

IDENTIFICATION

Species: *Sorghum bicolor* Rio

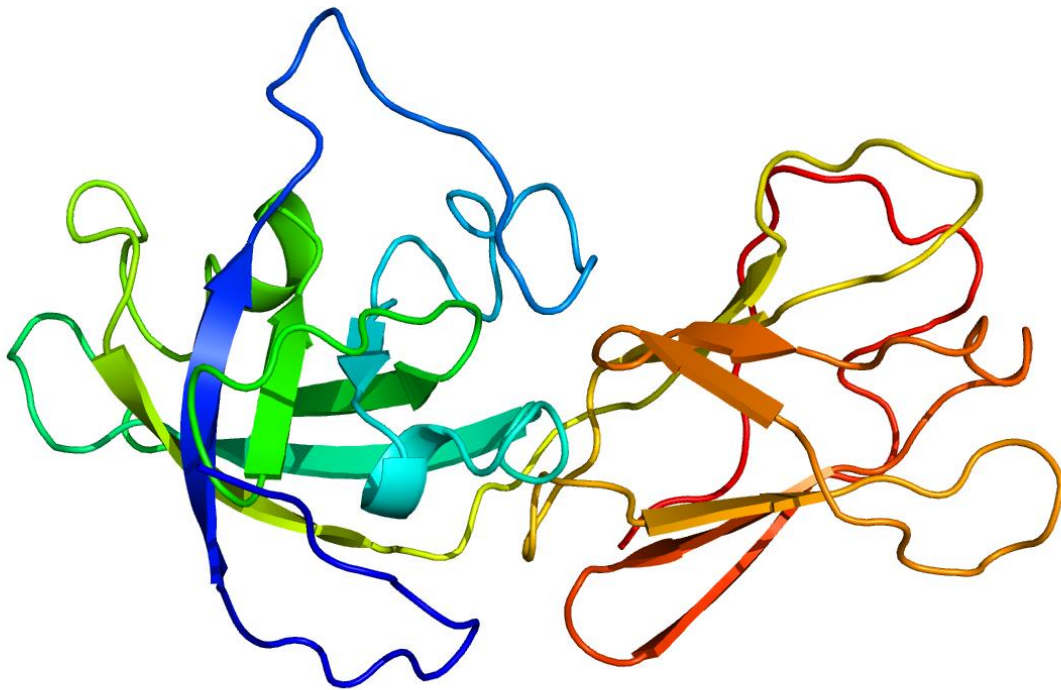
Locus: SbRio.06G209100

Gene Model: SbRio.06G209100.1.p

Description: SbrEXPA-23

Family: Alpha Expansin

3D structure:



GENOME DATABASES

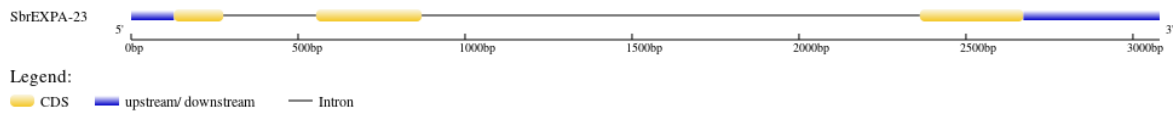
Phytozome: https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1

KEGG:-

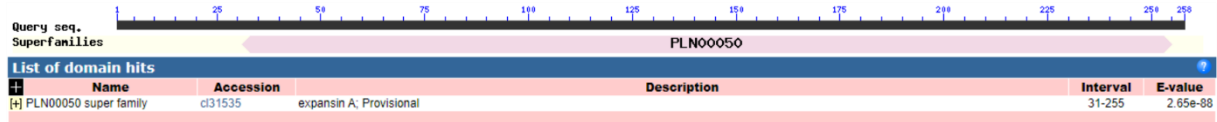
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXPA-23

MAPPLLLFLFLLPALAAGHQHPSSYGSSALSEWRPAKASYAADPEDAIGGACGFGD
LGKHGYGMATVGLSTALFERGAACGGCYEVKCVEDLKYCLPGTSIVVTATNFCAPN
YGLPADAGGHCNPPNHFFLLPIQSFEKIALWKAGIMPIQYRRVKCLREGGVRFSVNG
RHFFFTVLISNVGGAGDVRSVKIKGTELGWLSMGRNWGQVWHINCDMRGQPLSFEL
SSSDGKTLTSFNVVPKDWEYGKTYTGKQFL*

CDS (coding sequence)

>SbrEXPA-23

ATGGCTCCGCCGCTCCTGCTCTTCCTCTTCCTCCTCCCGGCCCTCGCCGCCGGACA
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GCATCCTACTACGCCCGACCCCGAAGACGCCATCGGTGGGGCGTGCGGGTTCG
GGGATCTGGGGAAGCACGGGTACGGGATGGCGACGGTGGGGCTGAGCACGGCGC
TGTTTCGAGCGCGGCGCGGCGTGCGGCGGCTGCTACGAGGTCAAGTGCGTGAGG
ATCTCAAGTACTGCCTCCCCGGCACCTCAATCGTCGTCACGGCCACCAACTTCTGC
GCCCCAACTACGGCCTCCCCGCCGACGCCGGCGGCCACTGCAACCCGCCAACC
ACCATTTCTCCTCCCATCCAGTCGTTTGAGAAGATTGCGCTCTGGAAGGCCGG
CATCATGCCATCCAGTACCGCCGTGTTAAGTGCCTCCGAGAAGGTGGTGTGTCAGG
TTCTCTGTCAATGGTCGGCACTTCTTCTTTACAGTCCTAATCAGCAATGTTGGTGG
CGCGGGTGATGTTAGATCTGTGAAGATCAAAGGAACAGAGTTAGGATGGCTCTC
GATGGGCCGCAATTGGGGCCAGGTGTGGCACATCAACTGTGACATGAGGGGACA
ACCCCTGTGTTTTGAGCTCAGCTCAAGCGATGGCAAGACACTCACCAGTTTCAAC
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Nucleotide

>SbrEXPA-23

TACCCAAGCTGAAAGCACCACTTGCAGCTCCTCAGTCCCACTCCCACTCAC
TCCTTCCTCCCCACTCCCAGCTTACACCGAGGCAGACCATAACGGCACCCGGC
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