

IDENTIFICATION

Species: *Sorghum bicolor* Rio

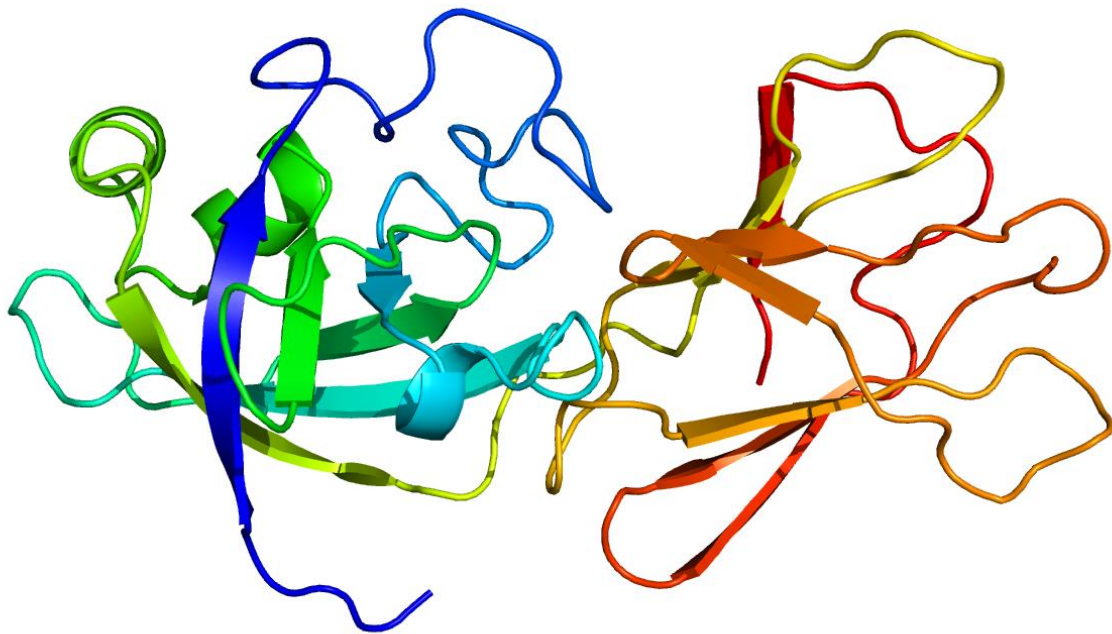
Locus: SbRio.01G163900

Gene Model: SbRio.01G163900.1.p

Description: SbrEXPB-02

Family: Beta Expansin

3D structure:



GENOME DATABASES

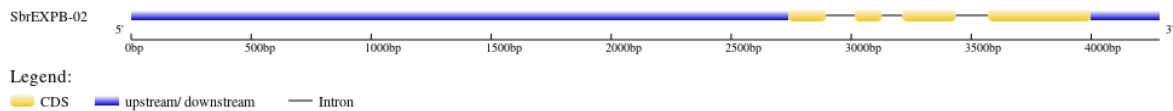
Phytozome: https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1

KEGG:-

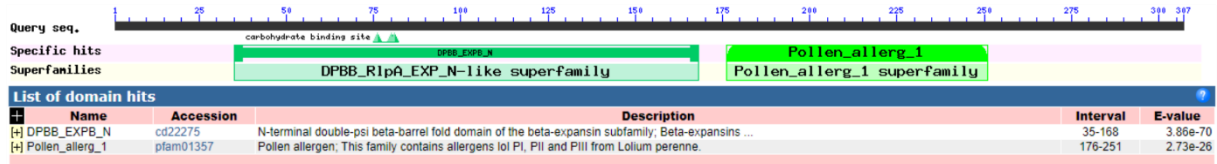
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXPB-02

MASKIQLLSSIAILAFASHLHPCVSIEFRHELSSWTTGIATWYGDANGAGSEGGACGY
QYAVDQPPFSSLIAAGSPFIYDSGNGCGSCYQVVCSSNQACSGYPVTVVITDQGGGGG
PCLSQASDGMCLNEGAHFDMSGTAFGAMAKPGMADQLRAAGLLQIQYTRVQCEWP
GVDVTFVSVDSGSNPNYLAVLIEYEDSESDLSAVDIMQNSAGQWVPMQHSWGAIWRL
DSGSALHGPFHLRLTFSSGRVLIASNAIPAGWTPGVAYRAGGVAVTRARPRSGGGRIH
EAAGTFSSLVYHLLMFVVLVL*

CDS (coding sequence)

>SbrEXPB-02

ATGGCTTCCAAGATCCAGCTCTTGTCTCCATCGCCATTTTAGCTTTTGCCTCACA
CCTTACCCTTGTGTGTCCATTGAGTTTCGCCATGAGCTCTCCAGCTGGACCACTG
GCATAGCTACGTGGTATGGTGATGCTAATGGCGCTGGAAGTGAAGGTGGTGCATG
TGGGTACCAATATGCTGTTGACCAACCACCAATTCTCATCCTTGATTGCTGCCGGCA
GCCCTTTCATCTATGACTCTGGCAACGGATGTGGCTCTTGCTATCAGGTGGTATGT
TCTAGCAATCAAGCTTGCTCTGGTTACCCGGTGACTGTTGTCATCACCGACCAGG
GCCCTGGTGGTGGTCCATGCCTGAGCCAAGCAAGTGATGGCATGTGCCTAAATGA
GGGAGCCCACTTTGACATGAGTGGGACTGCATTTGGTGCCATGGCAAAGCCTGGA
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AGTGCGAATGGCCTGGAGTTGATGTAACTTTCTCTGTTGACTCTGGCTCGAACC
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Nucleotide

>SbrEXPB-02

AAAAAGAAAAAAAAAAGTGCATAAACCTCTGCTCCCTCCCTCCTCCGGTCCTCCGA
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