IDENTIFICATION

Species: *Sorghum bicolor Rio*

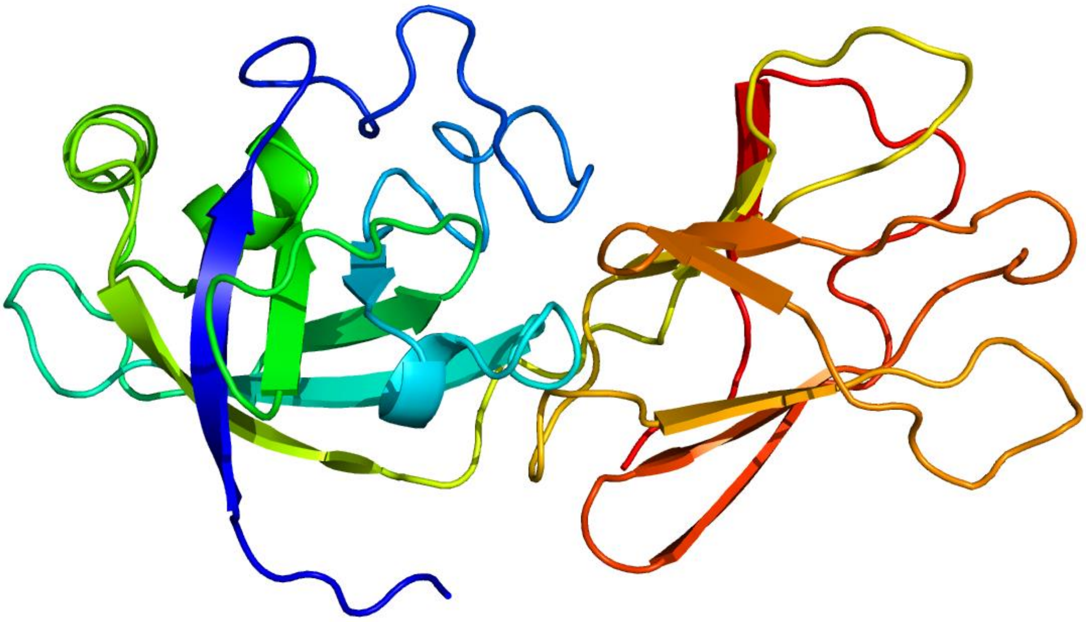
Locus: SbRio.04G203800

Gene Model: SbRio.04G203800.1.p

Description: SbrEXPB-27

Family: Beta Expansin

3D structure:



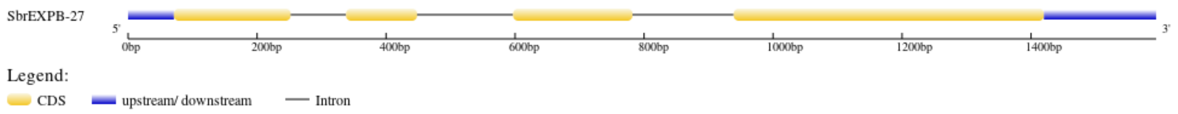
GENOME DATABASES

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

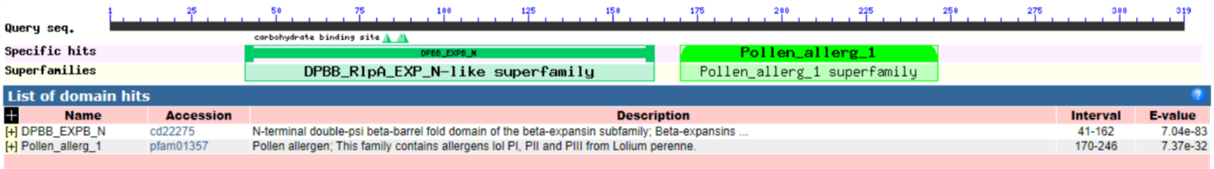
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXPB-27

MSAQCKLVALGALIFFLLVSYGSCTRIVNFNASHITADPYWVAARATWYGAPTGAGP
YDNGGACGFKNVNLPPFSAMTSCGNQPLFKDGKGCGSCYQIRCVNHPACSGNPETV
MITDMNYYPVAKYHFDLSGTAFGAMAQPGRNNELRHAGIIDIQFRRVPCIYPGQTVT
FHIEHGSNPNYLAVLVEFEDGDGDVVQVDIMEANSGWWTPMRESWGSIWRMDSKR
RLQGPFSLRITNESGERLVAYQVIPANWAPNTYYRSNIQYEAFGSAAGQAIGFGSAVG
LVISSAAGLHTVITGIIGLICLVLYHLHGIEVPQF*

CDS (coding sequence)

>SbrEXPB-27

ATGTCTGCCCAGTGCAAGCTGGTTGCGCTTGGTGCACTGATCTTCTTCCTTCTTGT
CTCGTATGGCTCATGCACTAGGATCGTCAACTTTAATGCCTCCCACATCACGGCG
GATCCCTACTGGGTGGCTGCCAGGGCCACTTGGTATGGTGCGCCAACCGGCGCTG
GCCCCTACGACAACGGTGGCGCTTGTGGGTTCAAGAATGTGAACCTGCCTCCTTT
CTCGGCCATGACATCGTGCGGCAACCAGCCCCTGTTCAAGGATGGCAAGGGCTGT
GGCTCGTGCTACCAGATACGATGCGTCAACCACCCCGCGTGCTCTGGCAACCCGG
AGACGGTGATGATCACCGACATGAACTACTACCCAGTCGCTAAGTACCACTTTGA
CCTCAGCGGCACGGCGTTTGGTGCCATGGCACAGCCCGGCCGCAACAACGAGCTC
CGCCACGCCGGCATCATCGACATCCAGTTCAGGAGGGTGCCCTGCATCTACCCCG
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Nucleotide

>SbrEXPB-27

AGCCATGTGACCCCCTACCAAAGAATATCCTGGCTAGGTGCTTCTCGCTGACCAT
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TCTGAAGGCCCTACACCAACAGAATCATACTTCCACTTCACAATTTGGCGTTTTTG
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