

IDENTIFICATION

Species: *Musa acuminata*

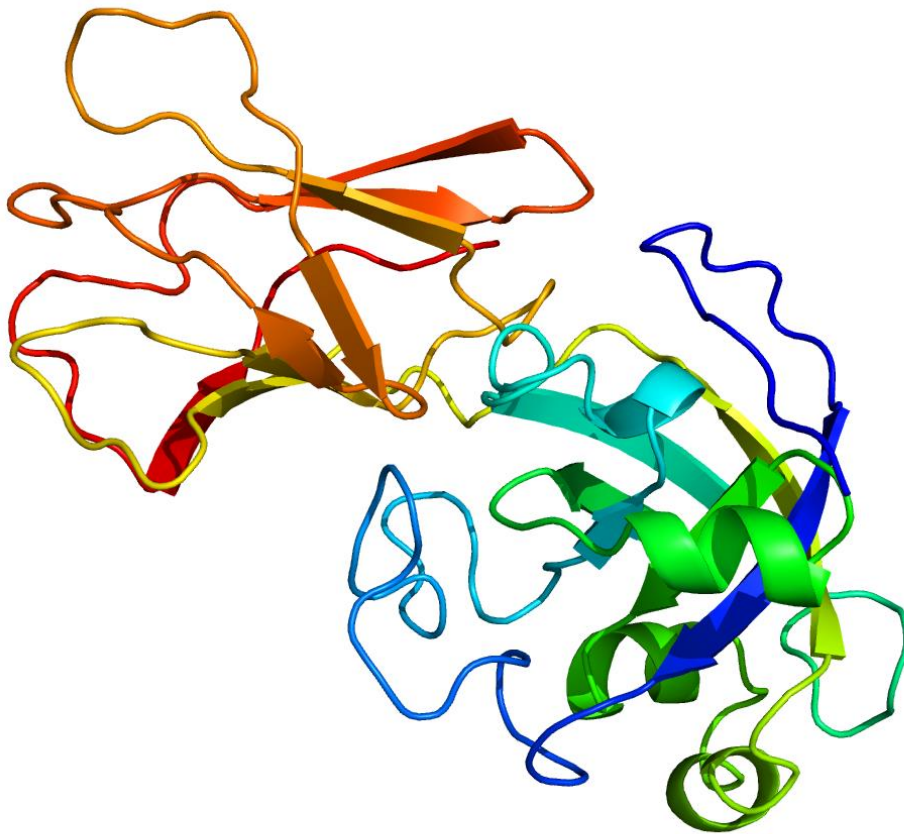
Locus: GSMUA_Achr5P12080_001

Gene Model: GSMUA_Achr5P12080_001

Description: MacEXPB-06

Family: Beta Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Macuminata_v1

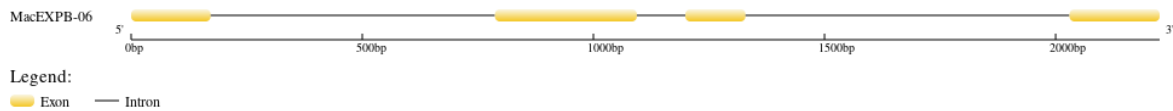
KEGG: <https://www.genome.jp/entry/T03447>

EXTERNAL RESOURCES

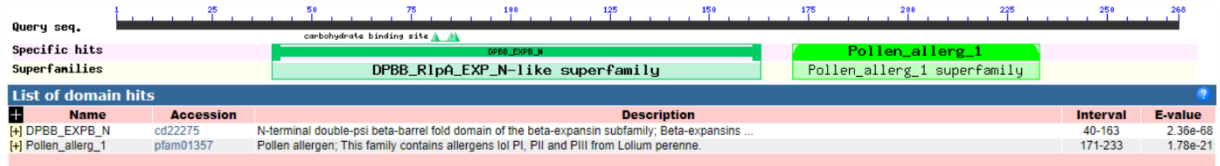
<https://banana-genome-hub.southgreen.fr/>

<https://musabase.org/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MacEXPB-06

MASSFFSPFSSCVLLILFFFSFFVFWFDYGDSPHVPDPHWHPATATWYGSPDGDGSDG
GACGYGSLVDVRPLRARVGA VSPVLFKGGQGCACGYKVRCLDPAICSRRAVTIVT
DECPGGYCASGRTHFDLSGA AFRMAVAGEAGQIRDRGEISV VFRRTPCCKYPGKNIA
FHVNEGSTNYWISLLVEFEDDDGDIGAMHIKQANSVEWLEMKHIWGGNWC FNNGPL
QGPFSVKLTTLTTQKTFSARDVIPS NWSPDVTYTSRLNFL*

CDS (coding sequence)

>MacEXPB-06

ATGGCTTCTAGCTTCTTCTCCTTTCTCCTCCTGCGTTCTTCTTATCCTCTTCTTCT
TTTCGTTCTTTGTCTTCTGGTTCGACTACGGTGA CTACACCCCGTCTTCGACCCG
CATTGGCACCCGGCGACCGCGACCTGGTATGGCAGCCCCGACGGCGACGGCAGC
GACGGTGGGGCGTGC GGGTACGGGTTCGCTGGTGGATGTCCGGCCGCTGCGGGCA
CGGGTGGGGGCGGTGAGCCCCGTGCTGTTCAAGGGCGGGCAGGGGTGCGGGCGCC
TGCTACAAGTTCGCTGCCTCGACCCGGCCATCTGCTCCCGCCGCGCCGTCACCG
TCATCGTCACCGACGAGTGCCCCGGCGGGTACTGTGCGTCCGGCCGAACCCACTT
CGACCTCAGTGGCGCCGCCTTCGGCCGCATGGCCGTTGCCGGCGAGGCCGGCCAG
ATTCGTGATCGCGGCGAGATCTCCGTCGTGTTCCGCAGGACACCGTGCAAGTATC
CAGGGAAGAACATTGCCTTTCATGTAAACGAAGGATCCACAACTACTGGATTTC
GCTTCTCGTGGAGTTTGAGGATGATGATGGAGATATTGGAGCCATGCATATAAAA
CAAGCAAATTCTGTGGAATGGCTCGAGATGAAGCACATATGGGGAGGCAATTGG
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Nucleotide

>MacEXPB-06

ATGGCTTCTAGCTTCTTCTCCTTTCTCCTCCTGCGTTCTTCTTATCCTCTTCTTCT
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AACTTCCTTTGA