

## IDENTIFICATION

**Species:** *Anacardium occidentale*

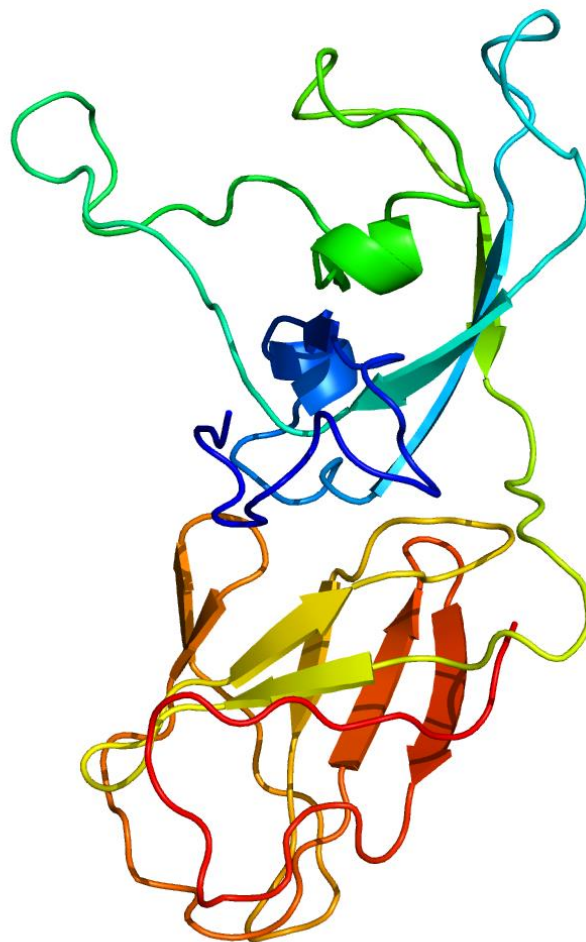
**Locus:** Anaoc.0007s1052

**Gene Model:** Anaoc.0007s1052.1.p

**Description:** AocEXPA-13

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

Phytozome: [https://phytozome-next.jgi.doe.gov/info/Aoccidentale\\_v0\\_9](https://phytozome-next.jgi.doe.gov/info/Aoccidentale_v0_9)

KEGG:-

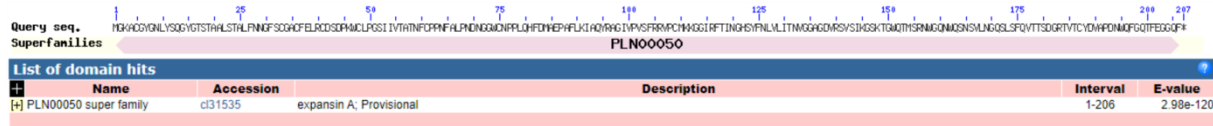
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>AocEXPA-13

MGKACGYGNLYSQGYGTSTAALSTALFNNGFSCGACFELRCDSDPKWCLPGSIIVTA  
TNFCPPNFALPNDNGGWCNPLQHFDMAEPAFLKIAQYRAGIVPVSFRRVPCMCKGG  
IRFTINGHSYFNLVLITNVGGAGDVRSVSIKGSKTGWQTMSRNWQONWQSNVNLG  
QSLSFQVTTSDGRTVTCYDVAPDNWQFGQTFEGGQF\*

### CDS (coding sequence)

>AocEXPA-13

ATGGGTAAGGCCTGCGGATATGGGAATTTATACAGTCAAGGATATGGAACAAGC  
ACCGCAGCACTAAGCACAGCGCTGTTCAATAATGGGTTTCAGTTGTGGAGCTTGTT  
TTGAGCTGAGGTGTGATAGTGATCCAAAATGGTGCCTCCCTGGTTCAATAATTGT  
AACTGCTACAACTTCTGCCCGCCAACTTTGCCTTGCCCAATGACAACGGTGGC  
TGGTGCAATCCTCCTCTGCAACACTTCGACATGGCTGAGCCTGCTTTCCTGAAAAT  
TGCACAATACCGTGCTGGAATTGTGCCTGTGTCATTTAGAAGGGTTCCGTGCATG  
AAGAAAGGAGGGATAAGGTTTACAATAAACGGACACTCCTACTTCAACTTGGTTC  
TGATACCAACGTCGGTGGAGCCGGAGACGTTTCGATCGGTTTCAATCAAAGGCTC  
TAAACTGGATGGCAGACCATGTCAAGAACTGGGGCCAAAATGGCAGAGTAA  
CTCGGTTCTCAATGGACAAAGCCTCTCTTTTCAAGTCACCACCAGTGACGGCAGA  
ACTGTCACTTGTTACGATGTGGCGCCGGATAATTGGCAGTTCGGACAACTTTTG  
AAGCGGCCAATTCTAG

### Nucleotide

>AocEXPA-13

CCGACTATGGAGGCTGGCAAGGCGGTCATGCCACTTTCTATGGCGGCGGTGATGC  
GTCTGGTACTATGGGTAAGTATTTGTTACTTAATTCTATTATGCCCTGAACATTGC  
AGCTTCATCAATTATTAATATGTGTGTGCAGGAGGGCCTGCGGATATGGGAATTT  
ATACAGTCAAGGATATGGAACAAGCACCGCAGCACTAAGCACAGCGCTGTTCAA  
TAATGGGTTTCAGTTGTGGAGCTTGTTTTGAGCTGAGGTGTGATAGTGATCCAAA  
TGGTGCCTCCCTGGTTCAATAATTGTAAGTCTACAACTTCTGCCCGCCAACTT  
TGCTTGCCCAATGACAACGGTGGCTGGTGCATCCTCCTCTGCAACACTTCGAC  
ATGGCTGAGCCTGCTTTCCTGAAAATTGCACAATACCGTGCTGGAATTGTGCCTG

TGTCATTTAGAAAGGTATTTGTAGCTCCATTTTCCCAGCAGTGGCTGGGGGATTTGCT  
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GAAGAAAGGAGGGATAAGGTTTACAATAAACGGGACACTCCTACTTCAACTTGGTT  
CTGATCACCAACGTCGGTGGAGCCGGAGACGTTTCGATCGGTTTCAATCAAAGGCT  
CTAAAACCTGGATGGCAGACCATGTCAAGAACTGGGGCCAAAACCTGGCAGAGTA  
ACTCGGTTCTCAATGGACAAAGCCTCTCTTTTCAAGTCACCACCAGTGACGGCAG  
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GAAGGCGGCCAATTCTAGTACATTTCCTTTTGCCAAGAAATTCGTGGGAGTTTTA  
AAGTTTGATGTGGAAATGCTGGGGCGCTAAGACAGCAGCACCCCCTCATATACAA  
GCAATAGCTTTCAAGAGAAAATATTTTATTATAATGATCTTATCCATACTTGTATT  
TACCATTTTTATTATCCTCATCTTATTATAATTTCTTACTGGCAAATATAAAAGTA  
GCTACTTATATGGTCGATCTATAGTTTTGATAACATAAACTAAGTAATTCTGTAA  
ACTTC