

IDENTIFICATION

Species: *Sorghum bicolor* Rio

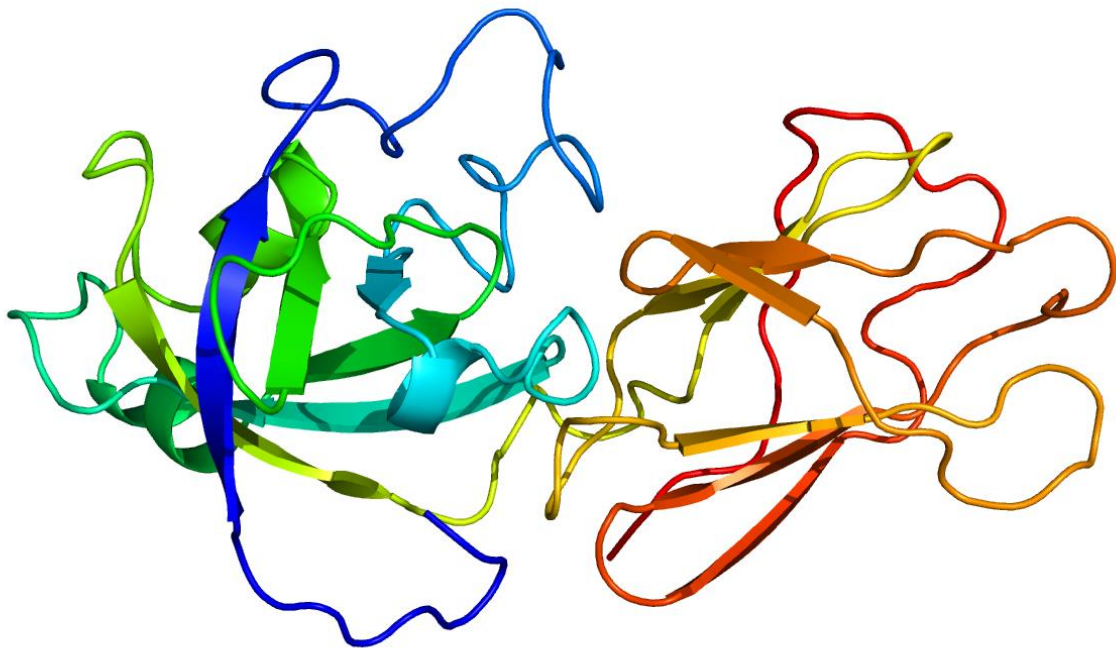
Locus: SbRio.07G021200

Gene Model: SbRio.07G021200.1.p

Description: SbrEXPA-26

Family: Alpha Expansin

3D structure:



GENOME DATABASES

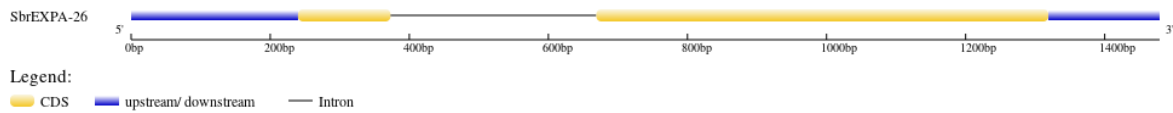
Phytozome: https://phytozome-next.jgi.doe.gov/info/SbicolorRio_v2_1

KEGG:-

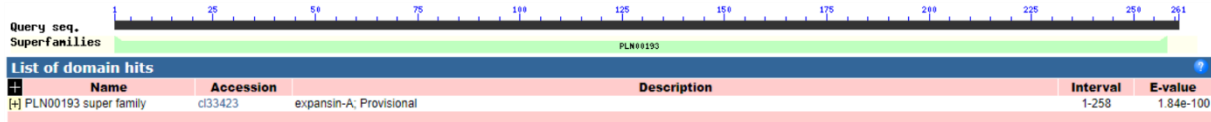
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXPA-26

MGKRFLHQLVLAVALFVSPVRSGDWLPATATFYGGADGSDTMGGACGYSDLYE
QYGINNAALSTALFNDGASCGQCYVIICDSSKTQWCKPGNNWVVVSATNFCPPNW
DLPAVGDLPAGGWCAPPRPHFDMSQPAWENIGIYSAGVINVLYQRVKCWKSSGGVRF
TMAGFNGFYMVLVTNVAGSGSIQSMAVKGNNTDWIPMYRNWGANWHCLSGGLVG
QGLSFALVSTGGQNLVFKDVVPAWWQFGQTYTTYQNFDY*

CDS (coding sequence)

>SbrEXPA-26

ATGGGGAAACGTTTCCTCCACCAGCTGGTACTCGCCGTCGCCGTTGCGCTCTTCGT
CTCTCCGGTGAGATCGGGCGACTGGCTTCCGGCCACCGCCACGTTCTACGGCGGT
GCTGACGGCTCCGACACAATGGGTGGCGCGTGTGGGTACAGCGACCTGTACGAG
CAGGGCTACGGCATCAACAACGCCGCGCTGAGCACGGCGCTCTTCAACGACGGC
GCGTCGTGCGGGCAGTGCTACGTCATCATCTGCGACAGCAGCAAGACCCAGTGGT
GCAAGCCCGGCAACAACACTGGGTCTGTCGTCTCCGCCACCAACTTCTGCCCGCCAA
CTGGGACCTCCCCGCCGTCGGAGACCTCCCCGCCGGCGGCTGGTGCGCCCGCCA
CGGCCCACTTCGACATGTCCAGCCCGCCTGGGAGAACATCGGCATCTACAGCG
CCGGCGTCATCAACGTCCTCTACCAGCGAGTGAAGTGCTGGAAGAGCGGCGGCG
TGCGCTTACCATGGCCGGCTTCAACGGCTTCTACATGGTGCTCGTCACCAACGTC
GCCGGCAGCGGCTCCATCCAGAGCATGGCGGTGAAGGGCAACAACACGGATTGG
ATCCCATGTACAGGAAC TGGGGCGCCA ACTGGCACTGCCTCTCCGGCGGGCTCG
TCGGACAGGGCCTCAGCTTCGCGCTCGTCTCCACCGGCGGCCAGAACCTCGTCTT
CAAGGACGTCGTGCCGGCGTGGTGGCAGTTCGGACAAACTTACACCACCTACCAG
AATTCGACTACTAA

Nucleotide

>SbrEXPA-26

GATAACCGTGCATGCAGCAATGCATTTCTATTGGAATAATCTTTCTAATATCAGAT
TCTTTGCCGGCCTATACGTACATCTCCTCCAGCTGGACCCTAACCCCTAGAAGCTAT
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GCTATAGCCCGCTATAGCCTTTTGAAGTAGGGTACCGCTATTTGTATTCATGTACA
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CCCAGCCCCGCCTGGGAGAACATCGGCATCTACAGCGCCGGCGTCATCAACGTCTCT
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