

IDENTIFICATION

Species: *Anacardium occidentale*

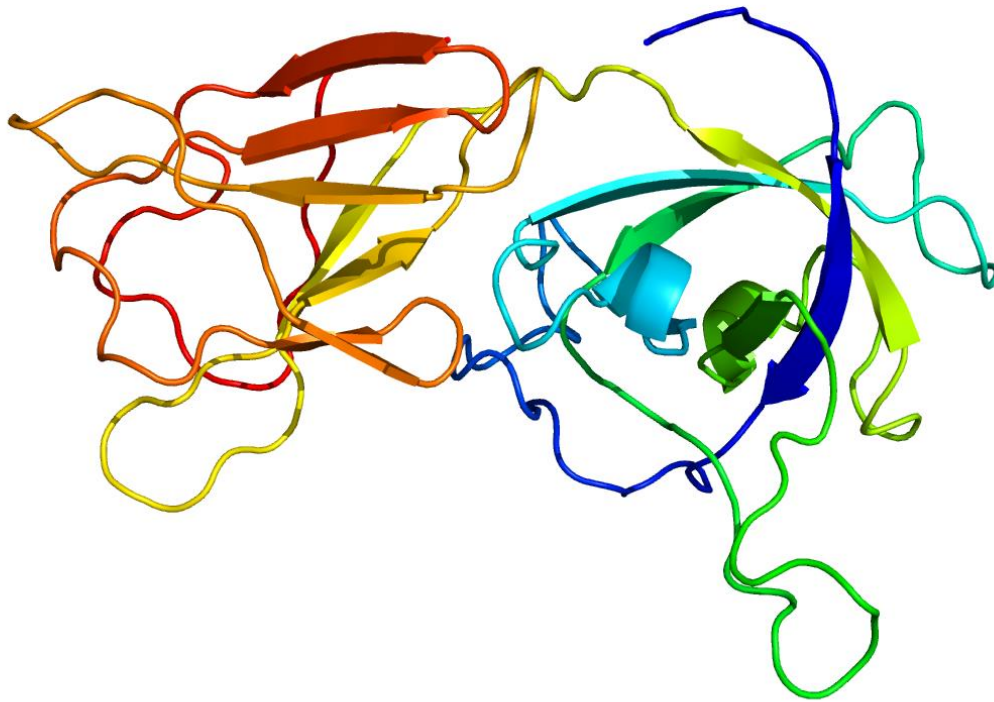
Locus: Anaoc.0014s1188

Gene Model: Anaoc.0014s1188.1.p

Description: AocEXPA-20

Family: Alpha Expansin

3D structure:



GENOME DATABASES

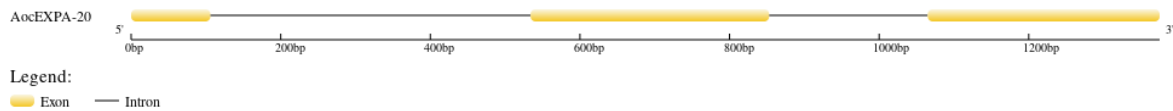
Phytozome: https://phytozome-next.jgi.doe.gov/info/Aoccidentale_v0_9

KEGG:-

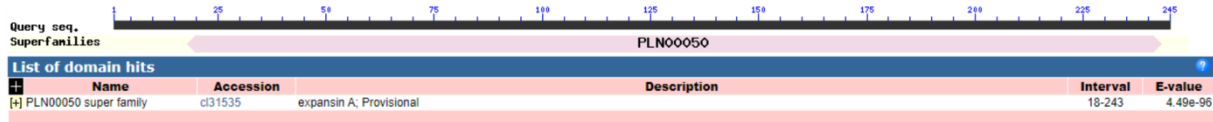
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AocEXPA-20

MLSDYLTHARHRPNFKPSPWKRAHATFYKGNRSRFGGACGYEDVSAQGYGMETAA
LSSTLFNKGQTCGACYEIKCTDSPQWCKRGQPSLFVTATDHCPPNFNLPNDNGGWCN
PPREHFDIAYPAFSHIAEYKAGIVPIEYRRVPCQKKGIRFTITGNPYFNLVSVWNVGG
AGQVVSVLVKGDDKLKWTELRRNWGQKWETGERLIGESLTFRVRASDGRYSTSWH
VAPKNWQFGQTFEGKNFK*

