

IDENTIFICATION

Species: *Sorghum bicolor*

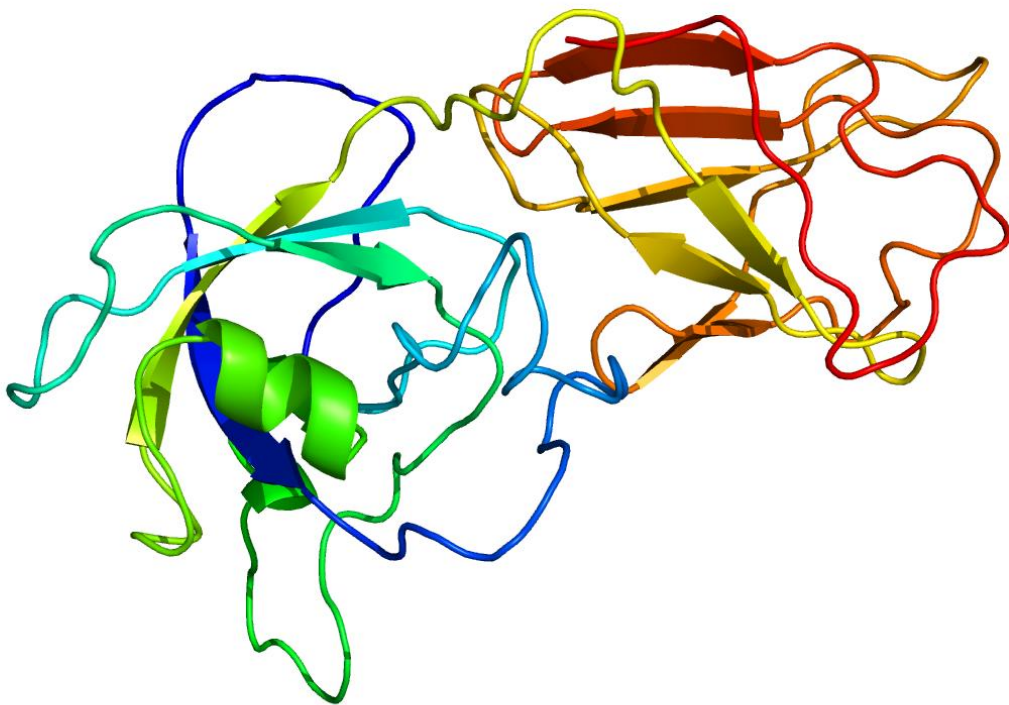
Locus: Sobic.004G119900

Gene Model: Sobic.004G119900.1.p

Description: SbEXPA-23

Family: Alpha Expansin

3D structure:



GENOME DATABASES

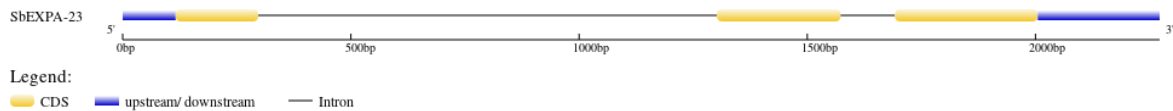
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1

KEGG: <https://www.genome.jp/entry/T01086>

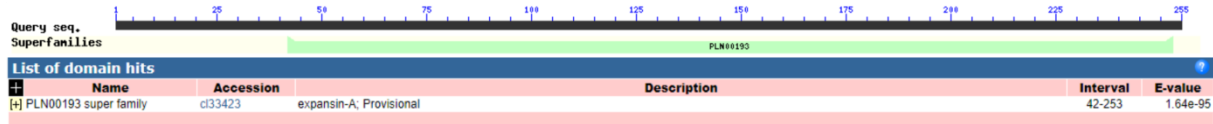
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbEXPA-23

MGMAPARVLGFVSLAVACMLAIMAAAGDAATSTPSSPTPTTGWLKAHATFYGGAD
ASDTMGLGPYSARALGRRTSCPSLRAGTGDRKRANPRFCCKPGVTVTITATNFCPPNS
ALPDGGWCNQQRPHFDMAQPAFEKIGVYTGGIIPVMYKRVPCVKRGGVRFTINGHD
YFNLVLVTNVAGAGSIKSMDVKTSNSNSWIPMARNWGANWHS�THLTGQMLSFVRV
TDTDGQTIEFTNVVPQGWKFGQTFASKLQFK*

CDS (coding sequence)

>SbEXPA-23

ATGGGTATGGCTCCAGCTCGAGTTCTTGGATTTCGTGTCGCTCGCAGTCGCCTGCAT
GCTGGCCATCATGGCCGCCGCTGGTGACGCCGCCACCAGCACTCCGTCGTCTCCG
ACGCCGACCACCGGATGGCTGAAGGCGCATGCCACGTTCTACGGCGGCGCCGAT
GCCTCTGACACCATGGGATTGGGCCCTATTCCGCGAGGGCCCTCGGCCGTGCA
CCTCCTGCCCTTCCCTTAGGGCCGGCACTGGCGACCGCAAAGAGCCAACCCAG
GTTCTGCAAGCCTGGCGTCACAGTCACCATCACGGCCACCAACTTCTGCCCGCCC
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GGTCACGACTACTTCAATCTCGTACTCGTGACCAATGTTGCAGGAGCTGGCTCCA
TCAAGTCAATGGACGTCAAGACCTCCAATCCAATAGTTGGATACCAATGGCACG
CAACTGGGGTGCGAATTGGCACTCTTACGCACCTTACTGGACAGATGCTCTCA
TTAGAGTAACGGACACGGATGGACAACTATTGAATTCACAAACGTTGTGCCAC
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Nucleotide

>SbEXPA-23

AACACAAACAATCTCTAGCTAGACACTAGCAGAACAATAAACCAGTCCGTGCA
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