

IDENTIFICATION

Species: *Ananas comosus*

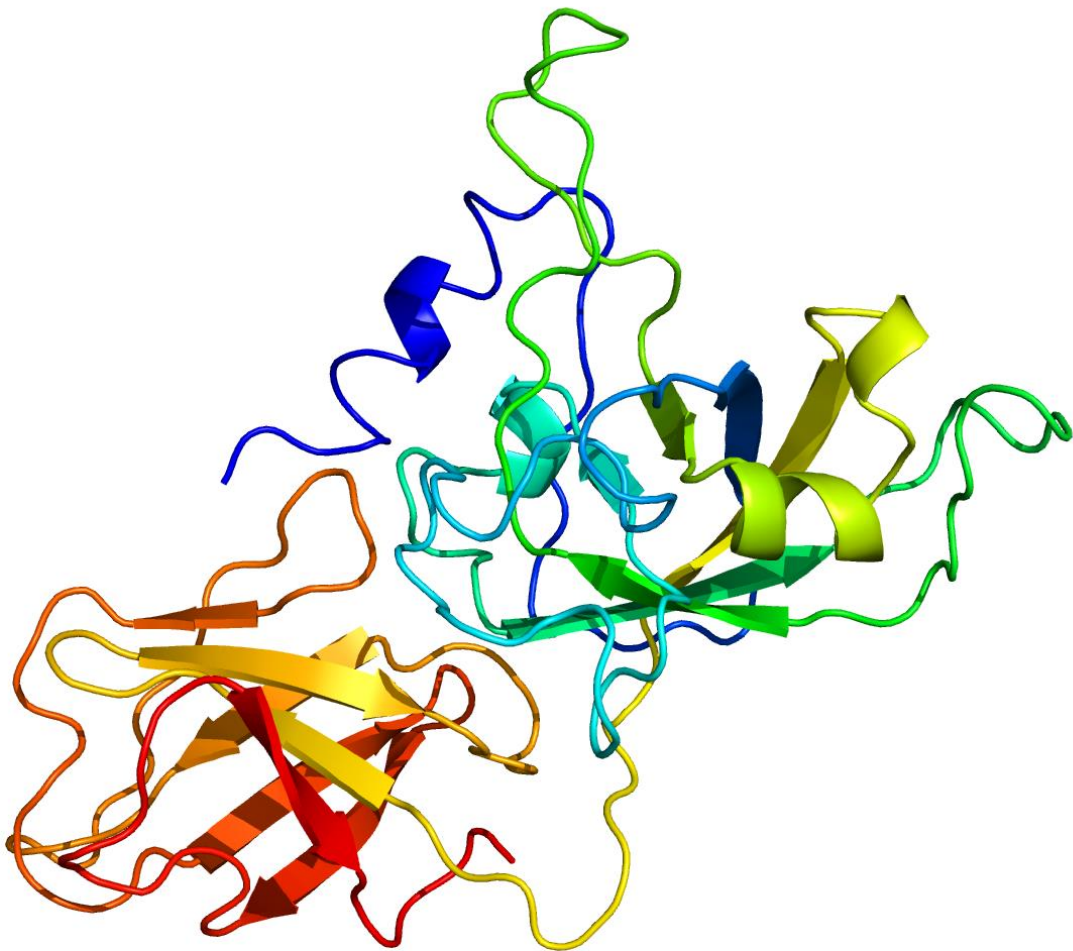
Locus: Aco001091

Gene Model: Aco001091.1

Description: AncEXPA-02

Family: Alpha Expansin

3D structure:



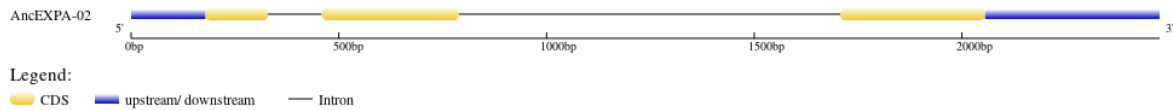
GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Acomosus_v3

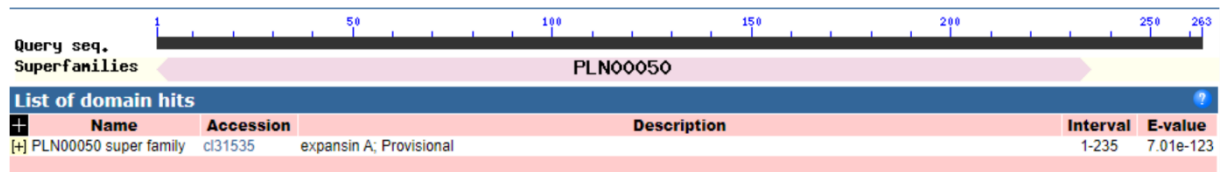
EXTERNAL RESOURCES

[http://pineapple.angiosperms.org/pineapple/html/index.html#:~:text=The%20PGD%20\(Pineapple%20Genomics%20database,genomics%20and%20CAM%20pathway%20genes..](http://pineapple.angiosperms.org/pineapple/html/index.html#:~:text=The%20PGD%20(Pineapple%20Genomics%20database,genomics%20and%20CAM%20pathway%20genes..)

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>AncEXPA-02

MGSLGLFFVALLPMLLPSAVNGLGHGGVGSRAHATFYGGGDASGTMGGGYGNLY
SQGYGTSTAALSTALFDGGLSCGFEIRCAGDPGWCLPGSAVVTATNFCPPNDALPND
AGGWCNPPLPHFDLSQPVFQRIALYKAGIVPVAYRRIPCRKKGGIRFTINGHSYFNLV
LITNVGGAGDVHSVSVKGSRTGWQPMSRNWQNWQSN SYLDGQSLSFQVTASDGR
TITSXRLLRGPCRLVLRPNLQRGPIQLIIL*

CDS (coding sequence)

>AncEXPA-02

ATGGGTTCTCTCGGGCTCTTCTTCGTAGCGCTTCTTCCAATGCTGCTTCCCTCGGC
GGTAAGGGCTCGGGGCGGAGTCGGGTGGTCTCGAGCCCGCCCTTCTGGCGGCGG
CGGCTTCGGGCGATGGGTGGGGCGTGTGGGTATGGGAATCTGTAGCCAGGGGTG
GGGAGCGGCGGCGCTGAGCGGCGCTGTTTCGGGGGGGCTGAGCTGCGGGGCGTGC
TTCGAGATTCGGTGCGCGGGGGATCCCGGCTGGTGCCTGCCGGGCTCGGCCGTGG
TGGGCCATTCTGCCCAGCCAGGCCCTCCCAGGCCGGCGGCTGGTGCACCTCCC
CTCCCCCTTCGCTCTCCAGCCCGTCTTCCAGCGCATCGCCCTCTAAAGCCGGCAT
CGTCCCCGTTGCTTAGAAGGATCCCGTGCAGGAAGAAGGGGGGAATCCGATTCC
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GTGTCCGTGAAGGGGTCGAGACGGGTGGCAGCCCATGTTCGCGCATGGGGCCAGA
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Nucleotide

>AncEXPA-02

GAAAAAAGAAGAAAGAAAAACATCAACATCTCAGGTATTCTTCTTCGATCCTCT
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CTTTTGGTTTTCAAATTTTTTTCTTTAGTCGTGTGGTTTTAGAATGTATCAAGTTAGT
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