

IDENTIFICATION

Species: *Oryza brachyantha*

Locus: XP_015689279

Gene Model: XP_015689279.1

Description: ObEXPA-08

Family: Alpha Expansin

3D structure:



GENOME DATABASES

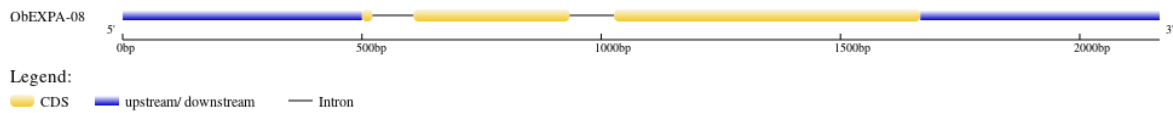
NCBI: https://www.ncbi.nlm.nih.gov/genome/10862?genome_assembly_id=1593936

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

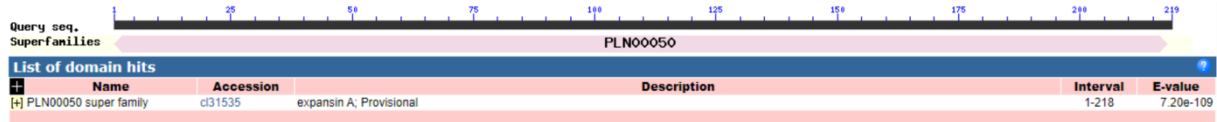
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>ObEXPA-08

GDASGTMGGACGYGNLYSQGYGTNTAALSTALFNGLSCGPFRRXGGGA AVAGGG
SHSCLPGSVVVTATNFCPPNNALPSDDGGWCNPPRAHFDMSQPVFQRIALFKAGIVP
VSYRRVACLKKGIRFTINGHSYFNLVLVTNVGGAGDVHAVA VKSERSAAWQALSR
NWGQNWQSASLLNAQMLFRVTTGDGRSVVSNNAVPRGWSFGQTFSGAQFN

CDS (coding sequence)

>ObEXPA-08

GGTGACGCGTCTGGCACGATGGGAGGGGCGTGTGGGTACGGGAACCTCTACAGC
CAGGGGTACGGGACGAACACGGCGGCGCTGAGCACGGCGCTGTTCAACAACGGT
CTCAGCTGCGGCCCTTCCGTCGGNNGGGGGGCGGGCGGGCGGTTCGCGGGCGGG
GGGAGCCACTCGTGCCTGCCGGGCTCCGTCGTCGTCACGGCCACCACTTCTGCC
CGCCGAACAACGCGCTCCCTCCGATGACGGCGGCTGGTGAACCCCCGCGCGC
GCATTCGACATGTCTCAGCCCGTCTTCCAGCGCATCGCCCTCTTCAAGGCCGGCA
TTGTCCCAGTCTCTTACCGCCGGGTGGCGTGCCTGAAGAAGGGCGGGATCCGGTT
CACCATTAACGGCCACTCCTACTTCAACCTTGTCTCGTCACCAACGTGGGCGGC
GCCGGCGACGTGCACGCGGTGGCCGTGAAGTCGGAGCGCTCGGCGGGCGTGGCAG
GCCCTGTCGCGCAACTGGGGCCAGAACTGGCAGAGCGCTTCCCTCCTCAACGCC
AGATGCTCTCCTTCCGCGTCACCACCGGCGACGGCCGCTCCGTCGTCTCCAACAA
CGCCGTACCCCGTGGCTGGTCGTTCCGCCAGACATTCAGCGGGGCCAGTTCAAC
TGATTCACTCCAATTTACTCAAACATCTTCAAGTAGTTGCAGTAGCTACTATGCTC
CCAACCTGGACTGTGCTGGGAAGTGCCATTGTTTTATGATTGGTACTGGTCTCCCT
TGGTTCTTGGGTAGCAGTATTAGCTGGTTGTTTGGCCTTGTATTAGCATGGGCTTT
GTGTTGTTATCGCTAGTGGTAGTTGGGTAGTACCATTAGTTGAGCTTTTGTGGGAG
CTTTTGGCTAGGGATTGGAAGTGGTGGTAAGGCTGGTATGATTAACAGAGGCCCG
CTTGTATCACCCGCCAAAGTAGCAAATGGGCCTCTTGGAAATGGCCTTCTCCTA

Nucleotide

>ObEXPA-08

CAGCTTGCTCTTGTACTCCACCACGCCAACCTTTTTTCCCACTCCCGCCACGCCT
CCCAACGCCCCCGAAATCCCGTGTCCCTACGTGCCCGGTGCTGCTGCGAGCTTTT
GCAGGGGCCAGGCCGCGCCGTGCCTGCCACGCTGTGAGCCCCACCCGCGTGC

GCCGCCCCGCCCTACGCCACGCCGTTTCAAACCCGTTTCGTTTACGGTTCACGGTTCACGGC
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NN
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CCCTTCCGTCGGGGGGGGCGGCGCGGGTTCGCGGGCGGGGGGAGCCACTCGTG
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CTCCCCTCCGATGACGGCGGCTGGTGCAACCCCCCGCGCGCATTTTCGACATGT
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GCAGTAACCGTGCTGACCATGGCGTTCTTGTTCGTGTGGGCAGGGTGGCGTGCC
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TCTCGTCACCAACGTGGGCGGCGCCGCGACGTGCACGCGGTGGCCGTGAAGTC
GGAGCGCTCGGCGGCGTGGCAGGCCCTGTGCGCAACTGGGGCCAGAACTGGCA
GAGCGCTTCCCTCCTCAACGCCAGATGCTCTCCTTCCGCGTCACCACCGGCGAC
GGCCGCTCCGTCGTCTCCAACAACGCCGTACCCCGTGGCTGGTTCGTTCCGGCCAGA
CATTACGCGGGGCCAGTTCAACTGATTCCTCAATTTACTCAAACATCTTCAA
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CCAGATGGTACAGTTCGACGAAACTCGGGCGGACGCAGCCGCAGCAGTGTGACC
GAGAAGTAGGTTCGATCGTCGTGT