

IDENTIFICATION

Species: *Oryza brachyantha*

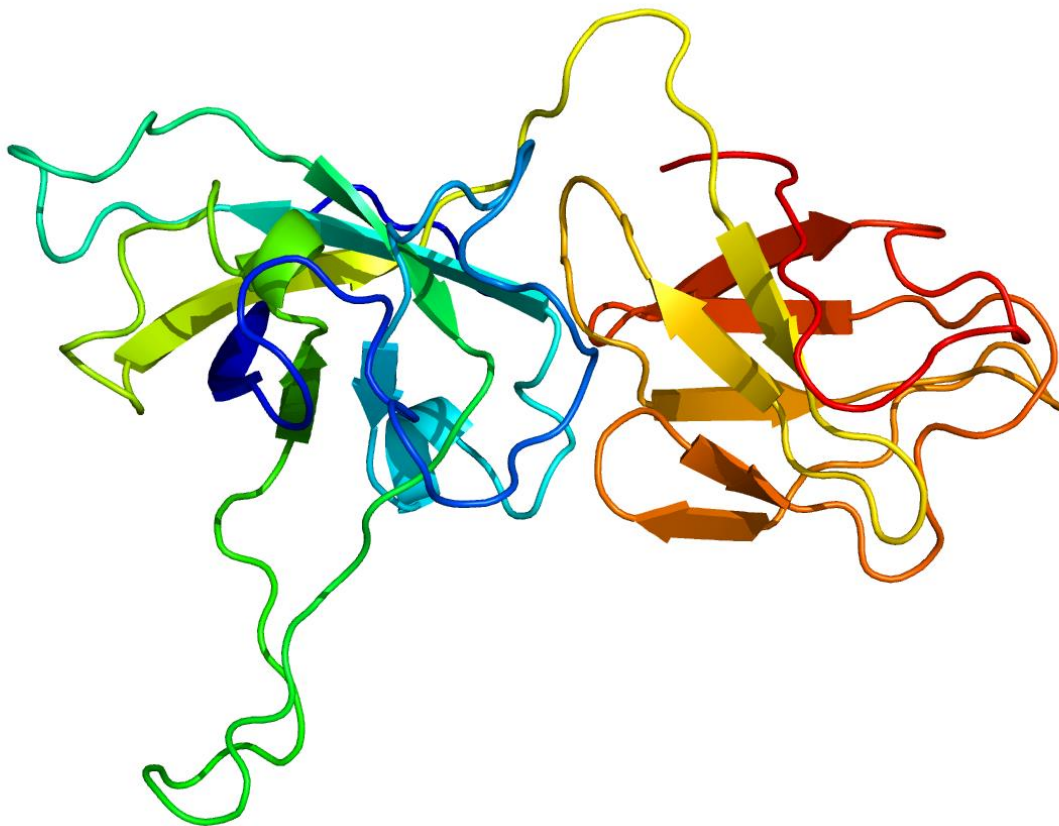
Locus: XP_006644922

Gene Model: XP_006644922.1

Description: ObEXPA-04

Family: Alpha Expansin

3D structure:



GENOME DATABASES

NCBI: https://www.ncbi.nlm.nih.gov/genome/10862?genome_assembly_id=1593936

KEGG: <https://www.genome.jp/entry/T02995>

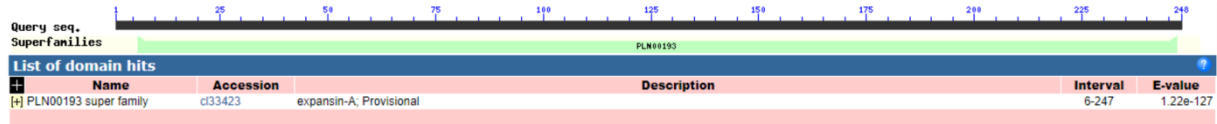
EXTERNAL RESOURCES

<https://rice-genome-hub.southgreen.fr/organism/1941498>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>ObEXPA-04

MASGSALLLLASAFCLARLAAGDYGSCAHATFYGGDASGTMGGACGYGNLYST
GYGTNTAALSTVLFNDGAACGSCYELRCDNDGQWCLPGSVTVTATNLCPPNYALPN
DDGGWCNPPRPHFDMAEPAFLQIGVYRAGIVPVA YRRVPCVKKGGIRFTINGHSYFN
LVLVTNVAGPGDVQSVSIKSSSGWQPMSRNWQNWQSN SYLDGQSLSFQVAVSD
GRTVTSNNVVPAGWQFGQTFEGGQF

CDS (coding sequence)

>ObEXPA-04

GGGCACCGTTCTCTTCACAGCCAAGCAACCATCGATTTCGACCGATCGATCCATCC
ATCCTAGCTTAGCTTTAGCGAGTGTGGTAGCAAAGAGGTTTGAGCTAGTGTGGTA
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TCGCCCGGCTAGCCGCGGCGACTACGGCTCCTGCGCCCACGCCACGTTCTACGG
CGGCGGCGATGCGTCCGGCACGATGGGCGGGGCGTGTGGGTACGGGAACCTGTA
CAGCACCGGGTACGGCACCAACACGGCGGCGCTGAGCACGGTGCTGTTCAACGA
CGGCGCGGCGTGCGGGTCTGCTACGAGCTGCGGTGCGACAACGACGGGCAGTG
GTGCTGCGGGCAGCGTCACCGTCACCGCCACCAACCTCTGCCCGCCCACTAC
GCGTCCCCAACGACGACGGCGGCTGGTGCAACCCGCCGCGCCCCACTTCGACA
TGGCCGAGCCCGCCTTCTCCAGATCGGCGTGTACCGCGCCGGCATCGTGCCCGT
CGCCTACCGAAGGGTGCCGTGCGTGAAGAAGGGAGGGATCAGGTTACCATCAA
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CCAGGTCGCCGTCAGCGACGGCCGACCGTCACCAGCAACAACGTCGTGCCGGC
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Nucleotide

>ObEXPA-04

TGGCCATCCACGAGAACGTACTGGCTTTGAAATGGTGAATTCGTGACGCATATGT
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