IDENTIFICATION

Species: *Sorghum bicolor Rio*

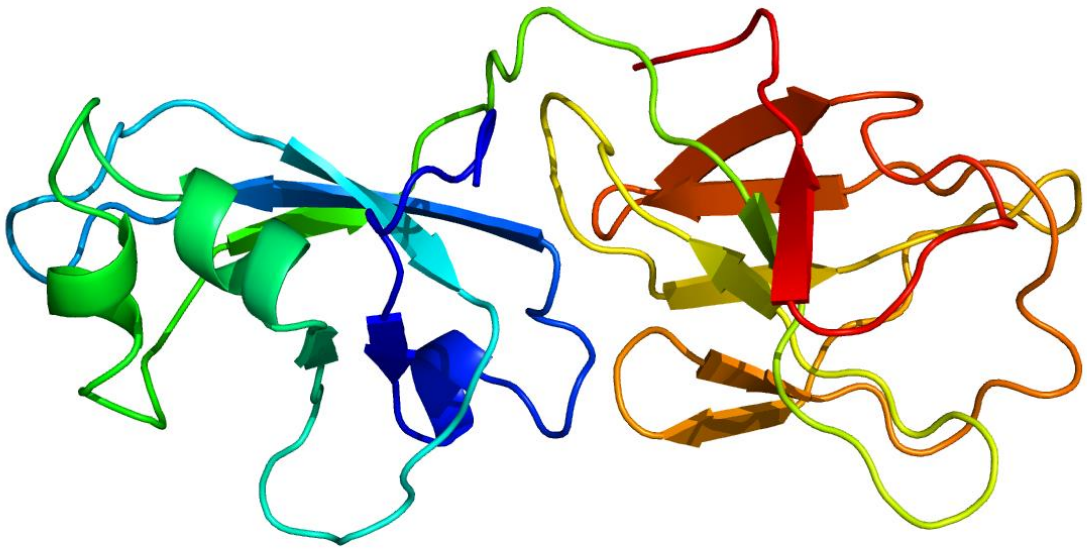
Locus: SbRio.01G327600

Gene Model: SbRio.01G327600.1.p

Description: SbrEXPB-13

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

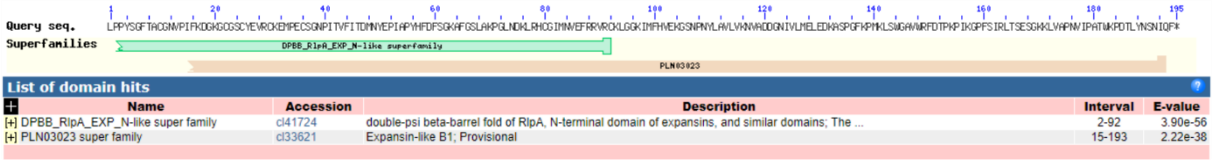
KEGG:-

EXTERNAL RESOURCES

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

GENE STRUCTURE

DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXPB-13

LPPYSGFTACGNVPIFKDGKGCGSCYEVRCKEMPECSGNPITVFITDMNYEPIAPYHF
DFSGKAFGSLAKPGLNDKLRHCGIMNVEFRRVRCKLGGKIMFHVEKGSNPNYLAVL
VKNVADDGNIVLMELEDKASPGFKPMKLSWGAVWRFDTPKPIKGPFSIRLTSESGKK
LVAPNVIPATWKPDTLYNSNIQF*

CDS (coding sequence)

>SbrEXPB-13

CTGCCACCCTACAGCGGCTTCACAGCCTGCGGTAACGTCCCCATCTTCAAGGACG
GCAAAGGCTGCGGCTCATGCTACGAGGTGAGATGCAAGGAAATGCCGGAGTGTT
CGGGCAACCCGATCACGGTGTTCATCACCGACATGAACTACGAGCCCATCGCACC
CTACCACTTCGACTTCAGCGGCAAGGCCTTTGGCTCCCTGGCAAAGCCCGGGCTC
AACGACAAGCTCCGCCACTGCGGCATCATGAACGTGGAGTTCAGGAGGGTGCGG
TGCAAGCTTGGGGGCAAGATCATGTTCCACGTTGAGAAGGGGTCCAACCCCAACT
ACCTGGCCGTGCTAGTCAAAAACGTGGCGGACGACGGCAACATCGTGCTCATGG
AACTCGAGGACAAGGCGTCGCCGGGGTTCAAGCCGATGAAGCTCTCCTGGGGCG
CTGTCTGGAGGTTTGACACACCCAAGCCGATCAAGGGCCCCTTCTCCATCCGCCT
CACCAGCGAGTCCGGCAAGAAGCTCGTCGCCCCAAACGTCATCCCGGCAACCTG
GAAGCCCGACACCCTCTACAACTCCAACATCCAGTTCTAA

Nucleotide

>SbrEXPB-13

CTGCCACCCTACAGCGGCTTCACAGCCTGCGGTAACGTCCCCATCTTCAAGGACG
GCAAAGGCTGCGGCTCATGCTACGAGGTACGTACATTATATAAATAGCAACCAA
ACCAAACAACACATGCATGAGAGAGAGAGAGAGATCATCTCGCTAGGTGATCTT
ACATACATGCAGGTGAGATGCAAGGAAATGCCGGAGTGTTCGGGCAACCCGATC
ACGGTGTTCATCACCGACATGAACTACGAGCCCATCGCACCCTACCACTTCGACT
TCAGCGGCAAGGCCTTTGGCTCCCTGGCAAAGCCCGGGCTCAACGACAAGCTCCG
CCACTGCGGCATCATGAACGTGGAGTTCAGGAGGTAAATGCATATATTTTTCATG
CATGCTATATTGTTGGCCAAGATGACGACGATCTCAGAAAACACTATATATAGCT
TCTCCATGATCCATCGATCTGTGTGTATATACCAAGGCCTTGTTTACTTCCCAAAA

AATTTTGCAAAATTTTTCAGATTCCCCGTCACATCGAATCTTTAGACGCATGCATG
GAGTATTAAATATAGATAAAAATAAAAACTAATTGCATAGTTTGGTCGGAATTGA
TGAGATGAATCTTTTGAGCCTAGTTAATCCATGATTGGACAATATTTGTCACAAA
CAAACGAAAGTGCTACAGTACCTGTTTTGCAAAATTTTTTGGAACTAAACAAGGC
CCAATATGTCATGCAGCAAAACTTACATGTCGTCCTGTCGTCCTGCATGTAGGGT
GCGGTGCAAGCTTGGGGGCAAGATCATGTTCCACGTTGAGAAGGGGTCCAACCC
CAACTACCTGGCCGTGCTAGTCAAAAACGTGGCGGACGACGGCAACATCGTGCTC
ATGGAACTCGAGGACAAGGCGTCGCCGGGGTTCAAGCCGATGAAGCTCTCCTGG
GGCGCTGTCTGGAGGTTTGACACACCCAAGCCGATCAAGGGCCCCTTCTCCATCC
GCCTCACCAGCGAGTCCGGCAAGAAGCTCGTCGCCCCAAACGTCATCCCGGCAAC
CTGGAAGCCCGACACCCTCTACAACTCCAACATCCAGTTCTAA