

IDENTIFICATION

Species: *Anacardium occidentale*

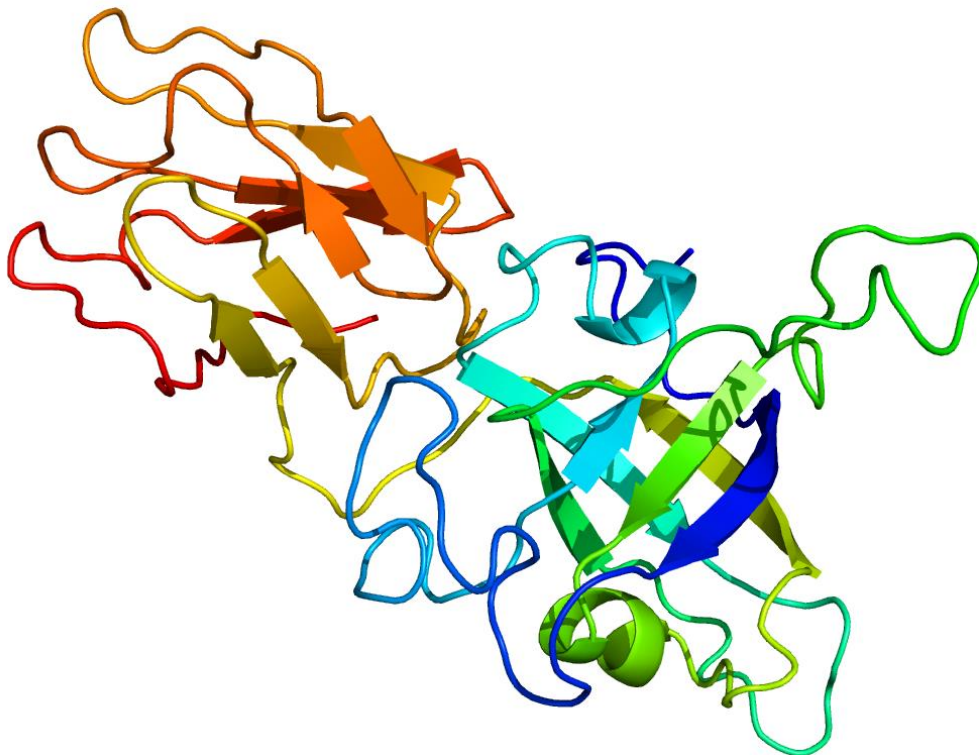
Locus: Anaoc.0005s1833

Gene Model: Anaoc.0005s1833.1.p

Description: AocEXPA-12

Family: Alpha Expansin

3D structure:



GENOME DATABASES

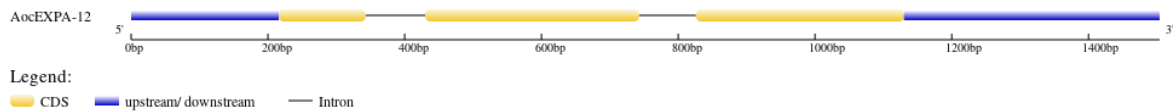
Phytozome: https://phytozome-next.jgi.doe.gov/info/Aoccidentale_v0_9

KEGG:-

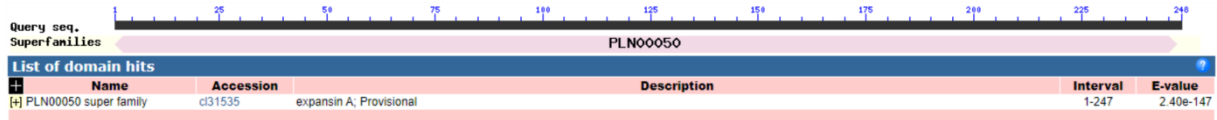
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AocEXPA-12

MAFLGIFVVVILSMSNTIHGYASGWSNAHATFYGGGDASGTMGGACGYANLYSQGY
GTNTAALSTALFNNGLTCGACFEIKCVNDNRWCLPGSIVVTATNFCPPNSALPSNAG
GWCNPLQHFDSLQPVFQHIAHYKAGIVPVQYRRVACRKSGGIRFTINGHSYFNLVLI
TNVGGAGDVVAASIKGSRGTGWQPMSRNWQNWQSDAYLNGQALSFKVTTSDGHS
VISTNVAPPNWSFGQTFSGRQF*

CDS (coding sequence)

