

## IDENTIFICATION

**Species:** *Anacardium occidentale*

**Locus:** Anaoc.0001s0230

**Gene Model:** Anaoc.0001s0230.1.p

**Description:** AocEXPA-01

**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:-

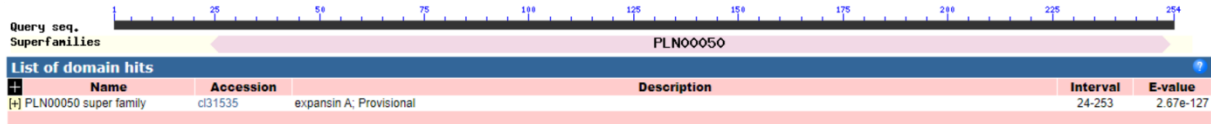
## EXTERNAL RESOURCES

-

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>AocEXPA-01

MAFQMMQTSPFLIFLLFNLCFHGINDYGGWQIAHATFYGGSDASGTMGGACGYGN  
LYSQYGTATAALSTTLFSSGVSCGACYQIRCYNPQWCLSGTITVTATNFCPPNYAL  
ANDNGGWCNPPLHHFDLAEP AFLKIAQYRAGIVPVLFRRVPCM KKGIRFTINGHSY  
FNLVLITNVGGAGDITAVFIKGSRTGWQQMSRNWQNWQSN SYLNGQSLSFKVISSD  
GKTVTSDNVVPGNWQFGQTFEGDQF\*

### CDS (coding sequence)

>AocEXPA-01

ATGGCGTTTCAGATGATGCAA ACTTCGCCATTTCTCATTTTCTTGCTATTCAACTT  
ATGTTTTTCATGGCATCAACGGAGACTACGGTGGCTGGCAAATTGCACATGCGACA  
TTTTATGGTGGCAGCGATGCTTCTGGTACAATGGGGGGAGCATGTGGGTATGGAA  
ACTTGTACAGTCAAGGTTATGGAACAGCCACTGCAGCTCTAAGCACGACTCTTTT  
CAGCAGTGGCGTCAGCTGCGGCGCATGCTACCAGATACGCTGTTATAATGATCCT  
CAATGGTGCCTCTCCGGTACCATCACAGTCACTGCCACTA ACTTCTGCCCTCCCAA  
CTACGCATTGGCTAATGACAATGGTGGCTGGTGCAATCCGCCTCTCCATCACTTC  
GATTTGGCCGAGCCCGCTTTCTGAAAATCGCACAAATATCGCGCTGGAATCGTCC  
CCGTCCTCTTCAGAAGGGTGCCATGTATGAAGAAAGGAGGTATAAGATTACCCAT  
CAATGGCCATTCATACTTCAACTTGGTTTTGATAACGAACGTGGGTGGTGCCGGG  
GATATCACGGCGGTGTTTCATCAAGGGGTCAAGAACAGGATGGCAACAAATGTCA  
AGAAATTGGGGCCAGAATTGGCAAAGCAATTCGTATCTGAACGGGCAAAGCCTC  
TCATTCAAAGTGATATCCAGCGATGGAAAGACAGTCACCAGCGACAATGTTGTGC  
CCGGA AATTGGCAATTTGGACAACTTTTGAAGGAGATCAATTTTAG

### Nucleotide

>AocEXPA-01

AGACAGATAAATAAGATACACACTTCTCTCCTTGTTCCCTTCTAAGCCACAGAAA  
TGGCGTTTCAGATGATGCAA ACTTCGCCATTTCTCATTTTCTTGCTATTCAACTTAT  
GTTTTTCATGGCATCAACGGAGACTACGGTGGCTGGCAAATTGCACATGCGACATT  
TTATGGTGGCAGCGATGCTTCTGGTACAATGGGTGAGTAGGTTAACCTGATGATC  
TTTTGCATTTGTCTTTAATTAATTTAATTTGTGTTTGA AATATTGCTGTGTTTCTATT  
TGTATACGTAGGGGGAGCATGTGGGTATGGAAACTTGTACAGTCAAGGTTATGGA

ACAGCCACTGCAGCTCTAAGCACGACTCTTTTCAGCAGTGGCGTCAGCTGCGGCG  
CATGCTACCAGATACGCTGTTATAATGATCCTCAATGGTGCCTCTCCGGTACCATC  
ACAGTCACTGCCACTAACTTCTGCCCTCCCAACTACGCATTGGCTAATGACAATG  
GTGGCTGGTGCAATCCGCCTCTCCATCACTTCGATTTGGCCGAGCCCGCTTTCCTG  
AAAATCGCACAAATATCGCGCTGGAATCGTCCCCGTCCTCTTCAGAAGGTAACATC  
GCATCCAAACCTAAACCGTTAATGTTTCATTTCGCTTAGCGCAAAGGAAATTTATAA  
AATTATGAGCGCATGCATGCAGGGTGCCATGTATGAAGAAAGGAGGTATAAGAT  
TCACCATCAATGGCCATTCATACTTCAACTTGGTTTTGATAACGAACGTGGGTGGT  
GCCGGGGATATCACGGCGGTGTTTCATCAAGGGGTCAAGAACAGGATGGCAACAA  
ATGTCAAGAAATTGGGGCCAGAATTGGCAAAGCAATTCGTATCTGAACGGGCAA  
AGCCTCTCATTCAAAGTGATATCCAGCGATGGAAAGACAGTCACCAGCGACAAT  
GTTGTGCCCGGAAATTGGCAATTTGGACAAACTTTTGAAGGAGATCAATTTTAGC  
GATTAATTTTTACTTATTTCAATGCCATGTTTCTTATTAATGTAAAGATTGAAGTC  
GTAAAGATTTGACGTGAGTTTGTGTTGGGCTGAGGTGACAATTGCACCCGCAATGC  
TTACTATAAGTGACTATAAGCTCGTTTGAAAATGAGTTTGTGATTGATTGATAAA  
TAAAAATCATATTTATATACT