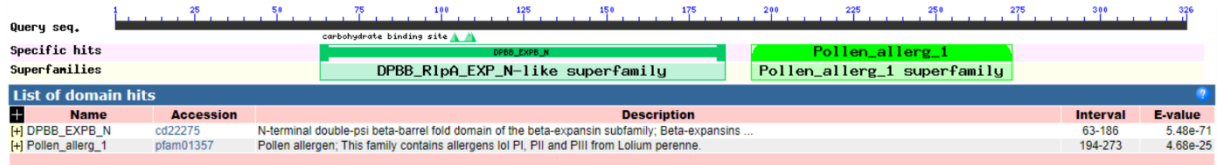
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXPB-01

MLCCA VGEQRK TDSQSTV VSKSGR VCCCMAS TLQLLFS IAITAL AFFLHPC ASTEFRR
 ELYGWS NGIATWY GAADGAG TDGGACGY QNAVDQ PPFSSM IAAGCSSI YDSGKGC
 SCYQVV CTGNEAC SGNPVT VVITDECP DCPCPDD QVHLDMS GTAFGAL AKPGQESQ
 LRGAGAI QIQYTR VQCEWPG VDVTF SVESGS NPNYLA V LIEYED SDSL YSVDIMQQ
 GQGGTT GQWVPM QQS WGA V W KINS GAVL QGPFN IRLTF SSGR VL VAGNA IPAGWN
 AGVAYR SGGVAV ARARPR SGVCR RYEAAG ALHLFVLS VVLLML*

CDS (coding sequence)

>SbrEXPB-01

ATGCTTTGTTGTGCTGTTGGTGAGCAGAGAAAGACGGATTACAGAGCACGGTGG
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 CCGCCGTGAGCTCTATGGTTGGTCCAATGGCATTGCTACATGGTATGGAGCAGCT
 GATGGTGCCGAACTGATGGTGGTGCTTGTGGATAACCAGAATGCTGTGGACCAGC
 CACCCTTCTCATCCATGATTGCCGCTGGCTGCTCTTCCATCTACGACTCTGGCAAG
 GGCTGTGGCTCTTGCTATCAGGTTGTATGCACCGGCAATGAGGCTTGCTCTGGTA
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Nucleotide

>SbrEXPB-01

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