

## IDENTIFICATION

**Species:** *Setaria italica*

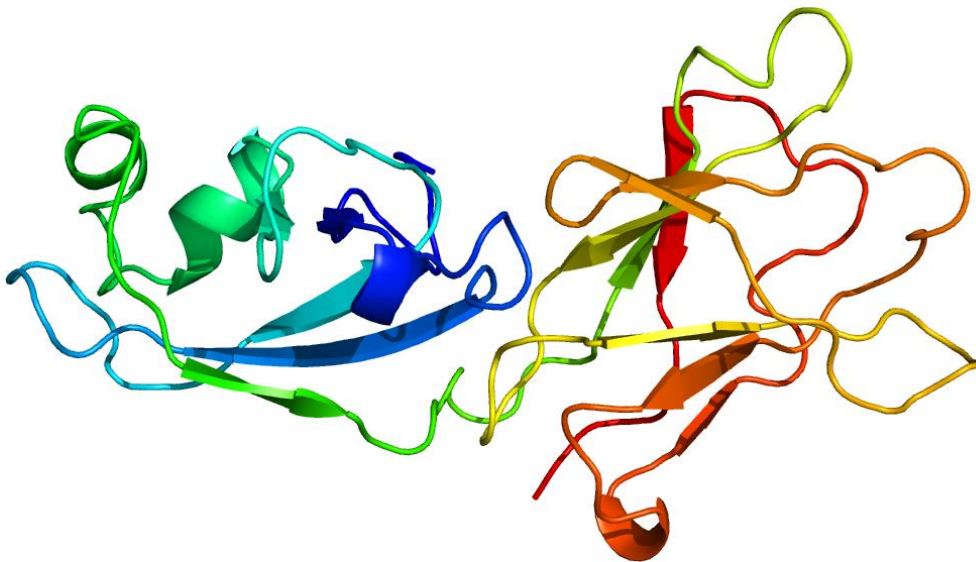
**Locus:** Seita.2G311700

**Gene Model:** Seita.2G311700.2.p

**Description:** SitEXLA-02

**Family:** Expansin Like Alpha

**3D structure:**



## GENOME DATABASES

Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sitalica\\_v2\\_2](https://phytozome-next.jgi.doe.gov/info/Sitalica_v2_2)

KEGG: <https://www.genome.jp/entry/gn:T02818>

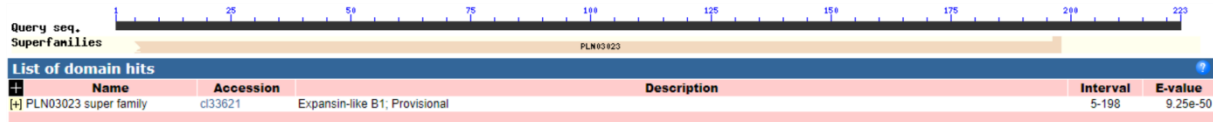
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SitEXLA-02

MAAEINGGFLAAGGPRQHRGGLGCGRCFQMRCRDARLCSSRGVVRVVLTFHRSNRT  
DFLLGGPAFAGLAKPGVAHELKRLDALSV EYKRIPCDYKDKNLSVLVEEGSKSPSNL  
VVKFLYQGGQTDILAVDVAPVGSSEWRFMTRVHGPVWRTDRAPAGPLQFRAVVTG  
GYDGKWWAEREVLPAGWRPGQVYDTGVRIADVARDGCQRCVGGGAASAAALDW  
K\*

### CDS (coding sequence)

>SitEXLA-02

ATGGCCGCGGAGATCAATGGGGGCTTCCTCGCCGCGGGGGGCCAGGCAGCAC  
CGGGGAGGGCTCGGCTGCGGGAGATGCTTCCAGATGAGATGCAGAGATGCAAGG  
CTGTGCAGCAGCAGGGGAGTGCGGGTCGTGCTCACCGACTTCCACAGGAGCAAC  
CGTACTGACTTCCTGCTCGGCGGGGCCCGCTTCGCGGGCCTGGCCAAGCCCGGGG  
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CTGCGACTACAAGGACAAGAACCTGTCCGTA CTGGAAGAAGGGAGCAAGAG  
TCCAAGCAACCTGGTCGTCAAGTTCCTGTACCAGGGCGGCCAGACCGACATCCTG  
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CACGGGCCGGTGTGGCGCACGGACCGGGCCCCCGCGGCCCGCTGCAGTTCGGG  
GCCGTGGTCACCGGCGGGTACGACGGCAAGTGGGTGTGGGCCGAGCGGGAGGTG  
CTCCCGGCGGGCTGGCGGCCCGGCCAGGTCTACGACACCGGCGTCCGGATCGCCG  
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### Nucleotide

>SitEXLA-02

GCAGCCGCATGTGCTAGCCAGAGGCAGGTCACAGTCTCCTCTTCTCCCTCTACTG  
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