

IDENTIFICATION

Species: *Ananas comosus*

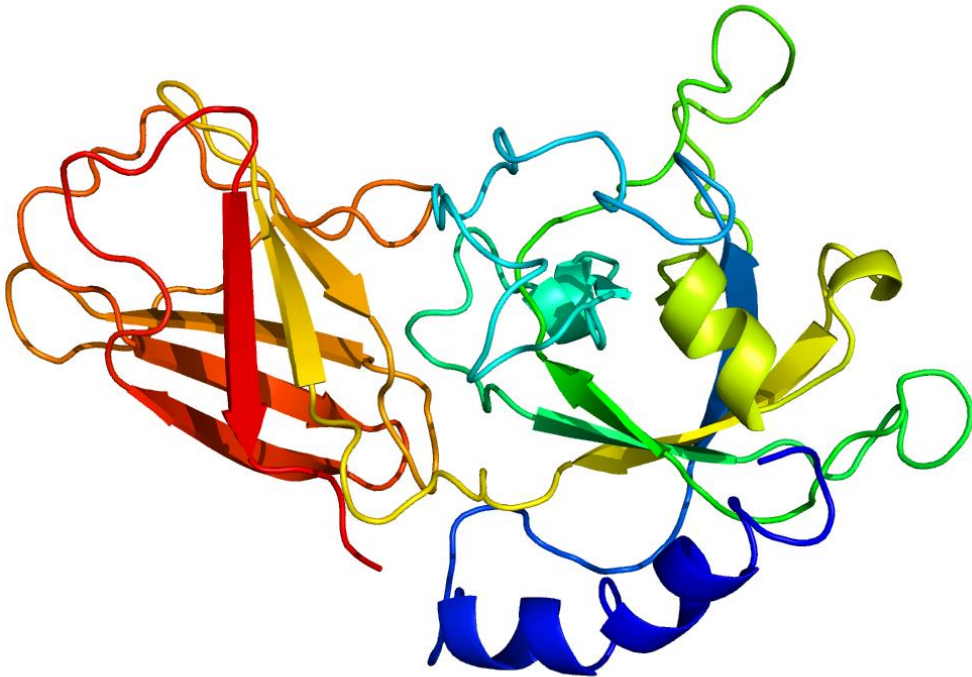
Locus: Aco031434

Gene Model: Aco031434.1

Description: AncEXPA-23

Family: Alpha Expansin

3D structure:



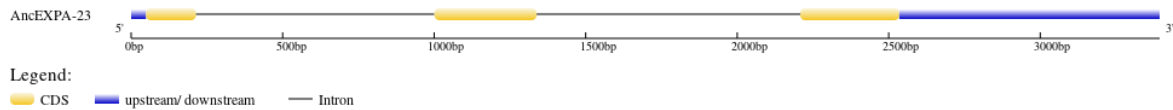
GENOME DATABASES

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

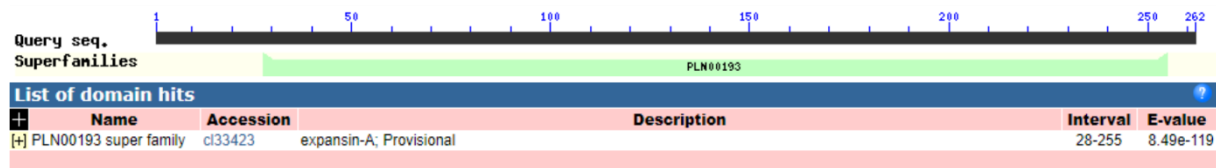
EXTERNAL RESOURCES

[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-23

MGFPVTLTTTLILVALCLRADARIPGVYSGGPWQSAHATFYGGSDASGTMGGGYGN
LYSQGYGVETAALSTALFNDGLSCGFELKCADDPRWCHAGSPSILITATNFCPPNYAL
PSDNGGWCNPPRPHFDLAMPMFLKIAEYRAGIVPVSFRRVPCRKSGGIRFTINGFSYF
NLVLITNVAGAGDIVRASVKGSRTGWMPMSRNWQNWQSNVAVLVGQSLFRITGSD
RRTSTSWNVVPANWQFGQTFSGKNFRV*

CDS (coding sequence)

>AncEXPA-23

ATGGGTTTCCCGGTTTACCTCATTGTTGGTCGCATTGTGCCTCCGTGCGGGCCCGCA
TCGGGAGTGTTCGGCGGGCCGTGGCAGAGCGCCCGCCCTTCTGGTGGCAGCGGC
ATCCGGCCATGGGAGGGGCGTGTGGGTGGAATTTATAGCCAAGGATGGTGTGG
AGGGCAGCGCTGAGCGGGCGCTGTTTAGGGGCTCAGCTGCGGGGCGTGCTTCGAG
CTCAAGTGCGCCGCCCCAGGTGGTGCCATGCCGGCAGCCCCCTCCATCCTCATCGG
CCCAATTTCTGCCCCCAATTGCCCTCCCGTCCGAGGGCGGGTGGTGCACCCCCTC
GCCCCCTTCGCTCGCCATGCCTATGTTCCCTCAAATCGCCGAGTCGCGCCGGGAT
CGTCCGTATCCTTTCGAAGAGTGCCCTGCCGTAAGTCGGGAGGGATCCGGTTCGA
TCAGGATTCAAGTTTCACTGGTGCTGATCGAGTGGCGGGGGCGGGCGATAGTGCG
GGCGAGCGTGAAGGGCTCGCGCCGGGTGGATGCCGATGTCGCGCATGGGGCCAG
AATTGGCAGTCCAATGCTGTCCTCGTCGGAATCCCTCTCCTTCCGCATCCGGCAGC
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GGCAAGATTCAGGGTCTGA

TGGGAGTAGTTGGGGGTTGGGTTTTTTTTTTTTTTTTCTTTTTCCCATTCATTCTTTCC
CCCTCCGTTCTCTATTGCTTTTTTCGTTCTATTTAATTTTCGTAAAGCTGTTTAGTGGA
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TCCAATGTTTTAGTAGGGTATGTGGTGTTTTTTCTTCTATGGGAGGTGTATGGGTC
TCGTAAGATGGGGGAGTTTGTGGAGAAGCGATGCTGCAGCTGAAGCGGCTGCAG
ATCAGAATGGAAGATCATGTAGCCCGCAGCTGCTTAGATATATATATTTAAGGAT
ATTTAATATATGATATGAAATGTTGATTGTGATTATTTTCTTATATTTAATGGGTA
TGTTATTAATAAAAAAATTATATATATTGTCTGAAAATTGGATCCTCTCTAATGAA
GGCATTTTGTAATTTTCTG