

IDENTIFICATION

Species: *Olea europaea*

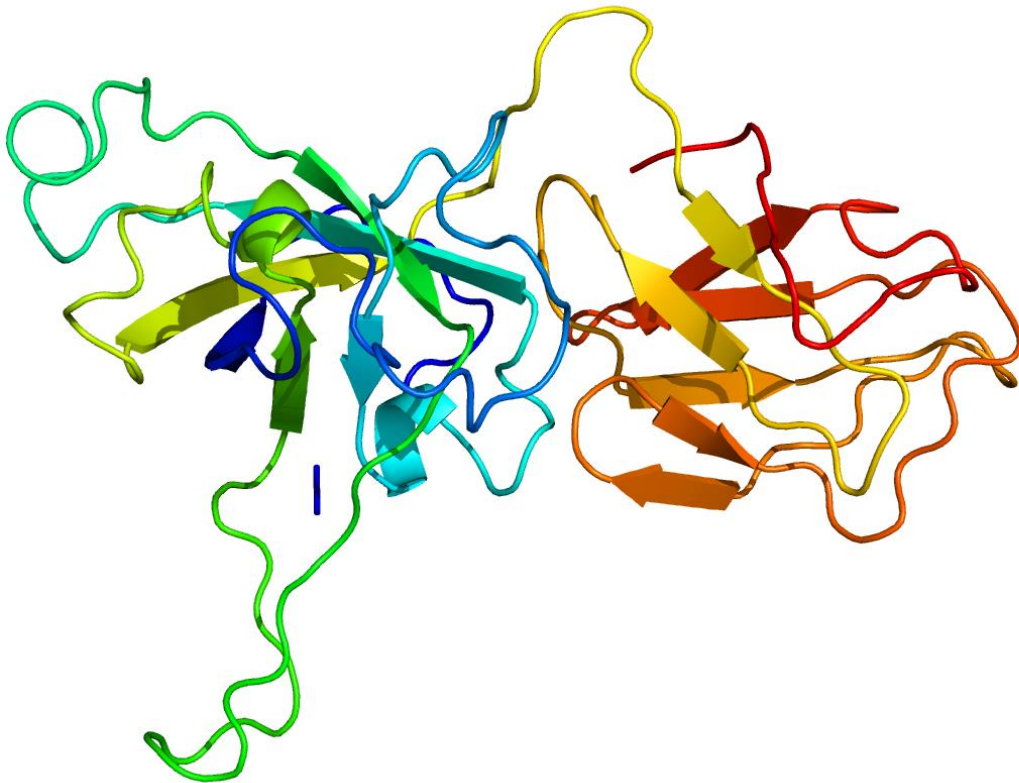
Locus: Oeu011415

Gene Model: Oeu011415.1

Description: OeuEXPA-17

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

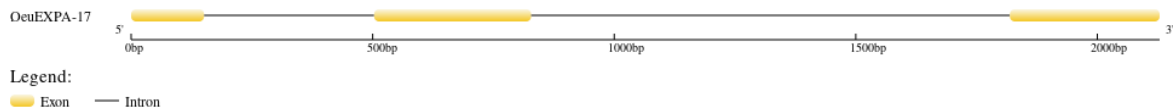
KEGG: <https://www.genome.jp/entry/T05244>

EXTERNAL RESOURCES

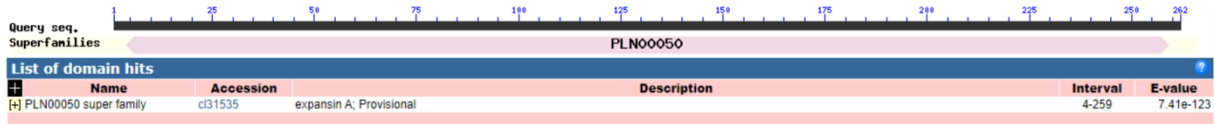
<http://olivegenome.org/>

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OeuEXPA-17

MASMELLYIASILCFLTATHARIPGVYTTGGTWEGAHATFYGGSDASGTMGGACGY
GNLYSQGYGVNTAALSTALFNGLSCGACFEIKCAADQAPKWCNAGSPTILVTATNF
CPPNFALPNDNGGWCNPPRTHFDLAMPNFLKIAEYRAGIVPVNFRRVPCRKQGGIRF
TINGFRYFNLVLITNVAGAGDIVRLSIKGTNTQWMPMSRNWQNWQSNVSLVGQAL
SFRVTASDRRSSTSWNIAPASWQFGQTFGKNFRV*

CDS (coding sequence)

>OeuEXPA-17

ATGGCATCAATGGAGTTATTGCTCTACATTGCTAGCATCCTCTGTTTTCTTACAGC
TACTCACGCCAGAATCCCCGGGGTTTACACCGGCGGCACCTGGGAAGGTGCCAC
GCCACGTTTTATGGCGGCAGCGACGCTTCCGGAACCATGGGTGGTGCTTGTGGGT
ATGGGAATCTGTACAGTCAAGGGTACGGAGTGAACACTGCAGCACTAAGCACAG
CGCTATTCAACAATGGTTTGAGCTGTGGAGCCTGCTTTGAGATAAAATGTGCTGC
GGACCAGGCACCCAAATGGTGAACGCCGGCAGCCCCACAATTTTGTTAACTGCC
ACAACTTCTGCCCACCAAATTTGCTTTGCCTAATGACAATGGCGGATGGTGCA
ACCCTCCTAGAACCCTTCGACCTTGCCATGCCAATGTTCTAAAGATCGCTGA
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GGGGGGATCAGATTCACAATCAATGGTTTTCGTTACTTCAACTTGGTTTTGATCAC
TAATGTAGCGGGTGCAGGAGATATCGTGAGGCTTAGCATCAAAGGTACAAACAC
TCAATGGATGCCGATGAGTCGCAATTGGGGACAAAATGGCAATCCAATTCAGTC
CTCGTGGGTCAAGCCTTGTCTTTCAGGGTCACGGCTAGTGATCGTCGCTCGTCTAC
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Nucleotide

>OeuEXPA-17

ATGGCATCAATGGAGTTATTGCTCTACATTGCTAGCATCCTCTGTTTTCTTACAGC
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