

## IDENTIFICATION

**Species:** *Setaria italica*

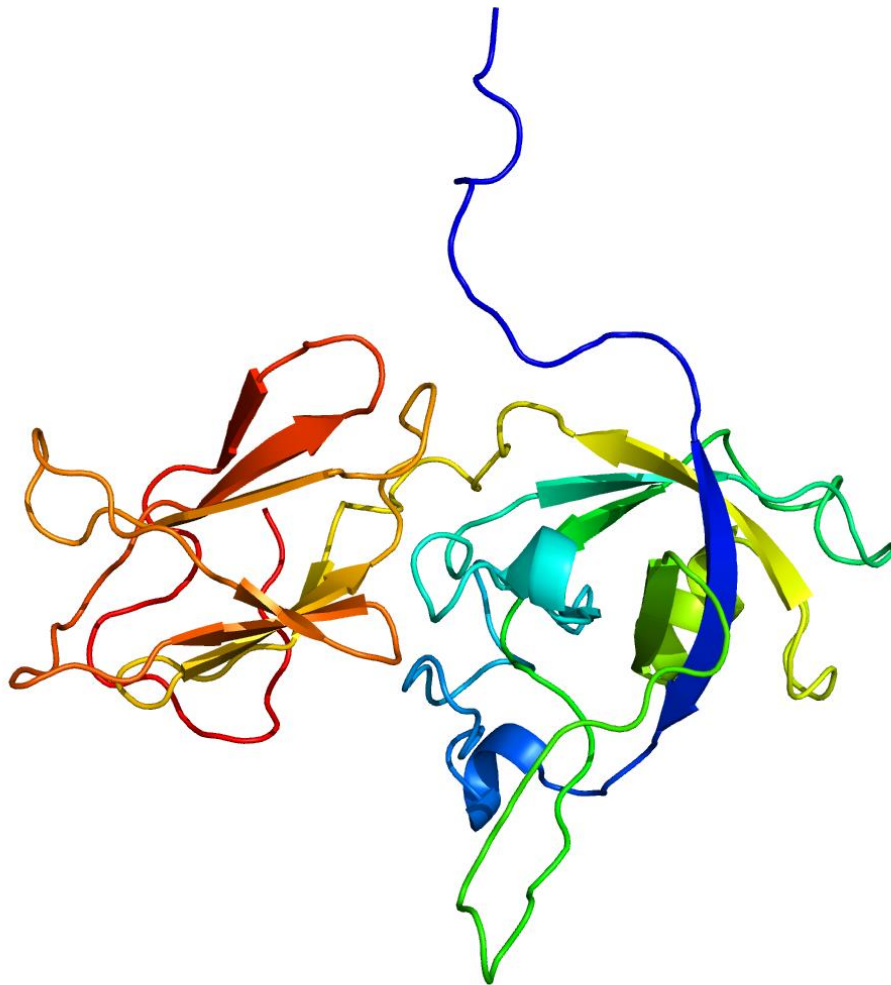
**Locus:** Seita.4G213300

**Gene Model:** Seita.4G213300.1.p

**Description:** SitEXPA-11

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

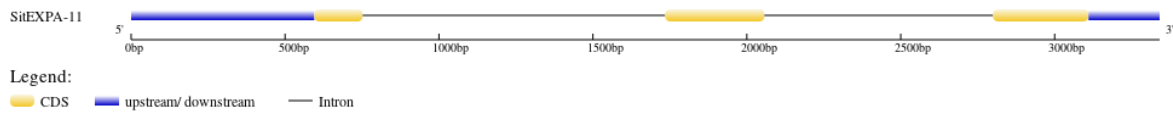
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sitalica\\_v2\\_2](https://phytozome-next.jgi.doe.gov/info/Sitalica_v2_2)

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

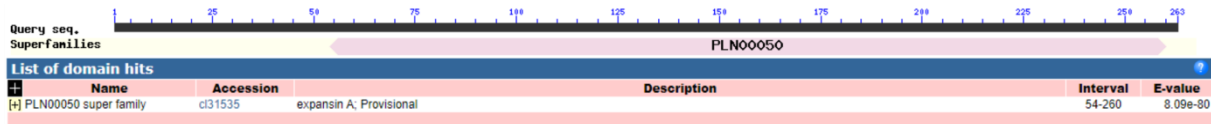
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SitEXPA-11

MVRSPLPLLLLLLLLLSGAGIGGGVRLGNGGYEDWRLGTATYVKEFQSHPLNDGGGA  
CGYGDLDIFRYGRYTAGLSAALFGRGGACGGCYELRCVNDIRGCLRASPTVVVTAT  
DFCPANMGLADEAGGWCNFPREHLELSEAFLRVAKAKASIVPVQFRRVSCDRAGG  
MRFTITGSAHFLQVLITNVAADGEVAAVKVKGSRGTGWIPMGRNWXQNWQCDADLR  
GQPLSFEVTGGRGRTVTAYSVAPADWMFAQTFEGKQFVE\*

### CDS (coding sequence)

>SitEXPA-11

ATGGTGAGGTCGCTGCCTCTGTTCTTGCTGCTTCTGCTGCTGCTCTCCGGAGCCGG  
CATCGGCGGCGGCGTACGGCTCGGCAATGGCGGCTACGAGGACTGGAGGCTCGG  
CACCGCCACCTACGTCAAGGAGTTCAGTCGCACCCGCTCAACGACGGTGGCGGG  
GCCTGCGGGTACGGCGACCTGGACATCTTCAGGTACGGGCGCTACACGGCGGGG  
CTGAGCGCGGCGCTGTTTCGGGCGCGGCGGCGCGTGC GGCGGCTGCTACGAGCTCC  
GGTGCGTCAACGACATCCGGGGGTGCCTCCGGGCCAGCCCCACGGTGGTGGTGA  
CGGCGACGACTTCTGCCCGGCAACATGGGCCTCGCCGACGAGGCCGGCGGCT  
GGTGAACCTCCCCGGGAGCACCTCGAGCTGTCCGAGGCCGCGTTCCTCCGCGT  
CGCCAAGGCCAAGGCCAGCATCGTTCGGGTGCAGTTCGGGAGGGTGAGCTGCGA  
CAGGGCGGGCGGCATGCGGTTACGATCACCGGCAGCGCGCACTTCCTGCAGGT  
GCTGATACCAACGTGGCGGCCGACGGCGAGGTGGCCGCGGTGAAGGTGAAGGG  
GTCGCGGACGGGGTGGATCCCGATGGGGCGGAACTGGGGCCAGAACTGGCAGTG  
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CGGACGGTCACCGCGTACAGCGTCGCGCCGGCGGACTGGATGTTTCGCGCAGACG  
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### Nucleotide

>SitEXPA-11

CGTTCCAACGAGAGCCCTCCCTCACACTCTCCTCTGCAACTGCACGCGTAGCCGC  
TGAAAACCTGAAACACAAGTGAATAATGCCACAGGAAAACGAGAGTCTGAACATT  
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