

IDENTIFICATION

Species: *Oryza brachyantha*

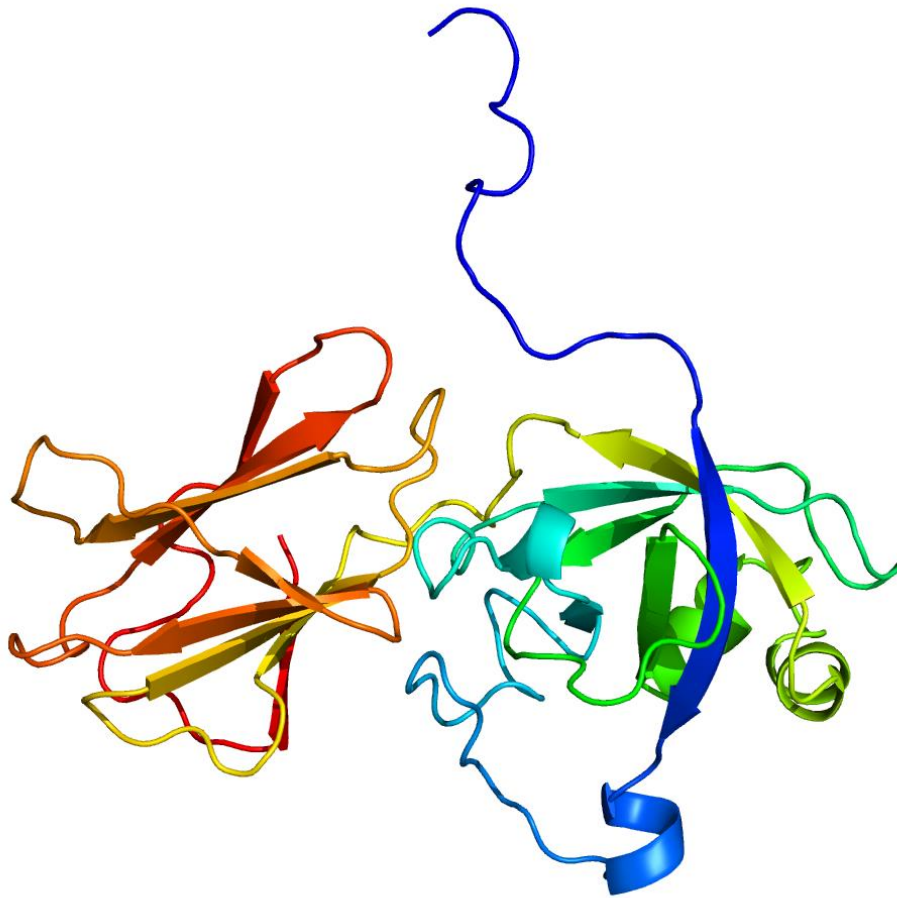
Locus: XP_006665160

Gene Model: XP_006665160.1

Description: ObEXPB-17

Family: Beta Expansin

3D structure:



GENOME DATABASES

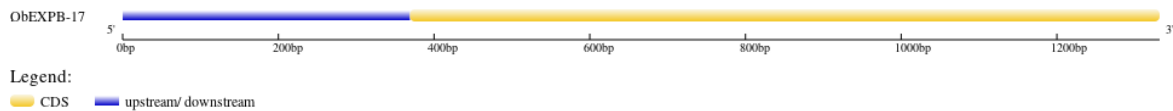
NCBI: https://www.ncbi.nlm.nih.gov/genome/10862?genome_assembly_id=1593936

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

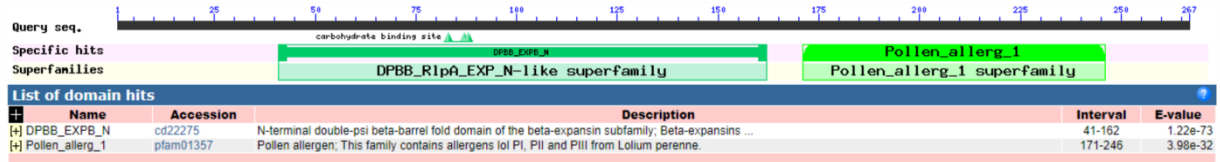
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>ObEXPB-17

