

## IDENTIFICATION

**Species:** *Sorghum bicolor*

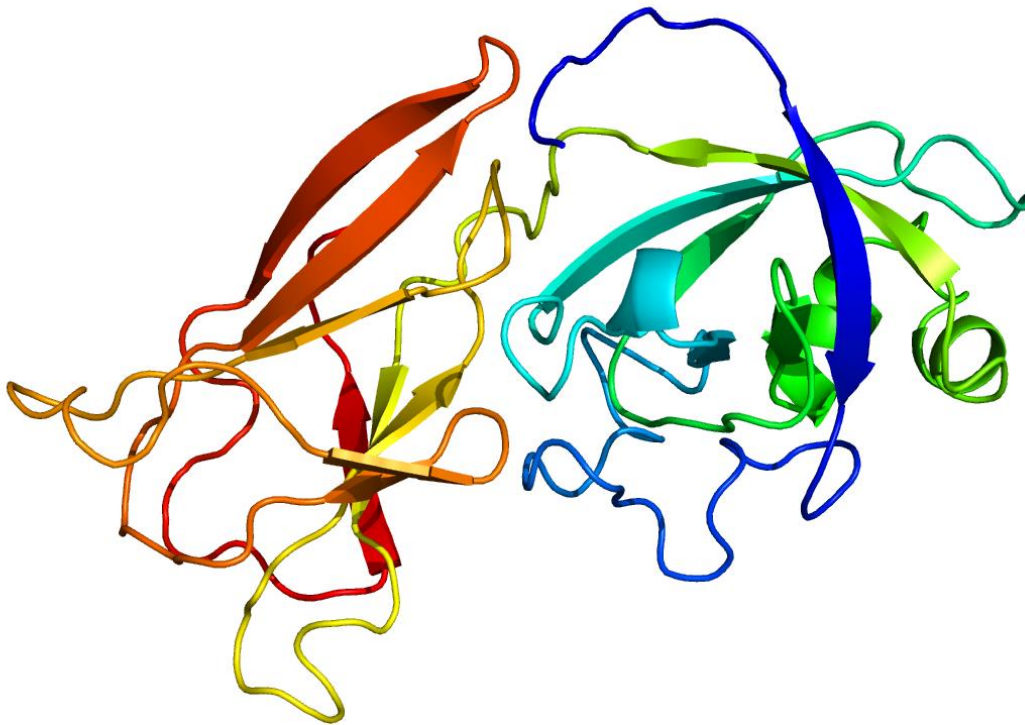
**Locus:** Sobic.002G300000

**Gene Model:** Sobic.002G300000.1.p

**Description:** SbEXLA-03

**Family:** Expansin Like Alpha

**3D structure:**



## GENOME DATABASES

Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sbicolor\\_v3\\_1\\_1](https://phytozome-next.jgi.doe.gov/info/Sbicolor_v3_1_1)

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

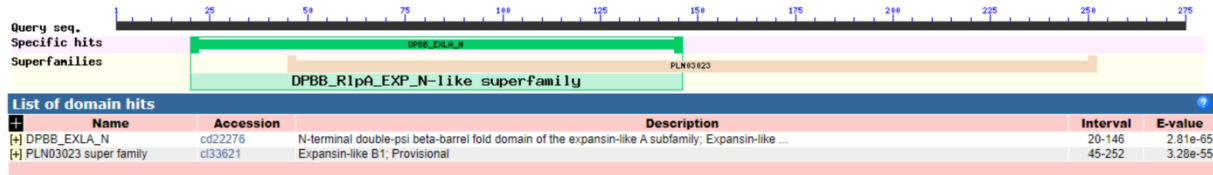
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbEXLA-03

MDVLLCCCLLLLASAASAGSERCVRQGKAAYSPSSLSPVPHGSSGACGYGAMAAEI  
 NGGFLAAGGPRQHRGGLGCGRCFQMRCRDAKLCSAGGVRVVLTDHFHRSNRDFFL  
 AGPAFAVLAKPGMAQQLNRLDALSV EYKRIPCEYKEKNLSIRVEEGSDKNRGNL VV  
 KLLYQGGQTDILAVDVAPVGSSAEWRFMTRVYGPVWSTPRAPAGPLQFRAVVTGGY  
 DGKWWWAEQEVLPADWRPGQVYDTGVRIADVARDGCRGCAAADAAMDDWK\*

### CDS (coding sequence)

>SbEXLA-03

ATGGACGTCCTCCTCTGCTGCTGCTTGCTGCTGCTCCTGGCCTCCGCCGCGTCCGC  
 CGGCAGCGAGCGCTGCGTGCGGCAGGGGAAGGCGGCCTACTCACCTCTTCGCTC  
 TCCCCGGTCCCTCACGGTAGCAGCGGGGCGTGCGGGTACGGCGCCATGGCCGCCG  
 AGATCAATGGGGGATTCCCTCGCCGCCGGCGGGGCCAGGCAGCACCGCGGTGGCC  
 TCGGCTGCGGCCGCTGCTTCCAGATGAGATGCCGAGACGCAAAGCTGTGCAGCGC  
 CGGCGGAGTGCGGGTGGTGCTCACCGACTTCCACAGGAGCAACCGCACCGACTTC  
 CTGCTCGCCGGGCCCGCCTTCGCGGTCCTTGCCAAGCCCGGGATGGCCCAGCAGC  
 TCAACAGGCTAGACGCCCTCTCCGTAGAGTACAAAAGGATTCCGTGCGAGTACAA  
 GGAGAAGAACCTGTCGATCCGGGTGGAAGAAGGGAGCGACAAGAACCGAGGCA  
 ACCTGGTGGTGAAGCTGCTGTACCAGGGCGGCCAGACCGACATCCTGGCGGTGG  
 ACGTGGCCCCCGTGGGCTCGTCGGCGGAGTGCGGGTTCATGACGCGGGTGTACGG  
 GCCCGTGTGGAGCACGCCGCGGGCGCCCGCGGGACCGCTGCAGTTCCGGGCGGT  
 GGTCACGGGCGGCTACGACGGCAAGTGGGTGTGGGCAGAGCAGGAGGTGCTCCC  
 GGCGGACTGGCGCCCCGGACAGGTCTACGACACCGGCGTCCGCATCGCCGACGT  
 CGCCAGGGACGGCTGCCGGGGATGCGCCGCCGCGGACGCCGCGATGGACGACTG  
 GAAGTGA

### Nucleotide

>SbEXLA-03

CATGTGCTACACTACACTACACAGAAGCAAGTCTCCTTCCCTCTCTACTCTCTCTC  
 TCTTAGTGCTCGCCGGCTCTTCCCGCCGCCATGGACGTCCTCCTCTGCTGCTGCT  
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GGGGAAGGCGGCCTACTCACCTCTTCGCTCTCCCCGGTCCCTCACGGTAAGCTA  
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CAGCAGTAGTCTGCAAGGGGGAATCTGTTTGTTGCCTTTTGGTTTTCTTCATTTCA  
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