

IDENTIFICATION

Species: *Sorghum bicolor*

Locus: Sobic.001G499800

Gene Model: Sobic.001G499800.1.p

Description: SbEXPA-13

Family: Alpha Expansin

3D structure:



GENOME DATABASES

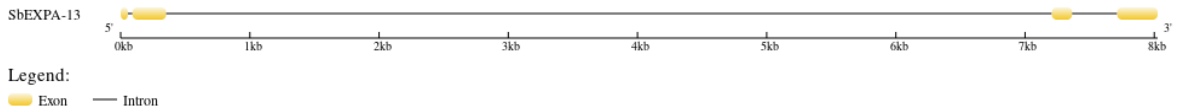
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1

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

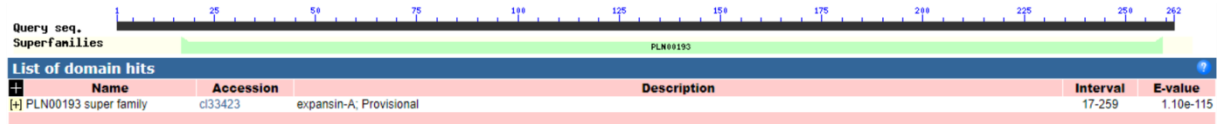
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbEXPA-13

MEMQRPLRFHFLIIIAAAAGWSKGTATFYGGGDVSGTMGGACGYGNLYWSGYGTD
 TAALSSALFNDGAACGECYRVTCDDASQWCLPGRKSVTVTATNLCPQTSQKTNLC
 PPNHELSGDDGGGGWCNPPRRHFDMAQPAWLQIAQYKGGIVPVLYQRTACVKQGG
 VRFTVTGSNYFVLVLITNVAGSGSVKAVVVKGSATDRMPMARNWGANWQSLAGL
 AGQALTFGVSTDGRTVVVPDVPAWWKFGQSFTSVVQFPI*

CDS (coding sequence)

>SbEXPA-13

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 CGATGGGCGGCGCGTGCGGGTACGGGAACCTGTACTGGTCCGGGTACGGGACGG
 ACACGGCGGCGCTGAGCTCGGCGCTGTTCAACGACGGCGCGGGCGTGCGGGGAGT
 GCTACCGGGTCACGTGCGACGACAGCGCGTCCCAGTGGTGCCTGCCGGGGAGGA
 AGTCGGTGACTGTCACGGCCACCAACCTGTGCCCCGAAACTTCTCAAAAACCAA
 CCTGTGCCCGCCCAACCACGAGCTCTCCGGCGACGATGGCGGGCGGGCGGCTGGTGC
 AACCTCCCCGCCGCACTTCGACATGGCCCAGCCCGCCTGGCTCCAGATCGCCC
 AGTACAAGGGCGGCATCGTGCCGGTGCTCTACCAGAGGACGGCGTGCGTGAAGC
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 CACCAACGTCGCCGGCAGCGGGTCCGGTGAAGGCGGTGTGGGTGAAGGGGAGCGC
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 GGGGCTCGCCGGCCAGGCGCTCACCTTCGGCGTCACCTCCACCGACGGCCGCACC
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Nucleotide

>SbEXPA-13

ATGGAGATGCAGAGACCACTACGCTTCCATTTCTCATCATCATCGCCGCCGCGG
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