

IDENTIFICATION

Species: *Sorghum bicolor* Rio

Locus: SbRio.01G293100

Gene Model: SbRio.01G293100.1.p

Description: SbrEXPB-06

Family: Beta Expansin

3D structure:



GENOME DATABASES

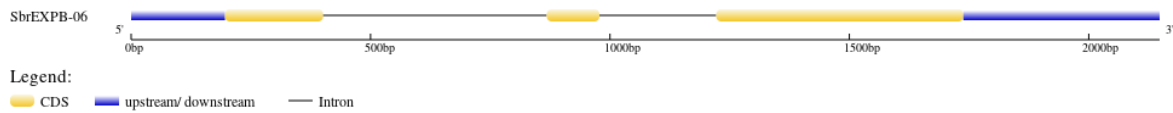
Phytozome: https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1

KEGG:-

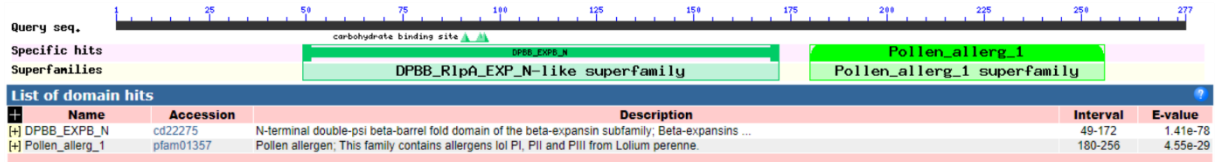
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXPB-06

MAAAGAAALLALLAALVVVVTHSGASALPAVVNNHTSAARQLRGRSGGWQMAKA
 TWYGAPYGAGPDDNGGACGFKNTNQYPFMSMTSCGNQPLFQDGQCGCACYQIRCT
 AKNNPACSGEVKTVMITDMNYYPVARYYHFDLSGTAFGSMARPGLNDKLRHAGIIDIQ
 FRRVACNNRGLTVNFHVQAGSNPNYLAVLVEYANKAGTVVQMDAMEANSQHWMP
 MRRSWGSVWRLDSYRALRGPFSMRIRSENGRTLVAANNVIPANWRANTDYRSYVQFT
 *

CDS (coding sequence)

>SbrEXPB-06

ATGGCCGCCGCCGGGGCAGCTGCACTTCTTGCCCTCCTCGCCGCGCTTGTCGTCGT
 CGTCACGCATTCCGGCGCAAGCGCACTCCCGGGCGGTGGTGAACAACACACCTCC
 GCCGCCCGCCAACCTCCGCGGTCGTTCCGGCGGCTGGCAGATGGCCAAGGCCACCT
 GTTACGGCGCGCCCTACGGCGCCGGCCCCGACGACAACGGCGGGCGCGTGGCGGT
 TCAAGAACACCAACCAGTACCCGTTTCATGTCCATGACGTCGTGCGGCAACCAGCC
 CTTGTTCCAGGACGGCCAGGGCTGCGGGCGCATGCTACCAGATCAGGTGCACCGCT
 AAGAACAACCCAGCCTGCTCCGGCGAGGTGAAGACGGTGATGATCACGGACATG
 AACTACTACCCGGTGGCGAGGTACCACTTCGACCTCAGCGGCACGGCGTTCCGGGT
 CCATGGCGAGGCCGGGGCTCAACGACAAGCTCCGGCACGCGGGCATCATCGACA
 TCCAGTTCAGGCGGGTGGCCTGCAACAACCGGGGGCTCACCGTCAACTTCCACGT
 GCAGGCCGGTCCAACCCCAACTACCTGGCGGTGCTGGTGGAGTACGCCAACAA
 GGCCGGCACCGTGGTGCAGATGGACGCCATGGAGGCCAACTCCGGCCACTGGAT
 GCCCATGCGCCGCTCCTGGGGGTCCGTCTGGCGGCTCGACTCCTACCGCGCGCTC
 AGGGGCCCTTCTCCATGCGCATCCGCAGCGAGAACGGCAGGACGCTGGTGGCC
 AACAATGTCATCCCAGCAAACCTGGAGGGCCAACACTGACTACCGCTCCTACGTCC
 AGTTCACTTAA

Nucleotide

>SbrEXPB-06

TGCCGCCAACTGCTCAATGCAATACTCTAGATTGTGTGCTTGGTGTGCTAGCTTGC
CCGCCTATAAGTACACAGGCGATCTCGGCCCTTTCCACCATCAAAACACAAGCAG
CTAGCCAGCAAACGCACATACTACAAGGTTTCTTGTTAGCTTCTGCCGCTGGTACT
ACATTGTGTGACGCGATCGAGCTGAGATAATGGCCGCCGCCGGGGCAGCTGCACT
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TCCCGGCGGTGGTGAACAACACACCTCCGCCGCCGCCAACTCCGCGGTTCGTTCC
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GCGACAATTTTTAATTTGGTGCTTATGTATCAGTGCCCACGCTAGTGGAATTGTTG
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