

## IDENTIFICATION

**Species:** *Anacardium occidentale*

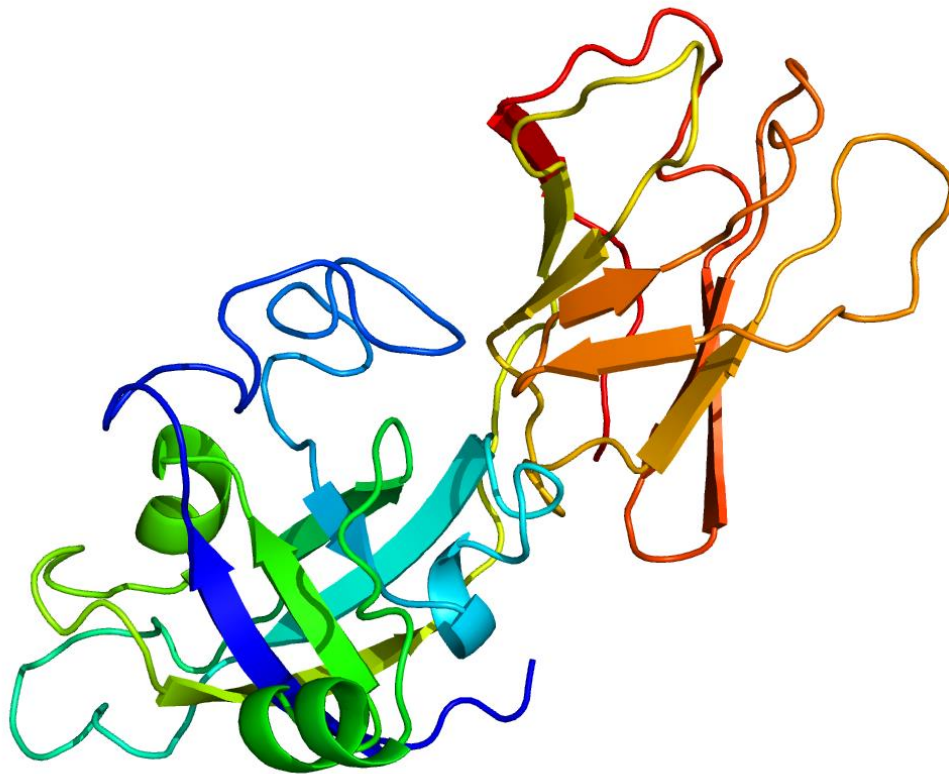
**Locus:** Anaoc.0020s0582

**Gene Model:** Anaoc.0020s0582.1.p

**Description:** AocEXPA-29

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

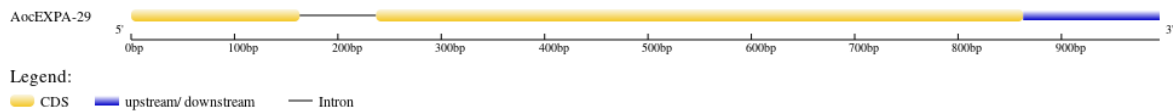
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Aoccidentale\\_v0\\_9](https://phytozome-next.jgi.doe.gov/info/Aoccidentale_v0_9)

KEGG:-

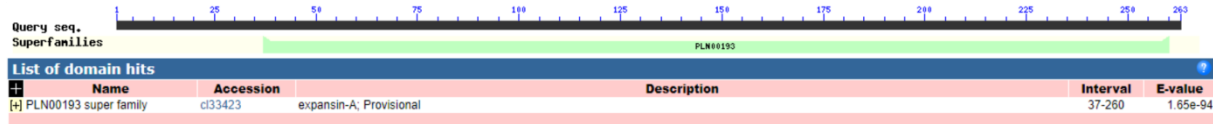
## EXTERNAL RESOURCES

-

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>AocEXPA-29

MGSIAVPSVLLCHFFFFFFFFIGLMFEFEGIHQCAGPWLNAHATFYGANQSPSTLGGAC  
GYDNTVHAGFGINTAAVSGALFRGGEACGACYQLTCDKADPKWCLRRVTVTVTA  
TNFCPPNNGGWCDPPRQHFDMSPAFGLIARQGNIGVPPVLYRRVPCKRRGGVHF  
TLRGQSNFNVVMISNVGGSGDVRAAWVRGSTSRTWVAMQRNWGANWSTDIDLRN  
QRLSFKITLVDQKTLQFFNIVPPSWRFGQTYSSKNQFPS\*

