

IDENTIFICATION

Species: *Olea europaea*

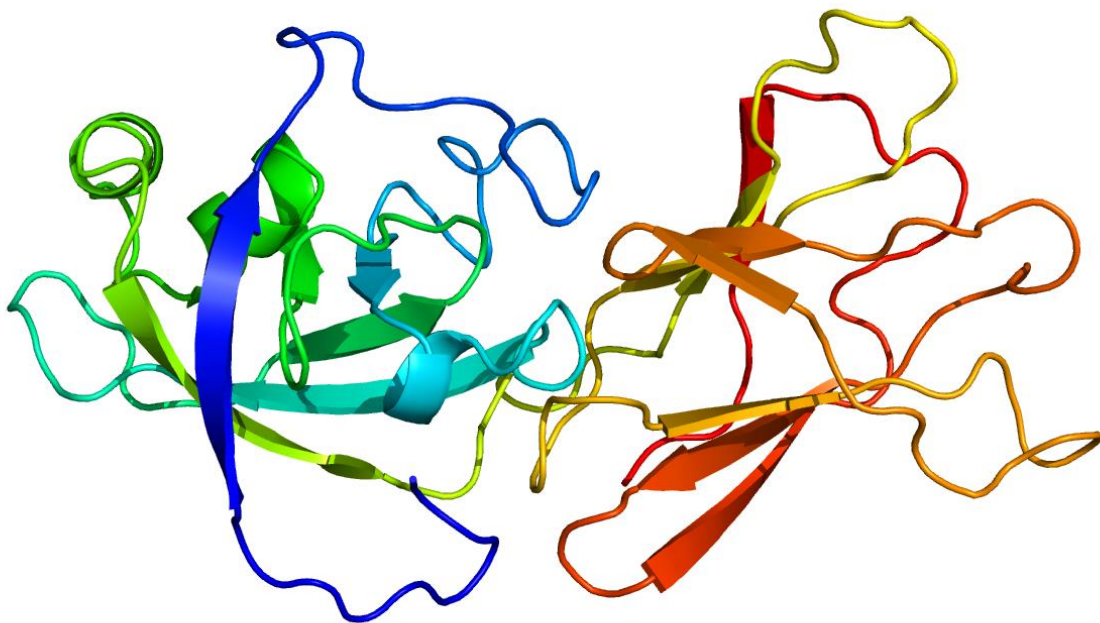
Locus: Oeu045075

Gene Model: Oeu045075.1

Description: OeuEXLA-01

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

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

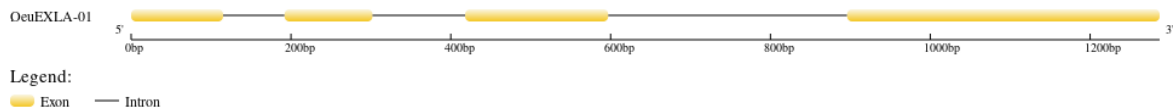
KEGG: <https://www.genome.jp/entry/T05244>

EXTERNAL RESOURCES

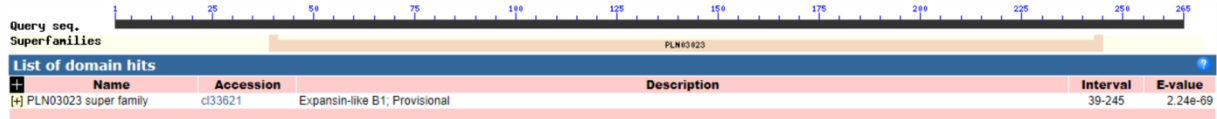
<http://olivegenome.org/>

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OeuEXLA-01

MPILLCLIFLLFSSATADCEHCVHQTKVSFFSKAEALQSGACGYGSLAIGFNGRRLAA
ATATLYKEGAGCGACFQIRCKDTAFCSKEGTTVIVTDRNTDNKTDFVSSRAFMAM
AKKGMDQNILKLGIANVEYKRVPCYKNKNLAIRVEESSQKPHYLAIKFLYQGGKTE
IVAVDVAAQADSSNWTFMRSRSHGAIWETS RVPTGALQFRFAVTAGYDGKQWYWAKG
VLPADWKNQVIYDSGLQITDVAEDGCSSCHDKSWIPDS*

