

IDENTIFICATION

Species: *Oropetium thomaeum*

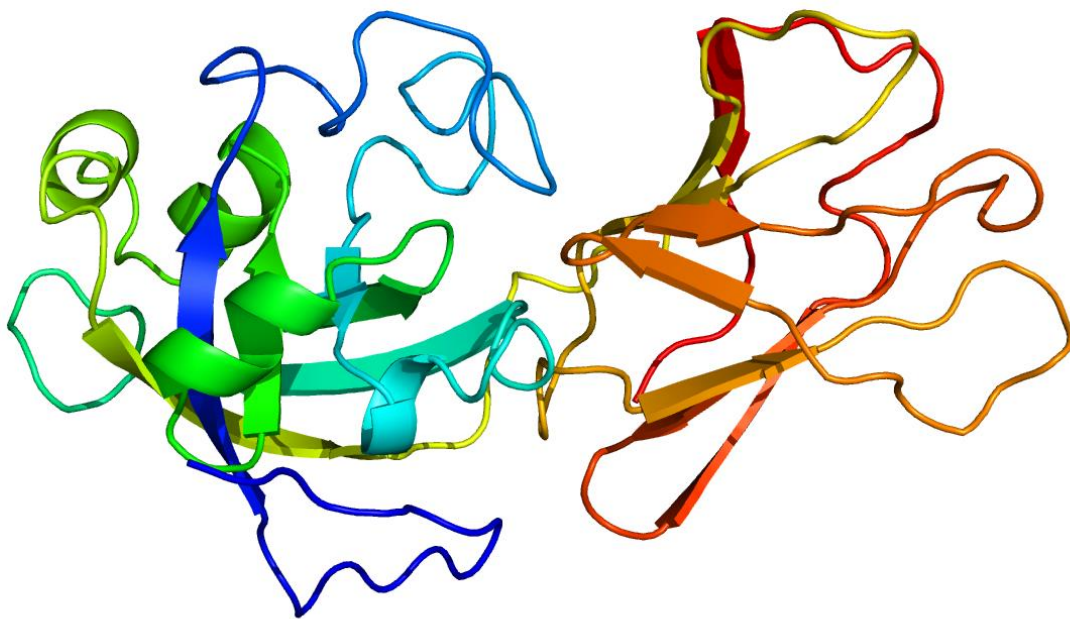
Locus: Oropetium_20150105_13208A

Gene Model: Oropetium_20150105_13208A

Description: OthEXPB-06

Family: Alpha Expansin

3D structure:



GENOME DATABASES

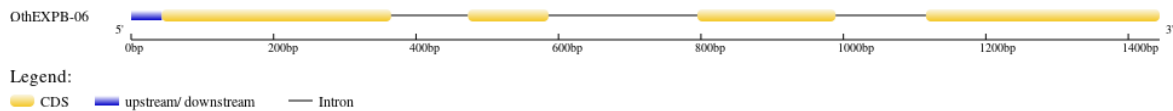
Phytozome: https://phytozome-next.jgi.doe.gov/info/Othomaeum_v1_0

KEGG:-

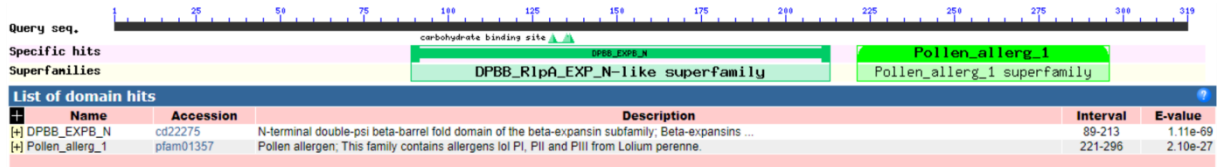
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OthEXPB-06

MARRTCTLLLLGALVVLALLVSPIDCSRKTKAKAKAPVSHQPKPKPPSSKVS RKPPPAP
VPAKKRPPAPAPKPRSNTATPSPASGSGGWLSGAGATYYGYPNGAGSDGGACGYQ
TAVGKPPFNSMIAAGSTPLFKGGEGCGACYEVKCTTNAACSGQPVTIVITDESPGGLF
PGEVAHFDMSGTAMGAMAKPGMADQLRAGGVLRILHRRVPCRYPGVNVAFKVDQ
GANPFYLVNLI EFEDGDGDL SGVQLMEAGSRVWTPMAHNWGAMWRLNNGRRLNA
PFALRLTSGTGKVLVAPNAIPAGWKPGTTYRSLVNYPL*

