

IDENTIFICATION

Species: *Olea europaea*

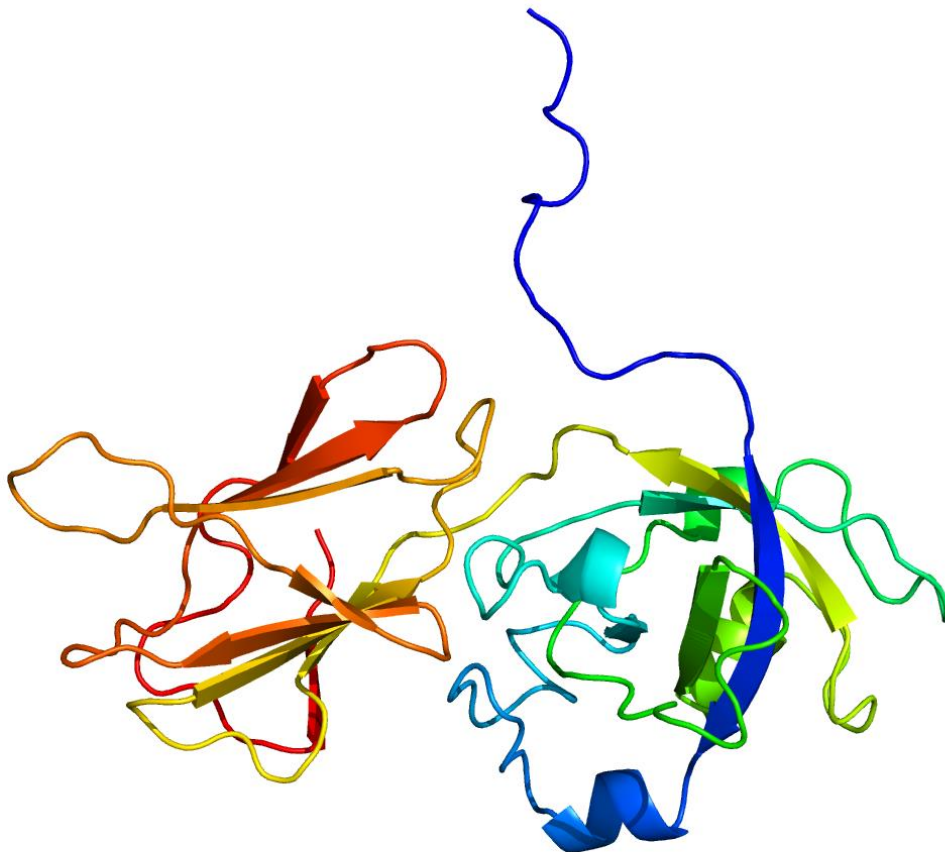
Locus: Oeu026705

Gene Model: Oeu026705.1

Description: OeuEXPA-21

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

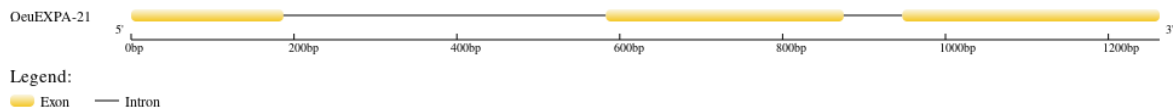
KEGG: <https://www.genome.jp/entry/T05244>

