

IDENTIFICATION

Species: *Sorghum bicolor* Rio

Locus: SbRio.01G293000

Gene Model: SbRio.01G293000.1.p

Description: SbrEXPB-04

Family: Beta Expansin

3D structure:



GENOME DATABASES

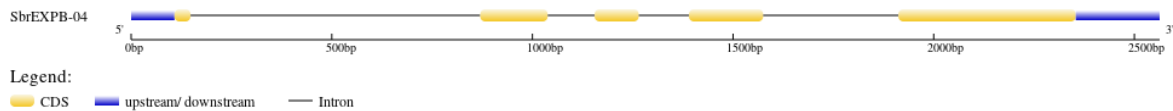
Phytozome: https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1

KEGG:-

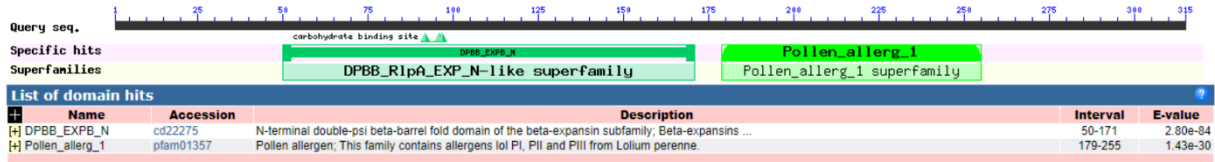
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXPB-04

MEPPVPSALVPPRVVALALGALLFLLLATCGSCAIPASFNVSDFADPNWEAARATW
YGAPTGAGPDDNNGGACGFKNVNLPFSAMTSCGNEPLFKDGGKGCSCYQIRCQHP
ACSGNPETVIITDMNYYPVAKYHFDLSGTAFGAMAKPGRNDEL RHAGIIDIQFKRVPC
YYPGQKVTFHVEVGSNPVYFAVLVEFEDGDGDVQVDLMEANSGSWTPMRESWGS
IWRLDS DHRLTAPFSLRITNESGKTLVANQVIPANWTPNTYYRSMVQYNWLSAAAH
HNNSVSSHNSVSLWLISLVLVSYCCMGPSH*

CDS (coding sequence)

>SbrEXPB-04

ATGGAGCCCGCGGTGCCTTCGGCACTGGTCCCTCCTCGGGTAGTTGCACTTGAC
TTGGTGCCTTCTCTTCTTGCTCCTTGCAACGTGTGGCTCATGCGGATACCGGCG
AGCTTTAACGTCTCTGACTTCACCGCCGATCCCAACTGGGAGGCTGCCAGGGCCA
CCTGGTACGGTGCACCCACCGGTGCCGGCCCTGATGACAACGGTGGTGCCTGTGG
ATTCAAGAACGTGAACCTGCCGCCGTTCTCGGCAATGACATCGTGC GGCAACGAG
CCCCTGTTCAAGGACGGCAAGGGCTGCGGCTCCTGCTACCAGATACGATGCCAAC
AGCACCTGCCTGCTCCGGCAACCCAGAGACGGTGATCATCACTGACATGAACTA
CTACCCCGTGGCCAAGTACCACTTCGACCTCAGCGGCACGGCGTTCGGCGCCATG
GCCAAGCCCGGCCGCAACGACGAGCTCCGCCACGCTGGCATCATCGACATCCAGT
TCAAGAGGGTGCCCTGCTACTACCCGGGCAGAAAGGTGACTTTCCACGTCGAGGT
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CGCGAGTCCTGGGGATCCATCTGGAGGCTGGACTCTGACCACCGCCTACCGCGC
CGTTCTCCCTGCGCATTACCAACGAGTCCGGCAAGACGCTGGTGGCGAACCAAGT
CATCCCGGCCAACTGGACGCCAACACCTACTACCGTTCCATGGTCCAGTATAAT
TGGCTCTCTGCTGCTGCGCACCAATAATTCTGTGTCATCGCACCAATAATTC
TGTGTCATTGTGGTTGATTAGTTTGGTACTAGTATCGTATTGCTGCATGGGACCGA
GCCATTGA

Nucleotide

>SbrEXPB-04

CTACTTCATCTTCTTCTCCTGGTGGACGTTTCGTGGGACTGCACTGCGAACATCTATCT
ACATCGACTGAGGTCCACTACTTCAAGCAACACACTATGTGCGACTAGTGTGAATG
GAGCCGCCGGTGCCTTCGGCACTGGTCCCTCCTCGGGGTACAATCTTAAACGATT
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ACTCTGGGTCGTGGACACCGATGCGCGAGTCCCTGGGGATCCATCTGGAGGCTGGA
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