

IDENTIFICATION

Species: *Oryza brachyantha*

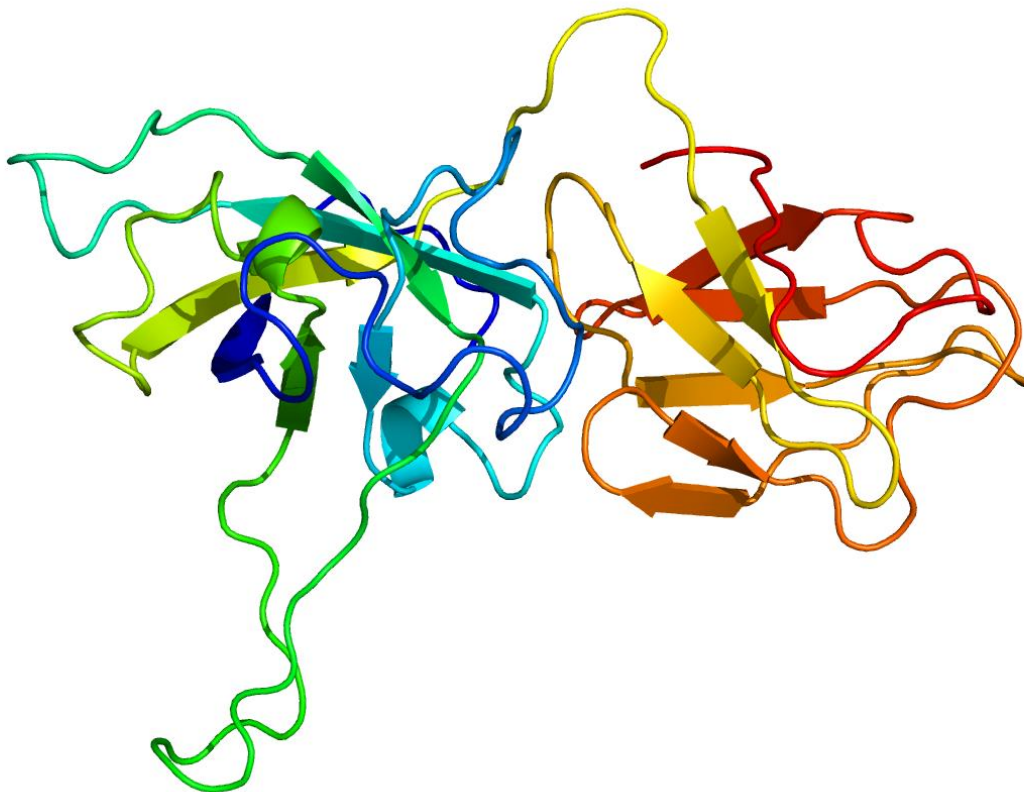
Locus: XP_006654542

Gene Model: XP_006654542.1

Description: ObEXPA-21

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>

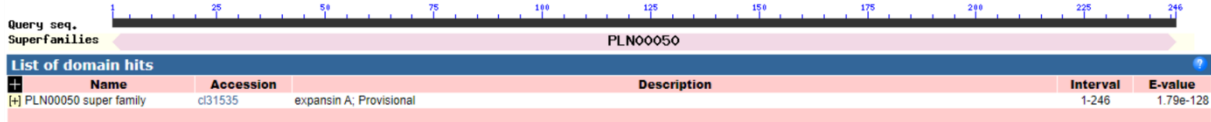
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>ObEXPA-21

MAIAGVLFLLFLAREASAAGYGGWQSAHATFYGGGDASGTMGGACGYGNLYSQGY
 GTNTAALSTALFNDGAACGSCYELRCDNDGRWCLPGSITVTATNFCPPNYGLPSSDDG
 GWCNPPRPHFDMAEPAFLHIAQYRAGIVPVS YRRVPCVKRGGIRFTVNGHSYFNLVL
 VTNVAGAGDVRSVSIKGSRTGWQPMSRNWQNWQSN AFLDQGSLSFQVTASDGRT
 VTSNNVAHPGWQFGQTFEGGQF

CDS (coding sequence)

>ObEXPA-21

TCGGTTCGAGCGAGTGAGGTGAGCGATTAGATACCCTCGCTCTCGAGGTGCGTAC
 GTAACACTTGCTAGGCACAAACGCAGCGAGCAATGGCCATCGCCGGCGTTCTCTT
 CCTCCTCTTCTTGCCCGGGAAGCCTCGGCCGCCGGGTACGGCGGGTGGCAGAGC
 GCCACGCCACGTTCTACGGCGGCGGCGATGCGTCCGGCACGATGGGCGGGGCG
 TGCGGTTACGGCAACCTGTACAGCCAGGGGTACGGCACGAACACGGCGGCGCTG
 AGCACGGCGCTGTTCAACGACGGCGCGGCGTGCGGGTTCGTGCTACGAGCTGCGG
 TGTGACAACGACGGGCGGTGGTGCCTGCCGGGCTCCATCACCGTCACGGCCACCA
 ACTTCTGCCCCGCCAACTACGGCCTCCCCAGCGACGACGGCGGCTGGTGAACCC
 GCCCCGCCCCACTTCGACATGGCCGAGCCGGCCTTCCCTCCACATCGCCCAGTAC
 CGCGCCGGCATCGTGCCCGTCTCCTACCGCAGGGTGCCGTGCGTGAAGAGAGGA
 GGCATCCGGTTCACCGTGAACGGGCACTCCTACTTCAACCTGGTGTGTTGACCA
 ACGTGGCCGGCGCCGGCGACGTCCGGTCCGTCTCCATCAAGGGCTCCCGCACCGG
 GTGGCAGCCATGTGCGGAACTGGGGCCAGAACTGGCAGAGCAACGCCTTCCCT
 CGACGGCCAGAGCCTCTCCTTCCAGGTACCGCCAGCGACGGCCGACCGTCAAC
 AGCAACAACGTCGCCACCCCGGCTGGCAGTTCGGCCAGACCTTCGAGGGCGGC
 CAGTTCTAGACGCCGCCCGTCTCACATATATGGTCTTTCATGTCCTTCGTCTTC
 GTCGTGCGGCGTCTCTCTTCTTCTTTCTTCTTTTGAGAGATTATTTATTTTCC
 GCAAGAGAAAGAAGCTAGCCTCTTCGTTATAGTGGAGAAGAGGTTGTGGGCTAT
 GCTGAGGCTGCTAATTAGCACCCGCTTAGACGTTTTCTTCTCTGGATCAGTCCAA
 TAATGACTGGACCGGTCCACCATCAAGTGTAGTGGTAGTGGTGAAGAGTACTAGT
 ACTGGGAGAGAAAATCAATAATTGATTGATTTAAATTTCTACTTTTGAGCGTTCT
 AGTTCTTGTACCTGGGTGATGGCCTTTGCAGCGGAATTTAAAACCGCAAGGCCGT

