

IDENTIFICATION

Species: *Oryza brachyantha*

Locus: XP_006650810

Gene Model: XP_006650810.1

Description: ObEXPA-16

Family: Alpha Expansin

3D structure:



GENOME DATABASES

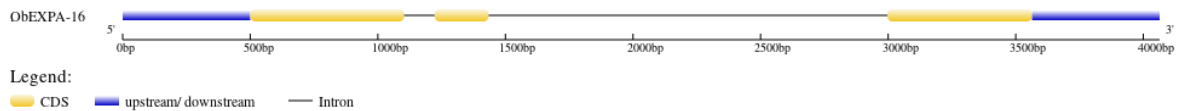
NCBI: https://www.ncbi.nlm.nih.gov/genome/10862?genome_assembly_id=1593936

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

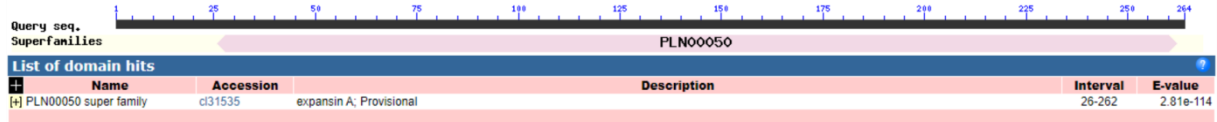
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>ObEXPA-16

MASAMTVVAALLALALALAVSPAAARIPGAYGGGDWQSAHATFYGGSDASGTMGG
ACGYGNLYSQGYGVNNAALSTALFNEGQSCGACFEIKCVNQPGWKWCHPGSPSILIT
ATNFCPPNYALPSDNGGWCNPPRPHFDLAMPFLHIAEYRAGIVPVS YRRVPCRKKG
GVRFTINGFRYFNLVLITNVAGAGDIVRASVKGGSTGWMPMSRNWGQNWQANSILD
GQSLSFQVTGPPRRTSTSWNAAPAGWQFGQTFEGKNFRV

CDS (coding sequence)

>ObEXPA-16

TCCACCCCCACTCCCCCTCCGCCGCTCGCCGTTGCCGTTGCCGCTGCCGCTGCTA
GCGAGCGAGAGCCGCCGCGCCGTGTGATGGCGTCCGCAATGACGGTGGTCGCCG
CTCTGTTGGCGCTGGCGCTGGCGGTCTCCCCGGCGGGCGGCATCCC
GGGGGCGTACGGCGGGCGGGGACTGGCAGAGCGCGCACGCGACGTTCTACGGCGG
GAGCGACGCGTCGGGGACGATGGGCGGCGCGTGCGGGTACGGGAACCTGTACAG
CCAGGGGTACGGCGTGAACAACGCGGCGCTGAGCACGGCGCTGTTCAACGAAGG
GCAGAGCTGCGGCGCGTGCTTCGAGATCAAGTGCGTGAACCAGCCGGGTGGAA
GTGGTGCCACCCGGGGAGCCCCTCCATCCTCATCACCGCCACCAACTTTTGCCCG
CCCAACTACGCCCTCCCCTCCGACAACGGCGGCTGGTGCAACCCTCCCCGCCCC
ACTTCGACCTCGCCATGCCCATGTTCTCCACATCGCCGAGTACCGCGCCGGCAT
CGTCCCCGTCTCCTACCGCCGGGTGCCGTGCAGGAAGAAGGGAGGGGTGAGGTT
CACGATAAACGGGTTACGGTACTTCAACCTGGTGCTGATCACGAACGTGGCCGGC
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CTGAGACCGAGCTGCACTATACTACTACACCTTCTATATTTTACTCTAGTAATTA
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TCAATTAGCGTAAATTGCTACTGCTGTTACTCATCGTCATCACTAGCTGGTGGCTA
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CAAAGCTGCAGCTGAATTTGGGGGTGGTGTAGTGTAGCCCGCAGCCGCTTTGTGCC
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GTGATTGGAGCTTGTA

Nucleotide

>ObEXPA-16

TCAAAGCCATTGATTTTCGGCCCCAACATAGCCGATGATGGCGATGCAGCAGGTTG
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ATGCAGACTGATAACTCCCATTCCTGAAGTAGCTCTCCGATGGCAATTGCAACTT
TGCAAGGCCAGGCATGATGCTGCAAGCCTTGCTCAGGAATGGAATGGTCGGTCAC
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ACGGGCAAATCATTCCCCAAAGAGGCCTACTCGCATCGCACTTTTGCTTTCAC
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CACCCCAAATTCAGCTGCAGCTTTGCAGCCACTTCAGCCACTCTTGAGCACAAA
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