

IDENTIFICATION

Species: *Musa acuminata*

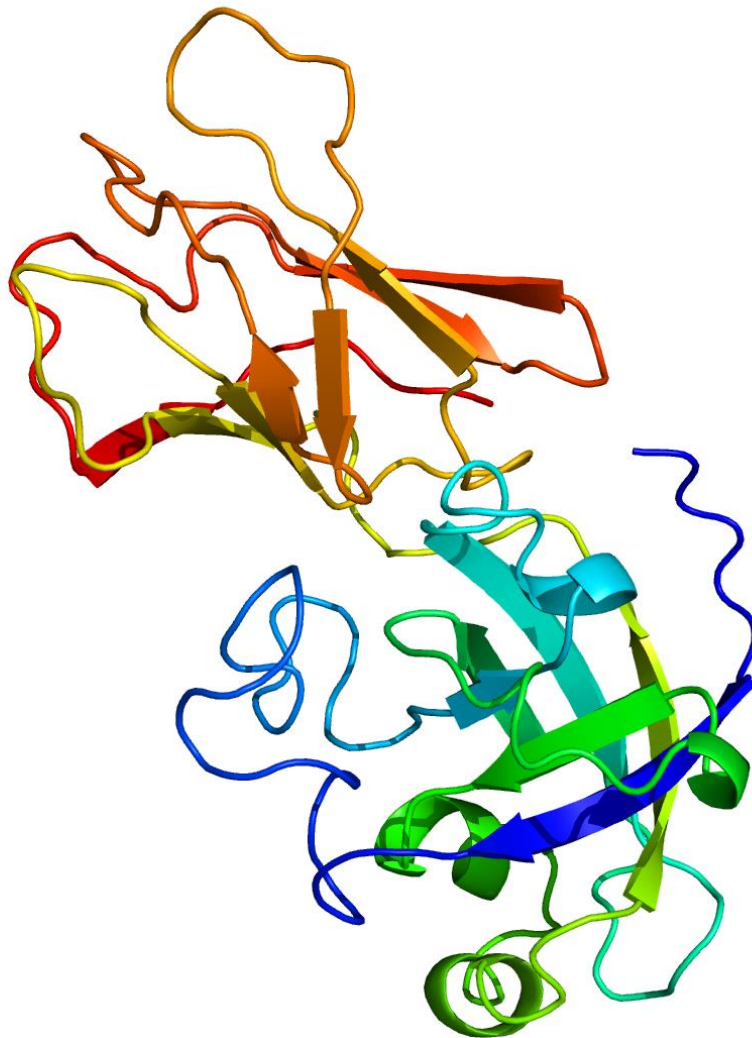
Locus: GSMUA_AchrUn_randomP06310_001

Gene Model: GSMUA_AchrUn_randomP06310_001

Description: MacEXPB-08

Family: Beta Expansin

3D structure:



GENOME DATABASES

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

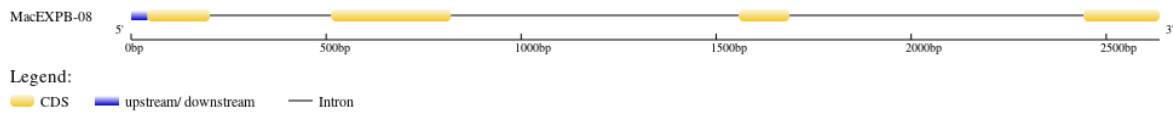
KEGG: <https://www.genome.jp/entry/T03447>

EXTERNAL RESOURCES

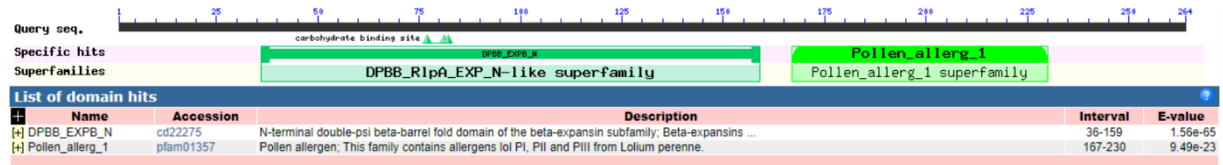
<https://banana-genome-hub.southgreen.fr/>

<https://musabase.org/>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MacEXPB-08

MTSSSSSSSCGFLLFLFCFLFFFFDAGEAFAVFDPHWHPATATWYGSAEGDGSDDGGAC
GYGTLVDVKPLRARVGA VSPVLFKGGEGCGACYKVRCLDPAICSRRAVTVIVTDECP
GGYCASGHTHFDLSGAAFGMAVAGEAGQLRDRGEISVIFCRTPCCKYPGKNIAFHVN
EGSTNFWLSLLVEFEGDDGDIGSMHIKQANSMKWLEMKHVWGASWCIIGGPLQGP
SVKLTTLTTQRTLSARDVIPRNWSPKATYTSRLNFL*

CDS (coding sequence)

>MacEXPB-08

ATGACTTCTTCCTCCTCCTCCAGCTGCGGCTTCTTTTTGTTCTTGTTTTGCTTCCTCT
TCTTCTTCTTCGACGCCGCGAGGCGTTTTCGCGTTTTTCGACCCGCATTGGCACCCG
GCGACTGCCACGTGGTACGGCAGCGCCGAGGGCGACGGCAGCGACGGTGGAGCG
TGCGGGTACGGGACGCTGGTGGACGTGAAGCCGCTGCGGGCGCGGGTGGGGGCG
GTGAGCCCCGGTGCTGTTCAAGGGCGGGCGAGGGCTGCGGGCGCCTGCTACAAGGTG
CGGTGCCTCGACCCCGCCATCTGCTCCCGCCGCGCCGTCACCGTCATCGTCACCG
ACGAGTGTCCCGGGCGGGTACTGCGCCTCCGGCCACACGCATTTTCGACCTCAGCGG
TGCCGCTTTCGGCCGCATGGCCGTCGCGGGCGAGGCCGGCCAGCTGCGCGACCGT
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TCGCGTTTCATGTAAACGAAGGTTCCACGAACCTTTGGCTCTCTTCTTGTGGAG
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TGAAGTGGCTAGAGATGAAGCACGTGTGGGGAGCGAGTTGGTGCATCATTGGGG
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CCTCTCAGCCCGGGACGTGATTCCAAGAACTGGTCTCCAAGGCCACCTACACC
TCTCGCCTTAACTTCCTTTGA

Nucleotide

>MacEXPB-08

CTTGGCCTCCTGGAAGCCTAAAAGCGAGGAGAGAAGCTCACAATGACTTCTTCCT
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