

## IDENTIFICATION

**Species:** *Anacardium occidentale*

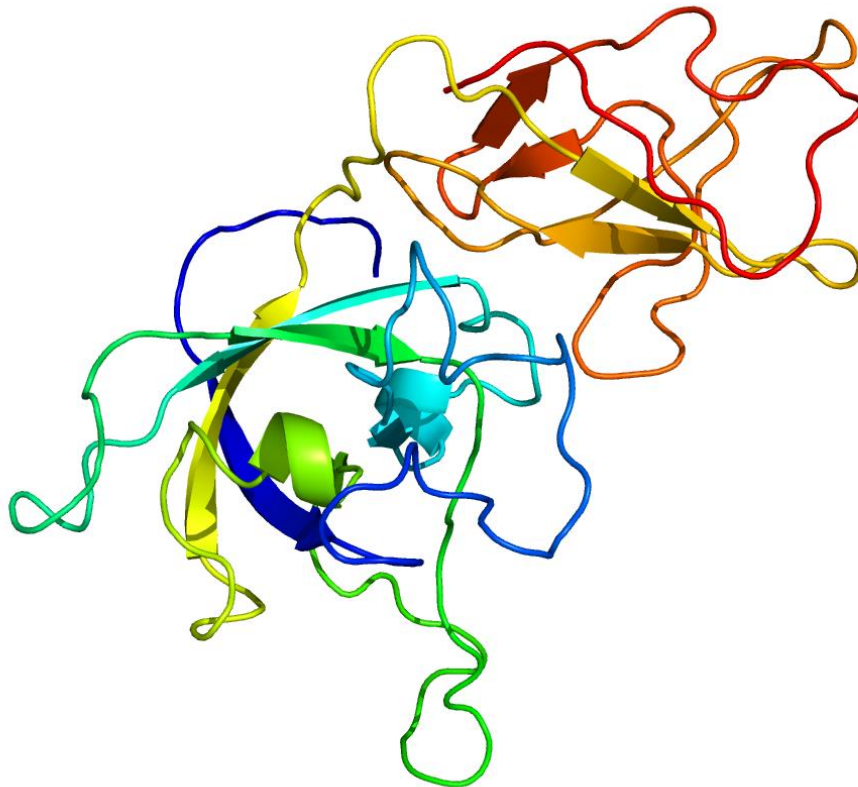
**Locus:** Anaoc.0931s0002

**Gene Model:** Anaoc.0931s0002.1.p

**Description:** AocEXPA-30

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

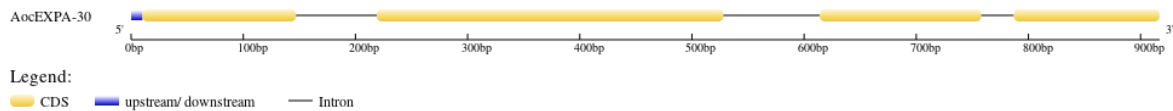
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Aoccidentale\\_v0\\_9](https://phytozome-next.jgi.doe.gov/info/Aoccidentale_v0_9)

KEGG:-

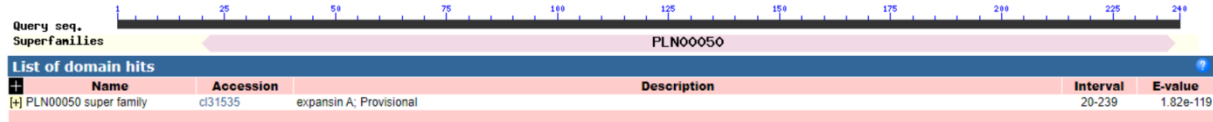
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>AocEXPA-30

MALQFLSLSFLLFILYVHHTTADYGGWQGGHATFYGGGDASGTMGKACGYGNLYS  
QGYGTSTAALSTALFNNGFSCGACFELRCSDPKWCLPGSIIVTATNFCPPNFALPND  
NGGWCNPPLQHFDMAEPAFLKIAQYRAGIVPVSFRRVPCMKKGGIRFTINGHSYFNL  
VLITNVGGAGDVRSVSIKGSKTGWQTINSVLNGQSLSFQVTTSDGRTVTCYDVAPDN  
WQFGQTFEGGQF\*

