

## IDENTIFICATION

**Species:** *Anacardium occidentale*

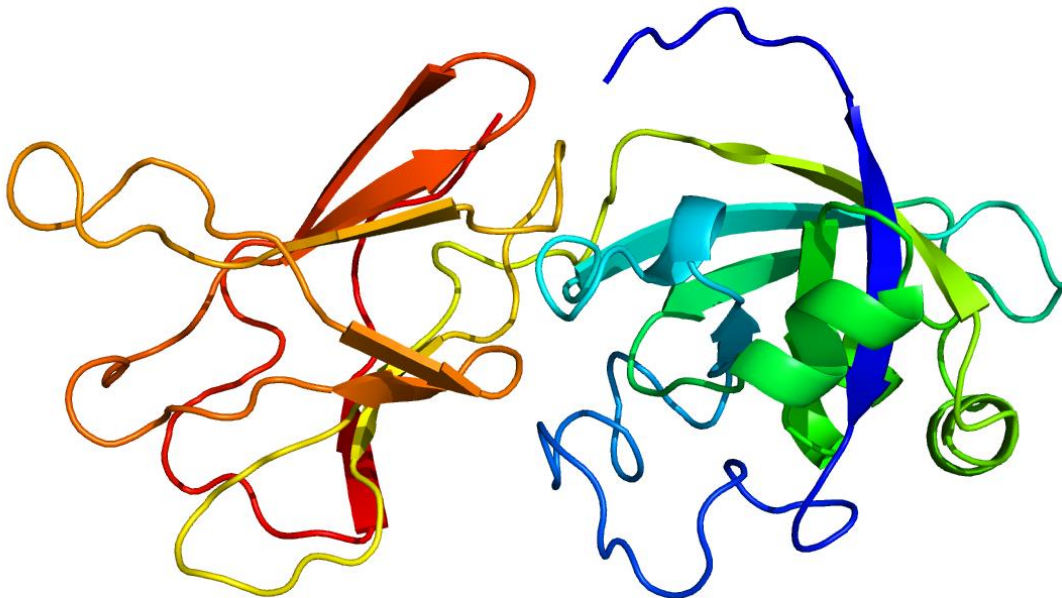
**Locus:** Anaoc.0018s0415

**Gene Model:** Anaoc.0018s0415.1.p

**Description:** AocEXPB-06

**Family:** Beta 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:-

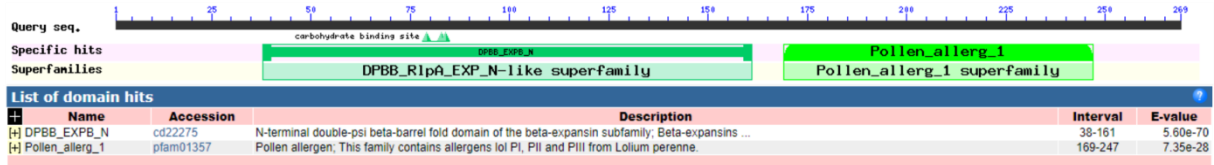
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>AocEXPB-06

MASVLIFLHYLVAFFCYLELCSFYPKHLSLSSTGTQWSPAGATWYGSPDGAGSDGG  
SCGYGSAVSQSPFSSLVTAIGPSLYDSGKECGACYQVKCTKNPSCSGKPVRVVITDFC  
PGGACATDSAHFDSLGSFAFGSMALPGEEELRDAGVLEIQYARVACDYAGKSIAFHV  
DQGSNPNYFAVVVEFEEGDGLGAVDLKEGSPSSASWRSMTQSWGAVWKLDAGSE  
LHAPFSIKLTSEYSGKTLVAENVIPQGWKAGATYRSVVNYL\*

