

IDENTIFICATION

Species: *Anacardium occidentale*

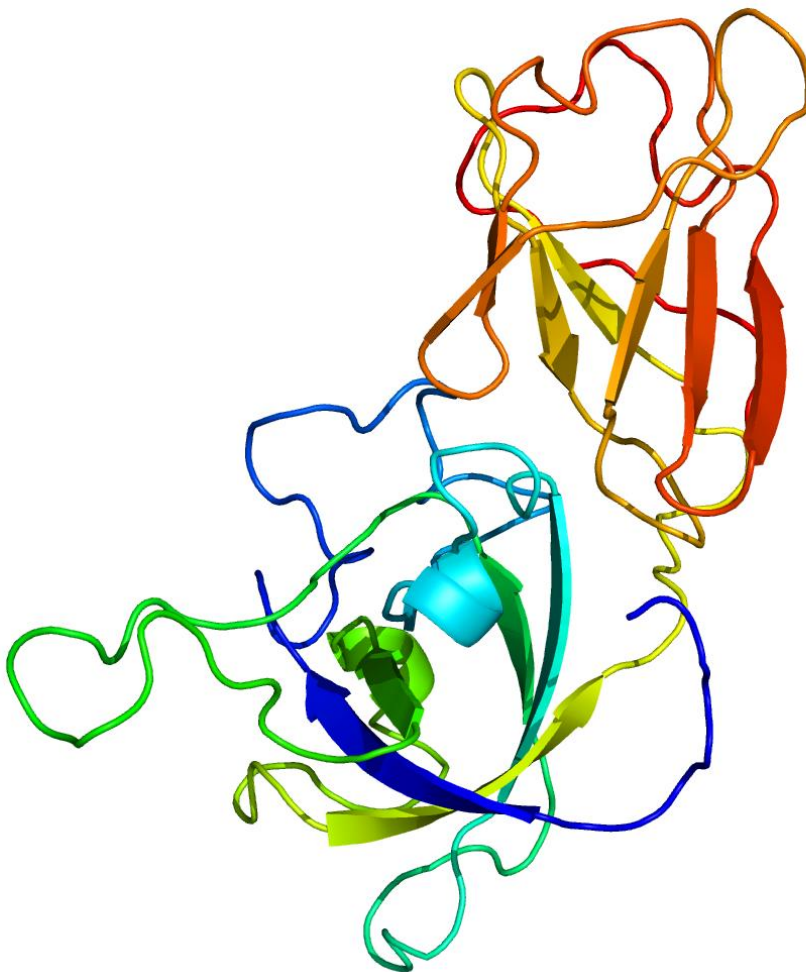
Locus: Anaoc.0016s1014

Gene Model: Anaoc.0016s1014.1.p

Description: AocEXPA-24

Family: Alpha Expansin

3D structure:



GENOME DATABASES

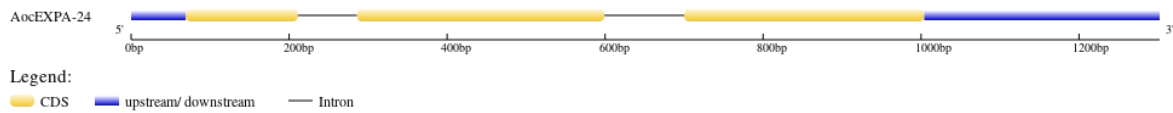
Phytozome: https://phytozome-next.jgi.doe.gov/info/Aoccidentale_v0_9

KEGG:-

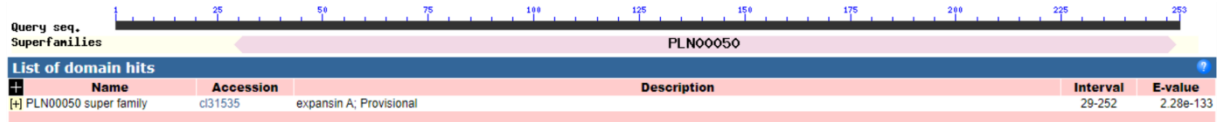
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AocEXPA-24

