

IDENTIFICATION

Species: *Ananas comosus*

Locus: Aco010392

Gene Model: Aco010392.1

Description: AncEXPA-03

Family: Alpha Expansin

3D structure:



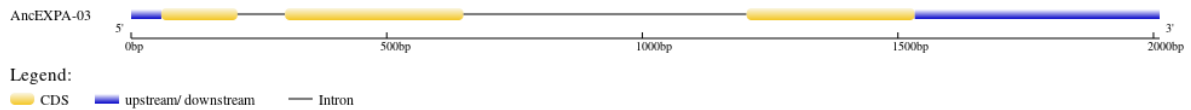
GENOME DATABASES

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

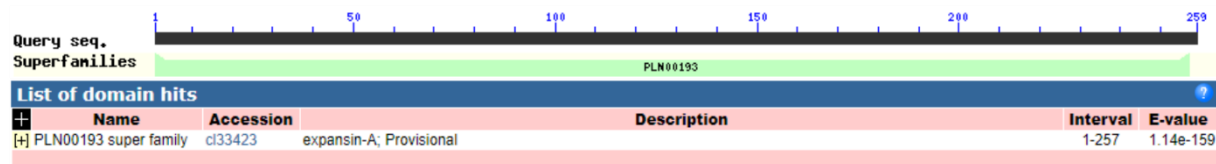
EXTERNAL RESOURCES

[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-03

MGISTFFVAFVMCLMCLSGTRVDGFASSGWNRATATFYGGSDASGTMGGGYGNLY
STGYGTDTAALSTALFNDGASCGQCYMITCDYQSDSQWCLKGASVMITATNFCPPN
YALPNDDGGWCNPPRQHFDMAQPAWEKIGIYRGGIVPVLVYQRVCAKQGGVRFITN
GLNYFELVLISNVGGSGAIQSVSIKGSNTGWMTMSRNWGVNWQSNAYLNGQSISFSV
TTDDGQTLEFPDIAPSDWSFGQTFTSSLQFS*

CDS (coding sequence)

>AncEXPA-03

ATGGGGATTAGCATTTTTTGTAGCATTTGTCATGTGTTTAATGTGCTTAAGTGGTC
AGAGTCGATGGTTTCGCGTCTTCGGGTTGGAAGAGCTACCGCAGTTCTATGGCGG
GAGCGGCCTCCGATATGGGTGGAGCTTGTGGCTGGTATTGTTTCGCGGGTGGGCG
TGCGGCTCTAAGCGGCTCTGTTTAATGGGGGCGTCGTGCGGGCAGTGCTATGATC
GTGCGTCAATCAGTCCCAGTGGTGCTTAAAGGGGGCGTCGGTGATGATCCGCAGA
TTTTGCCCGCCGATGCCCTCCCAAATGGGGCGGTTGGTGCACCGCCTCGCCAGCT
TTGATGGCTCAGCCTGCATGGGAAAAGATCGGCATCTCGCGGGGGTATCGTCTGT
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GGCTAATTTGAGCTCGTGCTCATATCGAGTCGGCGGAAGTGGAGCGATCCAATC
GGTGTCCATCAAGGGCTCGATGGATGGATGGATGTCGCGAATGGGGAGTCATGG
CAATCCAATGCGTCTGAGGTCAATCCATCTCCTTCAGTGTGCTGGGGCCAACCTA
GAGTTCCCGGATAGCCCCGTCGGATTGGAGCTTTGGGCAACTTTAAGCTCTTTGC
AGTTCTCCTAG

Nucleotide

>AncEXPA-03

AATTAGCTTCTATTCATCTTTCTCTCTCTCTCTCTCTTTGTCTCTCTATTGAGATGG
GGATTAGCATTTTTTGTAGCATTGTGCATGTGTTAATGTGCTTAAGTGGTCAGAG
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CCTCCGGATATGGGTAGCCGCTGATCGATCTTAATGTTGTGGTTATGAGTGTTTTG
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GATTACATCAAGCTGTTTATCTTGCCAGCGGGTCAGTAAGCAAGAAATGTTAGTT
CCTTTTAGGTGGCTTATTTATTAATATTGTTAAGAAAGATCTAATCGGGTTGAAGC
AGGGTTCCATGTGCGAAGCAAGGGGGAGTGAGATTCAATCAATGGGCTAATTTTG
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TAATAATATGATTTTGTGGGTTATTTCTTTTTTTTTGGATTCATAGA