IDENTIFICATION

Species: *Anacardium occidentale*

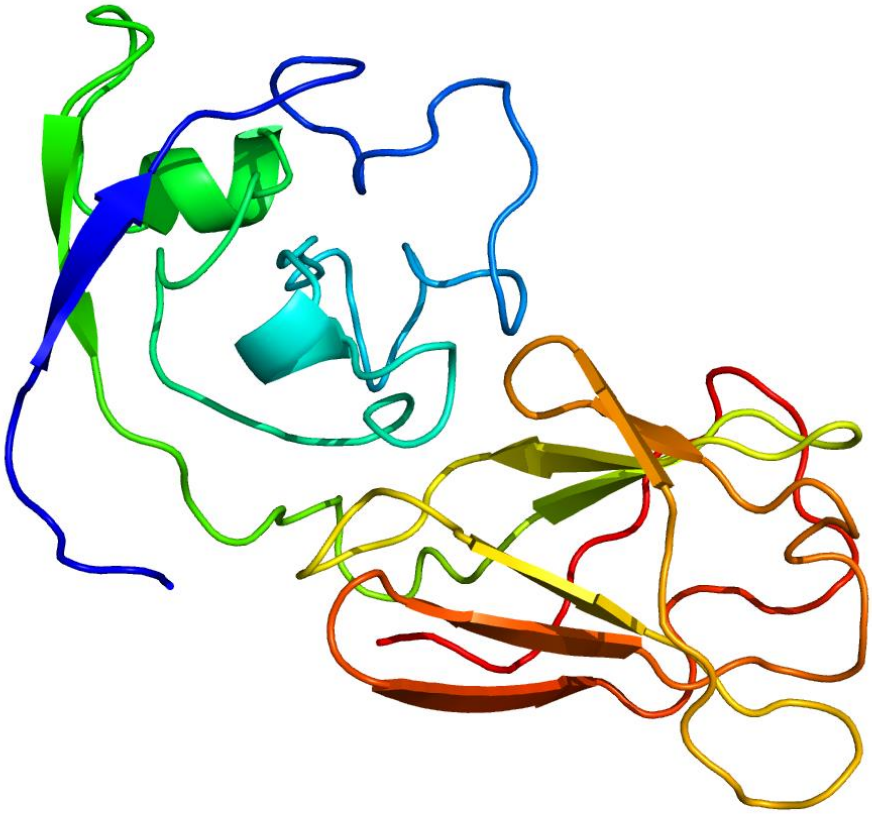
Locus: Anaoc.0018s0932

Gene Model: Anaoc.0018s0932.1.p

Description: AocEXPA-26

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

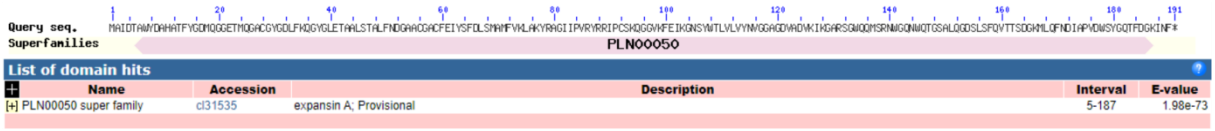
KEGG:-

EXTERNAL RESOURCES

-

GENE STRUCTURE

DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AocEXPA-26

MAIDTAWYDAHATFYGDMQGGETMQGACGYGDLFKQGYGLETAALSTALFNDGA
ACGACFEIYSFDLSMAMFVKLAKYRAGIIPVRYRRIPCSKQGGVKFEIKGNSYWTLVL
VYNVGGAGDVADVKIKGARSGWQQMSRNWGQNWQTGSALQGDSLSFQVTTSDGK
MLQFNDIAPVDWSYGQTFDGKINF*

CDS (coding sequence)

>AocEXPA-26

ATGGCCATTGATACTGCATGGTATGATGCTCATGCCACATTTTATGGTGACATGC
AGGGAGGGGAGACCATGCAGGGAGCTTGTGGGTATGGAGACCTGTTCAAGCAAG
GATATGGACTTGAGACAGCAGCTCTAAGCACAGCCCTCTTCAACGATGGAGCAGC
ATGTGGTGCTTGTTTCGAGATATATTCATTTGATTTATCCATGGCAATGTTTGTGA
AACTCGCAAAGTACAGAGCTGGGATCATCCCTGTTAGATATCGCAGAATCCCTTG
TTCCAAGCAAGGAGGAGTCAAGTTTGAGATCAAAGGAAATTCATATTGGACACT
GGTTCTGGTGTACAATGTTGGAGGTGCTGGTGATGTTGCAGATGTCAAGATCAAG
GGAGCTAGGTCGGGTTGGCAGCAAATGAGTCGCAATTGGGGCCAGAATTGGCAG
ACTGGAAGTGCCCTCCAGGGGGATAGTTTGTCATTTCAAGTCACTACTAGTGATG
GGAAGATGCTGCAATTCAATGACATCGCCCCTGTTGATTGGAGCTATGGCCAAAC
TTTCGATGGGAAAATAAATTTCTAG

Nucleotide

>AocEXPA-26

ATGGCCATTGATACTGCATGGTATGATGCTCATGCCACATTTTATGGTGACATGC
AGGGAGGGGAGACCATGCGTAAGTGTAGTATAATTTTAAACTGAAAAATGTTAG
ACGACTATCCTTCCACCTCTGATTGGACGTGGTTCTACTTAAGAGCCACCTAAATA
AAAAGTGGGGTTATGAAATGACCAATCATAACCATCTCTTTTGGGGGTGATTAAA
TAGTGTTATTTTATCAAATTTTATATTTTGATTTAAGGATGAATCTATTTAAGGGT
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TTTGAAGATAGTTTTGAACACCCTTATAGAAAAAAAAATAAAAATTTAAAAGAA
GGGTCGATTGACCCTCTTGACCTCCCTGATTGGCCTGTTTGATTCCAAAATACAAA
TTTCTTGATTCAGAAAGTGGATGTAAAGCATTGCGAAATGTGAATGTCTAATAAT
TCCAATGGTGTGTTATTGACAGAGGGAGCTTGTGGGTATGGAGACCTGTTCAAGC

AAGGATATGGACTTGAGACAGCAGCTCTAAGCACAGCCCTCTTCAACGATGGAG
CAGCATGTGGTGCTTGTTTCGAGATATATTGTGTGGATGATCCTCAATGGTGCATA
CCAAATGCAGGCAGCATCAAGATTACAGCCACCAATTTTTGCCCTCCAAACTACT
CTAAACCGAATGATAACTGGTGCAACCCTCCACAAAAGCATTTGATTTATCCATG
GCAATGTTTGTGAAACTCGCAAAGTACAGAGCTGGGATCATCCCTGTTAGATATC
GCAGAATCCCTTGTTCCAAGCAAGGAGGAGTCAAGTTTGAGATCAAAGGAAATT
CATATTGGACACTGGTTCTGGTGTACAATGTTGGAGGTGCTGGTGATGTTGCAGA
TGTCAAGATCAAGGGAGCTAGGTCGGGTTGGCAGCAAATGAGTCGCAATTGGGG
CCAGAATTGGCAGACTGGAAGTGCCCTCCAGGGGGATAGTTTGTCATTTCAAGTC
ACTACTAGTGATGGGAAGATGCTGCAATTCAATGACATCGCCCCTGTTGATTGGA
GCTATGGCCAAACTTTCGATGGGAAAATAAATTTCTAG