>AocEXPA-12

ATGGCTTTTCTTGGTATCTTTGTGGTCACCATTCTATCTATGTCAAACACAATTCA
TGGCTATGCCAGTGGATGGTCTAATGCTCATGCTACCTTTTATGGTGGAGGCGAT
GCTTCTGGCACAATGGGAGGAGCTTGTGGGTATGCAAATCTTTACAGCCAAGGTT
ATGGCACCAATACAGCAGCATTAAAGCACTGCTCTTTTCAACAATGGACTAACTTG
TGGAGCCTGTTTTGAGATCAAATGTGTAAATGACAACAGGTGGTGTCTCCCCGGC
TCCATTGTAGTCACTGCAACAAACTTCTGCCCTCCAAACAGTGCCCTTCCAAGCA
ATGCTGGAGGTTGGTGTAAATCCTCCCTTGCAACATTTGATCTTTACAGCCTGTT
TTCCAGCACATAGCTCACTACAAAGCAGGAATAGTCCCTGTCCAGTACAGAAGGG
TTGCCTGCAGGAAGAGTGGTGGGATTAGGTTACCATCAATGGTCACTCATACTT
CAATCTTGTCTTATAACAAATGTTGGTGGTGCCGGTGATGTAGTGGCAGCCTCA
ATTAAAGGGTCTAGAACTGGATGGCAACCCATGTCTCGCAATTGGGGCCAAAAC
GGCAAAGCGATGCATACCTTAATGGCCAAGCCCTCTTTTCAAGGTGACAACAAG
TGATGGCCACTCTGTTATCTCAACCAATGTGGCTCCTCCAAACTGGTCCCTTGGTC
AAACCTTCAGTGGGAGACAGTTTTAA

Nucleotide

>AocEXPA-12

TCCCTTACAGACATGCATCTATAAATAAAGTTGCATGCCTCAGTATCTTTCCTAC
CTCCTCTTGACCTCATTCACTCTATTATTACAAGTTGGCATCTTCTTAAGCTT
TAGTCATTGTAAGCTCAGACAAACCCATCATTCTTCTTCTGTATGCTGCAGCTTTT
TACTTGACTTTGTTCAAGATTGACTTCCATTTTACTTTCTGCAGGAAATGGCTTTTC
TTGGTATCTTGTGGTCAACATCTATGTCAAACACAATTCATGGCTATGCC
AGTGGATGGTCTAATGCTCATGCTACCTTTTATGGTGGAGGCGATGCTTCTGGCA

CAATGGGTGAGAATCAGATCCACCAAAAGTTACATTCTTTGGAATTA ACTCTACT
CAGTAGTTTAATTACTCCATGATGATATTTTGTTCCAGGAGGAGCTTGTGGGTATG
CAAATCTTTACAGCCAAGGTTATGGCACCAATACAGCAGCATTAAAGCACTGCTCT
TTTCAACAATGGACTAACTTGTGGAGCCTGTTTTGAGATCAAATGTGTAAATGAC
AACAGGTGGTGTCTCCCCGGCTCCATTGTAGTCACTGCAACAAACTTCTGCCCTCC
AAACAGTGCCCTTCCAAGCAATGCTGGAGGTTGGTGTAAATCCTCCCTTGCAACAT
TTCGATCTTTCACAGCCTGTTTTCCAGCACATAGCTCACTACAAAGCAGGAATAG
TCCCTGTCCAGTACAGAAGGTAGGTAACCAAAACACTCCATTCTGAACCCAGAAT
CAGGCCTACAAATTTATCACATACTGAACAATGTTTTTCGGCTTCCAGGGTTGCCTG
CAGGAAGAGTGGTGGGATTAGGTTCCACCATCAATGGTCACTCATACTTCAATCTT
GTCCTTATAACAAATGTTGGTGGTGCCGGTGATGTAGTGGCAGCCTCAATTAAG
GGTCTAGA ACTGGATGGCAACCCATGTCTCGCAATTGGGGCCAAA ACTGGCAA
GCGATGCATACCTTAATGGCCAAGCCCTCTCTTTCAAGGTGACAACAAGTGATGG
CCACTCTGTTATCTCAACCAATGTGGCTCCTCCAAACTGGTCCTTTGGTCAAACCT
TCAGTGGGAGACAGTTTTAATCTCTCCTGAAATCTGACTAATATTGGATTTATCAG
CTCCCTTTACTAATTATAGATGTAAATTTAGTGTAAGTTTCAATGCAATGAAAA
TAGTGTCCCCACAGGACCTTCTAGTTCTACAGATGGCCCCGAATACATTTTTTATG
CTATCACATAGTAGTATTATAATACCAACAAGGGTTGGTCCAGAGATGGTCTCTG
CCAGACCAATCTCGGAATTAGAATTATTCTGATGACTCATGGAGCAAGATAAAAA
GAGATTGTGTAATTGTAATAAGCTTCAAGCTTGTGGCTTGGATTTGCTTTTATCTT
GGCATATTTATGGAACAAGTTTGAATTATTAAATGGCAATGTATTTTTATCTTAG
TCCA