

IDENTIFICATION

Species: *Olea europaea*

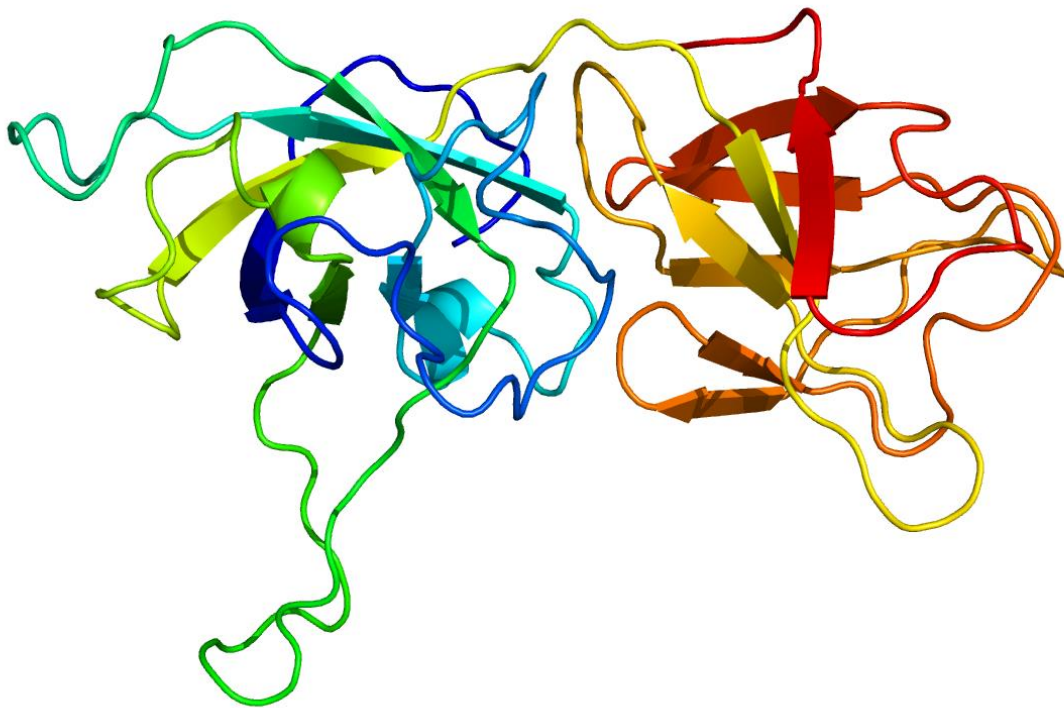
Locus: Oeu033624

Gene Model: Oeu033624.1

Description: OeuEXPA-04

Family: Alpha Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Oeuropaea_v1_0

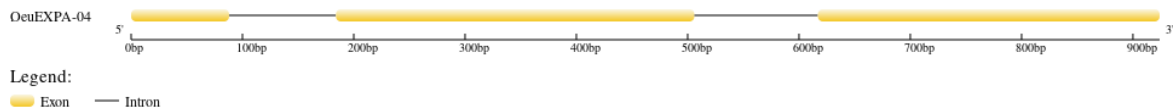
KEGG: <https://www.genome.jp/entry/T05244>

EXTERNAL RESOURCES

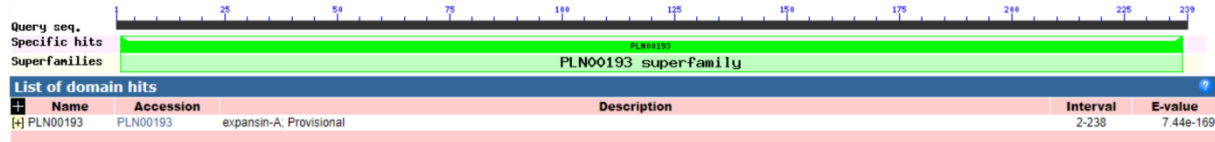
<http://olivegenome.org/>

<https://genomaolivar.dipujaen.es/db/index.php>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OeuEXPA-04

MIKISFTASGWTQAHATFYGGSDASGTMGGACGYGNLYSTGYGTRTAALSTALFN
DGASCGQCYKIMCDYKADPKWCIKGTSVTVTATNFCPPNYALPSDNGGWCNPPHQH
FDMAQPAWEKIGIYRGGIVPIIYQRPCKKHGGVRFRTISGRDYFELVIITNVGNAGSIQ
SVQIKGSRTDWMAMSRNWGANWQSN SYLNGQSISFKVTTTDGQTRTFLNIVPSNWG
FGQTFSSSVQF*

CDS (coding sequence)

>OeuEXPA-04

ATGATCAAGATCAGTGCCTTTACAGCTTCTGGTTGGACTCAAGCTCACGCAACCT
TCTATGGAGGCAGTGATGCTTCCGGGACAATGGGTGGTGCTTGTGGATATGGGAA
CTTGTATTCAACTGGTTATGGGACTAGAACTGCAGCATTGAGCACTGCATTGTTC
AATGATGGAGCATCATGTGGGCAATGTTACAAGATTATGTGTGATTACAAAGCCG
ATCCTAAATGGTGCATCAAAGGAACCTTCTGTTACTGTTACTGCTACAACTTTTGC
CCTCCAAACTATGCTCTTCTAGTGACAATGGAGGCTGGTGCAACCCACCTCACC
AGCATTTCGACATGGCTCAACCCGCTTGGGAAAAAATTGGAATTTATAGAGGTGG
AATCGTGCCCATCATCTATCAAAGGGTTCCTGTCAAGAAACACGGTGGAGTTAGG
TTCACAATCAGTGGAAAGGGACTACTTTGAGCTTGTAAATTATAACCAATGTGGGAA
ATGCTGGATCTATTCAATCAGTGCAAATCAAGGGCTCAAGAACAGACTGGATGGC
TATGTCTAGGAATTGGGGGGCTAATTGGCAATCCAATTCTTACCTCAATGGTCAA
TCTATATCCTTCAAGGTCACGACCACTGATGGTCAAACAAGAACTTTCCTAAACA
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Nucleotide

>OeuEXPA-04

ATGATCAAGATCAGTGCCTTTACAGCTTCTGGTTGGACTCAAGCTCACGCAACCT
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TTAATTGTTTTGTAACAGGTGGTGCTTGTGGATATGGGAACTTGTATTCAACTGGT
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GGGACTACTTTGAGCTTGTAATTATAACCAATGTGGGAAATGCTGGATCTATTCA
ATCAGTGCAAATCAAGGGCTCAAGAACAGACTGGATGGCTATGTCTAGGAATTG
GGGGGCTAATTGGCAATCCAATTCTTACCTCAATGGTCAATCTATATCCTTCAAG
GTCACGACCACTGATGGTCAAACAAGAACTTTCCTAAACATTGTCCCATCAAATT
GGGGCTTTGGCCAAACATTTTCAAGCTCTGTCCAATTCTAA