

IDENTIFICATION

Species: *Anacardium occidentale*

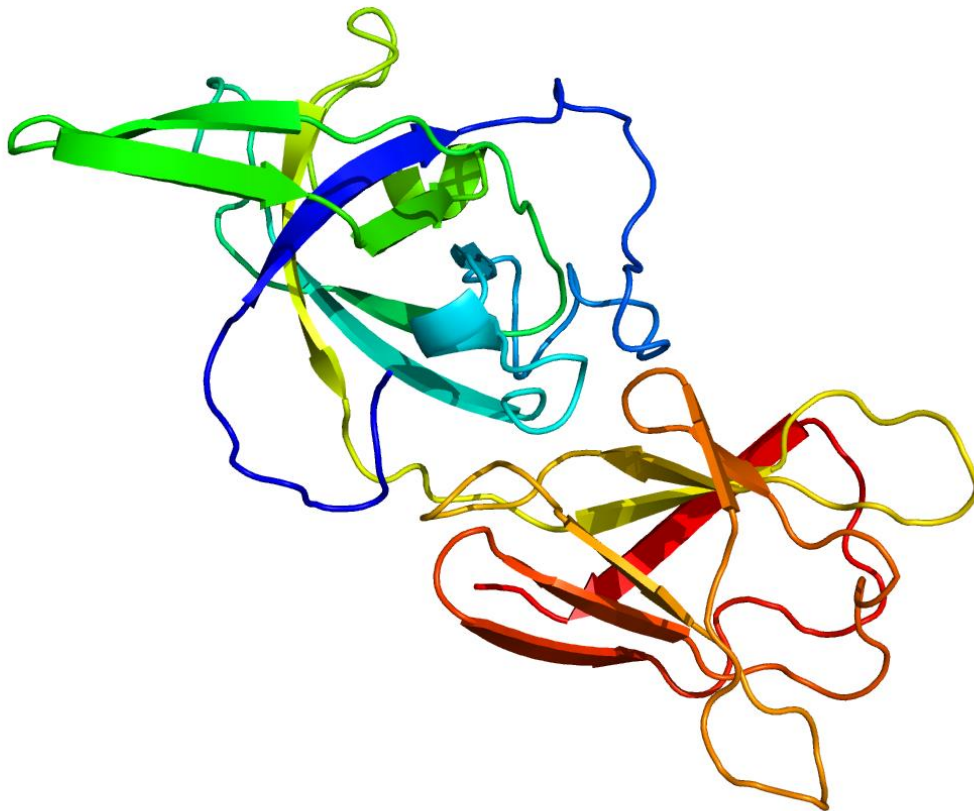
Locus: Anaoc.0008s1294

Gene Model: Anaoc.0008s1294.1.p

Description: AocEXPA-15

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG:-

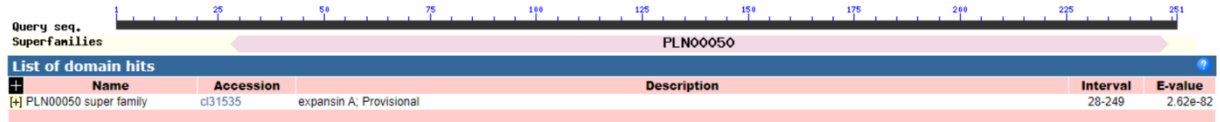
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AocEXPA-15

MSMPCKASPITLLFLAFHHRPKFSPGSWNKGHATFYDGDSKSFSGGACGYEDVVKQG
YGTNTAAVSPTLFKKCQGCACGYEIRCTNNPQWCKHGQSLIVTATNEGPPSWPIALD
NGWSNGQLEHFDIARPVFSQIAEYQAGIVPIEYRRVPCIKQGGIRFTINGNPHFNLVSV
WNVAGAGDVISVQVKGKLLKWTETLRNWGQKWQTDAMLVGESLFRVRASDHR
TSTSWHVPMNWQFGQTFEGKNFK*

CDS (coding sequence)

