

IDENTIFICATION

Species: *Anacardium occidentale*

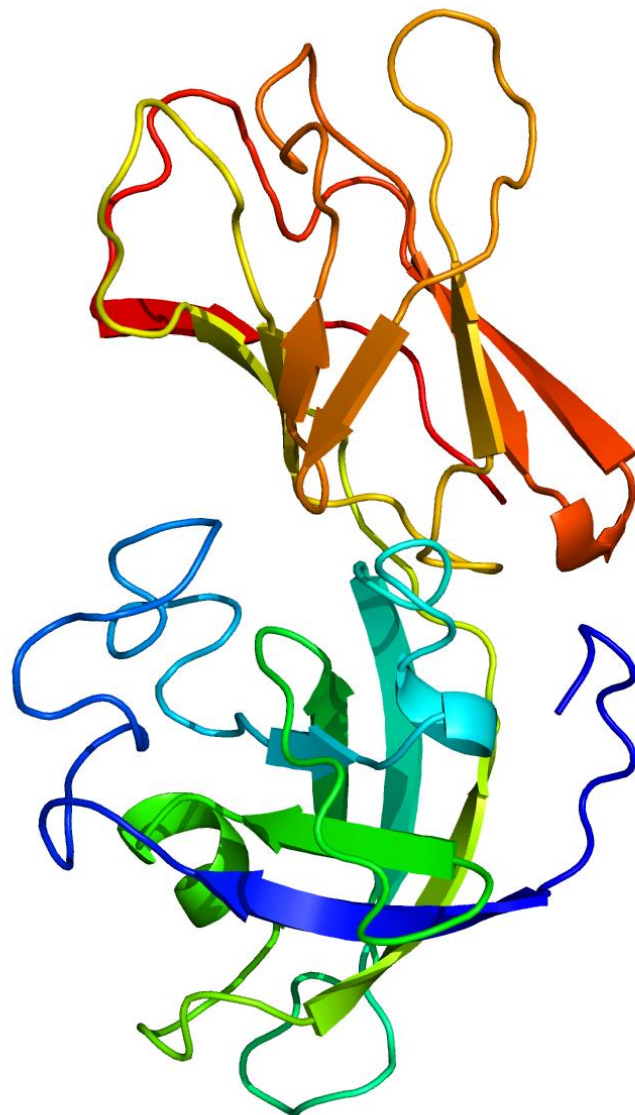
Locus: Anaoc.0015s0449

Gene Model: Anaoc.0015s0449.1.p

Description: AocEXPA-23

Family: Alpha Expansin

3D structure:



GENOME DATABASES

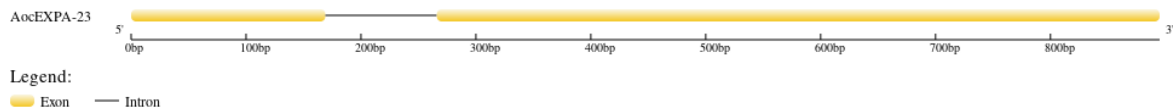
Phytozome: https://phytozome-next.jgi.doe.gov/info/Aoccidentale_v0_9

KEGG:-

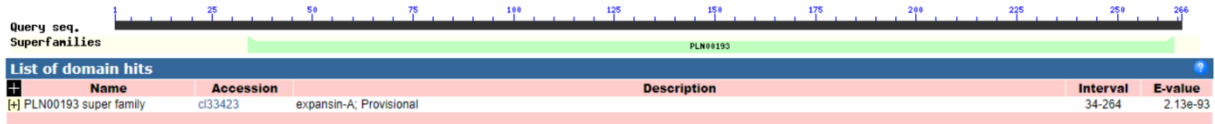
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AocEXPA-23

MASFPKLSLSFSWFLVICVLAILGRSSGAGYNVRFKPSAWSLAHATFYGDESASATMG
GACGYGNLNFNGYGTDTAALSTTLFNDGYACGTCYQIKCYESTACYKDVSFTTITAT
NLCPPNWAEDSNNGGWCNPPRAHFDMSKPAFMKIAEWKVGIIIPVLYRRVPCIVSGGL
KFQFQNGYWLLVYVMNVGGGGDIANMWWKGSSTGWISMHNWGASYQAFATLG
GQALSFKITSYTTKQTIIAYNVAPSNWNVGLTYSSSVNFH*

