

IDENTIFICATION

Species: *Olea europaea*

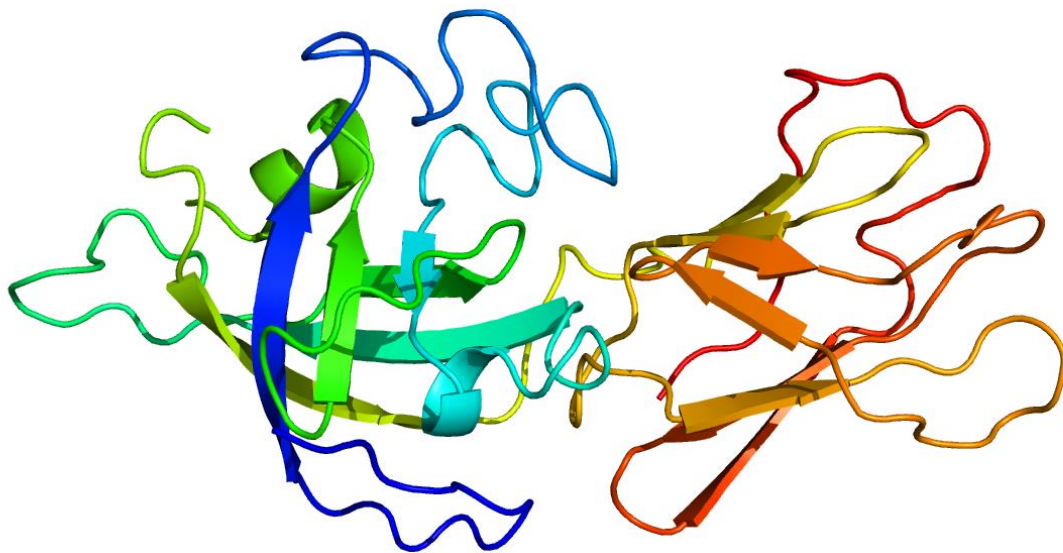
Locus: Oeu049253

Gene Model: Oeu049253.1

Description: OeuEXPA-13

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

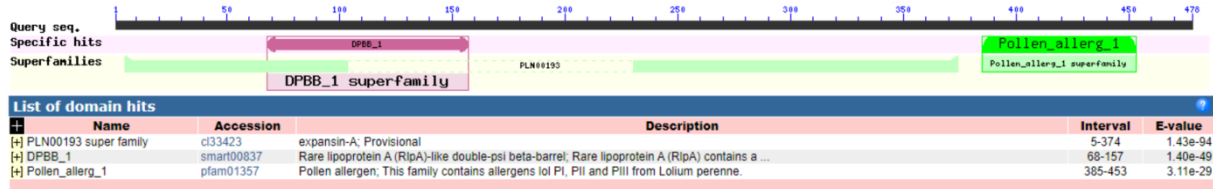
<http://olivegenome.org/>

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OeuEXPA-13

MASVSSLLCIASLLYLLTATSAKIRGAYTGGPWQPAHATFYGGSDASGTMGGACGY
 GNLYSQGYGVNTAALSTALFNGLSCGACFEIKCDVGQDPKWCNPGNPSIFVTATNF
 CPPNFALASNNGGWCNPPRTHFDLAMPFLKIAEYRAGIVPVNFRRFSSVSNQWVRY
 FHIKVLAFKVLRLVIQGYGVNTAALSTALFNGLSCGACFEIKCDVGQDPKWCNPG
 NPSIFVTATNFCPPNFALASNNGGWCNPPRTHFDLAMPFLKIAEYRAGIVPVNFRRV
 PCRKQGGIRFTINGFRYFNLLMITNVAGAGDIVRVSIGTNTQWLPMSRNWGQNWQS
 NAILVGQALSFRVTSGDHRSC TSMNVAPANWQVPCRKQGGIRFTINGFRYFNLLMIT
 NVAGAGDIVRVSIGTNTQWLPMSRNWGQNWQSNAILVGQALSFRVTSGDHRSC T
 MNVAPDNWQFGQTFMGKNFKV*

CDS (coding sequence)

>OeuEXPA-13

ATGGCTTCAGTTAGTTCATTACTCTGCATTGCCAGTCTCCTCTATTTACTGACGGC
 TACTAGCGCTAAAATCCGGGGAGCTTACACCGGCGGCCCTGGCAGCCCGCTCAC
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 ATGGGAATCTGTACAGCCAAGGATACGGAGTGAACACCGCAGCTCTAAGCACGG
 CGCTGTTCAACAATGGACTGAGCTGTGGGGCTTGCTTTGAGATAAAATGTGACGT
 TGGGCAGGACCCCAAGTGGTGAACCCGGGTAACCCATCAATTTTTGTTACCGCT
 ACTAATTTCTGCCCTCCTAACTTTGCTTTGGCGAGTAATAATGGCGGGTGGTGCAA
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 CCCCAAGTGGTGAACCCGGGTAACCCATCAATTTTTGTTACCGCTACTAATTTCT
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 GGCATCGTCCCGTCAACTTCCGCCGGGTACCTTGTAGGAAGCAAGGGGAATCA
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TTGTCTTTAGAGTTACGTCCGGTGACCATCGGTCATGCACCTCCATGAACGTGGC
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Nucleotide

>OeuEXPA-13

ATGGCTTCAGTTAGTTCATTACTCTGCATTGCCAGTCTCCTCTATTTACTGACGGC
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