

## IDENTIFICATION

**Species:** *Setaria italica*

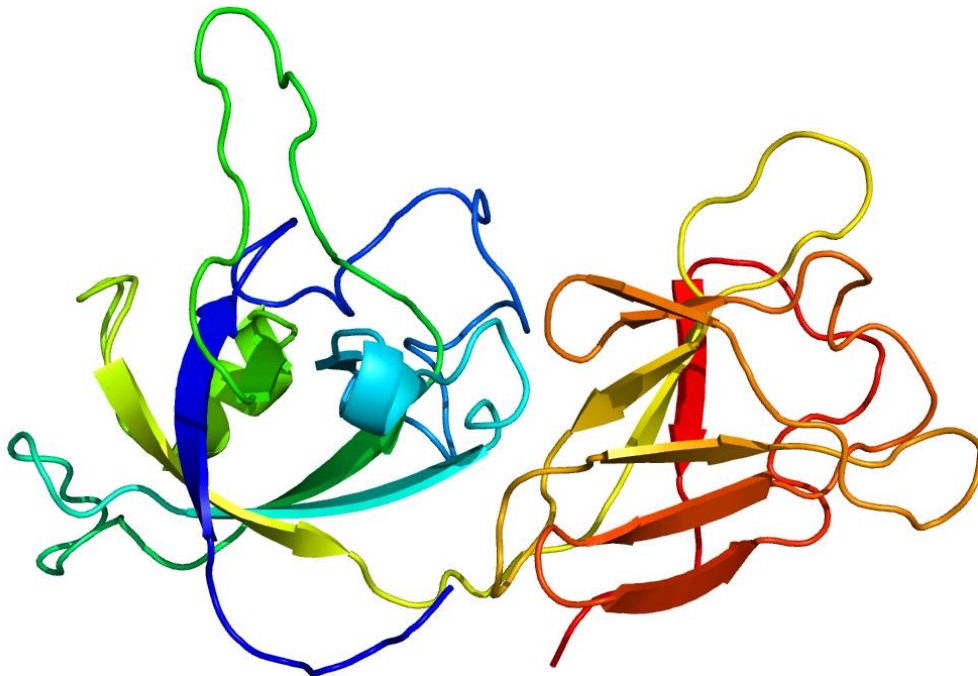
**Locus:** Seita.9G241600

**Gene Model:** Seita.9G241600.1.p

**Description:** SitEXPA-25

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

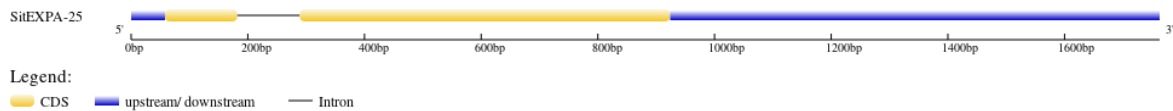
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Sitalica\\_v2\\_2](https://phytozome-next.jgi.doe.gov/info/Sitalica_v2_2)

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

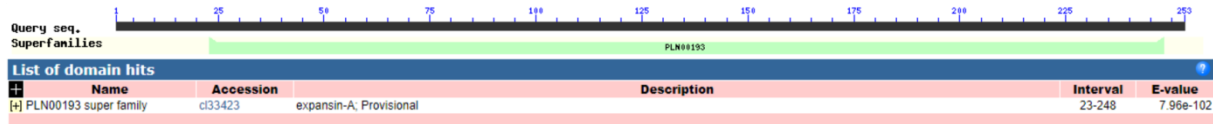
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>SitEXPA-25

MDMAKSLILCTALAACTLAAAGWSQGTATFYGGPDGSDTMGGACGYDNLNAG  
YGVLNAALSQTLFNDGASCGQCYLITCDGSRQGGQYCKPGTSITVSATNLCPPNYAL  
PNGGWCGPGRPHFDMSQPAFENIGIAQAGIIPVQYQRVQCKRSGGVRFISIAGSNYFLL  
VNIQNLGGSGSVGAAWVKGEKTGWIQMSRNWGANWQALAGLVNQGLSFAVTSTG  
GQYIQFLNVAPGWWQFGQTFNTNYQNFA Y\*

### CDS (coding sequence)

>SitEXPA-25

ATGGATATGGCCAAGTCCCTGATTCTGTGCACAGCGCTCGCGGCGTGCCTCACGC  
TCGCCGCCGCCGGCTGGTCTCAAGGCACCGCCACGTTCTACGGCGGACCCGACGG  
CTCCGACACCATGGGTGGCGCGTGCGGGTACGACAACCTGTACAACGCCGGGTA  
CGGCGTGCTCAACGCGGCGCTCAGCCAGACGCTGTTCAACGACGGCGCGTTCGTGC  
GGGCAGTGCTACCTCATCACCTGCGACGGGTACGCCAGGGCGGCCAGTACTGCA  
AGCCCGGCACGTCGATTACGGTCTCGGCCACCAACCTGTGCCCCGCCAACTACGC  
GCTCCCAACGGCGGCTGGTGC GGCCCGGGCCGCCCCACTTCGACATGTTCGAG  
CCGGCGTTTGAGAACATCGGCATCGCCAGGCCGGCATCATCCCTGTCCAGTACC  
AGCGGGTCCAGTGCAAGCGCAGCGGCGGCGTGCGCTTCAGCATCGCCGGCTCAA  
ACTACTTCTTACTCGTCAACATCCAGAACCTCGGCGGCAGCGGCTCCGTGGGAGC  
CGCCTGGGTCAAGGGCGAGAAGACGGGGTGGATCCAGATGTCCAGGAACTGGGG  
CGCCA ACTGGCAGGCGCTCGCCGGGCTTGTC AACCAGGGGCTCAGCTTCGCCGTC  
ACCAGCACTGGCGGGCAGTACATTCAGTTCCTCAACGTCGCGCCAGGGTGGTGGC  
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### Nucleotide

>SitEXPA-25

CCTCGTCTGCTCCGTTCCATCTCGTTCATTCTCTGCAGCTAACTCTGCATTGGCGTC  
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