

IDENTIFICATION

Species: *Setaria italica*

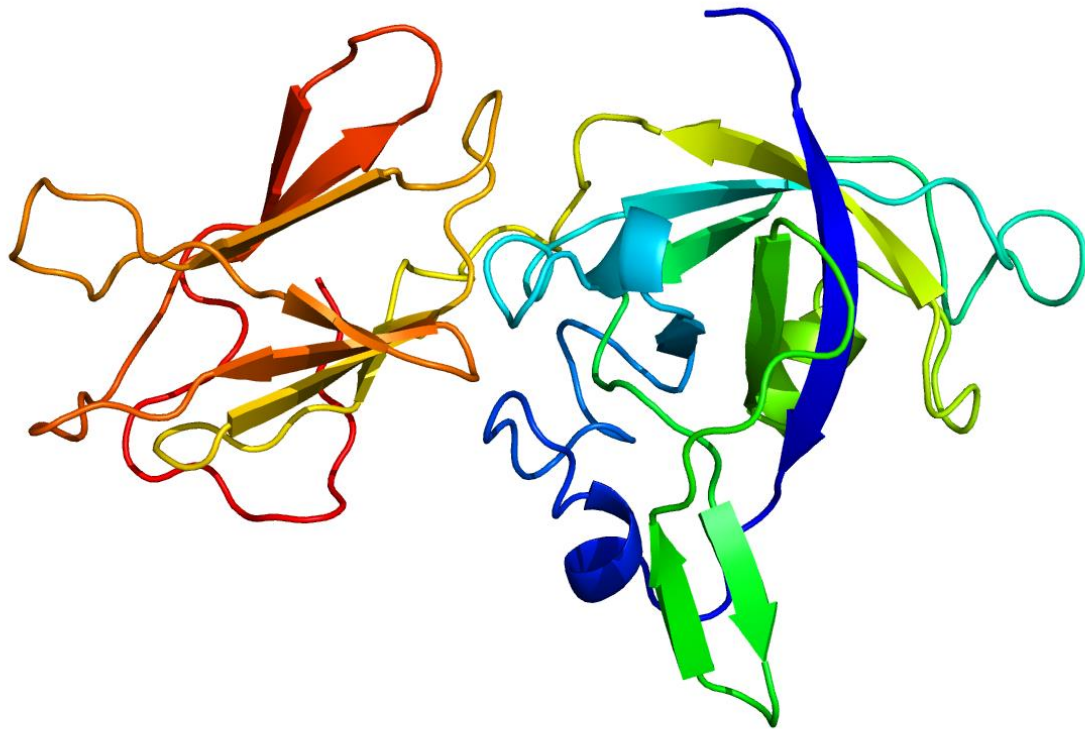
Locus: Seita.9G385300

Gene Model: Seita.9G385300.1.p

Description: SitEXPA-33

Family: Alpha Expansin

3D structure:



GENOME DATABASES

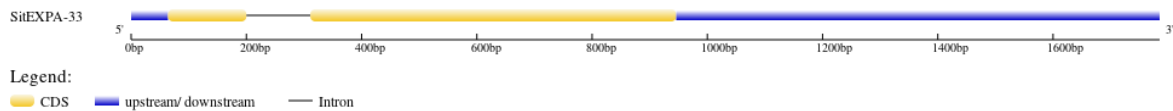
Phytozome: https://phytozome-next.jgi.doe.gov/info/Sitalica_v2_2

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

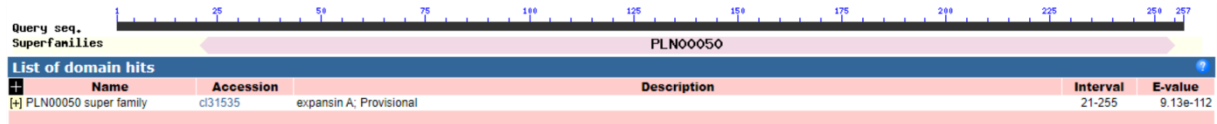
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SitEXPA-33

MPSLPFLLLSLALLSLSSPAQGYGVGRWMNARATFYGGADASGTMGGACGYGDLYS
QGYGTETTALSTALFSGGLSCGACFELRCAGGGRGSSSCVPGASVVVTATNFCPPNY
ALPGGAGGWCNPLRHFDSLQPAFLRIARYRAGVVPVAYRRVPCRRRGGIRFTVNGH
AYFALVLVANVGGAGDVRAVAVRGGTRGRWRAMARNWGQNWQSGAPLDGKPLS
FRVTTSDHRSVVSYNVAPAGWAFGQTFGGQFP*

CDS (coding sequence)

>SitEXPA-33

ATGCCATCGCTCCCGTTCCTTCTGCTCTCGCTGGCCCTGCTCTCGCTGTCCTCTCCA
GCTCAAGGCTATGGCGTCGGGCGCTGGATGAATGCGCGCGCCACCTTCTACGGCG
GCGCCGACGCCTCCGGCACGATGGGCGGCGCGTGCGGGTACGGCGACCTGTACA
GCCAGGGGTACGGCACGGAGACGACGGCGCTGAGCACGGCGCTCTTCAGCGGCG
GGCTGAGCTGCGGCGCGTGCTTCGAGCTCCGGTGCGCCGGCGGCGGCCGTGGGT
GTCGTCGTGCGTGCCGGGGCCCTCCGTCGTGGTGACGGCCACCAACTTCTGCCCG
CCAACTACGCGCTCCCGGCGGCGCCGGCGGGTGGTGCAACCCGCCGCTGCGCC
ACTTCGACCTCTCGCAGCCGGCGTTCTCCGCATCGCCCGGTACCGCGCCGGCGT
CGTCCCGTTCGCCTACCGCAGGGTGCCGTGCAGGCGGCGGCGGCATCCGGTTC
ACCGTCAACGGGCACGCCTACTTCGCCCTGGTGCTGGTCGCCAACGTGGGCGGCG
CTGGCGACGTGCGCGCCGTGGCCGTGAGGGGCGGCACCCGGGGGCGGTGGCGGG
CCATGGCACGGAACGGGGCCAGAACTGGCAGAGTGGCGCGCCCCCTCGACGGGA
AGCCGCTCTCGTTCAGGGTCAACCACGACGACCGCTCCGTCGTTTCTACAA
CGTCGCGCCCGCGGATGGGCCTTCGGCCAGACATTCACCGGGGGCCAGTTCCCG
TAA

Nucleotide

>SitEXPA-33

TTCGGAGGCGTCTCGCTAGCTTCGCTTGCTTTTTCGCCCCGCTGCATTGCACGCTGA
CAGAGAAGATGCCATCGCTCCCGTTCCTTCTGCTCTCGCTGGCCCTGCTCTCGCTG
TCCTCTCCAGCTCAAGGCTATGGCGTCGGGCGCTGGATGAATGCGCGCGCCACCT
TCTACGGCGGCGCCGACGCCTCCGGCACGATGGGTGCGTCGTACAATATGGTCGT
CGATCATTGGGCGAGATCGAGCTTAGTTTACAACCAATATGGCTGATCAATTGT

