

IDENTIFICATION

Species: *Anacardium occidentale*

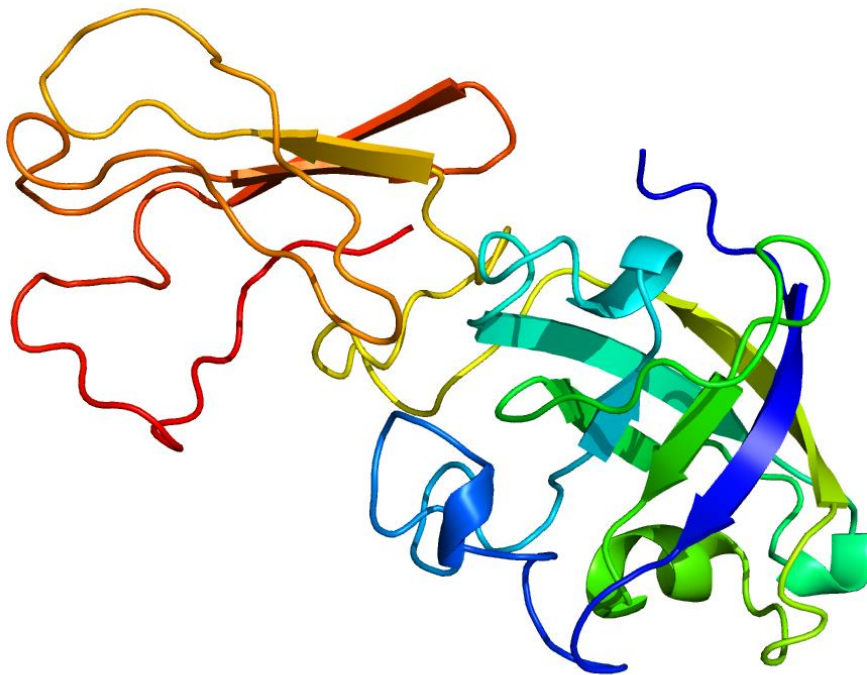
Locus: Anaoc.1067s0001

Gene Model: Anaoc.1067s0001.1.p

Description: AocEXPA-31

Family: Alpha Expansin

3D structure:



GENOME DATABASES

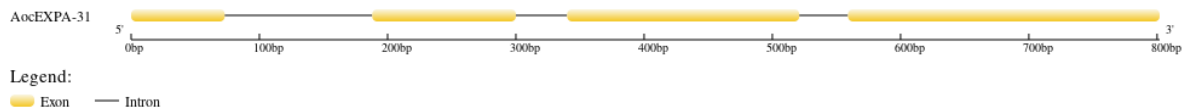
Phytozome: https://phytozome-next.jgi.doe.gov/info/Aoccidentale_v0_9

KEGG:-

EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE

Query seq. 1 25 50 75 100 125 150 175 200
Superfamily: PLN00050

Name	Accession	Description	Interval	E-value
PLN00050 super family	c31535	expansin A, Provisional	5-199	6.84e-73

SEQUENCES

Peptide

>AocEXPA-31

MAIDTAWYDARATFYDDMKGGKTMRACGYGDLIKQGYGLRTAALSTALFNDGAA
CGACFEIIIQITGTNFCPPSNSQPNGNWCNPPQKHFEITAMFVKLAPYKAGIIPVRYR
RIPCSKQGGALVYNVGGAGDVADV KIKGAKSDWKQMSRFWGQVWLNNGNGLGDS
LSFQVTTSDGKMLQFNDIAPVDWGFGQTFDGKINF*

CDS (coding sequence)

>AocEXPA-31

ATGGCCATTGATACTGCATGGTATGATGCTCGTGCCACATTTTATGACGACATGA
AGGGAGGCAAGACCATGCGAGCTTGTGGGTATGGAGATCTGATCAAGCAAGGAT
ATGGACTTAGGACAGCAGCTCTAAGCACAGCCCTCTTCAACGATGGAGCAGCATG
TGGTGCTTGTGTTTGGAGATAATCATCCAGATTACAGGCACTAATTTTGGCCCTCCAA
GCAACTCCCAACCGAATGGTAACTGGTGCAACCCTCCACAAAAGCACTTCGAATT
AACCACGGCAATGTTTGTGAAACTCGCACCTACAAAGCTGGGATCATCCCTGTT
AGATATCGCAGAATCCCTTGTCCAAGCAAGGAGGAGCTTTGGTGTACAATGTTG
GAGGTGCTGGTGTAGCAGATGTTAAGATCAAGGGAGCTAAGTCAGATTGGA
AGCAAATGAGCCGCTTTTGGGGCCAGGTTTGGCTGAATGGAAATGGCTTCCTGGG
GGATAGTTTGTCAATTTCAAGTCACTACTAGTGATGGGAAGATGCTGCAATTCAT
GACATCGCTCCTGTTGATTGGGGCTTCGGCCAACTTTCGATGGGAAAATAAATT
TCTAG

Nucleotide

>AocEXPA-31

ATGGCCATTGATACTGCATGGTATGATGCTCGTGCCACATTTTATGACGACATGA
AGGGAGGCAAGACCATGCGTAAGTGTAGTATACTTTCAAATTTTATACTTTGATT
TCGTGGTTCAGTCAATGGATGTAAAAGATTCTGACATGTGAACGCCTAACAAATC
TAATGGTGTGGTGTGACAAAAGGAGCTTGTGGGTATGGAGATCTGATCAAGCAA
GGATATGGACTTAGGACAGCAGCTCTAAGCACAGCCCTCTTCAACGATGGAGCA
GCATGTGGTGCTTGTGTTTGGAGATAATGTGTGGCTGATCCTCAATGGTGCATACCA
AATGCGGGCAGCATCCAGATTACAGGCACTAATTTTGGCCCTCCAAGCAACTCCC
AACCGAATGGTAACTGGTGCAACCCTCCACAAAAGCACTTCGAATTAACCACGGC

AATGTTTGTGAAACTCGCACCCCTACAAAGCTGGGATCATCCCTGTTAGATATCGC
AGAATCCCTTGTTCCAAGCAAGGAGGAGTCAATTTGAGATCAAAGGAACCAGAC
ATTGGACACAGGCTTTGGTGTACAATGTTGGAGGTGCTGGTGATGTAGCAGATGT
TAAGATCAAGGGAGCTAAGTCAGATTGGAAGCAAATGAGCCGCTTTTGGGGCCA
GGTTTGGCTGAATGGAAATGGCTTCCTGGGGGATAGTTTGTCATTTCAAGTCACT
ACTAGTGATGGGAAGATGCTGCAATTCAATGACATCGCTCCTGTTGATTGGGGCT
TCGGCCAAACTTTCGATGGGAAAATAAATTTCTAG