IDENTIFICATION

Species: *Anacardium occidentale*

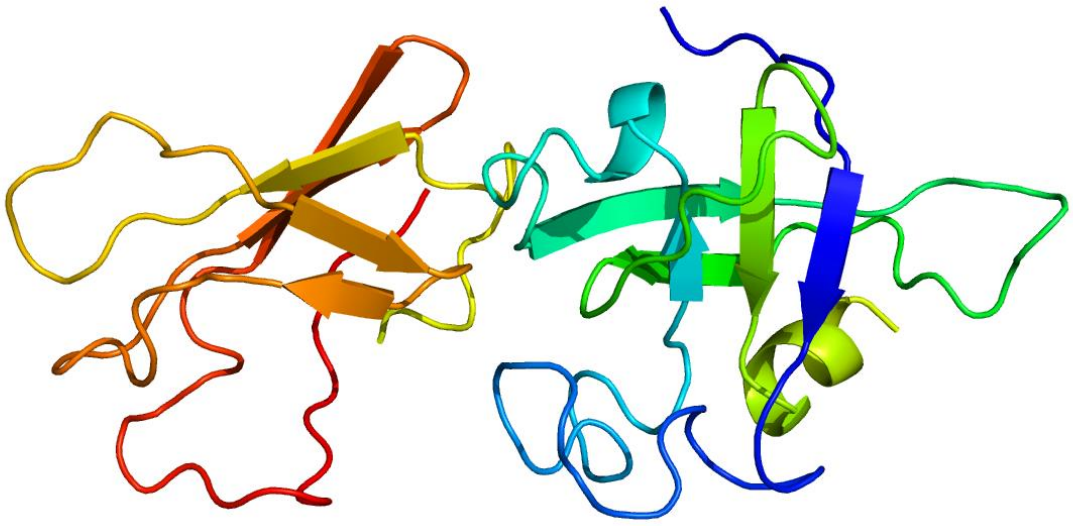
Locus: Anaoc.1544s0001

Gene Model: Anaoc.1544s0001.1.p

Description: AocEXPA-35

Family: Alpha Expansin

3D structure:



GENOME DATABASES

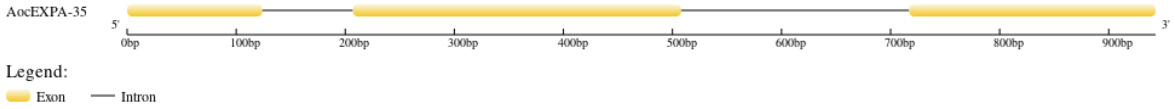
Phytozome: https://phytozome-next.jgi.doe.gov/info/Aoccidentale_v0_9

KEGG:-

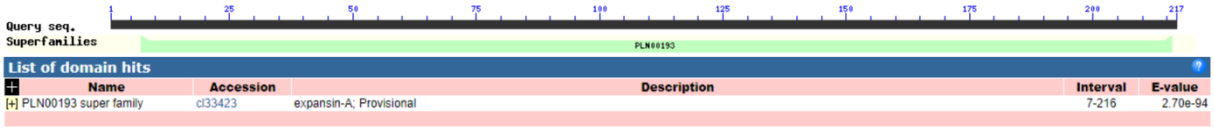
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AocEXPA-35

MEGAFAFICVISISVIFNVASADWQKAHATFYGGSDASGTMGGACGYGNLYTDGYD
TNTAALSTALFNDGKACGGCYQIVCDATQEPQWCHKGTHITITATNFCPPNYDLPSD
NGGWCNPPLAHFDMAQPAFESIAITVLESWSWRYLNVWIKGSKMSDWQVMSRNWG
ANWQSLSYLNGQSLSFKIQLSNGRTRDALNVVPSDWQFGQSFKSNVQF*

CDS (coding sequence)

>AocEXPA-35

ATGGAAGGGGCCTTCGCATTCATTTGCGTCATTTCAATTTCAGTAATATTTAATGT
GGCATCCGCTGATTGGCAGAAAGCCCATGCAACTTTTTACGGCGGAAGTGATGCT
TCAGGAACAATGGGTGGTGCATGTGGTTATGGAAATCTGTATACAGATGGTTATG
ACACAAATACGGCAGCGTTGAGTACGGCTTTGTTCAACGATGGCAAGGCATGCG
GTGGCTGCTACCAGATAGTCTGCGACGCCACCCAGGAGCCTCAGTGGTGCCACAA
AGGCACACATATCACCATTACTGCTACAAACTTCTGTCCTCCGAACTATGATCTCC
CAAGTGACAATGGCGGTTGGTGCAATCCTCCCCTGGCGCACTTTGACATGGCTCA
GCCTGCTTTTGAGTCCATTGCCATTACAGTGCTGGAATCGTGGAGCTGGAGATAT
CTCAATGTCTGGATCAAAGGGTCCAAAATGAGTGATTGGCAAGTTATGTCAAGGA
ACTGGGGTGCGAATTGGCAGAGTTTAAGCTACCTCAATGGCCAGAGCTTGTCTTT
CAAAATTCAACTAAGCAATGGAAGGACCCGCGACGCTCTTAACGTCGTACCTTCC
GACTGGCAGTTTGGCCAATCCTTTAAAAGCAACGTACAATTCTAA

Nucleotide

>AocEXPA-35

ATGGAAGGGGCCTTCGCATTCATTTGCGTCATTTCAATTTCAGTAATATTTAATGT
GGCATCCGCTGATTGGCAGAAAGCCCATGCAACTTTTTACGGCGGAAGTGATGCT
TCAGGAACAATGGGTGAGTTTCTAATTCATGCTCACTTACAATTTACATTTCATTT
TTTTTTTGCTTTTCTCTAATGGCTTCAATTTCTTCATCAGGTGGTGCATGTGGTTAT
GGAAATCTGTATACAGATGGTTATGACACAAATACGGCAGCGTTGAGTACGGCTT
TGTTCAACGATGGCAAGGCATGCGGTGGCTGCTACCAGATAGTCTGCGACGCCAC
CCAGGAGCCTCAGTGGTGCCACAAAGGCACACATATCACCATTACTGCTACAAAC
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CCTGGCGCACTTTGACATGGCTCAGCCTGCTTTTGAGTCCATTGCCATTACAGTGC

TGGAATCGTACCTGTTTTTTATAGGAAGTATGTTGAGTTCACATTCTCGTCTTCAT
AGAACTTCCTTGCATATACGACTTTCTAGTTTACTATATATGTTTGAATAACAAGG
ACGTTTCTTCTCGTCTTATCAGAGTTGGATGCAAGAGAAGTGGAGGAATCAGATT
CACCTCAATGGAAAGGATTACTTTGAGCTAGTGCTAATATCAAATGTAGGTGGAG
CTGGAGATATCTCAATGTCTGGATCAAAGGGTCCAAAATGAGTGATTGGCAAGTT
ATGTCAAGGAACTGGGGTGCGAATTGGCAGAGTTTAAGCTACCTCAATGGCCAG
AGCTTGTCTTTCAAAATTCAACTAAGCAATGGAAGGACCCGCGACGCTCTTAACG
TCGTACCTTCCGACTGGCAGTTTGGCCAATCCTTTAAAAGCAACGTACAATTCTA
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