

IDENTIFICATION

Species: *Anacardium occidentale*

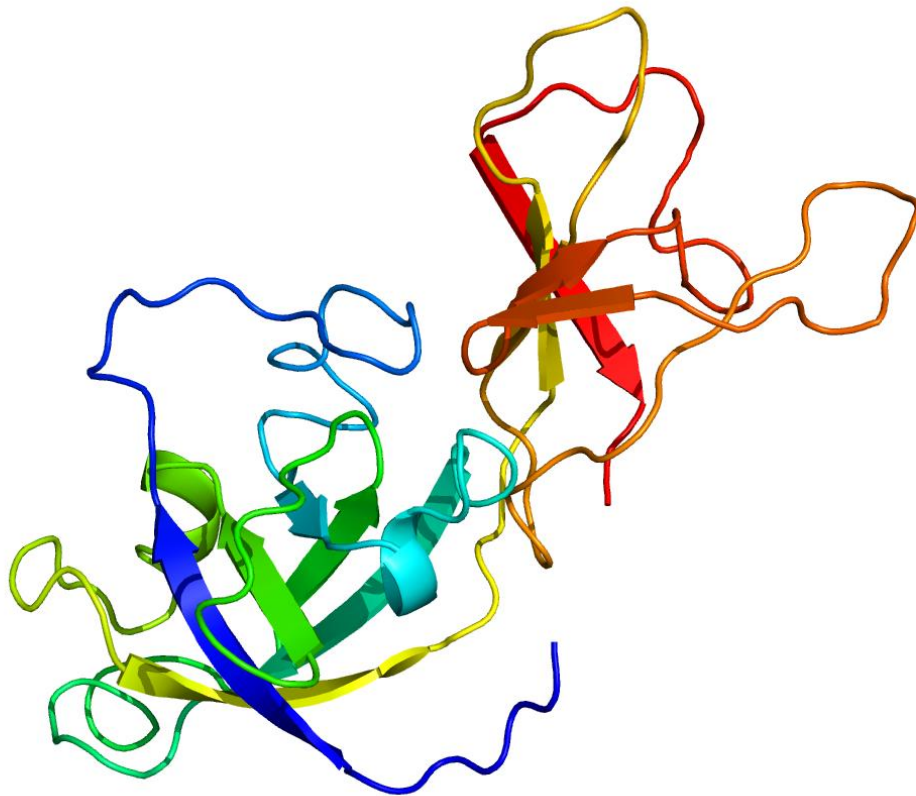
Locus: Anaoc.0014s1190

Gene Model: Anaoc.0014s1190.1.p

Description: AocEXPA-21

Family: Alpha Expansin

3D structure:



GENOME DATABASES

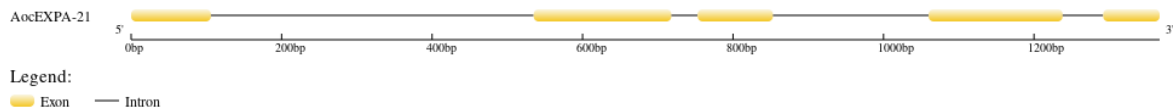
Phytozome: https://phytozome-next.jgi.doe.gov/info/Aoccidentale_v0_9

KEGG:-

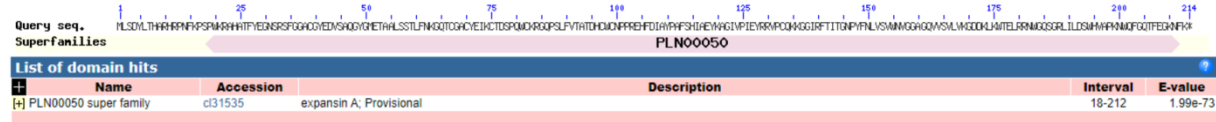
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AocEXPA-21

MLSDYLTHARHRPNFKPSPWKRAHATFYEGNSRSFSGGACGYEDVSAQGYGMETAA
LSSTLFNKGQTCGACYEIKCTDSPQWCKRGQPSLFVTATDHCWCNPPREHFIDIAYP
AFSHIAEYKAGIVPIEYRRVPCQKKGIRFTITGNPYFNLVSVWNVGGAGQVVSVLVKG
DDKLKWTELRRNWGQSGRLILDSWHVAPKNWQFGQTFEGKNFK*

