

IDENTIFICATION

Species: *Daucus carota*

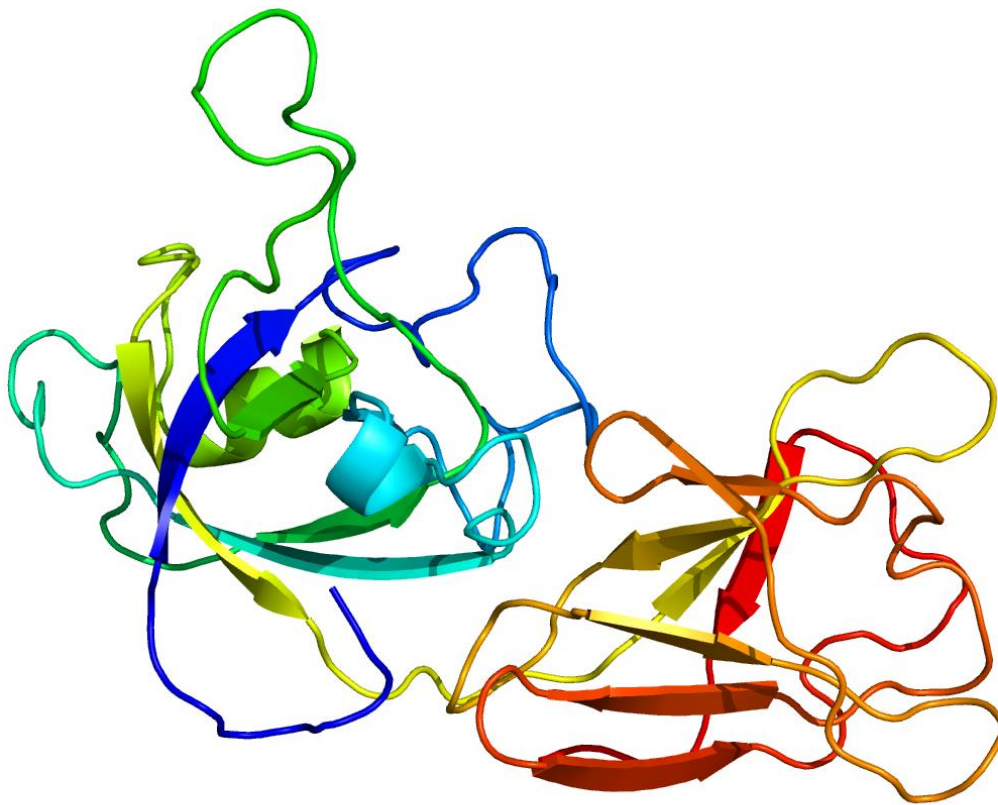
Locus: DCAR_009506

Gene Model: DCAR_009506

Description: DcEXPA-07

Family: Alpha Expansin

3D structure:



GENOME DATABASES

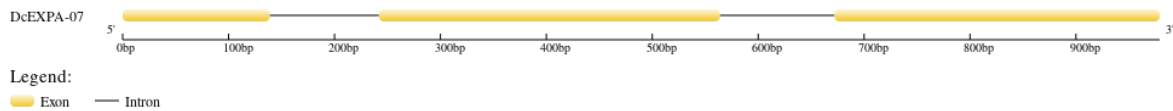
Phytozome: https://phytozome-next.jgi.doe.gov/info/Dcarota_v2_0

KEGG: <https://www.genome.jp/entry/T05350>

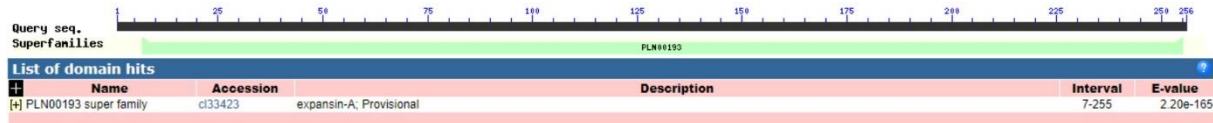
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>DcEXPA-07

