

IDENTIFICATION

Species: *Oryza sativa*

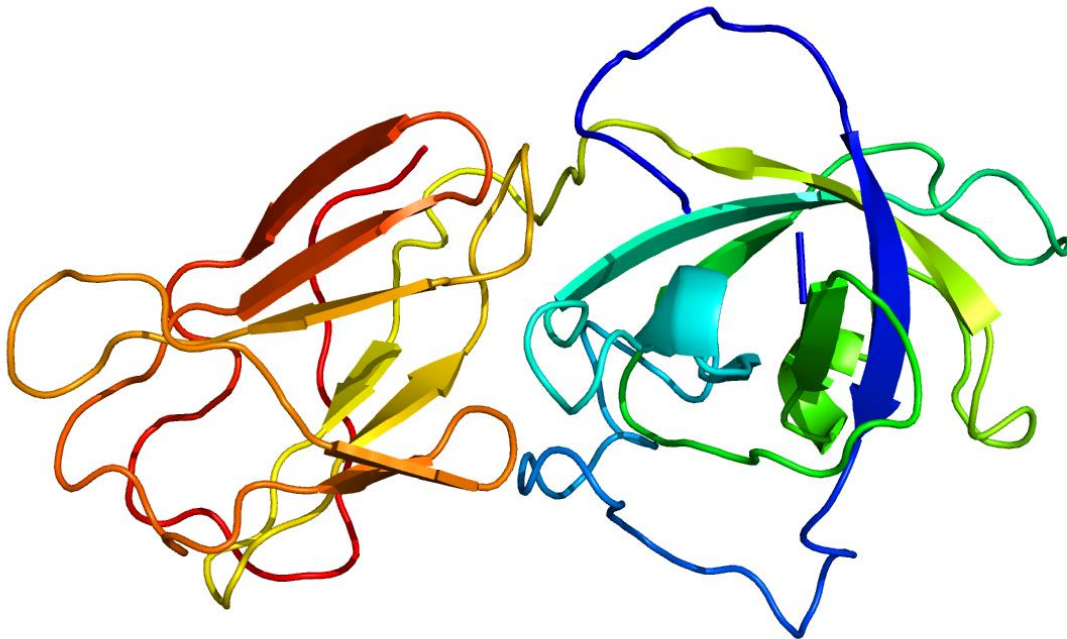
Locus: LOC_Os04g49410

Gene Model: LOC_Os04g49410.1

Description: OstEXPA-23

Family: Alpha Expansin

3D structure:



GENOME DATABASES

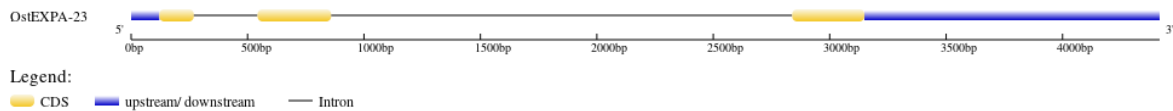
Phytozome: https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0

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

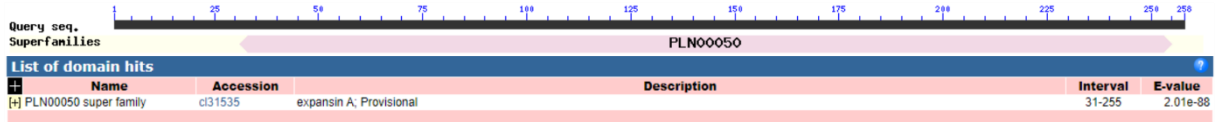
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OstEXPA-23

MAPCLLLVLFLLPALATGHQHPSTLGSSALSEWRS AKASYAADPEDAIGGACGFGD
LGKHGYGMATVGLSTALFERGAACGGCYEVKCVDDLKYCLPGTSIVVTATNFCAPN
FGLPADAGGVCNPPNHHFLLPIQSF EKIALWKAGVMP IQYRRVNCLR DGGVRF AVAG
RSFFLTVLISNVGGAGDVRSVKIKGTESGWLSMGRNWGQIWHINSDFRQPLSFELTS
SDGKTLTNYNVVPKEWDFGKTYTGKQFL*

CDS (coding sequence)

>OstEXPA-23

ATGGCTCCCTGCCTCCTCCTCGTCCTCTTCCTCCTCCCGGCGCTCGCCACCGGCCA
CCAGCACCCGTCACCCCTCGGCTCCTCCGCCCTCTCCGAGTGGCGCTCCGCCAAG
GCCTCCTACTACGCCGCCGACCCGGAAGACGCCATCGGTGGCGCGTGCGGGTTCG
GGGATCTGGGGAAGCACGGGTACGGGATGGCGACGGTGGGGCTGAGCACGGCGC
TGTTTCGAGCGCGGCGCGGCGTGC GGCGGCTGCTACGAGGTGAAGTGC GTGGATG
ACCTCAAGTACTGCCTCCCCGGAACCTCCATCGTCGTCACGGCCACCAACTTCTG
CGCCCCGA ACTTCGGTCTCCCCGCCGACGCCGGCGGCGTCTGCAACCCGCCAAC
CACCATTTCCTCCTCCCCATCCAGTCCTTCGAGAAGATTGCGCTCTGGAAGGCCG
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GCCTCTCTCCTTCGAGCTCACCTCAAGTGATGGAAAACATTGACCAACTACAAC
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Nucleotide

>OstEXPA-23

ACTATAGCCAAAGCAATTCACACTCGCACGGGCTCGAGACGGCAGCACAGCTCC
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