

IDENTIFICATION

Species: *Oryza brachyantha*

Locus: XP_006649234

Gene Model: XP_006649234.1

Description: ObEXPB-06

Family: Beta Expansin

3D structure:



GENOME DATABASES

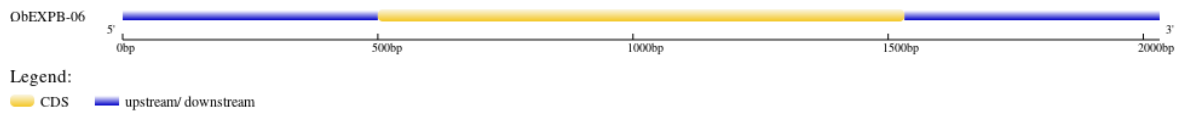
NCBI: https://www.ncbi.nlm.nih.gov/genome/10862?genome_assembly_id=1593936

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

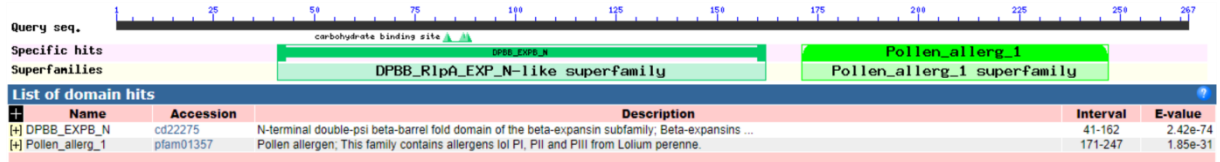
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>ObEXPB-06

MASSSLLLACVVVAAMVSVVVSCHPPKVPPGNITASYGKWLARGTWYGKATGA
GPDDNGGACGYKDVDKAPFLGMNSCGNDPIFKDGKGCSCFEVKCSKPEACSDKPV
IVHITDMNTEPIAAAYHFDLSGHAFGAMAKEGKEEELRKAGIIDMQFRRVRCCKYDDT
KITFHIEKGSNPNYFALLVKYVGGDGDIFGVLDLKEKGSEEWKPLKESWGAIWRMDTP
KPLKGPFSIRLITEGDEKLVADDVIPNDWKPDALYKSQLQVD

CDS (coding sequence)

>ObEXPB-06

CGAGCCACGACATCAATCACCCATCAGCAGCAATATGGCCTCCTCCTCCCTCCTG
CTCGCCTGTGTCGTTCGTGGCGGCGATGGTGTCCGTCGTGTCGTGCCACCCGCCA
AGGTGCCGCCTGGCCCAAACATCACGGCGAGCTACGGCGAGAAGTGGCTGGAAG
CGAGAGGCACCTGGTACGGCAAGGCCACGGGTGCCGGCCCCGACGACAACGGGG
GCGCCTGCGGCTACAAGGACGTCGACAAGGCGCCCTTCCTCGGCATGAACTCCTG
CGGCAATGACCCCATCTTCAAGGACGGCAAGGGCTGCGGCTCCTGCTTTGAGGTC
AAGTGCTCCAAGCCCGAGGCCTGCTCCGACAAGCCCGTCATTGTCCACATCACCG
ACATGAACACCGAGCCCATCGCCGCCTACCACTTTGACCTCTCCGGCCATGCCTT
CGGCGCCATGGCTAAGGAAGGCAAGGAGGAGGAGCTCCGCAAGGCTGGCATCAT
CGACATGCAGTTTCGCCGCGTCCGATGCAAGTACCCCGATGACACCAAGATCACC
TTCCACATCGAGAAGGGCTCCAACCCCAACTATTTTCGCGCTGCTCGTCAAGTATG
TTGGTGGCGACGGTGACATTTTCGGGGTGGACCTGAAGGAGAAGGGCTCTGAGG
AGTGGAAGCCGCTTAAGGAGTCGTGGGGTGCTATCTGGAGGATGGACACCCCA
AGCCGCTCAAGGGACCCTTCTCAATCCGTCTCATCACCGAGGGTGATGAAAAGCT
CGTCGCCGACGATGTCATCCCTAACGACTGGAAGCCTGATGCCCTCTACAAGTCT
CAACTCCAGGTGCTACTAACCATTCAACAAATCAAATCCGTCTACGTCCAGCTGG
CTGCATATATATTCTTATGCATTTTTTAAACATAACAATAAATAATGTTTAGAGCTA
GCTAGGTTTGTGGAGTACTCTCCAATGACCCACGATAGAGACTTGAAGTCTCTC
GATCAGAAAATTTTCGATATAATAAATATTTGGCACTTTCAGTTTCAA

Nucleotide

>ObEXPB-06

CCCTAGGTGTGTTTTGAACAGATCAAAAATGAAGACTTAGAATATTTGTATTAAT
AATCTTGTCAAGGGACCAAGATCTGATTACGTTATTTGTTCTGGCTTAAAGTTCGTC
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GTAGTATGAAGTATCACTGTTTTCTATGTAAAATTTTCTAGTATCTAAGGTAAAAA
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GATAGTATAAGGTAGAGAGAAGAGATGGAGATTGAATTTACATGGACAATCCC
TTGAAACTGAAAGTGCCAAATATTATTATATCGAAATTTTCTGATCGAGAGAGTT
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CCTTCTCCTTCAGGTCCACCCCGAAAATGTCACCGTCGCCACCAACATACTTGAC
GAGCAGCGCGAAATAGTTGGGGTTGGAGCCCTTCTCGATGTGGAAGGTGATCTTG
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