

IDENTIFICATION

Species: *Olea europaea*

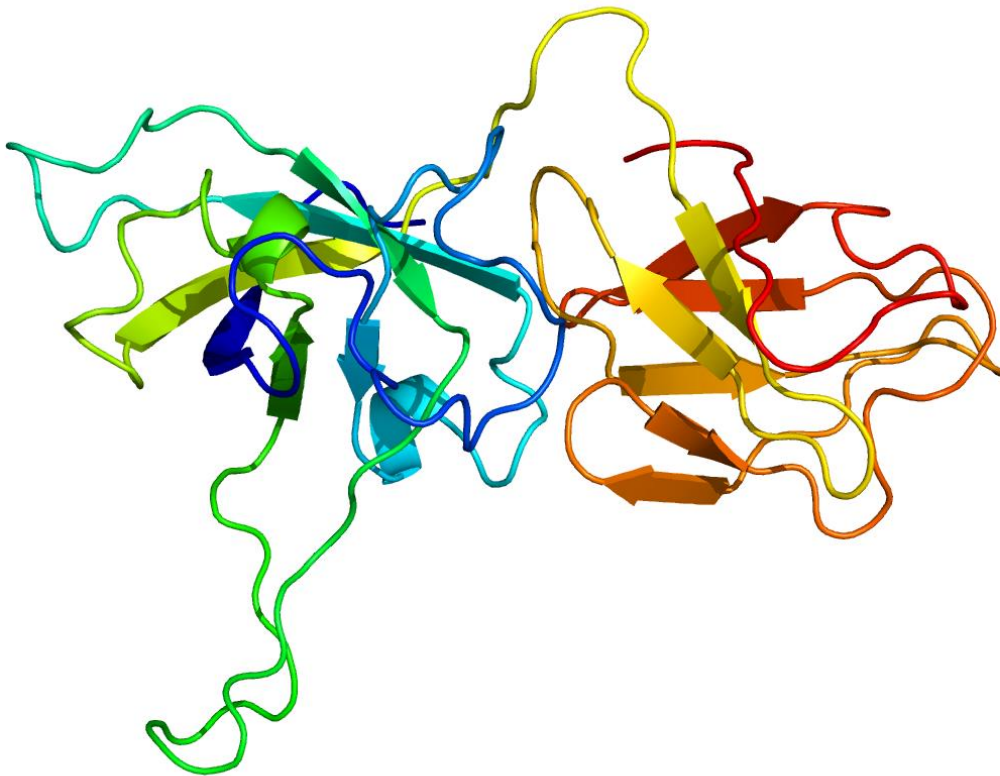
Locus: Oeu036536

Gene Model: Oeu036536.1

Description: OeuEXPA-23

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

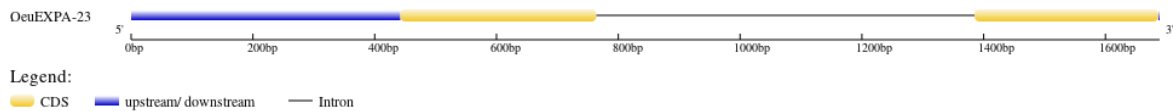
KEGG: <https://www.genome.jp/entry/T05244>

EXTERNAL RESOURCES

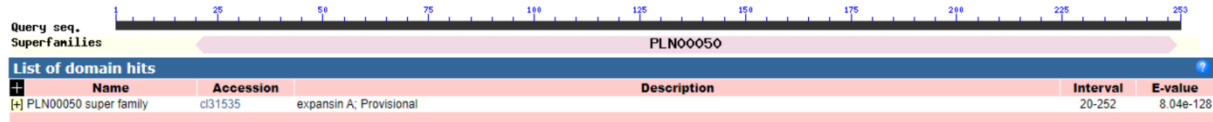
<http://olivegenome.org/>

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OeuEXPA-23

MAIPAVSMFSLVLFNFFNCLQGVYGGWQTAHATFYGGGDASGTMGGACGYGN
LYSQGYGTNTAALSTALFNGLTCGACYELTCNGDPKWCLSGTITVTATNFCPPNPS
LPNDNGGWCNPPRQHFDLAEPAFLQIAQYRAGIVPVSFRRVPCVKKGGIKFTINGHSY
FNLVLITNVGGVDVHSVSIKGSKTGWQQMSRNWQNWQSN SYLNGQSLSFQVTA
SDGRTITSGNVVPAGWQFGQTFQGGQF*

CDS (coding sequence)

>OeuEXPA-23

ATGGCTATCCCTGCAGTATCCATGTTTTCTCTTGTACTTTTCTTCTTCAACTTTTGC
CTTCAAGGAGTGTATGGTGACTATGGAGGATGGCAGACTGCTCATGCTACCTTCT
ATGGTGGAGGCGATGCGTCCGGCACAATGGGGGGTGCCTGTGGATATGGAAACC
TGTACAGCCAAGGTTATGGCACAACACTGCAGCACTAAGTACTGCTCTATTTAA
CAATGGGTAACTTGTGGCGCGTGCTACGAGTTAACTTGCAACGGTGACCCAAA
TGGTGCCTCTCGGGAACCATTACAGTCACAGCAACAAATTTTGGCCCTCCCAACC
CATCTCTGCCGAACGACAACGGCGGGTGGTGCAATCCGCCCCGTCAGCACTTTGA
TTTGGCTGAACCGGCTTTCTTGCAAATTGCTCAATACCGTGCTGGAATTGTTCCGG
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TCAAGTCACCGCAAGTGATGGAAGGACAATCACTAGTGGCAATGTCGTCCCAGCT
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Nucleotide

>OeuEXPA-23

ATGGCTATCCCTGCAGTATCCATGTTTTCTCTTGTACTTTTCTTCTTCAACTTTTGC
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