CDS (coding sequence)

>OeuEXLA-01

ATGCCCATCTTACTTTGCTTAATCTTCCTTCTCTTCTCCTCTGCAACTGCTGATTGT
GAACACTGTGTGCATCAAACAAAAGTTTCTTTCTTTTCTAAAGCTGAAGCCCTTCA
ATCTGGTGCTTGTGGCTATGGTTCTTTGGCTATAGGATTCAACGGCGGCCGCCTTG
CAGCAGCCACCGCCACTCTGTACAAGGAAGGAGCTGGTTGTGGTGCATGTTTTCA
GATAAGATGCAAGGACACCGCCTTTTGTCTAAGGAGGGGACTACGGTGATCGTA
ACCGATCGCAACACCGATAACAAGACCGATTTTGTGTGAGTAGCAGAGCTTTCA
TGGCCATGGCTAAAAAGGGGATGGATCAGAACATTTTGAACTTGGCATTGCCAA
TGTCGAGTACAAAAGGGTTCCTTGTGAATATAAAAACAAGAACTTGGCCATTCGA
GTCGAAGAATCTAGCCAAAAGCCACATTATTTGGCAATAAAGTTCTTGTATCAAG
GTGGAAAAACTGAAATTGTCGCGGTCGATGTAGCTGCACAAGCTGATTCGTCCAA
TTGGACCTTCATGAGTCGAAGTCACGGGGCCATTTGGGAAACCAGTAGAGTTCCA
ACGGGGGCGTTGCAGTTCCGATTCGCTGTGACAGCCGGGTACGACGGGAAATGG
TATTGGGCAAAAGGTGTGCTTCTGCTGATTGGAAGAATGGTGTGATCTATGATT
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AAGCTGGATAACCAGATTCTTAA

Nucleotide

>OeuEXLA-01

ATGCCCATCTTACTTTGCTTAATCTTCCTTCTCTTCTCCTCTGCAACTGCTGATTGT
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ACTTATATAATTATCATTGCAGCTGGTGCTTGTGGCTATGGTTCTTTGGCTATAGG
ATTCACGGCGGCCGCCTTGCAGCAGCCACCGCCACTCTGTACAAGGAAGGAGCT

GGTTGTGGTGCATGTTTTTCAGGTACAAATATTGTATTATCAGCAACGTTTAAGCTT
AATGTAACCCCTTTACATTTTTTATTTTTTATTTTTTGAAAAAGTAATAATTTGGAAT
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AGGAGGGGACTACGGTGATCGTAACCGATCGCAACACCGATAACAAGACCGATT
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CATTTTGAAACTTGGCATTGCCAATGTCGAGTACAAAAGGTAACATCAATGAATA
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GACTTTTGTGATAAGATTAATTAATGTAGTGGTTTAGTTATACCCACCATGTAAAA
GAGTGTCAATTGGTCCAACACTAAAAGCACTGGGCCATGTCATGTCTTGGAGCTT
TCCCCTGGACAGACATCAACTGGCCAATATGATTACTTTTGGTAAACGTTGGTG
GGCATTATTTGAGTGAATTTCTGTTGAGGTTGTCTGATCATGAATATAATTGTGTA
ACAGGGTTCCTTGTGAATATAAAAACAAGAAGCTTGGCCATTCGAGTCGAAGAATC
TAGCCAAAAGCCACATTATTTGGCAATAAAGTTCTTGTATCAAGGTGGAAAAACT
GAAATTGTCGCGGTTCGATGTAGCTGCACAAGCTGATTCGTCCAATTGGACCTTCA
TGAGTCGAAGTCACGGGGCCATTTGGGAAACCAGTAGAGTTCCAACGGGGGCGT
TGCAGTTCCGATTCGCTGTGACAGCCGGGTACGACGGGAAATGGTATTGGGCAA
AGGTGTGCTTCCTGCTGATTGGAAGAATGGTGTGATCTATGATTCTGGGCTGCAA
ATAACTGATGTGGCTGAGGATGGCTGTTCTTCATGTCATGACAAAAGCTGGATAC
CAGATTCTTAA