

IDENTIFICATION

Species: *Oryza brachyantha*

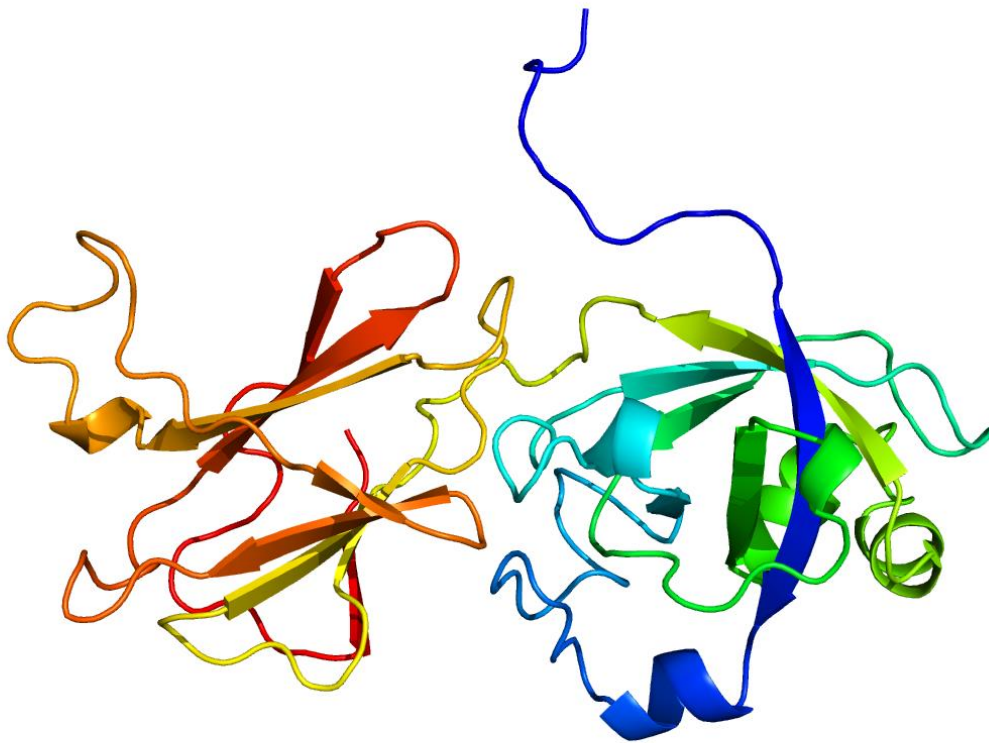
Locus: XP_006653655

Gene Model: XP_006653655.1

Description: ObEXPB-11

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>

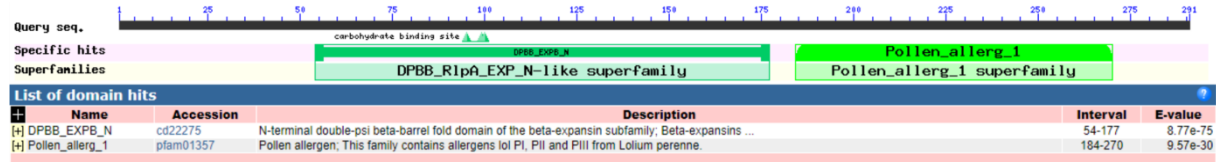
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>ObEXPB-11

MANHATFVLAILVVIPILCLPISGYETNPSTPSRHNYTAGGRSILALDRGYGGWSSGGA
 TWYGGPHGDGSEGGACGYQSAVGQRPFSSMIAAGGPSLFDKDGKCGSCYQIKCTGN
 QACSRPVTVVITDSCPGGACLNEAAHFDMSGTAFGAMANSGMGDLRSAGVNLNIQ
 YKRVPCMFGMNVAFKVDAGSNPYLAVLVQYANGDGDAAVHIMEGGGRSSQRT
 RGGRWTAMQQSWGATWRLNSNTGQPLRAPFSIRLTSGSGKVLVANNVPSGWQAGS
 TYRSAVNYGA

CDS (coding sequence)

>ObEXPB-11

TCAATAATGCTTGGGTGCCACATAATTTGCTACCACGTTTGTGACCCCTAAGCCTG
 GCTATATATACCACCCATATCAATCATCTTGAAAATTACAAAGCAATCACTACTT
 AACGATCCTAACTAGCTCAGCCAAGAAAAATATTAATGGCAAACCACGCCACTTT
 CGTTTTAGCCATCCTCGTGGTAATACCGATCCTATGTCTCCCCATCTCTGGCTACG
 AGACTAATCCCAGCACGCCCTCGCGGCACAACTATACAGCCGGCGGCCGGAGCA
 TACTGGCGTTGGACAGAGGATACGGCGGCTGGTCTCCGGCGGCCGCGACGTGGT
 ACGGCGGGCCTCACGGCGATGGCAGCGAAGGCGGCGCGTGTGGTTACCAGAGCG
 CCGTCGGCCAGCGCCCGTTCTCGTCGATGATCGCCGCCGGCGGGCCCTCCCTATT
 CAAGGACGGCAAAGGCTGCGGCTCATGCTACCAAATTAAGTGCACCGGCAACCA
 GGCTTGCTCCGGCCGACCAGTGACAGTCGTGATCACCGACTCCTGCCCCGGCGGC
 GCATGCCTGAACGAGGCGGCGCACTTCGACATGAGTGGCACTGCCTTCGGCGCCA
 TGGCCAAACAGTGGCATGGGCGACCGCCTACGCTCCGCCGGAGTCCTCAATATCCA
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 GAGGCGGCAGGTGGACGGCGATGCAGCAGTCCTGGGGGGCCACGTGGCGCCTCA
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Nucleotide

>ObEXPB-11

GCGCGAGACTCGGGTGAGATTGGGCCTTGCAGCCAGGTCCGCATCAACATCTCCC
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CGCACGTATAACTCACGGTAAAGTCGTACATATTGCTGTAGGATTACGTGCAAAT
GATGAGAGGGTAGCCATTTGACAAACGTACGGATGACACAAGAGGTGAATGCAT
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