IDENTIFICATION

Species: *Sorghum bicolor Rio*

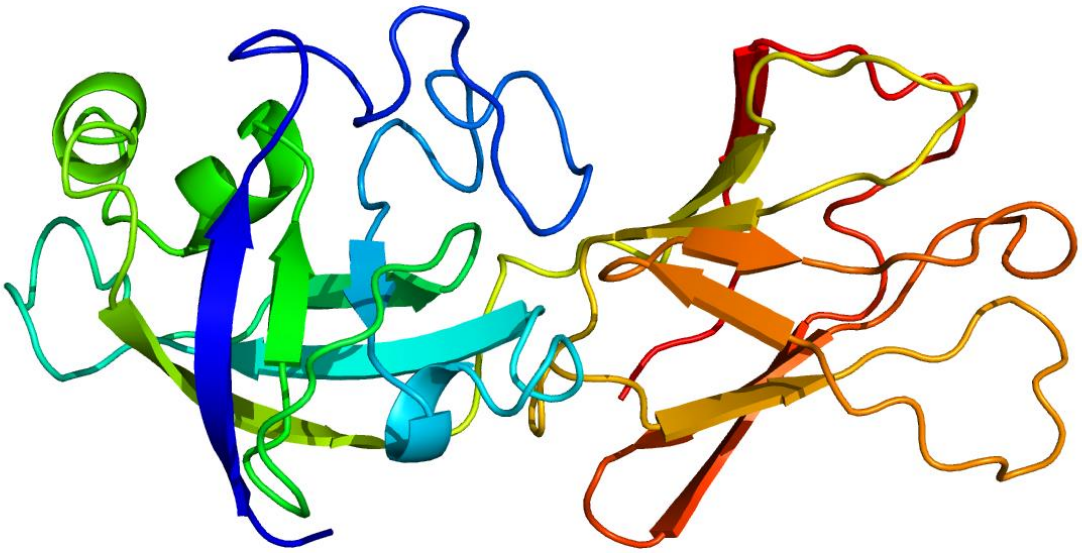
Locus: SbRio.01G579200

Gene Model: SbRio.01G579200.1.p

Description: SbrEXPB-23

Family: Beta Expansin

3D structure:



GENOME DATABASES

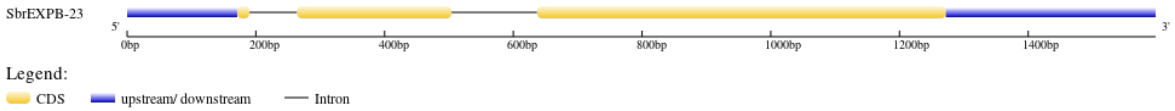
Phytozome: https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1

KEGG:-

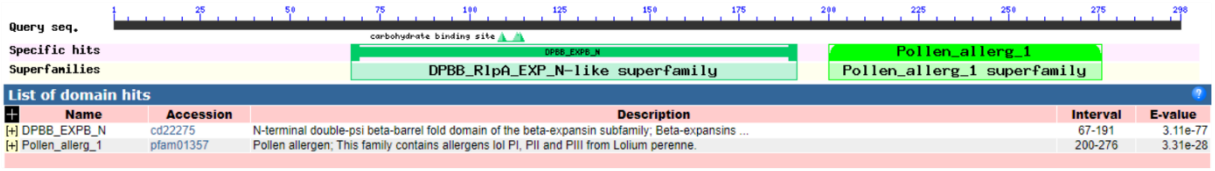
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXPB-23

MDGWRRRVGSWIGAEQRKAAGHSLMGSLSSLSCLLVAARAAAVSLLLAYCAAAAV
NYNTSDAAALQWGNARATWYGQPNGAGPYDNGGACGFKKVNQYPFMAMTSCGN
QPLYRDGKGCGSCYKIRCSSSKHAACSGRTETVVITDMNYTPGVAPYHFDLSGTAFG
KLAKPGRNDELRRAGIIDIQFTRVPCEFPGLKVGFHVEEGSSQVYFAVLVEYENGDGD
VVQVDLMEKGSSRRWTPMRHSWGSIWRLDSNHRLQPPFSIRTRSDSGKTLVARDVIP
LNWRPNTFYRSIVQYSS*

CDS (coding sequence)

>SbrEXPB-23

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TGAACTACAACACGAGCGATGCCGCCGCCTTGCAGTGGGGCAACGCCAGGGCCA
CCTGGTACGGCCAGCCCAACGGTGCCGGGCCCTACGACAACGGCGGCGCTTGCG
GGTTCAAGAAGGTGAACCAGTACCCGTTCATGGCCATGACCTCGTGCGGCAACCA
GCCGCTGTACCGCGACGGCAAAGGCTGCGGTTCCTGCTACAAGATCAGGTGCTCC
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CGGTGGACGCCCATGCGCCACTCCTGGGGATCCATCTGGCGCCTCGACTCCAACC
ACCGCCTGCAGCCGCCCTTCTCCATCCGCACCCGAAGCGACTCCGGCAAGACGCT
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Nucleotide

>SbrEXPB-23

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GCCGCCTGCTCCGGCCGCACCGAGACGGTGGTGATCACGGACATGAACTACACCC
CGGGCGTGGCGCCCTACCACTTCGACCTCAGCGGCACCGCCTTCGGCAAGCTGGC
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