CDS (coding sequence)

>AocEXPA-21

ATGTTGTCGGATTACCTTACCCATGCTCGACATAGGCCAAACTTCAAGCCTAGTC
CTTGAAGAGGGCTCATGCTACTTTTTACGAGGGAAACTCAAGATCATTTCGGTGG
AGCTTGTGGTTATGAAGATGTATCTGCACAAGGCTATGGCATGGAAACAGCAGCA
TTGAGTTCAACTTTGTTTAATAAGGGTCAGACTTGTGGTGCTTGTATGAAATTAA
ATGTAATGATAGCCCTCAGTGGTGCAAGCGTGGACAACCATCTCTGTTTGTACAG
GCCACAGACCATTGTTGGTGAATCCACCTCGCGAACATTTTGACATCGCCTATCC
AGCATTCTCTCATATTGCTGAATACAAGGCTGGCATTGTCCCGATTGAATATCGA
AGAGTTCCATGCCAAAAGAAAGGAGGTATTCGATTTACAATTACTGGGAACCCCT
ACTTCAATCTAGTCTCAGTATGGAATGTGGGAGGCGCAGGACAGGTTGTTAGCGT
GCTAGTGAAGGGTGATGACAAGTTGAAATGGACAGAATTGAGACGAAATTGGGG
TCAAAGTGGGAGACTGATACTCGACTCATGGCATGTTGCGCCCAAAAATTGGCAG
TTTGGCCAAACTTTCGAGGGCAAAAACCTTCAAGTAG

Nucleotide

>AocEXPA-21

ATGTTGTCGGATTACCTTACCCATGCTCGACATAGGCCAAACTTCAAGCCTAGTC
CTTGAAGAGGGCTCATGCTACTTTTTACGAGGGAAACTCAAGATCATTTCGGTAC
GCTAATATTGATAAACTATATATCAATGACCTCTTATTTGGTTGTTTTTTGAACC
TTGAGGTCTCATATGTTGAGAATATACCAAGTCTGTGCGATAACAATTTATGATTAT
GTAATATCTAAAATTGTTGTTTGGAGACTTCTCTTGGCGTCAATTTCTATTTGAGCTGA
AATGGAAAATGTGAACGTGCTTCCATATCCATTGATGCAAGCATCATATGTTTAT
ATCCAAGTAAAAAGTGTATGAAAAAAGCGGATAAAATTACTGCTT
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AGATGTATCTGCACAAGGCTATGGCATGGAAACAGCAGCATTGAGTTCAACTTTG
TTAATAAGGGTCAGACTTGTGGTGCTTGTATGAAATTAATGTACTGATAGCC
CTCAGTGGTGCAAGCGTGGACAACCATCTCTGTTTGTACGGCCACAGACCATTG
TCCACCAAACCTTTAATCTACCAAATACAACGGAGGTTGGTGTAAATCCACCTCGCG
AACATTTTGACATCGCCTATCCAGCATTCTCTCATATTGCTGAATACAAGGCTGGC
ATTGTCCCGATTGAATATCGAAGGTCTTTCCTTTTTATCCTAATTTACACTTTAAA
ATAAGTCCTAATATTATAATTTTCAAGTACCTTCTAATTTTTGGAATGCTCATAAT
TGTTTATATCTTAACTATAGAATAATGAGGAAGTATTTTCATAAATTTAGTCGAAG
AACAAACAAAGATAATTATTTTCTATTAAATGAAGTTCTGACTTGTTTAAATACTA
CTGTAGAGTTCCATGCCAAAAGAAAGGAGGTATTGATTTACAATTACTGGGAAC
CCCTACTTCAATCTAGTCTCAGTATGGAATGTGGGAGGCGCAGGACAGGTTGTTA
GCGTGCTAGTGAAGGGTGATGACAAGTTGAAATGGACAGAATTGAGACGAAATT
GGGTCAAAGTGGGAGACTGGTGAAAGGTTGATTGGAGAGTCACTGACCTTCAG
AGTTAGAGCAGTGATGGTAGATACTCGACTCATGGCATGTTGCGCCCAAAAATTG
GCAGTTTGGCCAAACTTTCGAGGGCAAAAACCTTCAAGTAG