

IDENTIFICATION

Species: *Sorghum bicolor*

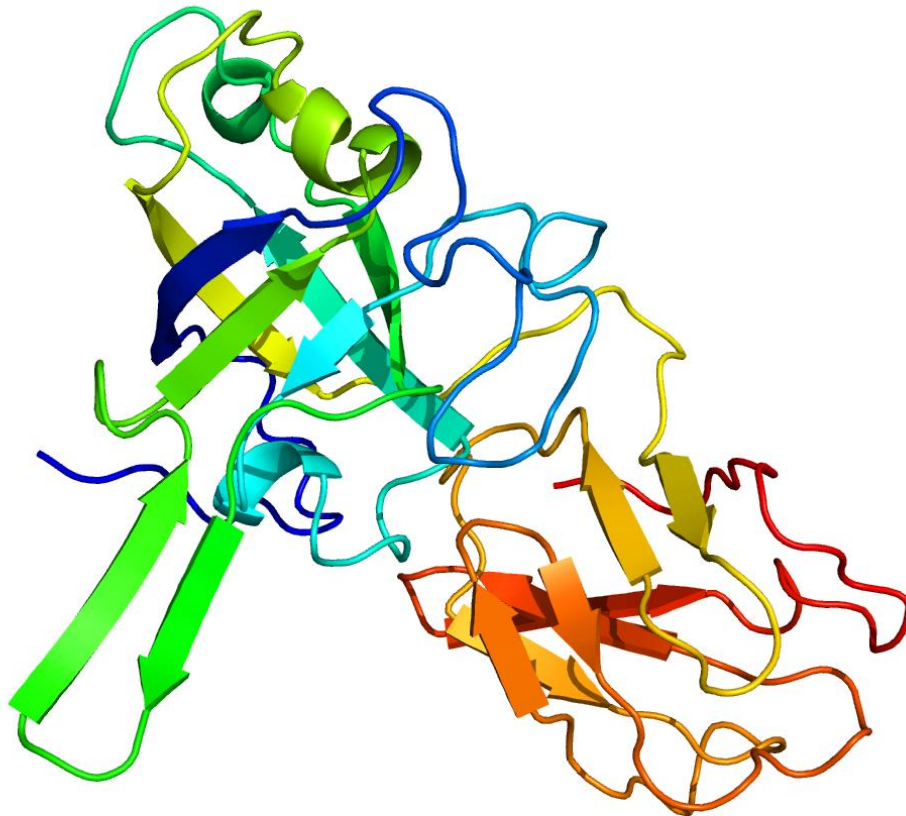
Locus: Sobic.010G268700

Gene Model: Sobic.010G268700.1.p

Description: SbEXPA-39

Family: Alpha Expansin

3D structure:



GENOME DATABASES

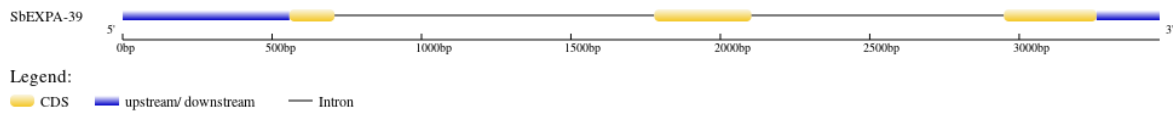
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1

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

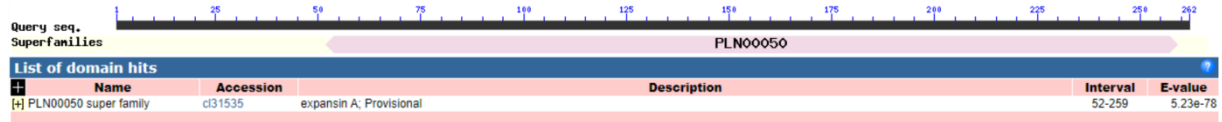
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbEXPA-39

MVSSLPLFLLLLLSAASFGDGVRLGNGGYEDWRLGTATYVKESQSHPLNDGGGACG
YGDLDIFRYGRYTAGLSAALFGRGSACGGCYELRCVNHIQWCLRGSPTVVVTATDFC
PANMGVADEVAGGWCFPREHLELSEAAFLRVAKAKADIVPVQFRRVSCDRAGGM
RFTITGSAHFLQVLITNVAADGEVTA VKV KGSRTGWIPMGRNWGQNWQCDADLRG
QPLSFEVTGGRGRTVTAYS VAPADWMFAQTFEGKQFAE*

CDS (coding sequence)

>SbEXPA-39

ATGGTGAGCTCGCTGCCTCTGTTCTTGCTGCTGCTGCTATCTGCAGCCAGCTTCGG
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CACCTACGTCAAGGAGTCCCAGTCGCACCCTCTCAACGACGGTGGTGGCGCCTGC
GGTTACGGCGACCTGGACATCTTCAGGTACGGCCGGTACACGGCGGGGCTGAGC
GCGGCGCTGTTTCGGCCGCGGCAGCGCCTGCGGCGGCTGCTACGAGCTCCGGTGC
TCAACCACATCCAGTGGTGCCTCCGGGGCAGCCCCACGGTGGTGGTGACGGCCAC
GGACTTCTGCCCCGCCAATATGGGCGTTCGCCGACGAGGTGGCCGGCGGCTGGTGC
AACTTCCCGCGGGAGCACCTCGAGCTGTCGGAGGCCGCCTTCTCCGCGTCGCCA
AGGCCAAGGCCGACATCGTGCCCGTGCAGTTCGGAGGGTGAGCTGCGACAGGG
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CACCAACGTGGCGGCGGACGGCGAGGTGACGGCCGTGAAGGTGAAAGGGTCGAG
GACGGGGTGGATCCCGATGGGACGGA ACTGGGGCCAGA ACTGGCAGTGCGACGC
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Nucleotide

>SbEXPA-39

ACTTGTGAGGCAATCCCGATCTGTTGATGAACTGGATTGGGATCAGCCAGCCAGC
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