

IDENTIFICATION

Species: *Oryza brachyantha*

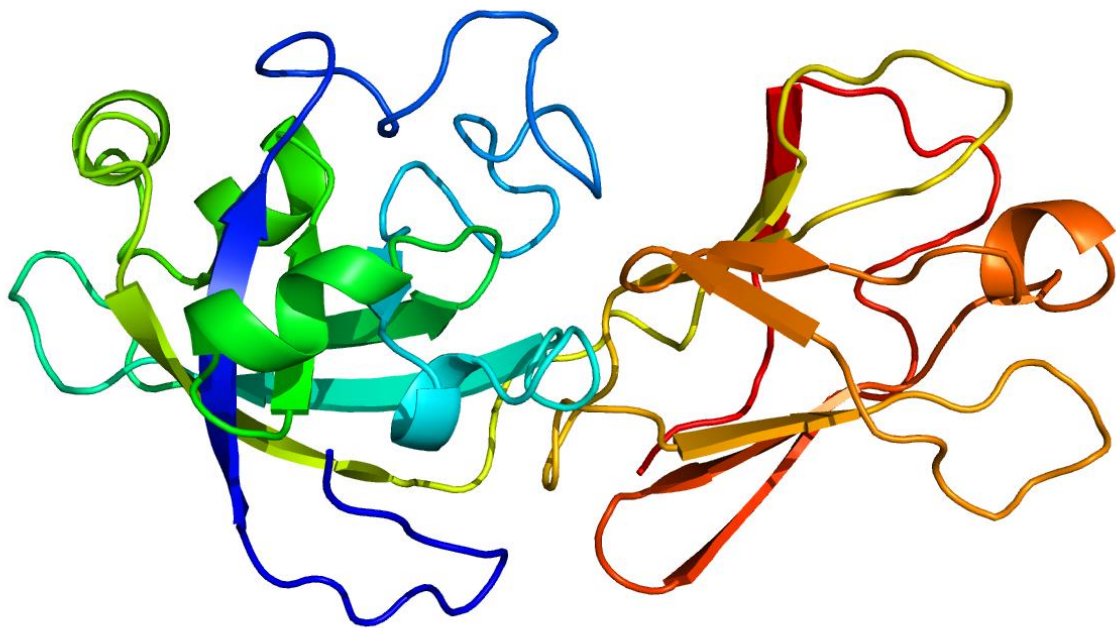
Locus: XP_015689738

Gene Model: XP_015689738.1

Description: ObEXPB-03

Family: Beta Expansin

3D structure:



GENOME DATABASES

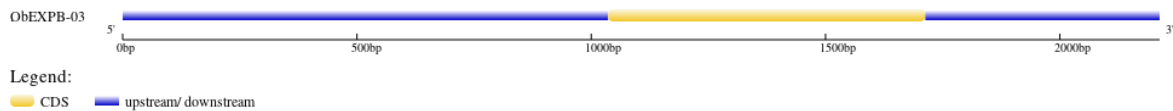
NCBI: https://www.ncbi.nlm.nih.gov/genome/10862?genome_assembly_id=1593936

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

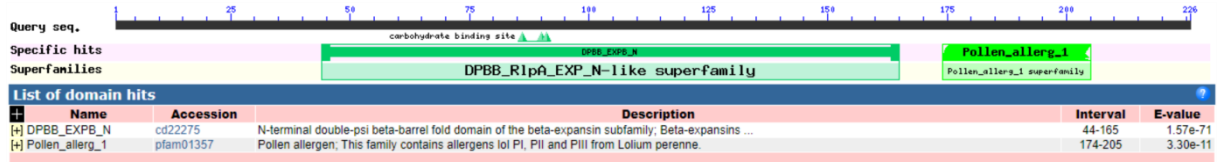
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>ObEXPB-03

MVGSSRSKFGVVLLVLLVCCLALQGCNGGDVAAYNESAAAVGAGWGNKATWYG
QANGAGPADNGGACGFKNVNQYPFMGMTSCGNQPLYKGGKGCSCYRVRCSRHP
ACSGNAQTIAITDMNYFPLSQYHFDLSGTAFGRLAKPGRADDLRRAGIIDVQFERVAC
EFPGLKVGHFVVEEGSSPVYLA VLVEYENGDGDVAQVELREAGAGAGAGPGRTFADP
DFIIN

CDS (coding sequence)

>ObEXPB-03

TCTGGTCAAGCTAACCAGCACTCGAAATGGTAGGCAGTAGCAGAAGCAAGTTTG
GTGTAGTACTAGTAGTTCTGGTGTGCTGCCTGGCCCTGCAGGGGTGCAATGGCGG
CGATGTGGCGGCGTACAACGAGAGCGCGGCGGCTGTGGGGGCGGGGTGGGGCAA
CGCGAAGGCGACGTGGTACGGGCAGGCGAACGGGGCGGGGCCGGCGGACAACG
GCGGCGCGTGCGGGTTCAGAACGTGAACCAGTACCCGTTTCATGGGGATGACGT
CGTGCGGCAACCAGCCGCTGTACAAGGGCGGCAAGGGCTGCGGCTCCTGCTACA
GGGTGAGGTGCAGCCGCCACCCGGCCTGCTCCGGCAACGCCCAGACCATCGCCAT
CACCGACATGAACTACTTCCCGCTCTCCAGTACCACTTCGACCTGAGCGGCACC
GCGTTCGGGCGCCTCGCCAAGCCC GGCCGCGCCGACGACCTCCGCCGGGCGGGG
ATCATCGACGTGCAGTTCGAGCGGGTGGCGTGCGAGTTCGGGGCCTCAAGGTGG
GCTTCCACGTGGAGGAGGGCTCCAGCCCCGTGTACCTGGCGGTGCTGGTGGAGTA
CGAGAACGGCGACGGCGACGTGGCGCAGGTGGAGCTGAGGGAGGCCGGGGCCG
GGGCCGGGGCGGGGCCGGGGCGGACGTTTCGCTGATCCTGATTTTATAATTAATTA
A

Nucleotide

>ObEXPB-03

TTTATGTGTTCTTTTACTGTGCTGGCCTGCCGTTGCTAAGCAATGGTAGGTGATCC
GAATGCTTCATCGGGGCTGTACGTACGAGAAGGCTACACCGGGAACGTGCGCAT
GTTCGCCATCCACACGAACGTTGGTTCCTTTTATTAGTTGGAACAAAATAAGTTTT
TGTTTCTTTCTTTTCTGTTTTAACGGGATTGAGAATGTTTTCTTTGCTCTTTTTT