### CDS (coding sequence)

>AocEXPA-29

ATGGGTTCCATTGCTGTTCCCTTCTGTGTTGCTCTGTCACTTCTTCTTCTTCTTCTTCT  
TCATTGGGTTGATGTTTCGAGTTTCGAGGGCATTCAATTGCCAAGCTGGTCCTTGGCTT  
AATGCCCATGCAACTTTCTATGGAGCCAACCAGAGCCCCTCCACTCTTGGGGGAG  
CTTGTGGTTATGATAACACCGTCCATGCCGGCTTCGGAATCAACACGGCTGCCGT  
GAGTGGCGCACTTTTCAGAGGGCGGAGAGGCGTGCGGTGCTTGCTACCAGTTGACA  
TGCGACTTCAAGGCTGATCCAAAGTGGTGTCTCCGCCGTGTCACTGTCACTGTAA  
CAGCCACCAACTTCTGCCCTCCGAATAACAACGGCGGCTGGTGTGACCCGCCTCG  
CCAACACTTCGACATGTCCATGCCCGCTTCTTGGGCATTGCTCGACAAGGCAAC  
GAAGGCATCGTCCCCGTCCTTTATCGAAGAGTGCCCTGCAAGAGGAGAGGCGGC  
GTCCATTCACATTGAGGGGCCAATCCAATTTCAACGTGGTGTGATTTCGAATGT  
GGGCGGCAGCGGCGACGTGCGAGCTGCATGGGTGAGAGGCTCAACGTCCAGAAC  
GTGGGTGGCCATGCAGAGAACTGGGGCGCAAATTGGTCCACCGACATCGATCTT  
CGAAACCAAAGACTCTCTTTTAAGATCACCTTGGTCGATCAAAAACTCTTCAAT  
TCTTCAATATCGTGCCTCCGTCGTGGAGATTTGGCCAGACATATTCTTCCAAGAAT  
CAGTCCCCAGTTAA

### Nucleotide

>AocEXPA-29

ATGGGTTCCATTGCTGTTCCCTTCTGTGTTGCTCTGTCACTTCTTCTTCTTCTTCTTCT  
TCATTGGGTTGATGTTTCGAGTTTCGAGGGCATTCAATTGCCAAGCTGGTCCTTGGCTT  
AATGCCCATGCAACTTTCTATGGAGCCAACCAGAGCCCCTCCACTCTTGGTAATTT  
TATTGGTTCTTCTTTCATTTTAGACAATAGTATTCGATATTGATCATATTTTGGGTG  
TATTTATTAGGGGGAGCTTGTGGTTATGATAACACCGTCCATGCCGGCTTCGGAA

TCAACACGGCTGCCGTGAGTGGCGCACTTTTCAGAGGCGGAGAGGCGTGCGGTG  
CTTGCTACCAGTTGACATGCGACTTCAAGGCTGATCCAAAGTGGTGTCTCCGCCG  
TGTCACTGTCACTGTAACAGCCACCAACTTCTGCCCTCCGAATAACAACGGCGGC  
TGGTGTGACCCGCCTCGCCAACACTTCGACATGTCCATGCCCCGCTTTCTTGGGCAT  
TGCTCGACAAGGCAACGAAGGCATCGTCCCCGTCCTTTATCGAAGAGTGCCCTGC  
AAGAGGAGAGGCGGCGTCCATTTACATTGAGGGGCAATCCAATTTCAACGTG  
GTGATGATTTCCAATGTGGGCGGCAGCGGCGACGTGCGAGCTGCATGGGTGAGA  
GGCTCAACGTCCAGAACGTGGGTGGCCATGCAGAGAACTGGGGCGCAAATTGG  
TCCACCGACATCGATCTTCGAAACCAAAGACTCTCTTTTAAGATCACCTTGGTCG  
ATCAAAAACTCTTCAATTCTTCAATATCGTGCCTCCGTCGTGGAGATTTGGCCAG  
ACATATTCTTCCAAGAATCAGTTCCCCAGTTAACATATACATATATATGTCCAAG  
AACTATTTCTTTTTATATATAGTTTGTGGACATAATTAAGAAATATAAATAATAT  
TAAATATTAATAAAAAATTTATATTGAGTTTGGAAACATTTTAAATTCGGTTTG