

IDENTIFICATION

Species: *Carica papaya*

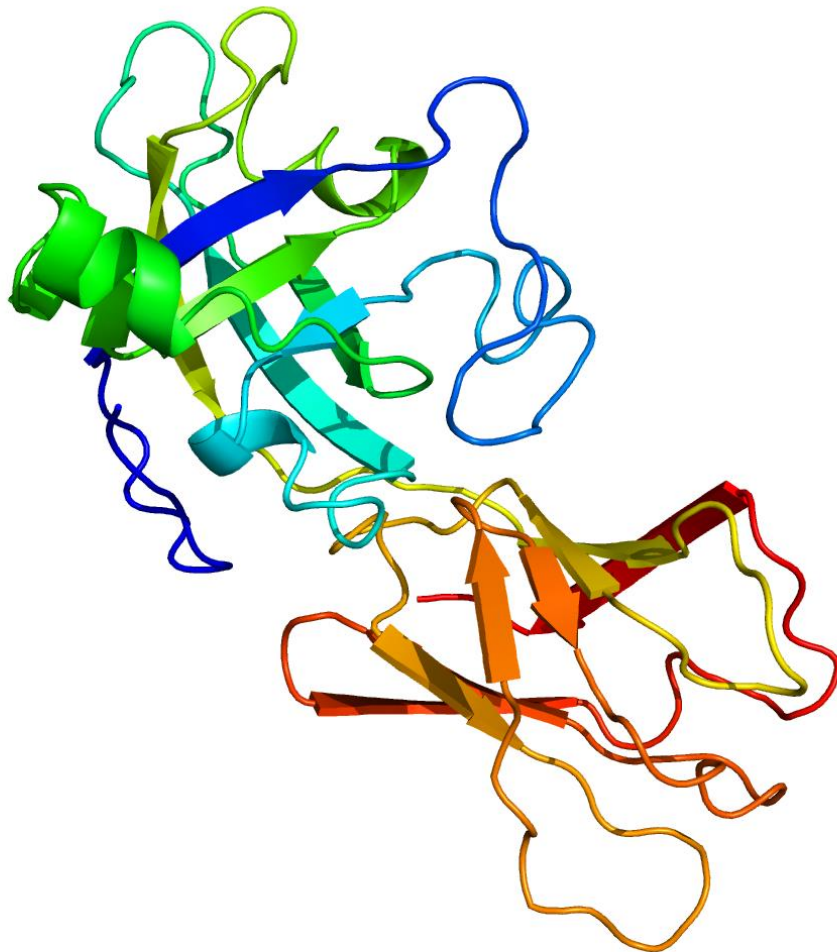
Locus: evm.model.supercontig_5.156

Gene Model: evm.model.supercontig_5.156

Description: CpEXPA-04

Family: Alpha Expansin

3D structure:



GENOME DATABASES

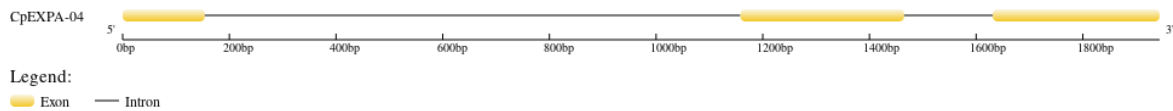
Phytozome: https://phytozome-next.jgi.doe.gov/info/Cpapaya_ASGPBv0_4

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

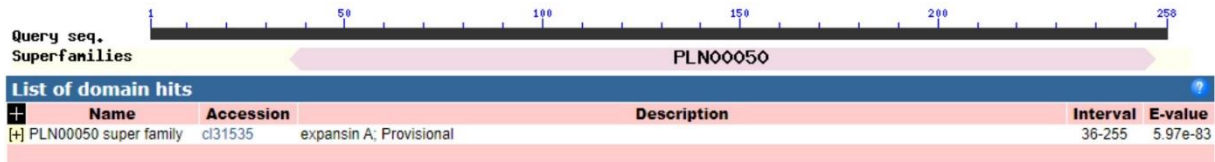
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CpEXPA-04

MVSTLRFFHAIIVHLILFLVLPQCHASHRHSKKPGSWKQAHATFYEGDTETYGGACGY
KDVVQLGYGLDTVA VSNVLFEEGKGC GGCEYEQICINSQQWCKPGQPSIFVTVTDNCP
PSYQSDGWCNPPRQHFDLAKPAYLKIAEYKAGIVPVQYRRVPCNKQGGIKFTINGHQ
YWNEVS VWNVAGSGDVKS VQVKGDGKLRWTPLTRSWGHRWTTGANLTGQALTFR
VQGS DGRFSTSWRVTPKNWQFGQTFQGNFRK*

CDS (coding sequence)

>CpEXPA-04

ATGGTTTCAACTTTGAGATTCTTTCATGCAATAGTACATCTCATCTTGTTTCTTGTCG
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AGGCTCATGCCACCTTCTATGAAGGTGATACAGAAACGTATGGTGGTGCCTGTGG
ATACAAAGATGTTGTCCA ACTAGGGTACGGATTGGACACAGTGGCAGTGAGCAA
TGTTTTATTTCGAGGAAGGGAAAGGCTGCGGTGGTTGCTATGAGATCCAATGCATA
AACAGTCAACAATGGTGTAAACCAGGCCAACCATCTATCTTTGTTACAGTAACAG
ATAATTGTCCTCCAAGTTACCAAAGCGATGGATGGTGTAAATCCTCCAAGACAACA
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CCATTAATGGCCACCAGTACTGGAACGAAGTTTCAGTGTGGAACGTCGCCGGATC
TGGCGATGTCAAGAGTGTGCAGGTA AAGGTGACGGGAAGCTTCGATGGACGCC
GTTGACACGATCATGGGGTCACAGATGGACGACCGGCCA ACCTCACCGGCCA
AGCTCTTACCTTCCGGGTT CAGGGAAGTGACGGCAGATTTTCAACTTCGTGGCGT
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AGTGA

Nucleotide

>CpEXPA-04

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