

IDENTIFICATION

Species: *Oryza sativa*

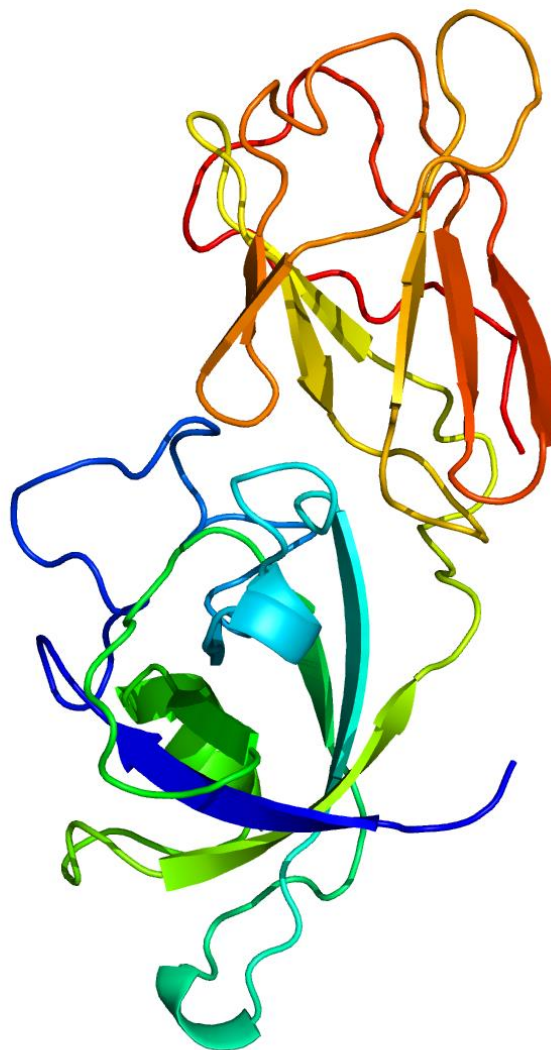
Locus: LOC_Os05g19570

Gene Model: LOC_Os05g19570.1

Description: OstEXPA-24

Family: Alpha Expansin

3D structure:



GENOME DATABASES

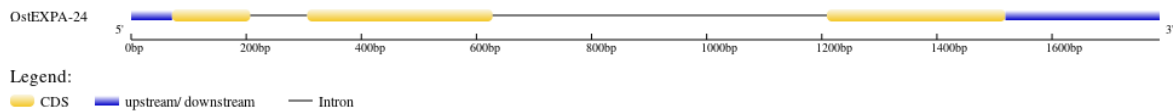
Phytozome: https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0

KEGG: <https://www.genome.jp/entry/T01015>

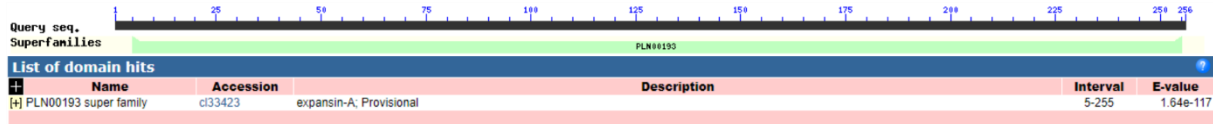
EXTERNAL RESOURCES

<http://rice.uga.edu/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OstEXPA-24

MLSGMEKQPAMLLVLVTLCAFACKRSVAQSAFATFYGGKDGSGTMGGACGYGNLY
NAGYGLYNAALSSALFNDGAMCGACYTITCDTSQTKWCKPGGNSITITATNLCPPNW
ALPSNSGGWCNPPRQHFDMSPAWENIAVYQAGIVPVNYKRVPQQRSGGIRFAISGH
DYFELVTVTNVGGSGVVAQMSIKGSNTGWMAMSRNWGANWQSNAYLAGQSLSFIV
QLDDGRKVTAWNVAPSNWFFGATYSTSWVQF*

CDS (coding sequence)

>OstEXPA-24

ATGCTCTCTGGAATGGAGAAACAACCTGCAATGCTTCTCGTTCTTGTGACTCTG
CGCCTTCGCATGCAAGCGATCCGTCGCACAGTCTGCCTTTGCCACGTTCTACGGTG
GCAAGGACGGGTTCGGGCACCATGGGTGGCGCGTGTGGGTACGGTAACCTGTACA
ACGCCGGGTACGGGCTGTACAACGCGGCGCTGAGCTCGGCGCTGTTCAACGACG
GCGCCATGTGCGGCGCGTGCTACACCATCACCTGCGACACCAGCCAGACCAAGTG
GTGCAAGCCC GGCGGCAACTCCATCACCATCACGGCCACCAACTTATGCCCGCCT
AACTGGGCGCTGCCAGCAACAGCGGCGGGTGGTGCAACCCACCGCGGCAGCAC
TTCGACATGTCACAGCCGGCCTGGGAGAACATCGCCGTCTATCAAGCCGGCATTG
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CGATCAGCGGTACGACTACTTTGAGCTTGTGACCGTGACGAACGTGGGCGGCAG
CGGCGTGGTGGCGCAGATGTCGATCAAGGGGTCCAACACGGGCTGGATGGCGAT
GAGCAGGAATTGGGGCGCCAATTGGCAGAGCAACGCGTACCTCGCCGGGCAGAG
CCTGTCCTTCAATTGTGCAGCTCGACGACGGCCGAAAGGTCACGGCCTGGAACGTC
GCCCCGTCCA ACTGGTTCTTCGGTGCCACCTACTCTACCTCTTGGGTGCAGTTCTG
A

Nucleotide

>OstEXPA-24

ACAACACAAAACGAAAACCTAAAGAATCACCAGCCTTGCAAACCAATCAACCTG
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