

IDENTIFICATION

Species: *Sorghum bicolor* Rio

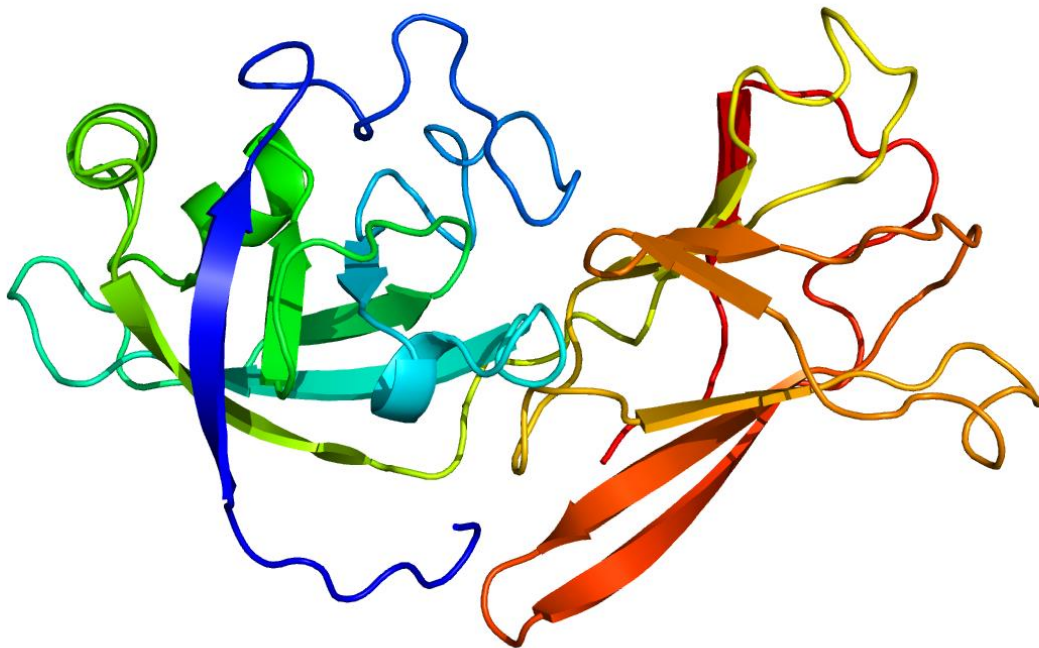
Locus: SbRio.02G315700

Gene Model: SbRio.02G315700.1.p

Description: SbrEXLA-03

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

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

KEGG:-

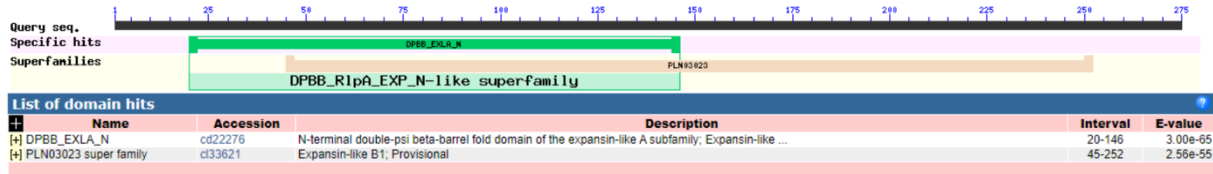
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbrEXLA-03

MDVLLCCLLLLLASAASAGSERCVRQGKAAYSPSSLSPVPHGSSGACGYGAMAAEI
NGGFLAAGGPRQHRGGLGCGRCFQMRCRDAKLCSAGGVVVLTDFHRSNRDFFL
AGPAFAALAKPGMAQQLNRLDALSVYKRIPEYKEKNLSIRVEEGSDKNRGLVVK
LLYQGGQTDILAVDVAPVGSSEWRFMTRVYGPVWSTPRAPAGPLQFRAVVTGGYD
GKWVWAEQEVLPADWRPGQVYDTGVRIADVARDGCRGCAVAAAAMDDWK*

CDS (coding sequence)

>SbrEXPA-03

ATGGACGTCCTCCTCTGCTGCTGCTTGCTGCTGCTCCTGGCCTCCGCCGCGTCCGC
CGGCAGCGAGCGCTGCGTGCGGCAGGGGAAGGCGGCCTACTCACCCTCTTCGCTC
TCCCCGGTCCCTCACGGTAGCAGCGGGGCGTGCGGGTACGGCGCCATGGCCGCCG
AGATCAATGGGGGATTCCTCGCCGCCGGCGGGGCCAGGCAGCACCGCGGTGGCC
TCGGCTGCGGCCGCTGCTTCCAGATGAGATGCCGAGACGCAAAGCTGTGCAGCGC
CGGCGGGGTGCGGGTGGTGCTCACCGACTTCCACAGGAGCAACCGCACCGACTTC
CTGCTCGCCGGGCCCCGCCCTTCGCGGCCCTTGCCAAGCCCGGGATGGCCCAGCAGC
TCAACAGGCTAGACGCCCTCTCCGTAGAGTACAAAAGGATTCCGTGCGAGTACAA
GGAGAAGAACCTGTTCGATCCGGGTGGAAGAAGGGAGCGACAAGAACCGAGGCA
GCCTGGTGGTGAAGCTGCTGTACCAGGGCGGCCAGACCGACATCCTGGCGGTGG
ACGTGGCCCCCGTGGGCTCGTCGGCGGAGTGCGCGTTTCATGACCGGGTGTACGG
GCCCGTGTGGAGCACGCCGCGGGCGCCAGCGGGACCGCTGCAGTTCCGGGCGGT
GGTCACGGGCGGCTACGACGGCAAGTGGGTGTGGGCAGAGCAGGAGGTGCTCCC
GGCGGACTGGCGCCCCGGGCAGGTCTACGACACCGGCGTCCGCATCGCCGACGT
CGCCAGGGACGGCTGCCGGGGATGCGCCGTCGCCGCCGCGCGATGGACGACTG
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Nucleotide

>SbrEXLA-03

CCGCATGTGCTACACTACACTACACAGAAGCAAGTCTCCTTCCCTCTCTACTCTCT
CTCTCTCTCTAGTGCTCGCCGGCTCTTTCCGCCGCCATGGACGTCCTCCTCTGCTG

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GGTTGGCTCGGCTCAATCATCAAGGGAATAAATTTGGGACTTCCGGTTCGATTTC
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CATCTGTTTTGCTTGCTTTTCGTGCACCGATTGCATATTCCTTCATTCTGATCGGATT
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CGTGGCTATTAGCTGTCTAGCTGATCCCCCTGATGAATGCTAATTGTTAGAATAA
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TGGTCGGAATTTACGAGATGAATCTTTTGAGCCTAGTCATGGTTGGACAATAATT
ACCACAAACAAACGAAAATGCTATAGTGTGTTGTGAATTTTTTTTCCTTCAAAAA
CTAAACACGGCTAGTTTCTAAAATTTTTTTTG