

## IDENTIFICATION

**Species:** *Musa acuminata*

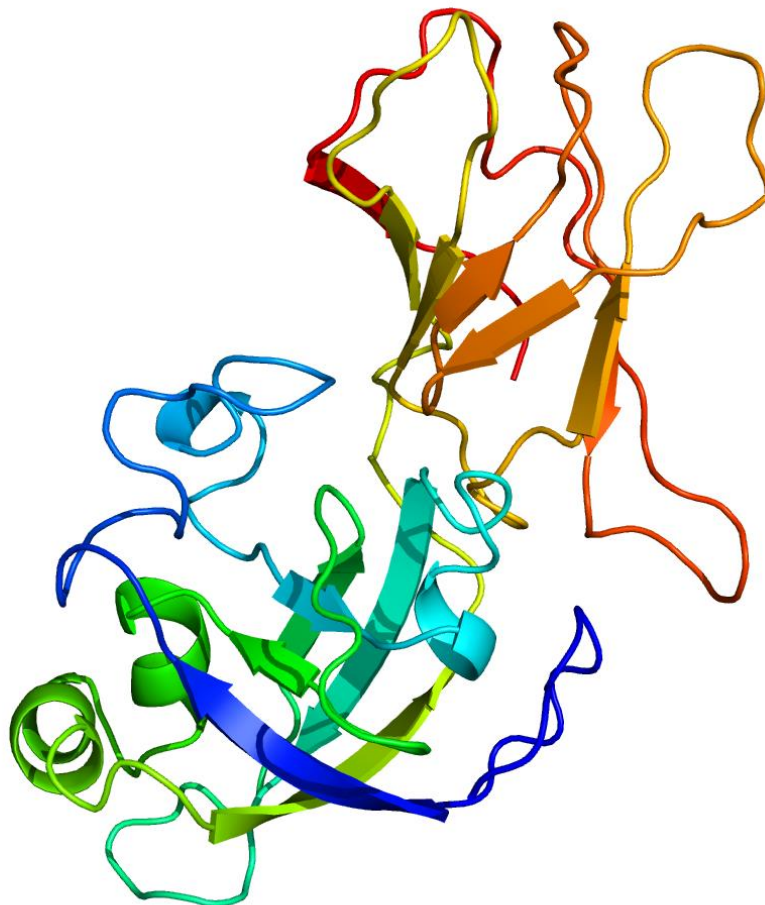
**Locus:** GSMUA\_AchrUn\_randomP04750\_001

**Gene Model:** GSMUA\_AchrUn\_randomP04750\_001

**Description:** MacEXLB-03

**Family:** Expansin Like Beta

**3D structure:**



## GENOME DATABASES

Phytozome: [https://phytozome-next.jgi.doe.gov/info/Macuminata\\_v1](https://phytozome-next.jgi.doe.gov/info/Macuminata_v1)

KEGG: <https://www.genome.jp/entry/T03447>

## EXTERNAL RESOURCES

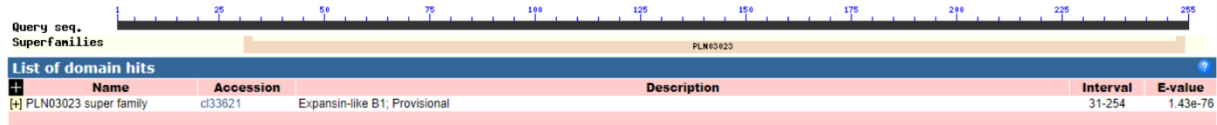
<https://banana-genome-hub.southgreen.fr/>

<https://musabase.org/>

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>MacEXLB-03

MALSAHKLLLLLLPLLLCQSKAKGDTCSGCFTHSSAAYYPNSDKEGTETGACEYGTFG  
GATLNGGDVSAASNLYRNGVGCYQVRCTDAKYCSTDGVTIVITDLGASGNTDF  
ILSQHAFARMGQNADAGASLLSLGAVGIEYRRVSCSYPNKNITFKIDQSSNLYYFAFQ  
IWYQQGNKDITAVQLCETENFTCKLLERSHGAVWAVASPPRGPLSVRMLLSGGDDG  
DDTWVVPNNIPQNWTAGDIYDSGIQV\*

### CDS (coding sequence)

>MacEXLB-03

ATGGCTCTCTCCGCTCACAACTTCTGCTTCTCCTCTTACCTTTGCTTCTCTGCCAA  
TCTAAGGCCAAGGGGGATACCTGCAGTGGCTGCTTTACCCATTCAAGTGCAGCTT  
ACTACCCTAACTCTGACAAAGAAGGGACAGAGACTGGTGCATGCGAGTATGGCA  
CGTTCGGAGCGACGCTCAACGGCGGGGACGTCTCGGCAGCGTCAACCTGTACA  
GGAATGGCGTGGGTTGCGGTGCATGCTATCAGGTGCGATGCACGGATGCCAAGT  
ACTGCTCGACCGACGGCGTCACGATCGTCATCACGGACTTGGGAGCAAGTGGCA  
ACACCGACTTCATTCTCAGCCAGCACGCCTTCGCTCGCATGGGTCAGAATGCTGA  
TGCAGGTGCTTCCCTTCTATCTCTCGGTGCGGTGCGGCATCGAATACCGCAGGGTAT  
CATGCAGCTATCCAAACAAGAACATCACCTTCAAGATTGACCAGAGCAGCAACCT  
CTACTACTTTGCCTTCCAGATATGGTATCAGCAAGGGAACAAGGATATTACTGCT  
GTTGAGCTGTGTGAGACCGAGAACTTACCTGTAAGTTGTTGGAGAGGAGCCACG  
GAGCAGTGTGGGCGGTAGCATCTCCACCAAGGGGGCCTCTCTGTGAGGATGCT  
GTTGAGTGGAGGCGATGATGGAGATGACACATGGGTGGTGCCTCCCAATAACAT  
ACCTCAGAACTGGACTGCAGGAGACATATATGACTCTGGAATACAAGTGTAG

### Nucleotide

>MacEXLB-03

ATGGCTCTCTCCGCTCACAACTTCTGCTTCTCCTCTTACCTTTGCTTCTCTGCCAA  
TCTAAGGCCAAGGGGGATACCTGCAGTGGCTGCTTTACCCATTCAAGTGCAGCTT  
ACTACCCTAACTCTGACAAAGAAGGGACAGAGAGTAAGTTGCGGACACATGCAT  
GAAACATGAAACCTTGTGTTTCTCCCTTACCTTTCGTCCATGAAACCTTCAGC  
TGGTGCATGCGAGTATGGCACGTTTCGGAGCGACGCTCAACGGCGGGGACGTCTC  
GGCAGCGTCAACCTGTACAGGAATGGCGTGGGTTGCGGTGCATGCTATCAGGTC

