

IDENTIFICATION

Species: *Ananas comosus*

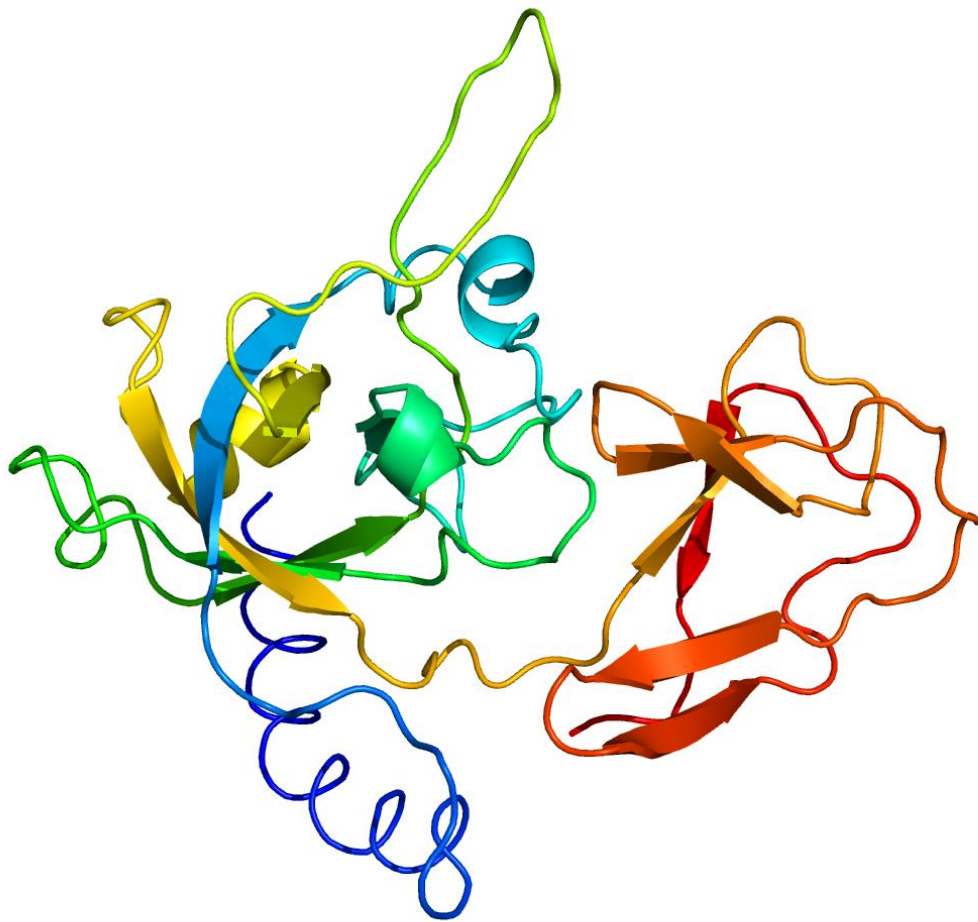
Locus: Aco017209

Gene Model: Aco017209.1

Description: AncEXPA-13

Family: Alpha Expansin

3D structure:



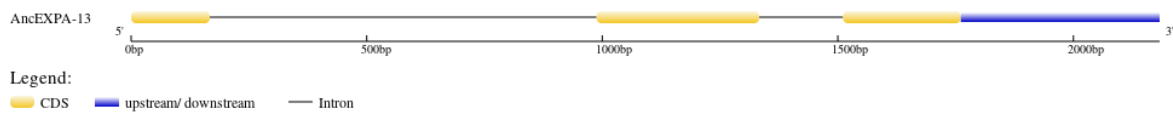
GENOME DATABASES

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

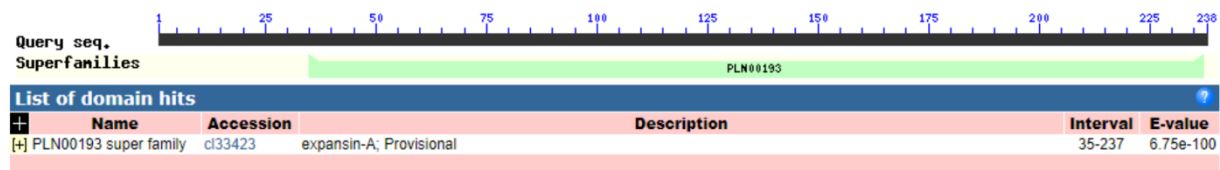
EXTERNAL RESOURCES

[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-13

MEMIAANICALPLLVLILLNTTSQLITVTVAQWVPATATFYGGSDASGTMGGGYG
NLYSGGYGISNTALSTALFNNGGSCGFQITCDRSKSQWCKPGTYVTVTATNFCPPNY
NLPSNNGGWCNPPRQHFDMSQPAWESIAIYRGGIVPVFYRRVLCQRNGGVRFTIKGS
GTGWIQMSRNWQNWQSNAYLRRQSLFRVQTADGRVLTAYDVAPSYWGFNTY
TTNLQF*

CDS (coding sequence)

>AncEXPA-13

ATGGAGATGATTGCTGCTAATCTGCAGTGCTTTGCCGTTGCTAGTGTGTTGATCC
TCCTCACCTCTCAATTGATCTGTGCGTGGCGCAATGGGTCCCCGCGTGCCATTCTA
TGGAGGCAGCGGCTTCGGGGTATGGGCGGAGCATGCGGATGGGATTGTAGCGGC
GGGTATGGGATCAGCAGGCTGAGCGGCGCTGTTCAAGGCGGGTCGTGCGGGGCG
TGCTTCCAGATCGTGC GCGGAGCAAGTCGCAGTGGTGCAAGCCGGGCTGTCCGT
CCGCCATTCTGCCCCCTATACTCCCCTCCAAGGCGGCTGGTGCAATCCCCCTCG
CCAGCTTCGATGTCCCAGCCTGCGTGGGAGTCCATCGCCATCTCGTGGCGGCATC
GTCCCCGTCTTCTCGCAGGGTTCTGTGCCAGAGGAGGCGGGGTGAGGTTTCGATCA
AAGGGTCGGGGAGGGTGGATTTCAGATGAGCAGGATGGGGCCAGATGGCAGAGC
AATGCATCTCAGGCGCCAGAGCCTCTCCTTCCGGGTGCAGTGCTGGGCCGCGTCC
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Nucleotide

>AncEXPA-13

ATGGAGATGATTGCTGCTAATCTGCAGTGCTTTGCCGTTGCTAGTGTGTTGATCC
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CGTGCTTCCAGATCGTGCGCGGAGCAAGTCGCAGTGGTGCAAGCCGGGCCTGTCC
GTCCGCCCATTCTGCCCCCTATACTCCCCTCCAAGGCGGCTGGTGCAATCCCCCT
CGCCAGCTTCGATGTCCAGCCTGCGTGGGAGTCCATCGCCATCTCGTGGCGGCA
TCGTCCCCGTCTTCTCGCAGGTA AAAAGTCGTCTATCAGCGTTTAGCGCATTTGAAA
TGGCAAGTAGTGGAATTGAATTTGATTGTTCTGCTGCAGAGTTCTGTGCCAGAGG
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