

IDENTIFICATION

Species: *Anacardium occidentale*

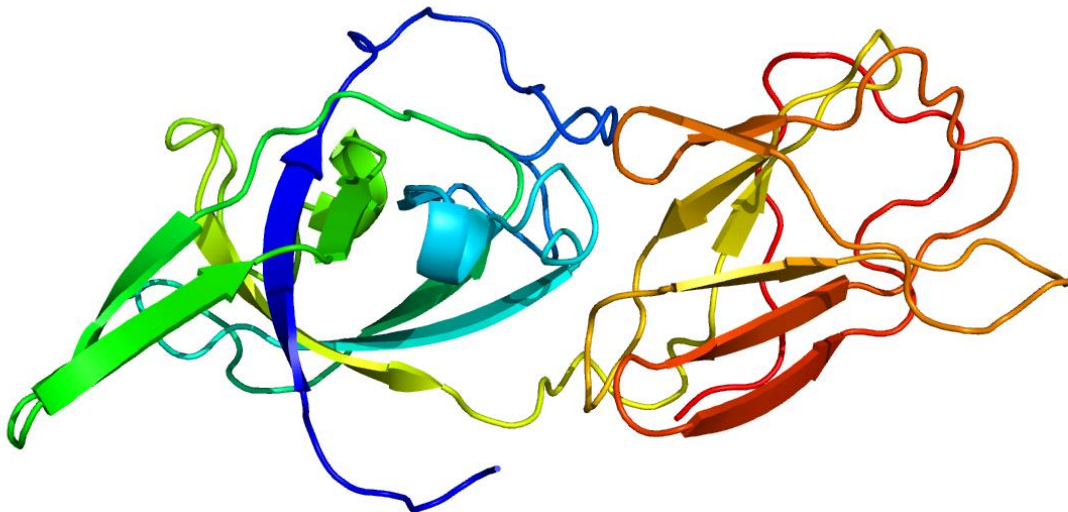
Locus: Anaoc.1081s0001

Gene Model: Anaoc.1081s0001.1.p

Description: AocEXPA-32

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

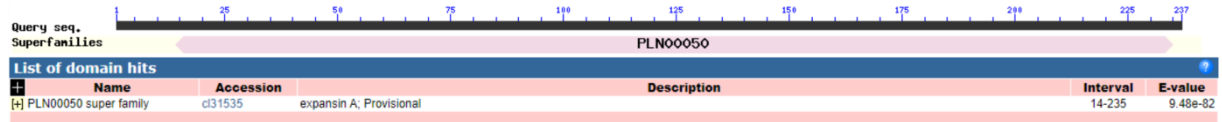
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AocEXPA-32

TVKHHRPKFSPGSWNKGHATFYDGDSSKSGGACGYEDVVKQGYGTNTAAVSPTLFK
KCQGCAGACYEIRCTNNPQWCKHGLIVTATNEGPPSWPIALDNGWSNGQLEHFDIA
RPVFSQIAEYQAGIVPIEYRRVPCIKQGGIRFTINGNPHFNLVSVWNVAGAGDVISVQV
KGNKCLKWTELTRNWGQKWQTDAMLVGESLTFRVRASDHRTSTSWHVVP MNWQF
GQTFEGKNFK*

CDS (coding sequence)

>AocEXPA-32

ACTGTTAAGCATCATAGGCCAAAGTTTAGCCCTGGTTCATGGAACAAGGGTCACG
CCACCTTCTATGATGGAGACTCAAATCATTTCGGTGGAGCTTGTGGTTATGAAGA
TGTGGTTAAACAAGGTTATGGTACGAATACAGCAGCAGTGAGCCCAACTTTATTT
AAAAAATGTCAAGGTTGTGGTGCTTGCTATGAGATCAGGTGCACTAATAACCCCC
AATGGTGCAAACATGGGCAATCGCTTATCGTCACAGCAACCAACGAAGGTCCAC
CAAGTTGGCCTATAGCATTGGACAATGGATGGTCAAACGGACAACCTGAACATTT
CGACATAGCTCGCCCTGTTTTTCTCAAATTGCGGAGTACCAAGCTGGCATTGTTC
CAATTGAATACCGCAGAGTTCCATGCATAAAACAAGGAGGAATTAGATTTACAAT
AAATGGAAATCCTCATTTCAACTTAGTCTCGGTATGGAATGTAGCAGGAGCCGGG
GATGTTATTAGTGTGCAAGTGAAGGGAAATAAAAAATTGAAATGGACGGAGTTA
ACGCGAAATTGGGGTCAAAAATGGCAAACAGATGCAATGTTAGTTGGAGAGTCA
TTGACCTTTAGAGTTTCGAGCAAGTGACCATAGA ACTTCAACCTCATGGCATGTCG
TGCCCATGAATTGGCAATTTGGTCAAACCTTTGAGGGAAAAAACTTCAAGTAG

Nucleotide

>AocEXPA-32

ACTGTTAAGCATCATAGGCCAAAGTTTAGCCCTGGTTCATGGAACAAGGGTCACG
CCACCTTCTATGATGGAGACTCAAATCATTTCGGTATAATAATTATTATTGAATCC
ATGGCTTATGTGTAATAATATTGAATCCATTTCGATATACTACAATTATTTCTAATT
TGTGTGGTTCGCTACAGGTGGAGCTTGTGGTTATGAAGATGTGGTTAAACAAGGTT
ATGGTACGAATACAGCAGCAGTGAGCCCAACTTTATTTAAAAAATGTCAAGGTTG
TGGTGCTTGCTATGAGATCAGGTGCACTAATAACCCCAATGGTGCAAACATGGG
CAATCGCTTATCGTCACAGCAACCAACGAAGGTCCACCAAGTTGGCCTATAGCAT

TGGACAATGGATGGTCAAACGGACAACCTTGAACATTTTCGACATAGCTCGCCCTGT
TTTTTCTCAAATTGCGGAGTACCAAGCTGGCATTGTTCCAATTGAATACCGCAGGT
TCAATTTTTTTATTTTCATAATTTCTTGTTAAAACAAAGTTTCTACTATTTTTGAAGA
ATTAATCGATTATACATTCATTCGTCTAGTCTATACTTTAACTGTCAAACGAGGGT
TCTCTTCCAAAACCAACGTAAATAAGACAATACATAAATAGTTGAACTTCCATGA
AATGAACTTTTGATTTAGTTTGAGTTTAATCTATTGCAGAGTTCCATGCATAAAAC
AAGGAGGAATTAGATTTACAATAAATGGAAATCCTCATTTCAACTTAGTCTCGGT
ATGGAATGTAGCAGGAGCCGGGGATGTTATTAGTGTGCAAGTGAAGGGAAATAA
AAAATTGAAATGGACGGAGTTAACGCGAAATTGGGGTCAAAAATGGCAAACAGA
TGCAATGTTAGTTGGAGAGTCATTGACCTTTAGAGTTTCGAGCAAGTGACCATAGA
ACTTCAACCTCATGGCATGTCGTGCCCATGAATTGGCAATTTGGTCAAACCTTTGA
GGGAAAAA ACTTCAAGTAG