

IDENTIFICATION

Species: *Oryza brachyantha*

Locus: XP_006662047

Gene Model: XP_006662047.1

Description: ObEXPB-15

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>

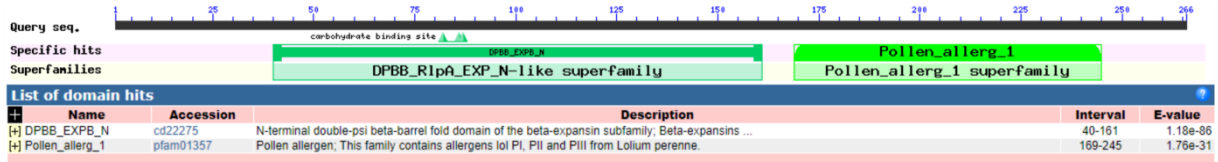
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>ObEXPB-15

MASFSSKAALVALLSLLVTFAAGARPGNFSASDFTADPNWEAARATWYGAPTGAGP
DDDGGACGFKNVNQYPFSSMTSCGNEPLFKDGGKGCSCYQIRC VNHPACSGNPETVI
ITDMNYYPVAKYHFDLSGTAFGAMAKPGQNDQLRHAGIIDIQFKRVPCNFPGLKVTF
HVEEGSNPVYFAVLVEYEDGDGDVVQVDLMEANSQSWTPMRESWGSIWRLDSNHR
LTAPFSLRITNESGKQLVANQVIPANWAPMAVYRSFVQYSS

CDS (coding sequence)

>ObEXPB-15

CAAACCAAAGCTCGGAATCCTTACCTGACTAGCTAGTAGCTGCTACTCACTGCTC
TCCAGTGAAGCTTGAGTAGTTGTAGTGGTGGCAGCTAGAGTGAGATCGACATGGC
TTCTTTCTCCTCCAAGGCCGCACTTGTTGCACTCCTCTCCCTCCTTGTCACCTTCGC
CGCCGGCGCGAGGCCGGGAACCTT TAGCGCCTCCGACTTCACCGCCGATCCCAAC
TGGGAAGCTGCCAGGGCCACCTGGTATGGCGCCCCACC GGCGCCGGCCCTGAC
GACGATGGCGGTGCTTGC GGTTCAAGAACGTGAACCAGTACCCGTTCTCGTCCA
TGACGTCCTGCGGCAACGAGCCACTCTTCAAGGACGGCAAGGGCTGCGGCTCATG
CTACCAGATAAGATGTGTCAACCACCCTGCCTGCTCCGGCAACCCGGAGACGGTG
ATCATCACCGACATGAACTACTACCCCGTCGCCAAGTACC ACTTCGACCTCAGCG
GCACGGCGTTCGGCGCCATGGCGAAGCCCGGCCAGAACGACCAGCTCCGCCACG
CCGGCATCATCGACATCCAGTTCAAGAGGGTGCCCTGCAACTTCCCTGGCCTGAA
GGTGACGTTCCACGTCGAGGAGGGGTGCAACCCGGTCTACTTCGCGGTGCTGGTG
GAGTACGAGGACGGCGACGGCGACGTGGTGCAGGTGGATCTCATGGAGGCCAAC
TCGCAGTCGTGGACGCCGATGCGCGAGTCGTGGGGATCCATCTGGAGGCTCGACT
CCAACCACCGCTCACGGCGCCCTTCTCGCTCCGCATACCAACGAGTCCGGCAA
GCAGCTCGTCGCCAACCAGGTCATCCCGGCCA ACTGGGCTCCCATGGCCGTCTAC
CGCTCCTTCGTCCAGTACAGCAGCTAATCCACAATGAACACAGCCACGCCAAGCA
TCAGCAGCATTAGCTATACGTGCCTCTACACATTTGAAAACCATTAATTTGGCCAT
TTATATATCTGCTTGAGTAATTAATTAGCTACCTCGGTATGGTATTGTATATCCAT
CCATCGATCGATCGATCGTTGCATGGAGTTCGTTTGAATTTGATTAGGTGAGACG
TCGGTTGTTGGGTGTCATATAGACATCGATTGGTGTCTTGAGGTTTGGGAGTGGG
ATAAGGAGGAGAGGCAAGTTTGCATGTGCTGTCCCGCCACTCTCACTGTACCAG

TGTCACAGTACTTGTGTGTAACCAGACCAAGATCATAAATTATACTCCTACTACT
ATTTAGTAGTATACAGTTTGCTGCCTGGCATTACAGTACCA

Nucleotide

>ObEXPB-15

CGGTTAGGACATGTAACAAGGGCATCAAATATATATATAGATTTTGAGATTGTAT
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AAAAATGGTAGTTTTATACTTTGTTAATTACTTTATTAGCAGTATTTTATAATTTTG
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ACATTAACGGTGTAGATTAAATTTCTACTACCAGTAATATGCACCGGAATCGGCCG
TATATATTTTAGATTGAGAGACATACAGAAGCAAAAAATCCAGCTGGATTCCA
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AGATGGTACTGAATGCCAGGCAGCAAAGTGTATACTACTAAATAGTAGTAGGAG
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ACCTCAAGACACCAATCGATGTCTATATGACACCCAACAACCGACGTCTCACCTA
ATCAAATTCAAACGAAGTCCATGCAACGATCGATCGATCGATGGATGGATATACA
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CATGGGAGCCCAGTTGGCCGGGATGACCTGGTTGGCGACGAGCTGCTTGCCGGAC
TCGTTGGTGTATGCGGAGCGAGAAGGGCGCCGTGAGGGCGGTGGTTGGAGTCGAGC
CTCCAGATGGATCCCCACGACTCGCGCATCGGCGTCCACGACTGCGAGTTGGCCT
CCATGAGATCCACCTGCACCACGTGCGCCGTGCGCCGTCCCTCGTACTCCACCAGCAC
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