### CDS (coding sequence)

>AocEXPA-30

ATGGCTCTTCAATTTTTGTCCCTCTCTTTTCTTCTCTTCATTCTCTACGTCCACCAC  
ACCACCGCCGACTATGGAGGCTGGCAAGGCGGTCATGCCACTTTCTATGGCGGCG  
GTGATGCGTCTGGTACTATGGGTAAGGCCTGCGGATATGGGAATTTATACAGTCA  
AGGATATGGAACAAGCACCCGACACTAAGCACAGCGCTGTTCAATAATGGGTT  
CAGTTGTGGAGCTTGTTTTGAGCTGAGGTGTGATAGTGATCCAAAATGGTGCCTC  
CCTGGTTCAATAATTGTAAGTCTACAACTTCTGCCCGCCAACTTTGCCTTGCC  
CAATGACAACGGTGGCTGGTGAATCCTCCTCTGCAACACTTCGACATGGCTGAG  
CCTGCTTTCCTGAAAATTGCACAATACCGTGCTGGAATTGTGCCTGTGTCATTTAG  
AAGGTTCCGTGCATGAAGAAAGGAGGGATAAGGTTTACAATAAACGGACACTC  
CTACTTCAACTTGGTTCTGATCACCAACGTCGGTGGAGCCGGAGACGTTTCGATCG  
GTTTCAATCAAAGGCTCTAAAAGTGGATGGCAGACCATTAAGTTCGGTTCTCAATG  
GACAAAGCCTCTTTTTCAAGTCAACCACAGTGACGGCAGAACTGTCACTTGTTA  
CGATGTGGCGCCGGATAATTGGCAGTTCGGACAACTTTTGAAGGCGGCCAATTC  
TAG

### Nucleotide

>AocEXPA-30

ACCAACTTCAATGGCTCTTCAATTTTTGTCCCTCTCTTTTCTTCTCTTCATTCTCTA  
CGTCCACCACACCACCGCCGACTATGGAGGCTGGCAAGGCGGTCATGCCACTTTC  
TATGGCGGCGGTGATGCGTCTGGTACTATGGGTAAGTATTTGTTACTTAATTCTAT  
TATGCCCTGAACATTGCAGCTTCATCAATTATTAATATGTGTGTGCAGGAGGGCC  
TGCGGATATGGGAATTTATACAGTCAAGGATATGGAACAAGCACCCGACACTA  
AGCACAGCGCTGTTCAATAATGGGTTTCAGTTGTGGAGCTTGTTTTGAGCTGAGGT

GTGATAGTGATCCAAAATGGTGCCTCCCTGGTTCAATAATTGTAAGTCTACAAA  
CTTCTGCCCGCCAAACTTTGCCTTGCCCAATGACAACGGTGGCTGGTGAATCCTC  
CTCTGCAACACTTCGACATGGCTGAGCCTGCTTTCCTGAAAATTGCACAATACCG  
TGCTGGAATTGTGCCTGTGTCAATTTAGAAGGTATTTGTAGCTCCATTTTCCCGCAG  
TGGCTGGGGGATTTGCTGATATATACGCTGAGATTTCTGAAATTGTGTTGACATTG  
ACAGGGTTCCGTGCATGAAGAAAGGAGGGATAAGGTTTACAATAAACGGGACT  
CCTACTTCAACTTGGTTCTGATCACCAACGTCGGTGGAGCCGGAGACGTTTCGATC  
GGTTTCAATCAAAGGCTCTAAAAGTGGATGGCAGACCATGTCAAGAAACTGGGG  
CCAAAATGGCAGAGTAACTCGGTTCTCAATGGACAAAGCCTCTCTTTTCAAGTCA  
CCACCAGTGACGGCAGAACTGTCACTTGTTACGATGTGGCGCCGGATAATTGGCA  
GTTCGGACAAACTTTTGAAGGCGGCCAATTCTAG