

IDENTIFICATION

Species: *Sorghum bicolor*

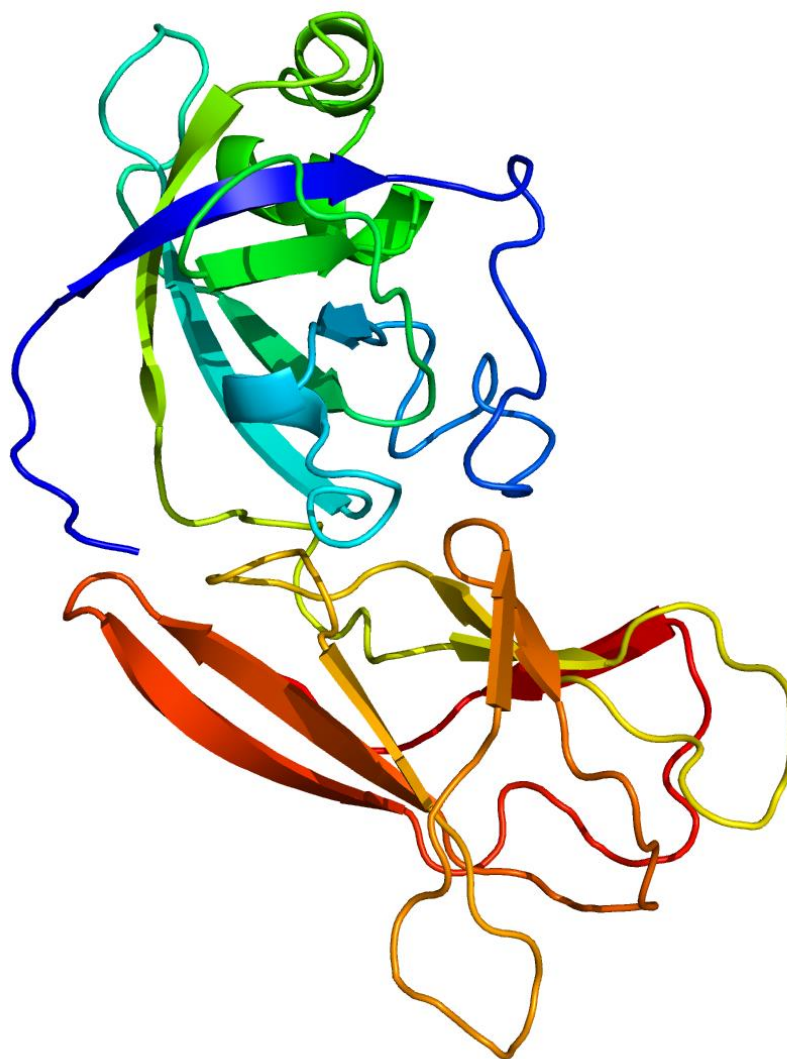
Locus: Sobic.001G311000

Gene Model: Sobic.001G311000.1.p

Description: SbEXLA-01

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

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

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

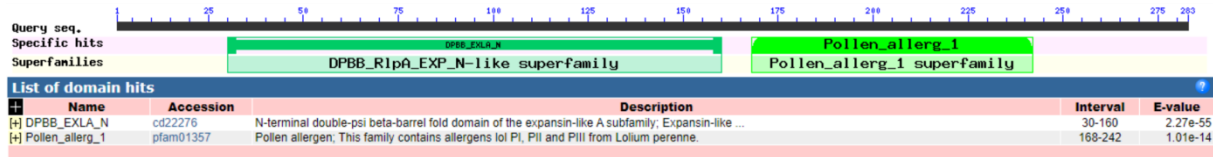
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SbEXLA-01

MAVVTRGAASLPFVLLLPVLVVVVVFAAPSPANGCDRCVRRSKATYQASSLALNAG
 SCGYGSLAASFNGGFLAAASPELYRGGVACGACFQVRCRDSELCSAAGAKVVVTDQ
 ARTSSNRTGLVLSAAAYAAMATARAGKAARLRDRRVVDVEYKRIPEYAKDRNLSI
 RVEEKSRRPPSDLSIRFLYQGGQTDIVAVDVATVGSSNWRFMTRDHGPAWSTAQAPA
 GPLQLRLVVTGGYDGGKVVWAESEVLPRRWEAGR VYDTGVQVSDVAQEGCYP CDT
 HQWQ*

CDS (coding sequence)

>SbEXLA-01

ATGGCTGTCGTCACCAGAGGCCGCGTCCCTGCCCTTCGTCTTGCTGCTCCCAGT
 CCTAGTCGTCGTCGTCGTCCTTCGCGGCCCGTCGCCGGCCAACGGCTGCGACCGC
 TGCGTGCGCCGGTCCAAGGCCACCTACCAGGCTTCGTCGCTAGCCCTCAACGCCG
 GTTCGTGCGGGTACGGCTCCCTCGCCGCGTCCTTCAACGGCGGCTTCCTCGCCGCC
 GCCAGCCCCGAGCTCTACAGGGGCGGGCGTCGCCTGCGGTGCCTGCTTCCAGGTGC
 GGTGCAGGGACAGCGAGCTGTGCAGCGCGGGCGGGCGCGAAGGTGGTGGTGACGG
 ACCAGGCGCGGACGTCGTCGAACCGCACGGGCCTGGTGCTGAGCGCCGCGGGCGT
 ACGCGGCCATGGCCACCGCCCGCGCCGGCAAGGCCGCGCGCCTCAGGGACCGCC
 GCGTCGTCGACGTCGAGTACAAGAGGATACCCTGCGAGTACGCCAAGGACCGCA
 ACCTGTCGATACGCGTGGAGGAGAAGAGCCGGCCGCGGAGCGACCTCTCCATCA
 GGTTCTGTACCAGGGCGGCCAGACCGACATCGTCGCCGTCGACGTCGCCACCGT
 CGGGTCGTCCA ACTGGCGGTT CATGACGCGGGACCACGGGCCGGCGTGGAGCAC
 GGCGCAGGCGCCGGCGGGGCGGCTGCAGCTGCGGCTGGTGGTGACCGGCGGGTA
 CGACGGCAAGTGGGTGTGGGCGGAGTCGGAGGTGCTGCCGCGACGGTGGGAGGC
 CGGCCGCGTCTACGACACCGGGGTGCAGGTATCCGACGTCGCGCAGGAAGGGTG
 CTACCCCTGCGACACGCACCAGTGGCAGTAA

Nucleotide

>SbEXLA-01

GCGCCCCCGCGCTGCGGCACGCGTGTCCCGGAGGTCGGTGGCCGCCCCCTCCCG
 CTGGCCCCCTGTGTCCAGAACCTCTCTCGCTATATCCGTCCACGGCGCCGTGCT
 TCGCTGCCAAAGTCCCAACCGCGTCCTCGTGTCCAAAACATTCTGCGGCCTGTTG

GAGGGCAGGGCAGCACCAAGTATCAGTCTAGCCCCGACCTGGCACCAGCAAGCT
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CAACGGCGGGCTTCCTCGCCGCCAGCCCCGAGCTCTACAGGGGGCGGCGTCGCC
TGCGGTGCCTGCTTCCAGGTAGTACCTTCTTTTACTTCGCCGGAGCTGTCGGCAGC
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