

IDENTIFICATION

Species: *Carica papaya*

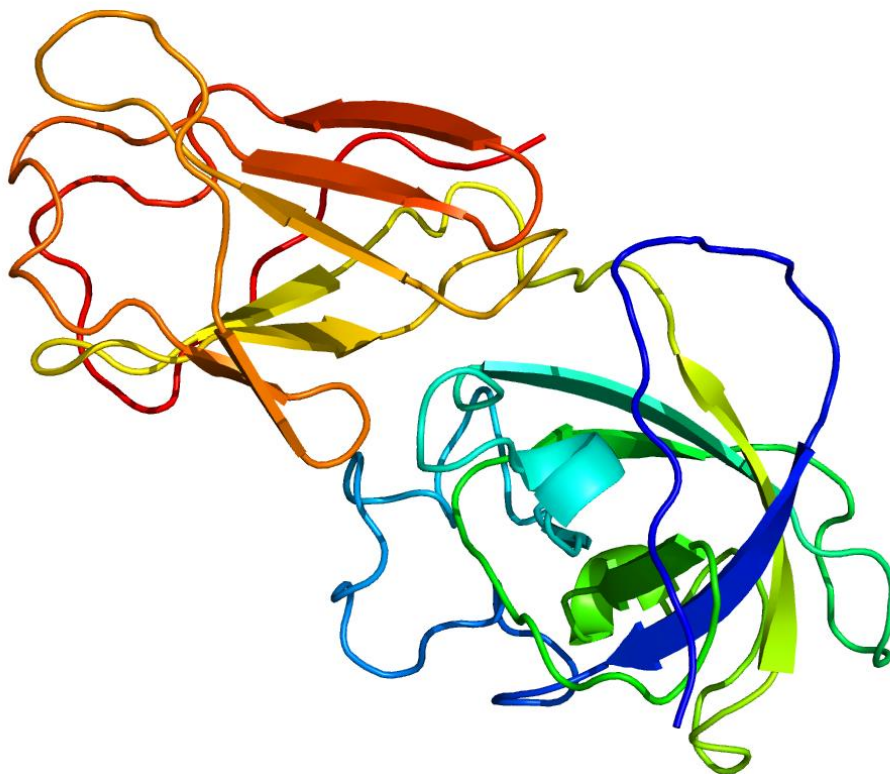
Locus: evm.model.supercontig_178.23

Gene Model: evm.model.supercontig_178.23

Description: CpEXPA-15

Family: Alpha Expansin

3D structure:



GENOME DATABASES

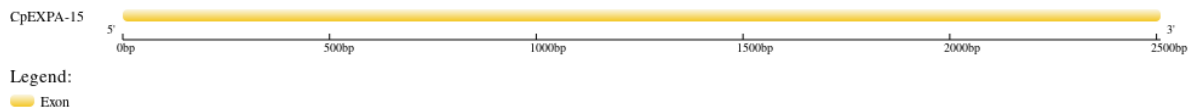
Phytozome: https://phytozome-next.jgi.doe.gov/info/Cpapaya_ASGPBv0_4

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

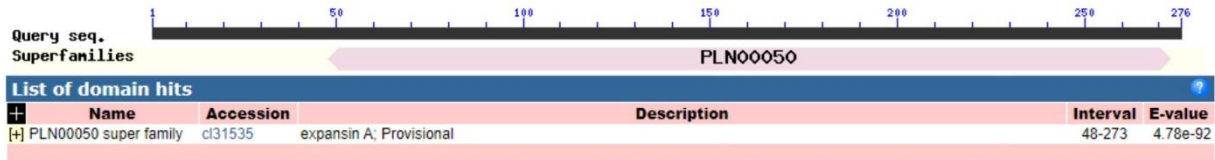
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CpEXPA-15

MAAPLFFLLHSTLLFTLIFVLLLQVTSHYLSSSSASSPSAYSQQLSEWRSARATYYA
ASDPRDAVGGACGYGDLVKAGYGMATVGLSESLFERGQICGACFELRCVDDLRCI
PGTSIIVTATNFCAPNYGFDADGGGHCNPPNKHVFLPIEAFEKIAVWKAGNMPVQYR
RIKCRKEGGIRFAIDGGGIFISVLISNVAGAGDIASVKIKGSRTGWLSMGRNWXQNW
INADLKNQPLSFEVTSDDGSRILSYNVAPKDWNFQTFEGKQFES*

CDS (coding sequence)

>CpEXPA-15

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ACTACGCGGCCTCGGATCCACGGGATGCAGTGGGCGGCGCGTGCGGGTACGGTG
ACCTGGTCAAGGCCGGGTATGGAATGGCGACGGTGGGTTTGAGTGAGTCTCTGTT
CGAGCGCGGCAGATCTGCGGCGCGTGTTCGAGCTCCGGTGCGTGGACGACTTG
CGGTGGTGCATTCCCGGAACCTCCATTATCGTCACTGCTACTAATTTCTGTGCGCC
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Nucleotide

>CpEXPA-15

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