IDENTIFICATION

Species: *Musa acuminata*

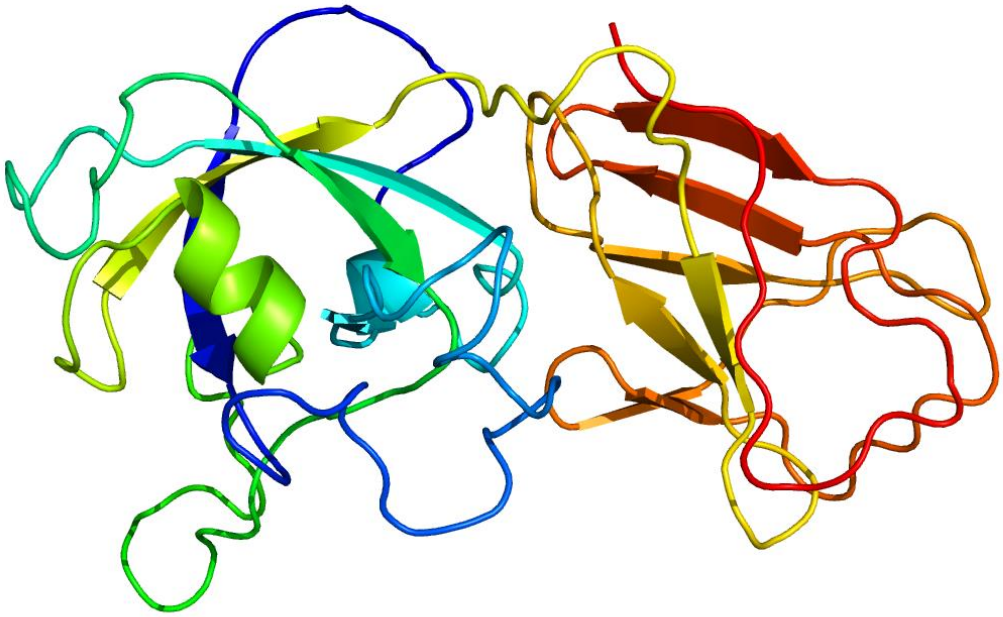
Locus: GSMUA_Achr7P10570_001

Gene Model: GSMUA_Achr7P10570_001

Description: MacEXPA-23

Family: Alpha Expansin

3D structure:



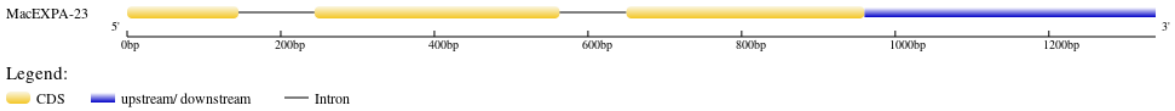
GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Macuminata_v1
KEGG: https://www.genome.jp/entry/T03447

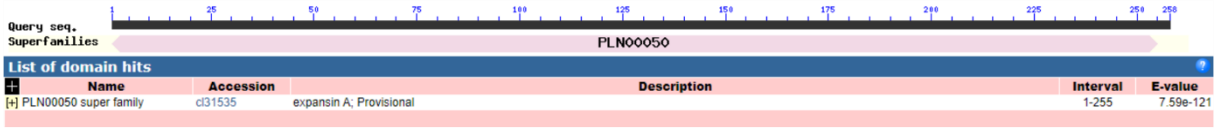
EXTERNAL RESOURCES

https://banana-genome-hub.southgreen.fr/
https://musabase.org/

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MacEXPA-23

MALASFVSVALLALLAPVTARIPGLYAGGQWQNAHATFYGGSDASGTMGGACGYG
NLYSQGYGVQTAALSTALFNEGQSCGACFEIKCAGDPQWCHGGSPSIFITATNFCPPN
YALPSDDGGWCNPPRPHFDLSMPMFLKIAEYRAGIVPVSYRRVPCRRSGGIRFTINGF
KYFNLVLITNVAGAGDIVRASVKGSRTGWMPMSRNWGQNWQSNAVLVGQSLSFRL
TGSDRRTSTSWNIVPSNWQFGQTFEGKNFRT*

CDS (coding sequence)

>MacEXPA-23

ATGGCGTTGGCCTCCTTTGTCTCCGTCGCCCTCCTGGCTCTTCTGGCGCCGGTGAC
TGCGCGCATTCCCGGTTTGTACGCCGGCGGTCAGTGGCAGAATGCCCACGCCACC
TTCTATGGCGGCAGCGACGCATCCGGGACCATGGGAGGGGCGTGTGGGTATGGG
AACCTGTACAGCCAGGGGTACGGGGTGCAGACGGCGGCTTTGAGCACGGCGTTG
TTCAACGAGGGGCAGAGCTGCGGGGCGTGCTTCGAGATCAAGTGCGCGGGCGAT
CCGCAGTGGTGCCACGGCGGGAGCCCCTCCATCTTCATCACAGCCACCAACTTCT
GCCCGCCCAACTACGCGCTCCCCTCGGACGATGGCGGGTGGTGCAACCCGCCCCG
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GCATCGTGCCCGTCTCGTACCGAAGGGTGCCGTGCAGGAGGTCGGGAGGGATCC
GGTTCACCATAAATGGGTTCAAGTACTTCAACCTGGTGCTGATCACCAACGTGGC
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ACCTGA

Nucleotide

>MacEXPA-23

ATGGCGTTGGCCTCCTTTGTCTCCGTCGCCCTCCTGGCTCTTCTGGCGCCGGTGAC
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CCAACGCCGTCCTCGTCGGCCAGTCCCTCTCCTTCCGTCTCACCGGCAGCGACCGC
CGCACCTCCACCTCCTGGAACATCGTCCCCTCCAACTGGCAGTTCGGCCAGACCT
TCGAGGGCAAGAACTTCCGGACCTGACAACCCATTCCCGCGAGAACTTCTCCACT
AGTAATAGTAGTAGTATGTGTTAGTAGTGATGTCTGTGTGATTCGCGCCAAGCTTT
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