

IDENTIFICATION

Species: *Oryza sativa*

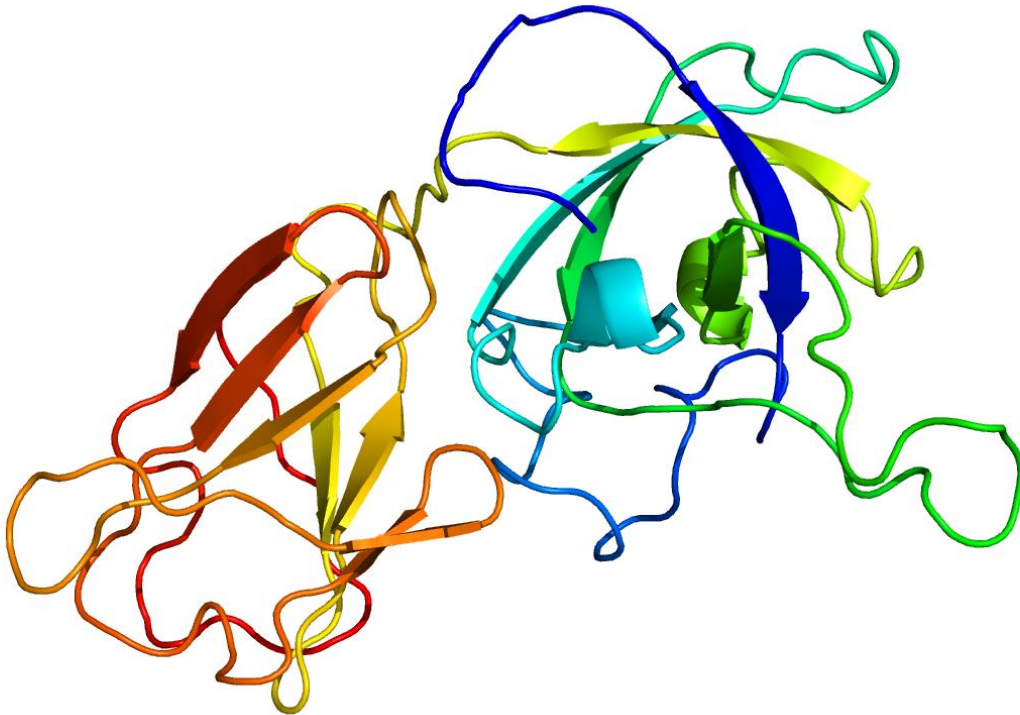
Locus: LOC_Os05g39990

Gene Model: LOC_Os05g39990.1

Description: OstEXPA-26

Family: Alpha Expansin

3D structure:



GENOME DATABASES

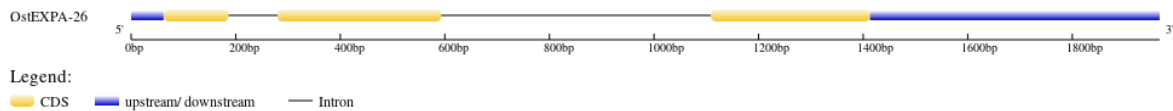
Phytozome: https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0

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

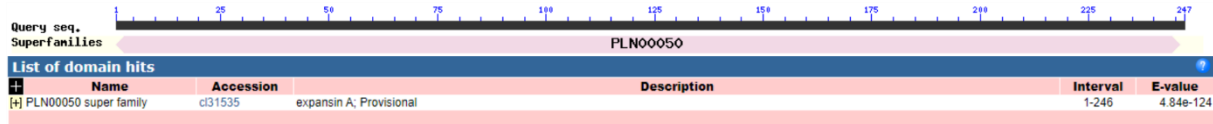
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OstEXPA-26

MAIAGVLFLLFLARQASAAGYGGWQSAHATFYGGGDASGTMGGACGYGNLYSQG
YGTNTAALSTALFNDGAACGSCYELRCDNAGSSCLPGSITVTATNF CPPNYGLPSDD
GGWCNPPRPHFDMAEPAFLHIAQYRAGIVPVSFRRVPCVKKGGVRFVTVNGHSYFNLV
LVTNVAGAGDVRVSISIKGSRGTGWQPMSRNWQNWQSN AFLDGGQSLSFQVTASDGR
TVTSNNVAHPGWQFGQTFEGGQF*

CDS (coding sequence)

>OstEXPA-26

ATGGCGATCGCTGGCGTTCTCTTCCTCCTCTTCTTGGCACGGCAAGCCTCCGCCGC
CGGGTACGGCGGGTGGCAGAGCGCCACGCCACGTTCTACGGCGGGCGGCGATGC
TTCCGGCACCATGGGCGGGGCTTGCGGTTACGGCAACCTGTACAGCCAAGGGTAT
GGCACGAACACCGCGGGCGCTGAGCACGGCGCTGTTCAACGACGGCGCGGGCGTGC
GGGTCGTGCTACGAGCTGCGGTGCGACAACGCCGGGAGTTCGTGCCTGCCGGGCT
CCATCACCGTGACGGCCACCAACTTCTGCCCGCCCAACTACGGCCTCCCCAGCGA
CGACGGCGGCTGGTGCAACCCGCCCGCCCTCACTTCGACATGGCCGAGCCGGCA
TTCCTCCACATCGCCAGTACCGCGCCGGCATCGTCCCCGTCTCCTTCCGCAGGGT
GCCGTGCGTGAAGAAGGGTGGGGTCAGGTTACCGTGAACGGGCACTCCTACTTC
AACCTGGTGCTGGTGACCAACGTGGCCGGCGCCGGCGACGTCCGCTCCGTCTCCA
TCAAGGGGTCGCGCACCGGGTGGCAGCCCATGTCGCGGAACTGGGGCCAGA
GGCAGAGCAACGCGTTCCTCGACGGCCAGAGCCTCTCCTTCCAGGTCACCGCCAG
CGACGGCCGCACCGTACACAGCAACAACGTGCGCCACCCCGGCTGGCAGTTCGGC
CAGACCTTCGAGGGTGGCCAGTTCTAG

Nucleotide

>OstEXPA-26

ACACTGCCAAGCTCCGCTTCAAGTGAGCTAGTCTAGCCAGCGTTTAGACACCATC
ACCAGCAATGGCGATCGCTGGCGTTCTCTTCCTCCTCTTCTTGGCACGGCAAGCCT
CCGCCGCCGGGTACGGCGGGTGGCAGAGCGCCACGCCACGTTCTACGGCGGGCG
GCGATGCTTCCGGCACCATGGGTGAGTAGTAGAATCTCATGCGCAGCCGGCGAAT
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CACCGCGGCGCTGAGCACGGCGCTGTTCAACGACGGCGCGGCGTGCGGGTTCGTG
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