

IDENTIFICATION

Species: *Carica papaya*

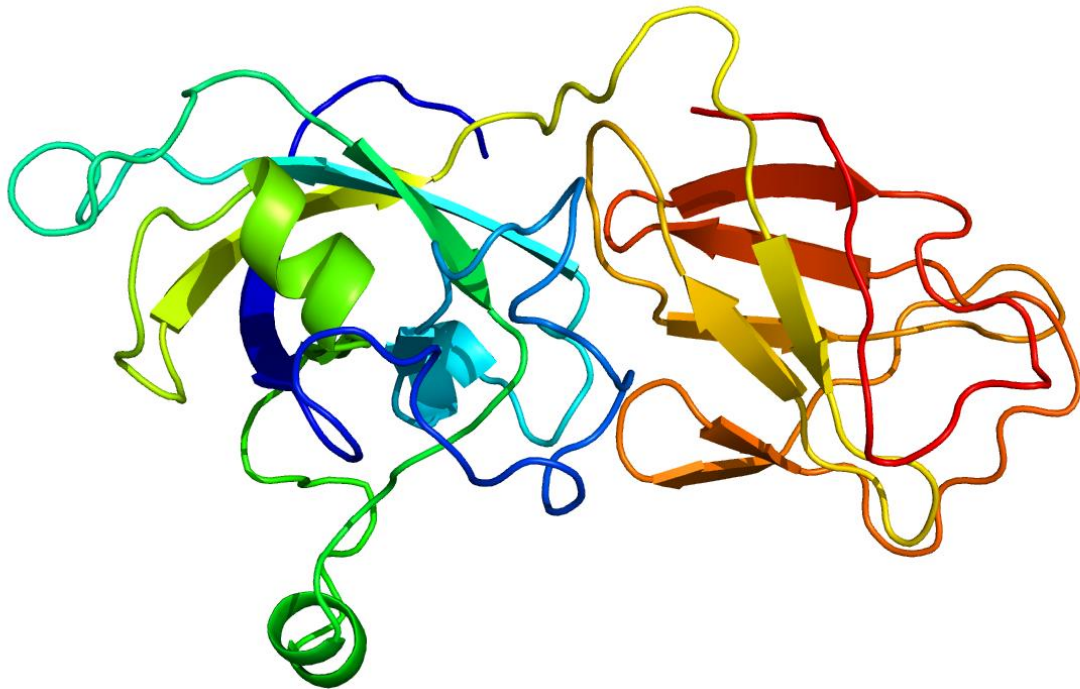
Locus: evm.model.supercontig_1.419

Gene Model: evm.model.supercontig_1.419

Description: CpEXPA-02

Family: Alpha Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Cpapaya_ASGPBv0_4

KEGG: <https://www.genome.jp/entry/T05151>

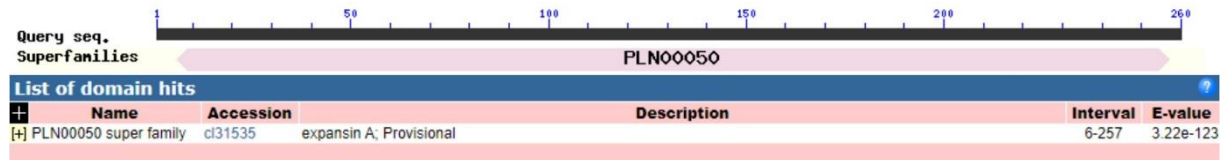
EXTERNAL RESOURCES

<http://asgpb.mhpc.hawaii.edu/papaya/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CpEXPA-02

MGILQMSICLVSLMVLLTLVDARIPGVYPGGPWQSAHATFYGGSDASGTMGGACGY
GNLYSQGYGVNTAALSTALFNGLSCGACFELKCANDPQWCHSGSPSIFITATNFCPP
NYALPNDNGGWCNPPRPHFDLAMPMLKIAEYRAGIVPVSYRRVPCRKKGGIRFQIN
GFRYFNLVLISNVAGAGDLVKVSVKGSRTGWMSMSRNWQNWQSNVAVLVGQSLSF
RVTASDRRSSTSWNIVPANWQFGQFTFTGKNFRV*

CDS (coding sequence)

>CpEXPA-02

ATGGGGATTCTTCAGATGTCAATTTGTTTGGTTTCTTTAATGGTGCTTTTGACTCTT
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CGGGAACCTATACAGCCAGGGGTATGGAGTAAACACTGCAGCGCTGAGCACGGC
TCTGTTCAACAATGGGCTTAGCTGCGGTGCCTGTTTCGAGCTCAAGTGCGCTAAT
GATCCGCAATGGTGCCACTCCGGTAGCCCTTCCATCTTCATCACCGCCACCAATTT
TTGCCCTCCCAACTATGCTCTGCCCAACGACAATGGCGGCTGGTGCAACCCGCCT
CGCCCCACTTCGATCTCGCCATGCCAATGTTTCTCAAGATTGCCGAGTACCGCG
CTGGAATCGTCCCTGTTTCTTACCGAAGAGTGCCGTGCCGCAAGAAGGGAGGGAT
CAGGTTCCAGATCAACGGTTTCCGTTACTTTAACTTGGTTTTGATCAGCAACGTCG
CGGGTGCAGGGGATCTCGTGAAGGTGAGCGTTAAGGGTTCAAGGACTGGGTGGA
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Nucleotide

>CpEXPA-02

ATGGGGATTCTTCAGATGTCAATTTGTTTGGTTTCTTTAATGGTGCTTTTGACTCTT
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