

## IDENTIFICATION

**Species:** *Sorghum bicolor*

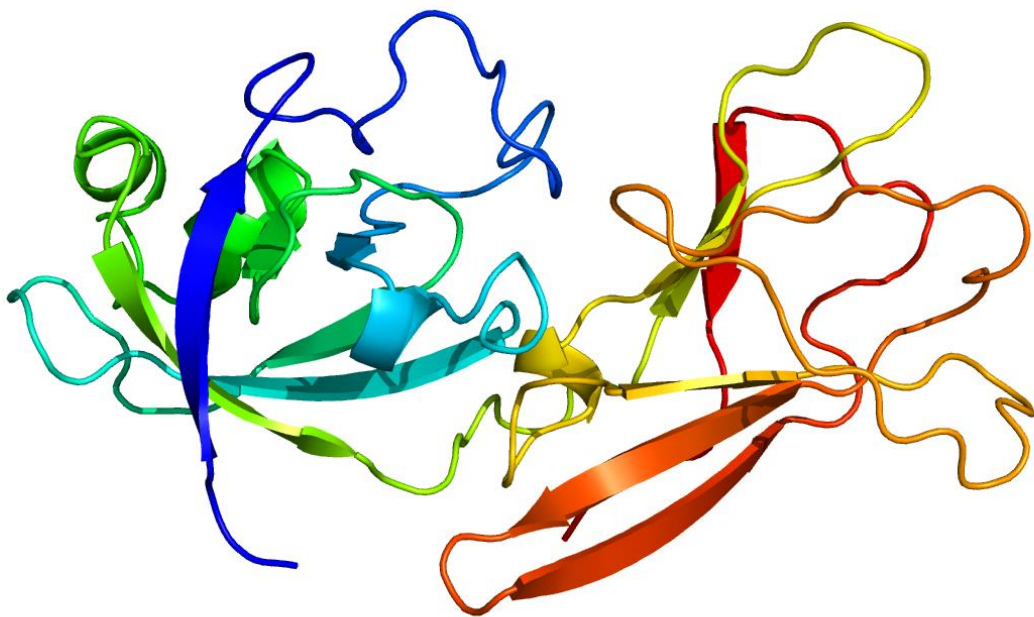
**Locus:** Sobic.002G300000

**Gene Model:** Sobic.002G300000.2.p

**Description:** SbEXLA-04

**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>

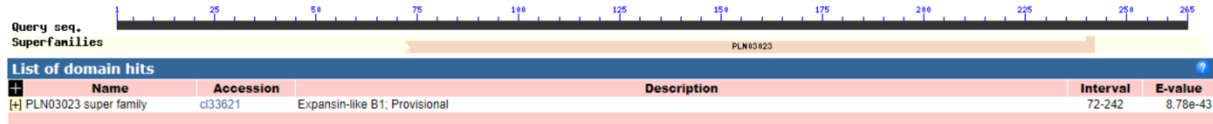
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SbEXLA-04

MCYTTLHRSKSPSLSTLSLSSARRLFPPPWTSSSAAACCCSWPPPRPPAASAACGRGR  
 RPTHPLRSPRSLTMRCRDAKLC SAGGVRVVL TDFHRSNRTDFLLAGPAFAVLAKPGM  
 AQLNRLDAL SVEYKRIPCEYKEKNLSIRVEEGSDKNRGNL VVKLLYQGGQTDILAV  
 DVAPVGSSAEWRFMTRVYGPVWSTPRAPAGPLQFRAVVTGGYDGKWWAEQEV L  
 PADWRPGQVYDTGVRIADVARDGCRGCAAADAAMDDWK\*

### CDS (coding sequence)

>SbEXLA-04

ATGTGCTACACTACACTACACAGAAGCAAGTCTCCTTCCCTCTCTACTCTCTCTCT  
 CTCTAGTGCTCGCCGGCTCTTTCCGCCGCCATGGACGTCCTCCTCTGCTGCTGCTT  
 GCTGCTGCTCCTGGCCTCCGCCGCGTCCGCCGGCAGCGAGCGCTGCGTGCGGCAG  
 GGGAAGGCGGCCTACTCACCTCTTCGCTCTCCCCGGTCCCTCACGATGAGATGC  
 CGAGACGCAAAGCTGTGCAGCGCCGGCGGAGTGCGGGTGGTGCTACCGACTTC  
 CACAGGAGCAACCGCACCGACTTCTGCTCGCCGGGCCCGCCTTCGCGGTCTCTG  
 CCAAGCCC GGATGGCCCAGCAGCTCAACAGGCTAGACGCCCTCTCCGTAGAGT  
 ACAAAGGATTCCGTGCGAGTACAAGGAGAAGAACCTGTTCGATCCGGGTGGAAG  
 AAGGGAGCGACAAGAACCGAGGCAACCTGGTGGTGAAGCTGCTGTACCAGGGCG  
 GCCAGACCGACATCTGGCGGTGGACGTGGCCCCCGTGGGCTCGTCGGCGGAGT  
 GGCGTTTCATGACGCGGGTGTACGGGCCCGTGTGGAGCACGCCGCGGGCGCCCG  
 CGGGACCGCTGCAGTTCGGGGCGGTGGTCACGGGCGGCTACGACGGCAAGTGGG  
 TGTGGGCAGAGCAGGAGGTGCTCCCGGCGGACTGGCGCCCCGGACAGGTCTACG  
 ACACCGGCGTCCGCATCGCCGACGTCGCCAGGGACGGCTGCCGGGGATGCGCCG  
 CCGCCGACGCCGCGATGGACGACTGGAAGTGA

### Nucleotide

>SbEXLA-04

GCATGTGCTACACTACACTACACAGAAGCAAGTCTCCTTCCCTCTCTACTCTCTCT  
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CAGCAGTAGTCTGCAAGGGGGAATCTGTTTGTTCCTTTTGGTTTTCTTCATTTCA  
GTCAATCATCAAGGGAATAAATTTGGGACTTCCGGTTCGATTTTCGTACCAAATGT  
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