MASSSLLACVVAAMVSAVVSCHPPKVPPGNITATYGDKWLEARGTWYGKATGA
GPDDNGGACGYKDVDKAPYLGMNNSCGNDPIFKDGRGCGSCYEVKCSKPEACSDKP
VIVHITDMNTEPIAA YHFDLSGHAFGAMAKEGKEEELRKAGIIDMQFRRVRCKYPAD
TKITFHVEKGSNPNYFALLVKYVAGDGDVVGVDLKEKGSSEYKPLKESWGAIWRLD
TPKPIKGPFTIRVTTESGEKLV AEDVIPDDWKANSVYKSNLQAK

CDS (coding sequence)

>ObEXPB-17

TCATCGATCTACCAATATACAACAATGGCCTCTTCCTCCCTCCTGCTCGCTTGTG
TCGTGCGGGCGGCAATGGTCTCCGCCGTGTCGTGCCACCCGCCAAGGTGCCACC
TGGCCCAAACATCACGGCGACCTACGGTGACAAGTGGCTAGAAGCCAGGGGCAC
CTGGTACGGCAAGGCCACGGGTGCCGGCCCCGACGACAATGGCGGCGCCTGCGG
CTACAAGGACGTTGACAAGGCGCCCTACCTCGGCATGAACTCCTGCGGCAACGAC
CCCATCTTCAAGGACGGGAGGGGCTGTGGATCCTGCTACGAGGTCAAGTGCTCCA
AGCCAGAGGCTTGCTCCGACAAGCCTGTCATCGTCCACATCACCGACATGAACAC
CGAGCCATCGCCGCCTACCATTTTCGACCTCTCCGGCCATGCATTTGGTGCCATGG
CTAAGGAAGGCAAAGAGGAGGAGCTCCGCAAGGCCGGCATCATCGATATGCAGT
TCCGCCGCGTCCGGTGCAAGTACCCCGCCGACACAAAGATCACCTTCCATGTGCGA
GAAGGGCTCCAACCCCACTACTTCGCGCTGCTCGTCAAGTACGTCGCCGGTGAT
GGTGACGTCGTGGGGGTGGACCTGAAGGAGAAGGGCTCTGAGGAGTATAAGCCG
CTAAAGGAGTCGTGGGGTGCTATCTGGAGGCTAGACACCCCAAAGCCGATAAAG
GGCCCCTTACCATCCGCGTGACCACCGAGTCTGGGGAAAAGCTCGTCGCCGAGG
ATGTCATCCCGACGACTGGAAGGCCAACTCCGTCTACAAGTCTAACCTCCAGGC
CAAGTAATTAAGCATGTCGGCATGCATATATGGATCGAGAGTCAAATTAACACGT
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TGTATCCAATAATCAATCAATAATTTGCTGA

Nucleotide

>ObEXPB-17

TTTTTTTTGTTCAAATAAATTGGAAAACCTGAAAATAGGTAACAGATTTGAAACC
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ACCGTCCATAAATAACCACCCACCATGGCCTCGACCTCACTCATCGATCTCACCAA
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AAGGCGCCCTACCTCGGCATGAACTCCTGCGGCAACGACCCCATCTTCAAGGACG
GGAGGGGCTGTGGATCCTGCTACGAGGTCAAGTGCTCCAAGCCAGAGGCTTGCTC
CGACAAGCCTGTCATCGTCCACATCACCGACATGAACACCGAGCCCATCGCCGCC
TACCATTTTCGACCTCTCCGGCCATGCATTTGGTGCCATGGCTAAGGAAGGCAAAG
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CAAGTACCCCGCCGACACAAAGATCACCTTCCATGTCGAGAAGGGGCTCCAACCCC
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CGTGACCACCGAGTCTGGGGAAAAGCTCGTCGCCGAGGATGTCATCCCCGACGA
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TCAATAATTTGCTGA