### CDS (coding sequence)

>AocEXPB-06

ATGGCAAGTGTATTAATATTCCTTCACTATTTGGTAGCTTTCTTTTGTTACTTAGA  
GCTTTGTTCTTGCTTCTACCCTAAACATCTGAGCTTGTCCTCCACTGGAAGTCACT  
GGTCGCCCGCTGGAGCCACCTGGTATGGCAGCCCTGACGGTGCCGGAAGCGACG  
GAGGGTCTTGCGGGTATGGTAGTGCCGTGTCTCAGAGTCCCTTCTCTTCCCTTGTC  
ACTGCAATTGGCCCAAGTCTTTACGATTCTGGGAAGGAATGTGGTGCCTGTTATC  
AGGTGAAATGCACCAAAAACCTTCATGTTTCAGGGAAACAGTGAGGGTAGTGA  
TACTGATTTTTGCCCGGAGGCGCTTGTGCCACAGATTCTGCGCATTCGACCTC  
AGCGGCTCGGCTTTCGGCTCCATGGCACTTCCCGGAGAGGAGGAAAACTTCGTG  
ACGCCGGAGTACTAGAAATCCAATATGCACGGGTTGCATGTGATTACGCGGGGA  
AGTCGATAGCGTTCATGTGGACCAGGGGTCAAATCCAACTACTTTGCGGTGGT  
GGTGGAGTTTGAAGAGGGAGACGGAGATCTTGGAGCTGTTGATTTGAAGGAGGG  
TTCGCCGTCGTCAGCCTCATGGAGAAGCATGACACAATCCTGGGGAGCAGTTTGG  
AAGCTGGATGCGGGTTCAGAATTGCATGCTCCCTTCTCGATCAAATTGACATCAG  
AGTATTCGGGGAAGACGCTGGTGGCGGAAAATGTGATTCCTCAAGGATGGAAGG  
CGGGAGCTACTTACAGATCAGTTGTTAATTACCTGTAA

### Nucleotide

>AocEXPB-06

AACTGAAGTTGTTTCTGAAAATGGCAAGTGTATTAATATTCCTTCACTATTTGGTA  
GCTTTCTTTTGTTACTTAGAGCTTTGTTCTTGCTTCTACCCTAAACATCTGAGCTTG  
TCCTCCACTGGAAGTCAAGTGGTTCGCCCGCTGGAGCCACCTGGTATGGCAGCCCTG

ACGGTGCCGGAAGCGACGGTAATGTTCTCATATATATGTGTGTGTGTGTGTGTGTGT  
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CATGGATGCAGGAGGGTCTTGCGGGTATGGTAGTGCCGTGTCTCAGAGTCCCTTC  
TCTTCCCTTGTCACTGCAATTGGCCCAAGTCTTTACGATTCTGGGAAGGAATGTGG  
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AATCAATAATAACATTATCCATAACGGACAGGTGAAATGCACCAAAAACCCTTCA  
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GTGCCACAGATTCTGCGCATTTTCGACCTCAGCGGCTCGGCTTTTCGGCTCCATGGC  
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TGCACGGTACATATAAATGTCAATCCGATTAAGATATAATATAGGCCAAATTGGT  
TACTGAAAAGTTCTATGGCGCGGCAGGGTTGCATGTGATTACGCGGGGAAGTCGA  
TAGCGTTCCATGTGGACCAGGGGTCAAATCCAACTACTTTGCGGTGGTGGTGGGA  
GTTTGAAGAGGGAGACGGAGATCTTGGAGCTGTTGATTTGAAGGAGGGTTCCGCC  
GTCGTCAGCCTCATGGAGAAGCATGACACAATCCTGGGGAGCAGTTTGGAAGCT  
GGATGCGGGTTCAGAATTGCATGCTCCCTTCTCGATCAAATTGACATCAGAGTAT  
TCGGGGAAGACGCTGGTGGCGGAAAATGTGATTCCCTCAAGGATGGAAGGCGGGA  
GCTACTTACAGATCAGTTGTTAATTACCTGTAACGAATTAAGTTGGAGATTTCAA  
GTTAGAACTGAACTCCTACAACCTGTTTACAAGATGTTGTAATGTTGAGCAATTC  
TTAAAGATTTAGACCACAAAATCCACTAGAAA