>AocEXPA-15

ATGTCAATGCCTTGCAAAGCCTCTCCAATTACATTATTATTTTTAGCTTTTCATCAT
AGGCCAAAGTTTAGCCCTGGTTCATGGAACAAGGGTCACGCCACCTTCTATGATG
GAGACTCAAATCATTTCGGTGGAGCTTGTGGTTATGAAGATGTGGTTAAACAAGG
TTATGGTACGAATACAGCAGCAGTGAGCCCAACTTTATTTAAAAAATGTCAAGGT
TGTGGTGCCTTGCTATGAGATCAGGTGCACTAATAACCCCAATGGTGCAAACATG
GGCAATCGCTTATCGTCACAGCAACCAACGAAGGTCCACCAAGTTGGCCTATAGC
ATTGGACAATGGATGGTCAAACGGACAACCTGAACATTTTCGACATAGCTCGCCCT
GTTTTTCTCAAATTGCGGAGTACCAAGCTGGCATTGTTCCAATTGAATACCGCAG
AGTTCCATGCATAAAACAAGGAGGAATTAGATTTACAATAAATGGAAATCCTCAT
TTCAACTTAGTCTCGGTATGGAATGTAGCAGGAGCCGGGGATGTTATTAGTGTGC
AAGTGAAGGGAAATAAAAAATTGAAATGGACGGAGTTAACGCGAAATTGGGGTC
AAAAATGGCAAACAGATGCAATGTTAGTTGGAGAGTCATTGACCTTTAGAGTTCC
AGCAAGTGACCATAGAACTTCAACCTCATGGCATGTCGTGCCCATGAATTGGCAA
TTTGGTCAAACTTTTGAGGGAAAAAATTCAAGTAG

Nucleotide

>AocEXPA-15

ATGTCAATGCCTTGCAAAGCCTCTCCAATTACATTATTATTTTTAGCTTTTGTTTTA
TTTGATTGCCATGTTAATGCCGACATGTTGTGGGTGTTCAACGACATTCAATAGCT
ACTGTTAAGCATCATAGGCCAAAGTTTAGCCCTGGTTCATGGAACAAGGGTCACG
CCACCTTCTATGATGGAGACTCAAATCATTTCGGTATAATAATTATTATTGAATCC
ATGGCTTATGTGTAATAATTTGAATCCATTCGATATACTACAATTATTTCTAATT
TGTGTGGTTCGCTACAGGTGGAGCTTGTGGTTATGAAGATGTGGTTAAACAAGGTT

ATGGTACGAATACAGCAGCAGTGAGCCCAACTTTATTTAAAAAATGTCAAGGTTG
TGGTGCTTGCTATGAGATCAGGTGCACTAATAACCCCAATGGTGCAAACATGGG
CAATCGCTTATCGTCACAGCAACCAACGAAGGTCCACCAAGTTGGCCTATAGCAT
TGGACAATGGATGGTCAAACGGACAACCTTGAACATTTTCGACATAGCTCGCCCTGT
TTTTTCTCAAATTGCGGAGTACCAAGCTGGCATTGTTCCAATTGAATACCGCAGGT
TCAATTTTTTTATTTTCATAATTTCTTGTTAAAACAAAGTTTCTACTATTTTTGAAGA
ATTAATCGATTATACATTCATTCGTCTAGTCTATACTTTAACTGTCAAACGAGGGT
TCTCTTCCAAAACCAACGTAAATAAGACAATACATAAATAGTTGAACTTCCATGA
AATGAACTTTTGATTTAGTTTGAGTTTAATCTATTGCAGAGTTCATGCATAAAAC
AAGGAGGAATTAGATTTACAATAAATGGAAATCCTCATTTCAACTTAGTCTCGGT
ATGGAATGTAGCAGGAGCCGGGGATGTTATTAGTGTGCAAGTGAAGGGAAATAA
AAAATTGAAATGGACGGAGTTAACGCGAAATTGGGGTCAAAAATGGCAAACAGA
TGCAATGTTAGTTGGAGAGTCATTGACCTTTAGAGTTTCGAGCAAGTGACCATAGA
ACTTCAACCTCATGGCATGTCGTGCCCATGAATTGGCAATTTGGTCAAACCTTTGA
GGGAAAAAACTTCAAGTAG