MANIRVLVLAFLASTCLLVCVDAFVASGWSKAHATFYGGSDASGTMGGACGYGNL
YSTGYGTRTAALSTALFNDGASCGQCYKIICDYKASPQWCIRGRSVTITATNFCPPNY
ALPNDGGWCNPLKHFDMAQPAWEKIGIYRGGIVPVIYQRPVCVKRGGVRFTINGR
DYFELVLISNVGGAGSIKSVQIKGTRTNWMSMSRNWGANWQSNAYLNGQALSFRVT
TTDGVTKTFYNVSSGWRFGQTFSSAVKF*

CDS (coding sequence)

>DcEXPA-07

ATGGCAAACATTCGAGTTCTTGTGCTGGCGTTTTTAGCTAGTACTTGTTACTTGT
CTGTGTTGATGCGTTTGTGGCTTCAGGATGGTCAAAGCGCATGCTACTTTTTATG
GAGGCAGCGATGCTTCAGGAACAATGGGTGGTGTGTTATGGTAACTTGTA
CTCTACTGGATATGGAACCTCGGACAGCTGCTTTAAGCACTGCTCTTTTCAATGATG
GAGCATCATGCGGACAATGTTATAAGATTATATGTGACTATAAAGCAAGCCCTCA
GTGGTGTATTAGAGGAAGATCTGTTACTATCACGGCTACAACTTCTGCCCTCCA
AACTATGCATTGCCTAATAATGACGGAGGCTGGTGCAATCCTCCACTCAAGCATT
TTGATATGGCTCAACCCGCTTGGGAAAAGATTGGTATCTATCGAGGTGGAATTGT
TCCAGTCATTTACCAAAGGGTCCCCTGTGTTAAGCGTGGTGGAGTTAGATTTACC
ATCAATGGGAGGGACTACTTTGAACTTGTTCTAATAAGCAATGTTGGCGGAGCTG
GATCAATCAAATCAGTGCAAATCAAGGGTACTAGAACAACTGGATGTCAATGT
CTAGAAATTGGGGAGCAAATTGGCAGTCCAATGCATACCTCAATGGCCAAGCTTT
GTCTTTCAGAGTCACCACTACTGATGGAGTGACCAAGACGTTTTACAACGTCGTG
TCATCCGTTGGCGATTTGGTCAGACATTTTCAAGCGCTGTAAATTTTAA

Nucleotide

>DcEXPA-07

ATGGCAAACATTCGAGTTCTTGTGCTGGCGTTTTTAGCTAGTACTTGTTACTTGT
CTGTGTTGATGCGTTTGTGGCTTCAGGATGGTCAAAGCGCATGCTACTTTTTATG
GAGGCAGCGATGCTTCAGGAACAATGGGTATGTAAAACCTTGTACTTGCTGTCT
TTTCGAATTTTATGTAAGTGTTAATAATTAGGAAATGAATCAGACAATGAAAGAC
TGATAATTGGCGTGAAACAGGTGGTGTGTTATGGTAACTTGTACTCTACT
GGATATGGAACCTCGGACAGCTGCTTTAAGCACTGCTCTTTTCAATGATGGAGCAT

CATGCGGACAATGTTATAAGATTATATGTGACTATAAAGCAAGCCCTCAGTGGTG
TATTAGAGGAAGATCTGTTACTATCACGGCTACAACTTCTGCCCTCCAACTAT
GCATTGCCTAATAATGACGGAGGCTGGTGCAATCCTCCACTCAAGCATTTTGATA
TGGCTCAACCCGCTTGGGAAAAGATTGGTATCTATCGAGGTGGAATTGTTCCAGT
CATTTACCAAAGGTATAGAACAAGATTGGACTGTGCTTTTTCTTTCATTCTGTATT
ATAACAGTTTACCTCAGGAGGCTAGTATACATAATCGTGTTACTTGTATATTTTA
AAATTCAGGGTCCCCTGTGTTAAGCGTGGTGGAGTTAGATTTACCATCAATGGGA
GGGACTACTTTGAACTTGTTCTAATAAGCAATGTTGGCGGAGCTGGATCAATCAA
ATCAGTGCAAATCAAGGGTACTAGAACAACTGGATGTCAATGTCTAGAAATTG
GGGAGCAAATTGGCAGTCCAATGCATACCTCAATGGCCAAGCTTTGTCTTTCAGA
GTCACCACTACTGATGGAGTGACCAAGACGTTTTACAACGTCGTGTCATCCGGTT
GGCGATTTGGTCAGACATTTTCAAGCGCTGTTAAATTTTAA