

IDENTIFICATION

Species: *Oropetium thomaeum*

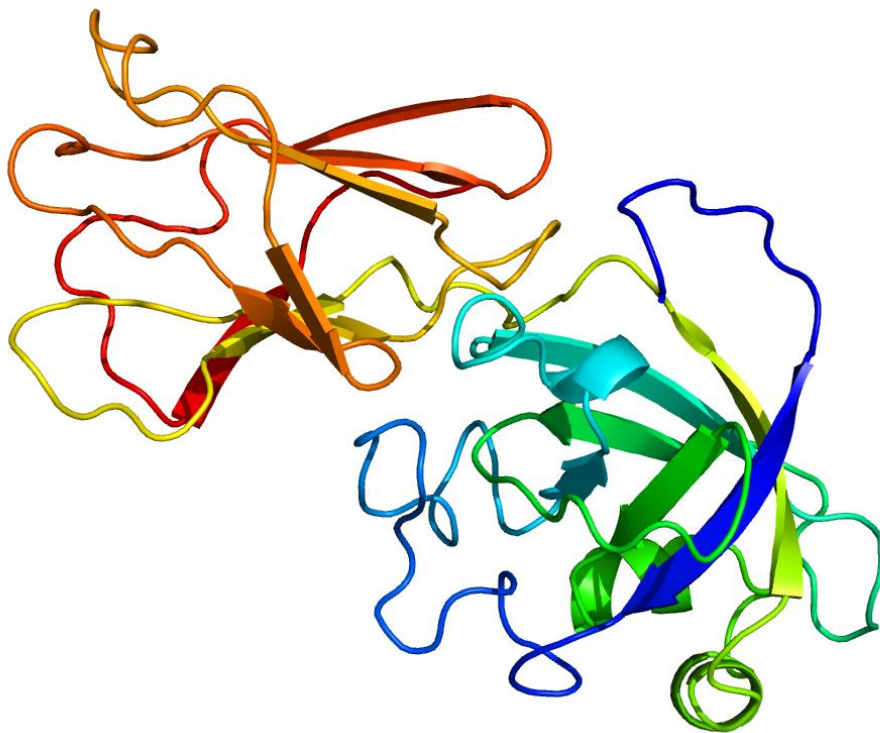
Locus: Oropetium_20150105_20002A

Gene Model: Oropetium_20150105_20002A

Description: OthEXPB-10

Family: Alpha Expansin

3D structure:



GENOME DATABASES

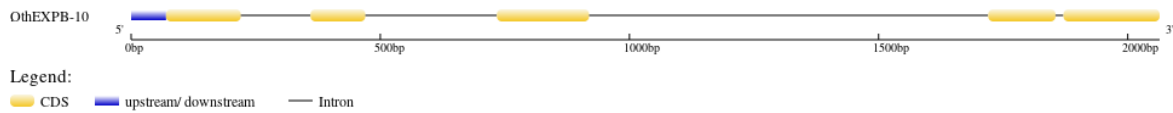
Phytozome: https://phytozome-next.jgi.doe.gov/info/Othomaeum_v1_0

KEGG:-

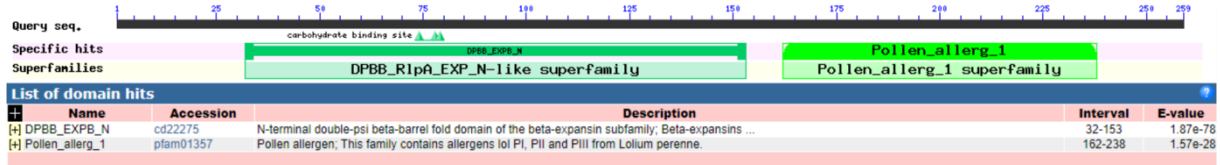
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OthEXPB-10

MGCREAQFDAGDAGVDAENFNTSDAGKYWGPWLPARATWYGQPNGAGPDDNGG
ACGFKHTNQYPFMSMGSCGNQPLFKDGGKCGSCYKIRCTKDRSCSGRTETVIITDMN
YYPVSKYHFDLSGTAFGRLAKPGLNDKLRHSGIIDIEFTRVPCFEFGLKVGFFHVEQFSN
PVYFAVLVEYEDGDGDVVQVDLMESNRRGGGRPMRESWGSVWRLDSNHRLQAPFS
IRIRNESGKTLVAREVIPANWRPNTFYRSIVQYS*

CDS (coding sequence)

>OthEXPB-10

ATGGGCTGCCGCGAGGCACAGTTTGACGCCGGCGACGCTGGCGTTCGACGCGGAG
AACTTCAACACCAGCGACGCCGGCAAGTACTGGGGCCCCTGGCTGCCGGCCAGG
GCCACCTGGTACGGCCAGCCCAACGGCGCCGGCCCCGACGACAACGGTGGTGCC
TGCGGGTTCAAGCACACCAACCAGTACCCGTTTCATGTCCATGGGCTCCTGCGGCA
ACCAGCCACTGTTCAAGGACGGCAAGGGCTGCGGCTCCTGCTACAAGATTTCGGTG
CACCAAGGACCGTTCCTGCTCCGGTCGGACGGAGACGGTGATCATCACCGACATG
AACTACTACCCGGTGTCCAAGTACCACTTCGACCTCAGCGGCACCGCGTTCGGCC
GCCTCGCCAAGCCGGGGCTCAACGACAAGCTCCGCCACTCCGGCATCATCGACAT
CGAGTTCACCAGGGTTCCTGTGCGAGTTCCTGGGCTGAAGGTCGGATTCCACGTG
GAGCAGTTCTCCAACCCCGTGTACTTCGCGGTGCTAGTGGAGTACGAGGACGGCG
ACGGCGACGTGGTGCAGGTGGACCTGATGGAGTCGAACCGACGGGGCGGTGGAC
GCCGATGCGCGAGTCTTGGGGCTCCGTCTGGCGCCTCGACTCCAACCACCGGCT
GCAGGCGCCCTTCTCCATCCGCATCCGCAACGAGTCCGGCAAGACGCTCGTAGCC
AGGGAGGTCATCCCGGCCAACTGGAGGCCAACACGTTCTACCGCTCCATCGTGC
AGTACAGCTGA

Nucleotide

>OthEXPB-10

ATGGGGTCCGCGGGTTCCTCGCCGGCGCCGGCGGGCGCTCGCGCTCCTGTAC
TCCTCGCCGTCGGCAGCTGCCGCGAGGCACAGTTTGACGCCGGCGACGCTGGCGT
CGACGCGGAGAACTTCAACACCAGCGACGCCGGCAAGTACTGGGGCCCCTGGCT
GCCGGCCAGGGCCACCTGGTACGGCCAGCCCAACGGCGCCGGCCCCGACGACAA
CGGTGAGTTTCTAAACTAAGCACCTGCATTTTCTTTCCCGAGATCCCTTTTCTTC
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ACCGTCAAAGCAGTACGTTATCTTAAGAGAAAAAAGAAAAAACAATTAGAT
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TCACTGGATCTCCGTGATGCTAGTAGCGCCGTTCACTCTGGCATTGACCCTTGCTC
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GAGACGGTGATCATCACCGACATGAACTACTACCCGGTGTCCAAGTACCACTTCG
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CCGCCACTCCGGCATCATCGACATCGAGTTCACCAGGTCTGTAAACCGAAAACAC
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