

IDENTIFICATION

Species: *Oryza sativa*

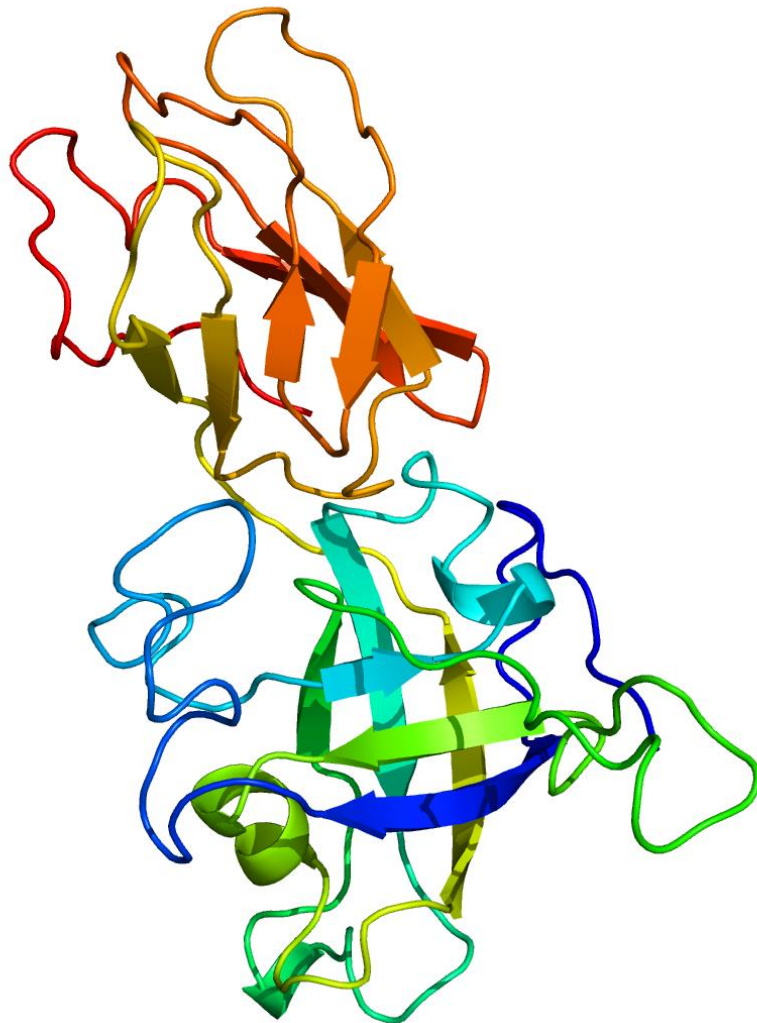
Locus: LOC_Os03g60720

Gene Model: LOC_Os03g60720.1

Description: OstEXPA-21

Family: Alpha Expansin

3D structure:



GENOME DATABASES

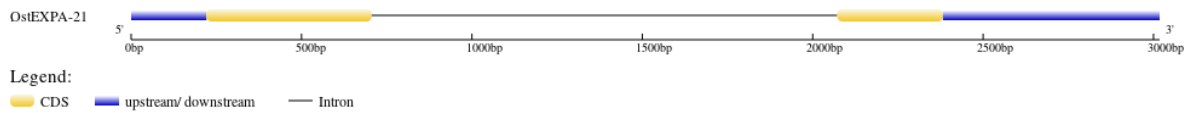
Phytozome: https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0

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

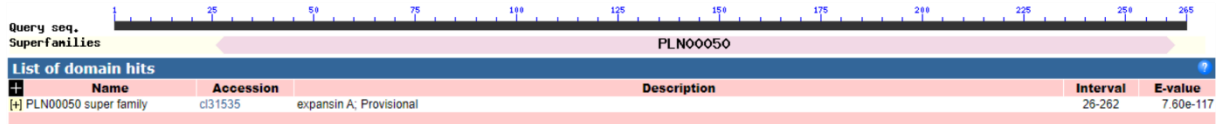
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OstEXPA-21

MSPAPRVLVLVVATVVALQVSPAAGRIPGAYGGGEWQSAHATFYGGSDASGTMGG
ACGYGNLYSQGYGVNNAALSTALFNSGQSCGACFEIKCVNQPGWEWCHPGSPSILIT
ATNFCPPNYALPSDNGGWCNPPRPHFDLAMPMFLHIAEYRAGIVPVSYRRVPCRKKG
GVRFTINGFRYFNLVLITNVAGAGDIVRASVKGTSTGWMPMSRNWQNWQNSVVLV
GQALSFRVTGSDRRTSTSWNAAPAGWHFGQTFEGKNFRV*

CDS (coding sequence)

>OstEXPA-21

ATGTCGCCGGCGCCGGGTGTTGGTGGTGGTGGCCACAGTGGTGGCGCTGC
AGGTGTCGCCGGCGGGGGCGGATCCCGGGGGCGTACGGGGGGCGGGAGTGGC
AGAGCGCGCACGCAACGTTCTACGGGGGCAGCGACGCGTCAGGGACGATGGGCG
GGGCGTGCGGGTACGGGAACCTGTACAGCCAGGGGTACGGGGTGAACAACGCGG
CGCTGAGCACGGCGCTGTTCAACTCCGGGCAGAGCTGCGGCGCGTGTTCGAGAT
CAAGTGCGTGAACCAGCCCAGGGTGGGAGTGGTGGCCACCCGGGGAGCCCCTCCAT
CCTCATCACCGCCACCAACTTCTGCCCCGCCAACTACGCCCTCCCCTCCGACAAC
GGCGGCTGGTGAACCCCTCCTCGCCCCACTTCGACCTCGCCATGCCCATGTTCCCT
CCACATCGCCGAGTACCGCGCCGGCATCGTCCCCGTCTCCTACCGCCGGGTGCCG
TGCAGGAAGAAGGGAGGGGTTCGGTTCACGATAAACGGGTTCAGGTACTTCAAC
CTGGTGCTGATCACGAACGTGGCCGGGGCCGGGGACATCGTGAGGGCGAGCGTG
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CAGTCCAACCTCCGTCTCCTCGTTCGGCCAGGCGCTCTCGTTCGCGGTCACCGGCAGCG
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Nucleotide

>OstEXPA-21

ATTGCTACTACTACCACGCAGCGGGTGACACACACACACAAAAAGTCACAAA
TCTCTACGTTTTTTTTCTCGCGAGGGCGTAGGGCGCGCATAACGCGACGCGGCCAT
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