MAISAISSMTLLFFLLNLCLRGTYGDYGGWQSGHATFYGGGDASGTMGGACGYGNL
YSQGYGTNTAALSTALFNGLSCGSCYEMKCDNDPRWCLPGSIIVTATNFCPPNSALP
NDNGGWCNPPLQHFDMAEPAFLQIAQYRAGIVPVSFRRVPCAKKGGIRFTINGHSYF
NLVLITNVGGAGDVKA VSIKGSKTGWQPMSRNWQNWQSNNYMNGQSLSFQVTTS
DGRTVTSNNVAPSNWQFGQTFEGAQF*

CDS (coding sequence)

>AocEXPA-24

ATGGCCATTTTCAGCAATTTCTTCGATGACCCTTCTCTTCTTTTTGCTCAATTTGTGC
CTCCGGGGCACTTACGGTGACTATGGAGGTTGGCAAAGTGGCCATGCAACATTCT
ATGGTGGGGGTGATGCTTCTGGCACAATGGGGGGAGCTTGTGGTTATGGAACTT
GTATAGCCAAGGTTATGGGACTAACACTGCAGCATTGAGCACTGCTTTGTTCAAC
AATGGCCTCAGCTGCGGGTCATGTTATGAAATGAAATGTGACAATGACCCTCGAT
GGTGTCTCCCTGGATCGATTATCGTTACTGCAACTA ACTTCTGTCCCCCTAACTCA
GCCTTGCCAAATGACAATGGGGGTTGGTGCAATCCTCCCCTCCAACACTTTGACA
TGGCCGAGCCTGCTTTCTTACAAATCGCTCAATACCGAGCCGGAATCGTCCCGGT
GTCATTCAGAAGAGTCCCCTGTGCGAAGAAAGGAGGAATTAGGTTACCATAAA
TGGTCACTCATACTTCAACTTGGTGCTGATAACAAACGTGGGAGGCGCTGGAGAT
GTGAAGGCAGTGTCAATAAAAAGGCTCAAAAACAGGATGGCAACCAATGTCAAGA
AACTGGGGCCAAAACACTGGCAGAGCAACAATTACATGAACGGCCAAAGTCTGTCC
TTCCAAGTCACCACAAGCGATGGGAGGACTGTGACAAGCAACAACGTGGCGCCA
AGTAACTGGCAATTTGGGCAGACATTTGAAGGTGCTCAGTTTTAG

Nucleotide

>AocEXPA-24

GCAACCAACCACAGCTCTCTCTGTCTCTCTCTTTTACCTCTTTCAAGACATA
ATACACCGGTTCAATGGCCATTTTCAGCAATTTCTTCGATGACCCTTCTCTTCTTTT
GCTCAATTTGTGCCTCCGGGGCACTTACGGTGACTATGGAGGTTGGCAAAGTGGC
CATGCAACATTCTATGGTGGGGGTGATGCTTCTGGCACAATGGGTAAAGTAGTTGA
AAGCTAATGATCATCTTTGTAATATAAATGCTTCAAGTTCATAATGGAATTCGTA
ATTTGCAGGGGGAGCTTGTGGTTATGGAACTTGTATAGCCAAGGTTATGGGACT

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ACAGGATGGCAACCAATGTCAAGAACTGGGGCCAAACTGGCAGAGCAACAAT
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TGACAAGCAACAACGTGGCGCCAAGTAACTGGCAATTTGGGCAGACATTTGAAG
GTGCTCAGTTTTAGATTTTCATCTGTATACGTTTCATTTGGTGTGCGTGCTGCTTTTG
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TATTGTCATTTGTTTCCTTTTTACTATCTTTTGTTAAATATATTAATTTTATA
ATTTAAATGATGTTGATCATGAATAATATGAAATTTTTTTAAGAAAATAATGA
CGTGGATCTTTTATGCGAGATGTGAATATTTAT