CDS (coding sequence)

>OthEXPB-06

ATGGCGAGGAGGACGTGCACATTACTTCTCGGGGCACTGGTGGTGCTCGCAC
TCCTGGTAAGCCCCATCGACTGCTCCCGCAAGACCAAGGCCAAGGCAAAGGCGC
CGGTCAGCCACCAGAAGCCGAAGCCACCATCGTCTAAGGTTAGCCGGAACCGC
CGCCGGCTCCCGTACCGGCCAAGAAAAGACCACCAGCTCCGGCGCCCAAGCCCC
GCAGCAACTACACTGCTACACCCTCGCCTGCCAGTGGCTCCGGCGGCTGGCTGTC
GGGCGCCGGCGCTACCTACTACGGCTACCCCAACGGCGCCGGAAGCGACGGTGG
TGCGTGCGGTTACCAGACCGCCGTGGGCAAGCCGCCGTTCAACTCCATGATCGCC
GCCGGGAGCACGCCGCTGTTCAAAGGAGGCGAGGGCTGCGGCGCCTGCTACGAG
GTTAAATGCACGACGAACGCCGCGTGCTCCGGCCAGCCGGTGACCATCGTCATCA
CCGACGAGTCCCCCGGGCGGGCTCTTCCCGGGCGAGGTGGCACACTTCGACATGAG
CGGCACCGCCATGGGAGCTATGGCGAAACCCGGCATGGCCGACCAGCTCCGCGC
CGGCGGCGTGCTCAGGATCCTACACAGGAGGGTGCCGTGCAGGTACCCCGGCGT
GAACGTCGCGTTCAAGGTGGACCAGGGCGCGAACCCTTCTACTTGAACGTGCTG
ATCGAGTTCGAGGACGGCGACGGCGACCTCAGCGGCGTCCAGCTCATGGAGGCC
GGCAGCCGCGTGTTGGACGCCGATGGCGCAAACTGGGGCGCCATGTGGCGACTC
AACACGGCCGGAGGCTGAACGCCCCCGTTCGCGCTCCGGCTCACCTCCGGCACCG
GCAAGGTCCTCGTCGCTCCCAACGCCATCCCCGCAGGGTGGAAGCCCGGAACCAC
GTACCGGTCGCTGGTCAACTACCCATTATGA

Nucleotide

>OthEXPB-06

AATCGAGCTAACCTGGTGAAGAGAAGAGAAGCAAGCGGAAGCAATGGCGAGGA
GGACGTGCACATTATTACTTCTCGGGGCACTGGTGGTGCTCGCACTCCTGGTAAG
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CCAGAAGCCGAAGCCACCATCGTCTAAGGTTAGCCGGAACCGCCGCGGCTCC
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CACTGCTACACCCTCGCCTGCCAGTGGCTCCGGCGGCTGGCTGTCGGGCGCCGGC
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CCGCTGTTCAAAGGAGGCGAGGGCTGCGGCGCCTGCTACGAGGTCAGCATTTCOA
AAGAATCTGGTGTGCGTGGCTGCATTGCTTAATTGTGGTTCGTTCGTGCATGGTCAC
ACACGGCCGGATATTACTGAGCTGTCGCGCTCTGGCCCATCGATCGATCGATCCC
GTGACTCGTCGATCGTGGTCCAAAAGCTGTCGGCTGGTTCTGGTAACTAACTAA
ACTAACGAACTAACTAACTGATATGGCACAGGTAAATGCACGACGAACGCCGC
GTGCTCCGGCCAGCCGGTGACCATCGTCATCACCGACGAGTCCCCCGGCGGGCTC
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CACAGGAGGTACGTACGGACGCAGATATCTTCGTTCGTGTCGAACGACACAATGC
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GGTCTCGTCGCTCCCAACGCCATCCCCGCAGGGTGGAAGCCCGGAACCACGTAC
CGGTCGCTGGTCAACTACCCATTATGA