

IDENTIFICATION

Species: *Oryza brachyantha*

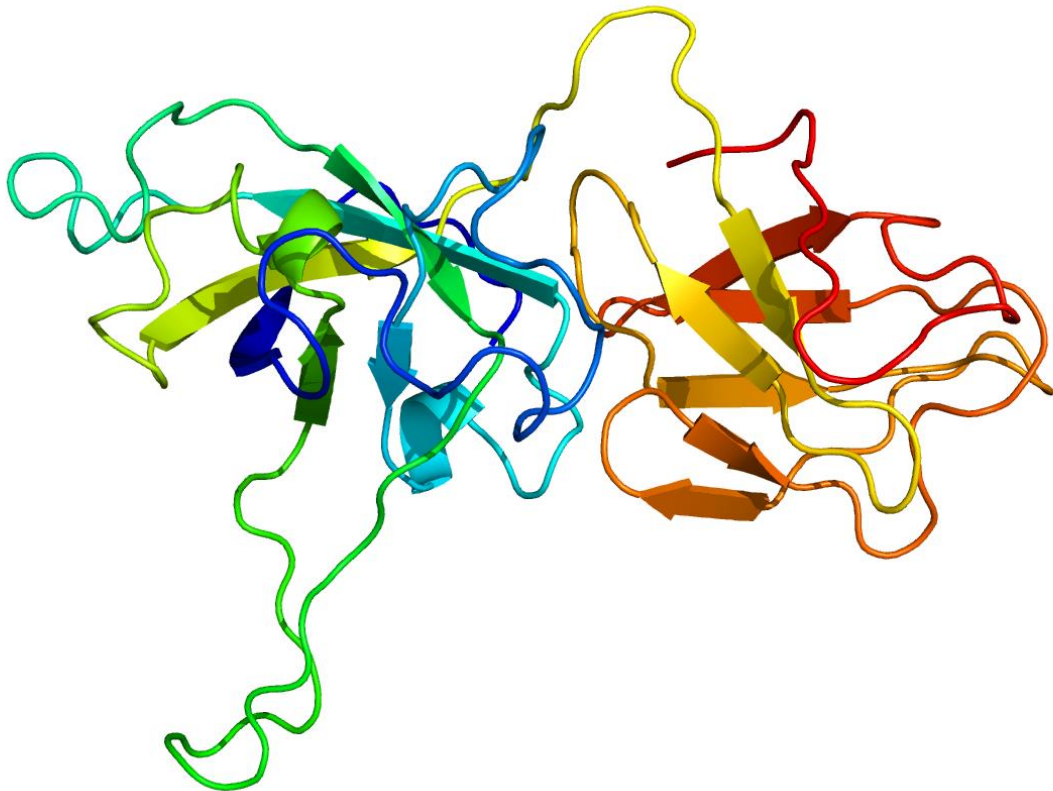
Locus: XP_006662383

Gene Model: XP_006662383.1

Description: ObEXPA-28

Family: Alpha Expansin

3D structure:



GENOME DATABASES

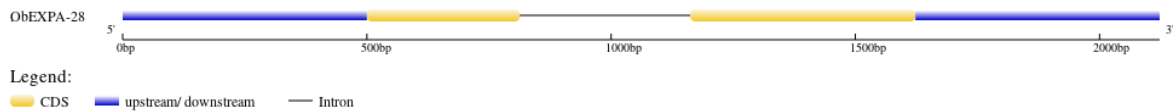
NCBI: https://www.ncbi.nlm.nih.gov/genome/10862?genome_assembly_id=1593936

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

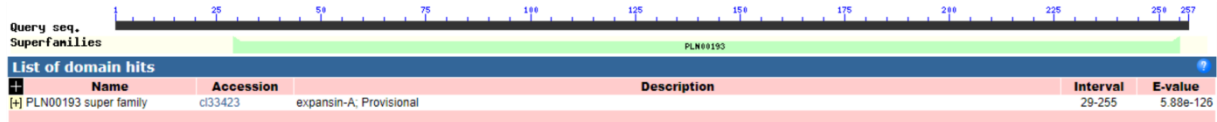
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>ObEXPA-28

MATRFLAVVLALSVTSSSAAAAVVGGGGWLRGTATFYGGEDASGTMGGACGYGDL
YTQGYGVYNAALSSALFNDGASCGQCYLIMCDASRTPQWCKPGTAVTITATNLCPA
NWALPNDNGGWCNPPRPHFDMAQPAWETIGIYRAGIVPILYQQVKCWKQGGVRFIT
SGFNYPFELVLVTNVGGSGSVKSVSIKGTNTGWIALTRNWGANWQCNSALAGQALS
FQVTSTGGQTLYIEGAVPAWWGFGMTFTSNHQFDY

CDS (coding sequence)

>ObEXPA-28

ATGGCGACGAGGTTCTCGCCGTCGTCCTGGCGCTCAGCGTCACGTCGTCGTCGG
CGGCGGCGGCGGTGGTGGGGGGCGGGGGCTGGCTGAGAGGGACGGCGACGTTCT
ACGGCGGGGAGGACGCGTCGGGCACGATGGGCGGCGCGTGCGGGTACGGGGACC
TGTACACGCAGGGGTACGGCGTGTACAACGCGGCGCTGAGCTCGGCGCTGTTCAA
CGACGGCGCGTTCGTGCGGGCAGTGCTACCTCATCATGTGCGACGCCTCCCGGACG
CCCCAGTGGTGCAAGCCCGGCACCGCCGTGACCATCACCGCCACCAACCTCTGCC
CTGCCAACTGGGCCCTCCCAACGACAACGGCGGCTGGTGCAACCCTCCCGCCC
CCACTTCGACATGGCCCAGCCCGCCTGGGAGACCATCGGCATCTACCGCGCCGGC
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GCAGCGGGTTCGGTGAAGTCGGTGTTCGATCAAGGGGACGAACACGGGGTGGATCG
CGCTGACGAGGAACTGGGGCGCCAACTGGCAGTGCAACTCGGCGCTCGCCGGCC
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Nucleotide

>ObEXPA-28

TATTTTAGCTTATAAAGCCAAACACATTTTTAGTTGGAGTTTACCTTTATATTTCC
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