CDS (coding sequence)

>AocEXPA-20

ATGTTGTCGGATTACCTTACCCATGCTCGACATAGGCCAAACTTCAAGCCTAGTC
CTTGAAGAGGGCTCATGCTACTTTTTACAAGGGAAACTCAAGATCATTTCGGTGG
AGCTTGTGGTTATGAAGATGTATCTGCACAAGGCTATGGCATGGAAACAGCAGCA
TTGAGTTCAACTTTGTTTAATAAGGGTCAGACTTGTGGTGCTTGTATGAAATTAA
ATGTACTGATAGCCCTCAGTGGTGCAAGCGTGGACAACCATCTCTGTTTGTACG
GCCACAGACCATTGTCCACCAAACCTTAACTACCAAATGACAACGGAGGTTGGT
GTAATCCACCTCGCGAACATTTTGACATCGCCTATCCAGCATTCTCTCATATTGCT
GAATACAAGGCTGGCATTGTCCCGATTGAATATCGAAGAGTTCATGCCAAAAGA
AAGGAGGTATTCGATTTACAATTACTGGGAACCCCTACTTCAATCTAGTCTCAGT
ATGGAATGTGGGAGGCGCAGGACAGGTTGTTAGCGTGCTAGTGAAGGGTGATGA
CAAGTTGAAATGGACAGAATTGAGACGAAATTGGGGTCAAAGTGGGAGACTGG
TGAAAGGTTGATTGGAGAGTCACTGACCTTCAGAGTTAGAGCAAGTGATGGTAG
ATACTCGACCTCATGGCATGTTGCGCCAAAAAATTGGCAGTTTGGCCAAACTTTC
GAGGGCAAAAACCTTCAAGTAG

Nucleotide

>AocEXPA-20

ATGTTGTCGGATTACCTTACCCATGCTCGACATAGGCCAAACTTCAAGCCTAGTC
CTTGAAGAGGGCTCATGCTACTTTTTACAAGGGAAACTCAAGATCATTTCGGTAC
GCTAATATTGATAAACTATGTATCAATGACCTCTTATTGGTTGTTTTTTGAACC
TTGAGGTCTCATATGTTGAGAATATACCAAGTTCTGTGATATAATTTATGATTAT
GTAATATCTAAAATTGTTGTTTGGAGACTTCTCTTGGCGTCAATTCTATTTGAGCTGA
AATGGAAAATGTGAACGTGCTTCCATATCCATTGATGCAAGCATCATATGTTTAT

ATCCAAGTAAAAAGTGTATGAAAAAAAAAAAAAAAAAGCGGATAAAATTACTGCTTTA
TGTTATCAGGAGCTAGACCAATTTTTAGTGCCCAATATAGAATTACATGCATCATT
CTTCTTCAAAAATAAACTTAGTATGCATTTATAGTTTGTGGTTCCACGGACTATT
TGCAGTAGTTCTGAAGTTTTATTTTACGATTATAGGTGGAGCTTGTGGTTATGAAG
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TAATAAGGGTCAGACTTGTGGTGCTTGTATGAAATTAATGTACTGATAGCCCT
CAGTGGTGCAAGCGTGGACAACCATCTCTGTTTGTACGGCCACAGACCATTGTC
CACCAAACCTTAATCTACCAAATGACAACGGAGGTTGGTGTAATCCACCTCGCGA
ACATTTTGACATCGCCTATCCAGCATTCTCTCATATTGCTGAATACAAGGCTGGCA
TTGTCCCGATTGAATATCGAAGGTCTCTTTCTTTTATCCTAATTTACACTTTAAA
ATAAGTCCTAATATTATAATTTTCAAGTACCTTCTAATTTTTGGAAATGCTCATAA
TTGTTTATATCTTAACTATAGAATAATGAGGAAGTATTTTCATAAATTTAGTCGAA
GAACAAAACAAAGATAATCAGTTTTCTATTAATGAAGTTCTGACTTGTTTAAAT
ACTACTGTAGAGTTCCATGCCAAAAGAAAGGAGGTATTCGATTTACAATTACTGG
GAACCCCTACTTCAATCTAGTCTCAGTATGGAATGTGGGAGGCGCAGGACAGGTT
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