IDENTIFICATION

Species: *Anacardium occidentale*

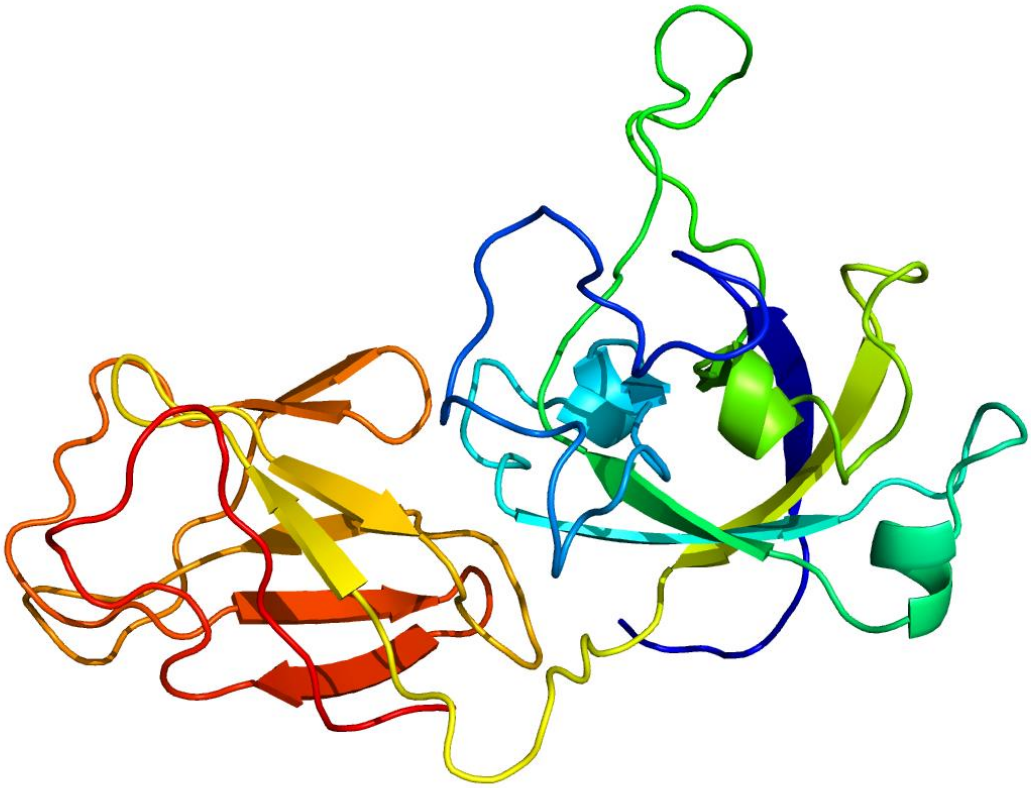
Locus: Anaoc.0016s1152

Gene Model: Anaoc.0016s1152.1.p

Description: AocEXPA-25

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

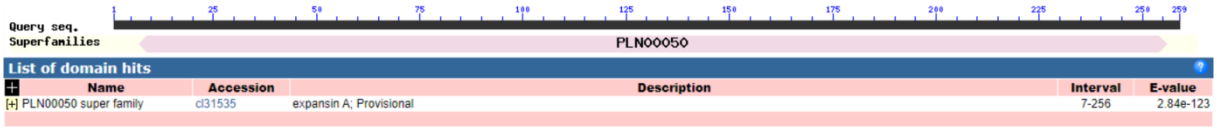
KEGG:-

EXTERNAL RESOURCES

-

GENE STRUCTURE

DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AocEXPA-25

MALLGILLVASFVLFLSIVDARIPGVYTGSEWQSAHATFYGGSDASGTMGGACGYGN
LYSQGYGVNTAALSTALFNNGLSCGACFELKCANEPQWCHPGSPSIFVTATNFCPPNF
AQPSDNGGWCNPPRPHFDLAMPMFLKIAEYRAGIVPVSYRRVPCRKQGGIRFTINGFR
YFNLVLITNVAGAGDIVKASVKGSNTGWMSLSRNWGQNWQSNTVLVGQSLSFRVT
GSDRRTSTSWNIVPANWQFGQTFTGKNFRV*

CDS (coding sequence)

>AocEXPA-25

ATGGCTCTTCTGGGTATTCTTCTCGTGGCTTCTTTTGTTCTTTTTTTGAGCATTGTG
GATGCTAGAATCCCAGGAGTTTACACTGGCAGTGAATGGCAAAGCGCTCATGCCA
CTTTCTATGGGGGCAGTGACGCCTCCGGAACAATGGGTGGTGCTTGTGGGTACGG
AAACTTATACAGCCAAGGCTACGGCGTGAACACAGCAGCACTAAGCACGGCCTT
GTTCAACAATGGATTAAGTTGCGGAGCATGTTTCGAGCTAAAGTGTGCGAATGAA
CCACAATGGTGTCATCCTGGAAGCCCTTCAATCTTCGTTACCGCCACCAATTTTTG
CCCTCCGAACTTCGCTCAGCCCAGCGACAATGGCGGGTGGTGCAATCCCCCTCGC
CCTCATTTCGACCTCGCCATGCCCATGTTCCTCAAAATCGCCGAGTACCGTGCAG
GAATTGTTCCCGTCTCTTATCGAAGGGTTCCTTGCCGTAAGCAAGGTGGGATCAG
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GTGCTGGGGATATAGTGAAGGCTAGTGTGAAGGGATCCAACACTGGGTGGATGA
GTTTGAGCAGAAACTGGGGACAAAATTGGCAATCAAACACAGTTTTGGTTGGTCA
GTCACTTTCGTTCAGGGTGACAGGCAGTGACCGTCGTACTTCCACGTCATGGAAC
ATAGTCCCCGCAAATTGGCAGTTTGGTCAAACTTTCACAGGAAAGAATTTCAGGG
TCTAA

Nucleotide

>AocEXPA-25

CACTCTTCCCTTCTCCGCACATCCCACTTCCCCAAAATTTCTCTTATCTCTTTCTCT
GTTTAGAGCATTCTTTAGTCAAACTGAAACCAAATGGCTCTTCTGGGTATTCTTCT
CGTGGCTTCTTTTGTTCTTTTTTTGAGCATTGTGGATGCTAGAATCCCAGGAGTTT
ACACTGGCAGTGAATGGCAAAGCGCTCATGCCACTTTCTATGGGGGCAGTGACGC
CTCCGGAACAATGGGTACAAATACATATATTTAACCAGAACTTCTTTGCATTTCA

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CAAACATTATTAATGTTCAGCATTTCCTTCCCGCGTAAATCTCACAGATCAGCAG
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CCAAAAGGCCCTCTCAGGAATTTTTTATGTATATGTTTAATCATTTTGTTAAACGG
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TCAACGGTTTCCGTTACTTCAATTTGGTTTTGATCACCAACGTCGCGGGTGCTGGG
GATATAGTGAAGGCTAGTGTGAAGGGATCCAACACTGGGTGGATGAGTTTGAGC
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CGCAAATTGGCAGTTTGGTCAAACTTTCACAGGAAAGAATTTCAGGGTCTAAACT
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