EXTERNAL RESOURCES

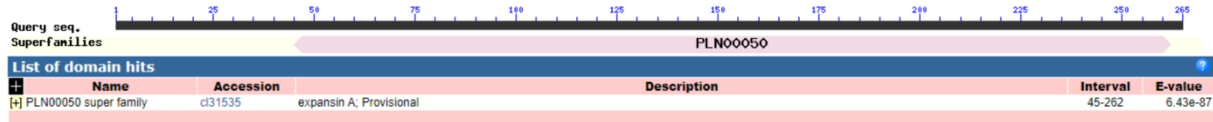
<http://olivegenome.org/>

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OeuEXPA-21

MAGILQALVLSLLILVLALPITNAFPIGKAPKPRSLHQSLRPWKKGRATFYGGADAS
GTVGGACGFEDPIKEYGLHTVALSTVLYKNGSNCGACYEIKCDKKNKMCKPGASSIY
VTATNYCPPGGWCSPPAHHFDLSEPAFTKVAEQSAGVVPILFRRVHCKKQGGIKFTV
TGSPYFNMVSIENVGGAGNVKKVEVKGHKLNHWTELNHNWGTKWDTSATLVGE
KLSFRITTDGRTIVSHNVAPSDWQFGQTFEGKNFNL*

CDS (coding sequence)

>OeuEXPA-21

ATGGCAGGTATTTTGCAAGCACTTGTGTTATCTTCTTTGCTGATTCTTGTGCTTGC
ATTGCCTATCACAAATGCCTTCCCCATAGGTAAAGCTCCAAAACCAAGGTCGCTG
CATCAATCTATATTACGTCCGTGGAAGAAGGGTCGTGCAACCTTCTACGGTGGAG
CCGATGCCTCGGGAACCGTGGGAGGTGCCTGCGGTTTCGAAGACCCGATAAAAG
AATATGGGTTGCATACAGTGGCATTGAGCACTGTATTGTACAAAACGGGTCAA
TTGTGGAGCTTGCTATGAAATCAAATGTGACAAGAAAAACAAAATGTGCAAACC
CGGAGCATCATCCATTTATGTTACCGCCACCAATTATTGCCCTCCCGGCGGCTGGT
GCAGTCCGCCCCGCCACCATTTGACTTGTCCGAGCCCGCATTTACTAAGGTTGCT
GAACAATCTGCTGGAGTCGTTCTTCTATTTTGAAGGGTTCATTGCAAGAAAC
AAGGAGGCATTAATTTACCGTAACAGGGAGTCCTTATTTCAACATGGTGTGCGAT
ATCGAACGTTGGAGGGGCAGGAAATGTAAAAAAGGTGGAAGTCAAAGGTCACAA
GAAATTGAATCATTGGACAGAATTGAATCATAATTGGGGTACCAAGTGGGATACC
AGTGCAACACTTGTGGCGAGAACTAAGTTTCCGTATAACCACTGGCGACGGCA
GAACCATAGTTTCACACAACGTTGCCCTAGTGATTGGCAATTTGGTCAGACCTT
CGAAGGCAAAAATTTCAACCTATAG

Nucleotide

>OeuEXPA-21

ATGGCAGGTATTTTGCAAGCACTTGTGTTATCTTCTTTGCTGATTCTTGTGCTTGC
ATTGCCTATCACAAATGCCTTCCCCATAGGTAAAGCTCCAAAACCAAGGTCGCTG
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GGTGCAGTCCGCCCCGCCACCATTTGACTTGTCCGAGCCCGCATTTACTAAGGTT
GCTGAACAATCTGCTGGAGTCGTTTCTATTCTATTTGGAAGGTATCAAATAATAA
AAAAATCGAATAAACGTATTTTGTGAGCTATAATATCAAATTTTGAATTTTGTGTC
AGGGTTCATTGCAAGAAACAAGGAGGCATTAATTTACCGTAACAGGGAGTCCTT
ATTTCAACATGGTGTTCGATATCGAACGTTGGAGGGGCAGGAAATGTAAAAAAGG
TGGAAGTCAAAGGTCACAAGAAATTGAATCATTGGACAGAATTGAATCATAATT
GGGGTACCAAGTGGGATACCAGTGCAACACTTGTGGCGAGAACTAAGTTTCCG
TATAACCACTGGCGACGGCAGAACCATAGTTTCACACAACGTTGCCCTAGTGAT
TGGCAATTTGGTCAGACCTTCGAAGGCAAAAATTTCAACCTATAG