

IDENTIFICATION

Species: *Ananas comosus*

Locus: Aco012814

Gene Model: Aco012814.1

Description: AncEXPB-03

Family: Beta Expansin

3D structure:



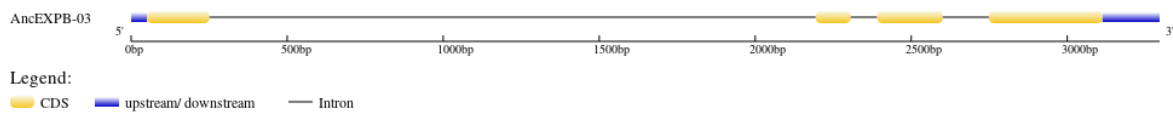
GENOME DATABASES

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

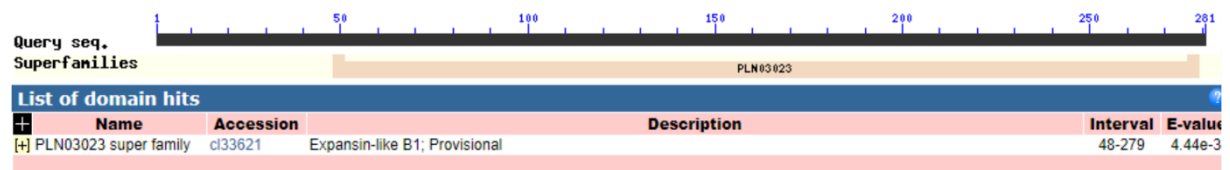
EXTERNAL RESOURCES

[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

>AncEXPB-03

MALRKGFGFCTFYFIFAFLLSSFSICARSEQKHSNFSADAASQWGPASATWYGDPHGA
GPADNNGGGFKNVNLPFSSMTSCGNPALFKSGKGCYQVKCTSHPSGNPSTLVITDL
GGVCLDAPFHFDMSGTTFGSMKPGLDDEL RHAGKIPIQFTRVPCNYPGLNIAFHVE
NGSNPFYFALIEYENG DDLTAVDLMEGGSHGQGVWTPMRESWGAIWRLDSNHPL
QGPFSVRLTTLTSGKTLVAADVIPANWKPLTTYRSVVNFSN*

CDS (coding sequence)

>AncEXPB-03

ATGGCTTCGTAAGGGCTTTGGCTTTTGCCTTTTATTTCAATTTTGGCGTTTCTCTCAT
CGTTCAGCATTTGTGCGCGCTCCGAAGAATCCATTCTCTGCTGGCGGCCTCAGTG
GGGCCCCGCCAGCGCCGTGGTGGCGCCCCGGTGCCGGCCCCGCTGAATGGTGGTG
CATGCGGGTTCAAGAATGTGAATCTGCCTCCTTTCTCATCCATGATCGTGTGGGAC
CAGCCCTCTTAAATCGGGAAAAGGATGTGGCGCTTGCTATCAGGTGAAATGCGA
GCCCCGGCGTGCTCCGGCACCGTCGCCTCGTGATCCGGCGTGCCTCGGCGGAGTC
TGCTTCGGCGCCATTCCATTTGATGAGCGGAGTTTCGGGTCCATGGCAAACCGG
CCTCGGGAGCTTCGCCGCCGAAAAATCCAATAATTCCAGAGTCCTGCATCCGG
GCTTGAATTGCCTTCCGTCGAGAATGGCTCGAATCCGTTTTTTTGGCGATCCTGATC
GAGTGAGAGGGGGGAGATCTCGGCGGTCGATCTTATGGAGGGCGGCAGCCGGGC
AAGGCGTATGGTCCGATGCGCGAGTCATGGGGCGCGATATGGAGATTGGTCGAC
CCGTTGCAGGGCCCCGTTCTCGGTCCGGCTCCTCTCTTCCGGGAAGCCTCGTCGCCG
CCGATGTGATTCCGGCCAATTGGAAGCCCCTACCTAGATCAGTTGTGATTTAGTA
TAG

Nucleotide

>AncEXPB-03

ATCTCTTCATCTATTTGCATCTCTTTGCCTCAATTTTCAAATAATCAAATGGCTTCG
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GCCCGCAGCCAGAGATAGAGTTCCGGCGGTTGCTAAATGCTTGCAAATTAGCAGC
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GCGTCTTTATGTCTATATACCTAGCGCCCATATAGCATTTTTTGAAGTGTGCGTAA
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