CDS (coding sequence)

>AocEXPA-23

ATGGCTTCATTTCCCTAAGTCGTTAAGCTTTAGCTGGTTCCTTGGTGATATGTGTGTT
AGCAATACTGGGGAGGTCGAGCGGTGCTGGTTATAATGTTTCGTTTCAAACCAAGT
GCATGGTCTCTTGCTCATGCCACCTTTTATGGCGATGAGTCTGCATCTGCGACAAT
GGGGGAGCTTGTGGGTATGGAACTTGTTTAATAATGGTTACGGAACAGATACG
GCTGCTTTGAGCACGACATTGTTCAATGATGGATATGCTTGTGGGACTTGTTACCA
GATAAAGTGTTACGAGTCGACTGCCTGTTATAAAGATGTGTCTTTCCTACTACGATT
ACGGCTACCAACCTTTGCCCGCCAACTGGGCGGAGGACTCTAACAATGGTGGGT
GGTGAACCCTCCTCGTGCCCATTTTCGACATGTCTGAAGCCTGCTTTCATGAAGATT
GCGGAGTGGAAGGTTGGCATAATCCCTGTCTCTACCGCCGGGTGCCGTGCATTG
TAAGCGGAGGGCTTAAGTTCCAGTTCCAAGGAAATGGTTACTGGTTGTTGGTTTA
TGTGATGAATGTTGGAGGAGGTGGAGACATTGCCAACATGTGGGTTAAAGGAAG
CAGCACTGGATGGATCAGTATGAGCCACAACCTGGGGAGCTTCATATCAGGCTTTT
GCAACTCTTGAGAGTCAAGCTCTTTCTTTTAAGATCACTTCATATACAACCAAGCA
GACCATAATTGCTTATAACGTAGCTCCTTCCAATTGGAATGTAGGGTTGACATAC
AGTTCATCCGTTAACTTCCATTGA

Nucleotide

>AocEXPA-23

ATGGCTTCATTTCCCTAAGTCGTTAAGCTTTAGCTGGTTCCTTGGTGATATGTGTGTT
AGCAATACTGGGGAGGTCGAGCGGTGCTGGTTATAATGTTTCGTTTCAAACCAAGT
GCATGGTCTCTTGCTCATGCCACCTTTTATGGCGATGAGTCTGCATCTGCGACAAT
GGGTATGTCATTCATATTGATTACATTTATTTAGTATTGTACCAAAGTCGTACGTA
GAATTAAGCCTAAGTGAAAATAATTATCTGAATTAATATACAGGGGGAGCTTGTG

GGTATGGAAACTTGTTTAATAATGGTTACGGAACAGATACGGCTGCTTTGAGCAC
GACATTGTTCAATGATGGATATGCTTGTGGGACTTGTTACCAGATAAAGTGTTAC
GAGTCGACTGCCTGTTATAAAGATGTGTCTTTCCTACGATTACGGCTACCAACCT
TTGCCCGCCAAACTGGGCGGAGGACTCTAACAATGGTGGGTGGTGCAACCCTCCT
CGTGCCCATTTTCGACATGTCGAAGCCTGCTTTCATGAAGATTGCGGAGTGGAAGG
TTGGCATAATCCCTGTCCTCTACCGCCGGGTGCCGTGCATTGTAAGCGGAGGGCT
TAAGTTCCAGTTCCAAGGAAATGGTTACTGGTTGTTGGTTTATGTGATGAATGTTG
GAGGAGGTGGAGACATTGCCAACATGTGGGTAAAGGAAGCAGCACTGGATGGA
TCAGTATGAGCCACAACCTGGGGAGCTTCATATCAGGCTTTTGCAACTCTTGGAGG
TCAAGCTCTTTCTTTTAAGATCACTTCATATACAACCAAGCAGACCATAATTGCTT
ATAACGTAGCTCCTTCCAATTGGAATGTAGGGTTGACATACAGTTCATCCGTAA
CTTCCATTGA