

IDENTIFICATION

Species: *Sorghum bicolor*

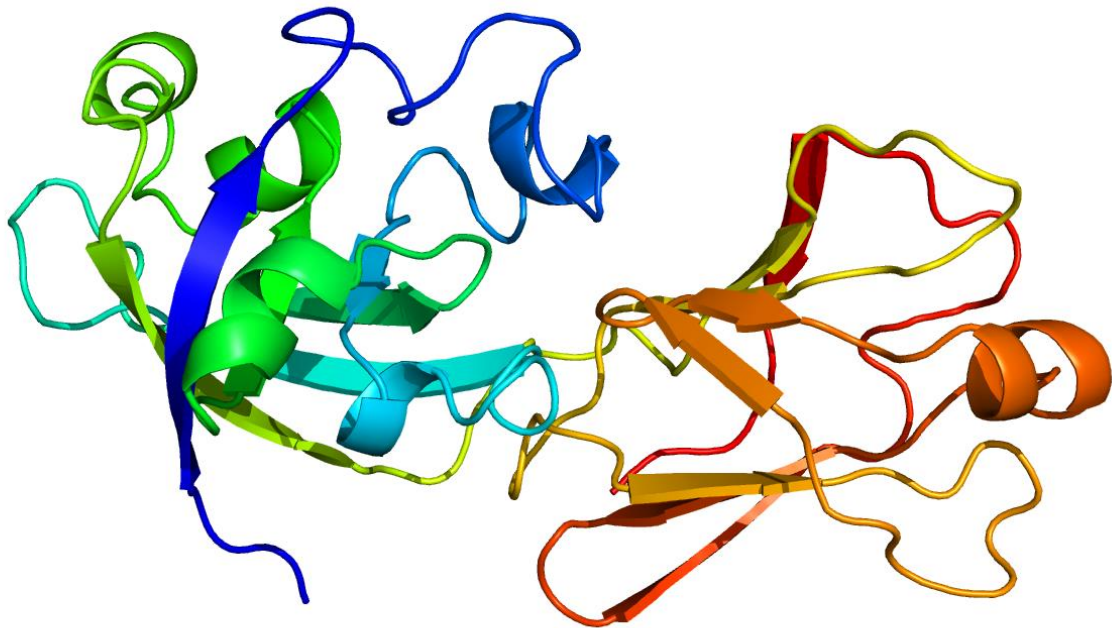
Locus: Sobic.010G121800

Gene Model: Sobic.010G121800.1.p

Description: SbEXPB-43

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

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

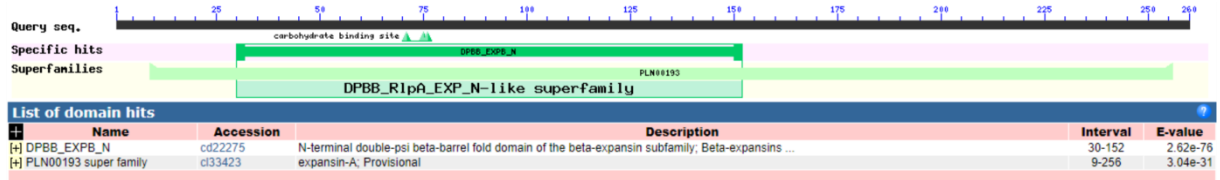
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbEXPB-43

MGSKQQIGVVVVLSCFIAISALAFRPCAAWSDAGATWYGPANGAGSDGGACGYQG
AVHQPPFSSMITAGSNSIYQDGKGCCTCYQVKCTGHQSCSGSPVTVVLTDQCPGACQ
SEPVHFDLSGTAFGAMAKPGQADQLRNVGRLPVQYTRVPCNWNVDVAFRVDAGS
NANYLAMAIEYEAGDGLRAVELQNGAAAWAPMERSWGAVWRYQSSGSSLQAAP
LSVRLTSGSGKTLVASGVIPAGWQPGNTYRSVVNFGGN*

CDS (coding sequence)

>SbEXPB-43

ATGGGTTCCAAGCAGCAGATCGGGGTGGTCGTCGTCTTGTCATGCTTCATTGCCA
TCAGTGCTCTCGCCTTCCGTCCCTGCGCAGCCTGGTCGGATGCCGGCGCCACCTG
GTACGGCCCTGCCAACGGCGCTGGGAGCGATGGTGGTGCGTGTGGGTACCAGGG
TGCCGTCCACCAGCCGCCCTTCTCGTCAATGATCACCGCCGGCAGCAATTCCATCT
ACCAGGACGGCAAGGGCTGCGGCACCTGCTACCAGGTGAAGTGCACCGGACACC
AGTCGTGCTCCGGCAGCCCGGTGACAGTGGTCCTCACTGACCAGTGCCCCGGCGC
GTGCCAGTCCGAGCCCCGTCCACTTCGACCTCAGCGGGACGGCGTTCGGTGCCATG
GCGAAACCCGGCCAGGCCGACCAGCTCCGAAACGTTCGGCCGCTCCCAGTCCAG
TACTCTCGGGTGCCGTGCAACTGGAACGGCGTGGACGTGGCCTTCAGGGTGGAC
GCCGGCTCGAACGCCAACTACCTGGCCATGGCCATCGAGTACGAGGCCGGGGAC
GGGACCTGCGCGCCGTGGAGCTGCAGAATGGCGCGGGCGGTGGGCGCCCATG
GAGCGCTCCTGGGGCGCGGTGTGGCGGTACCAGTCGTCCGGCTCCAGTCTGCAGG
CGGCCCCCTGTCTGTCCGCCTCACCTCCGGCTCCGGCAAGACCCTCGTCGCCAG
CGGCGTCATCCCCGCCGGATGGCAGCCCGGCAACACCTACCGCTCCGTCTCAAC
TTCGGAGGAAACTGA

Nucleotide

>SbEXPB-43

ACCGTACGTGACTAAGGAAAACCTCAAGCAAGCAACGTCAATGACCTTTATTTCTC
AGCTGCGCCGTGGAAGATGTATGTACGTACAGGCCGGCTATAAATACATGGCTTG
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TACATAGCCAGGCCAACAGATCGGCTTCCGGCATGGGTTCCAAGCAGCAGATCG
GGGTGGTCGTCGTCTTGTCATGCTTCATTGCCATCAGTGCTCTCGCCTTCCGTCCC
TGCGCAGCCTGGTCGGATGCCGGCGCCACCTGGTACGGCCCTGCCAACGGCGCTG
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ACTACACATATACGTA CTCTCCAGGTGAAGTGCACCGGACACCAGTCGTGCTCC
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CCAGGCCGACCAGCTCCGAAACGTGCGGCCCTCCAGTCCAGTACACTCGGTAA
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CGTCCGTCGTCATCGCAGCCGATGACGCACCTGACTTGGCGCTGTCTGCACTGCA
GGGTGCCGTGCAACTGGAACGGCGTGGACGTGGCCTTCAGGGTGGACGCCGGCT
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CCTGGGGCGCGGTGTGGCGGTACCAGTCGTCCGGCTCCAGTCTGCAGGCCGGCCCC
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