

## IDENTIFICATION

**Species:** *Setaria italica*

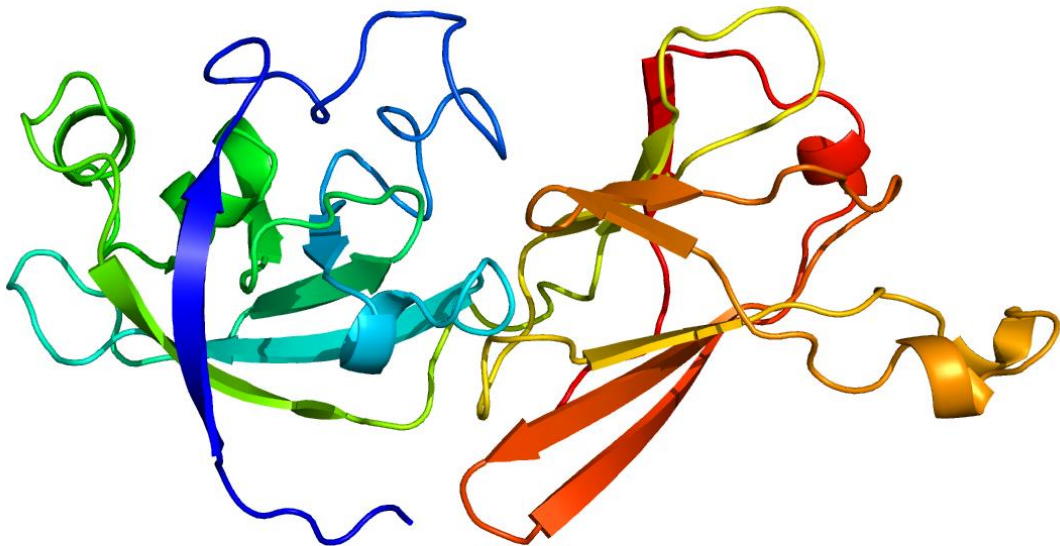
**Locus:** Seita.4G284800

**Gene Model:** Seita.4G284800.1.p

**Description:** SitEXLA-03

**Family:** Expansin Like Alpha

**3D structure:**



## GENOME DATABASES

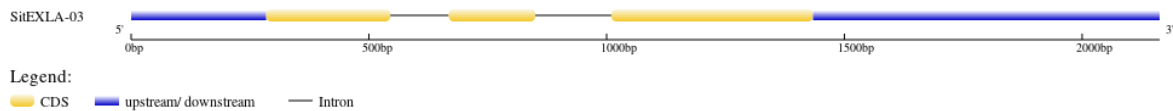
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sitalica\\_v2\\_2](https://phytozome-next.jgi.doe.gov/info/Sitalica_v2_2)

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

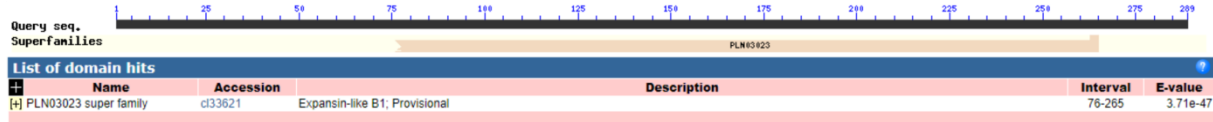
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SitEXLA-03

MALLLLLLFTISQFLLPASCSPSSKNNNYCDWCPRHSTASLLPPASADLDDCGYGAA  
MAMDLNNGGHAAAAGAEFFRDGAGCGACYQLRCRDRRVCGDGGVKVVVTGAANR  
TGFLLGREAFAAMARPGMADQLAAALDDDNVQVDFRRTPCHEYKKNLTVQVEEGSR  
NPGQLGIRFLYQGGQTEIAAVEIAAQQANYHTQTASSSWRPMARRLRRAWRTPRAP  
AGPLRLRLVVTAGFGGKWLLAKEAVLPADWRPGQAYGTGLRVTDVALRTCARSCR  
ARPPGDEELRR\*

### CDS (coding sequence)

>SitEXLA-03

ATGGCGCTGCTGCTGCTTCTTCTTCCACCATCAGCCAGTTCCTGCTTCCCGCGTC  
CTGCTCTCCGTCTTCCAAGAACAACAATACTACTGCGACTGGTGCCCTCGTCACT  
CCACCGCCTCTCTCCTCCCTCCCGCCTCCGCCGACCTCGACGACTGTGGGTACGGG  
GCTGCCATGGCTATGGACCTCAACGGAGGACACGCCGCCGCCGCGGGCGCCGAG  
TTCTTCCGCGACGGGGCCGGCTGCGGCGCCTGCTACCAGTTGCGGTGCAGAGACC  
GGCGGGTTTGCGGCGACGGCGGCGTCAAGGTCGTCGTGACGGGCGCGGCAACC  
GGACGGGGTTCTGTCTCGGCAGGGAGGCCTTCGCCGCGATGGCCAGGCCCGGCA  
TGGCCGATCAACTCGCCGCCGCTTGGACGACGACAATGTCCAGGTCGACTTCAG  
GAGGACACCTTGCGAGTACAAGAAGAATCTGACCGTCCAAGTGGAGGAGGGGAG  
CCGGAACCCGGGCCAGCTCGGCATCCGGTTCCTGTACCAGGGTGGGCAGACCGA  
GATCGCCGCCGTGAGATCGCCGCGCAGCAGGCGAATTACCACACCCAGACGGC  
GTCGTGTCGTGGCGGCCATGGCGCGGCGGCTGCGCCGTGCGTGGCGCACCCCG  
CGCGCCCCGGCCGGCCCGCTGCGGCTCCGCCCTCGTCGTCACGGCCGGCTTCGGCG  
GCAAGTGGCTGTTGGCCAAGGAGGCCGTGCTGCCGGCGGACTGGCGGCCTGGCC  
AGGCGTACGGCACGGGCCTCCGGGTACCGACGTGCGCCCTGCGCACCTGCGCCCC  
CTCCTGCCGCGCGCGCCCCCTGGCGACGAGGAGCTCAGACGGTGA

### Nucleotide

>SitEXLA-03

TCAACCCCATGTCCCCATCATCCATTCCGTCCACCCGTGAGCCTTGGACCCACTCG  
GCCACTCCACTCACGCGCCCGGGATATTCTGATTTCTTCCCTTCTTCCCTCGTATTTT  
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CAGTTGCGGTGCAGAGACCGGCGGGTTTTCGGGCGACGGCGGCGTCAAGGTCGTC  
GTGACGGGCGCGGCCAACCAGGACGGGGTTCTGCTCGGCAGGGAGGCCTTCGCC  
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AATGTCCAGGTGACTTCAGGAGGTAACCTGATCGCACTTTTACAACCTGCAAATAT  
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CCTGTGTCGTGTTCTTGCTTGCGCATTACGGCTGCAGAGACTTGCAGCTCAAAT  
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CTAAGTATACATGCACTGCAACTGCAAGGATAGATGCTGCATGCGTTTCGTAATG  
ACAAATATAATGTGCCGGCGATAGATCTCACAAAGGTTTCTCGGCTTTGGAAGGA  
TGCACGAGATTCATTGCCACTGATAGCGCATCTATCTATCAGGCACAATGTACAA  
TGCAGGATAATGAC