

## IDENTIFICATION

**Species:** *Daucus carota*

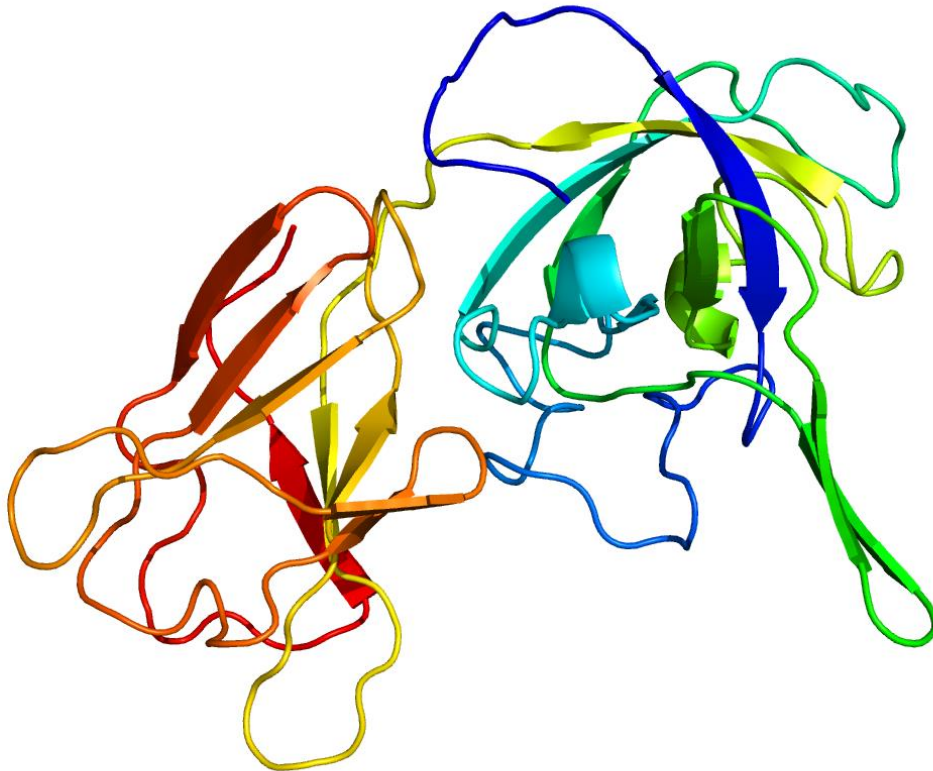
**Locus:** DCAR\_009505

**Gene Model:** DCAR\_009505

**Description:** DcEXPA-06

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

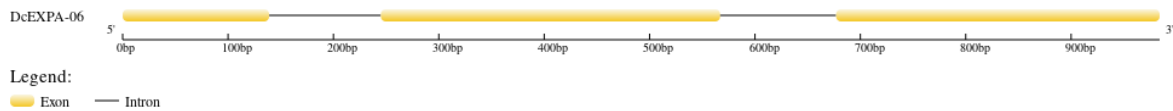
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Dcarota\\_v2\\_0](https://phytozome-next.jgi.doe.gov/info/Dcarota_v2_0)

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

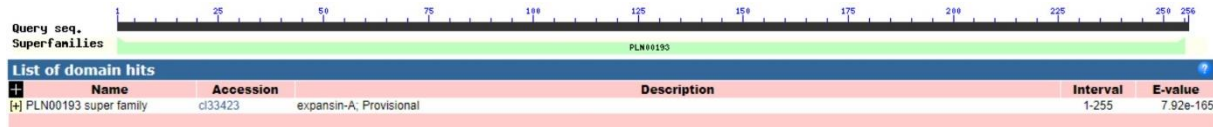
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>DcEXPA-06

MANLGVIALAFLASTCLLVHVDADFV ASGWSRAHATFYGGSDASGTMGGACGYGNL  
YSTGYGTRTAALSTALFNDGASCGQCYKIICDYKASPQWCIRGRSVTITATNFCPPNY  
ALPNDGGWCNPPLKHFDMAQPAWEKIGIFRGGIVPVIYQRPVPCVKRGGVRFINGR  
DYFELVLISNVGGAGSIKSVQIKGTRTKWMSMSRNWGANWQSNAYLNGQALSFRVT  
TTDGVTKTFYNVSSGWRFGQTFSSVVKF\*

### CDS (coding sequence)

>DcEXPA-06

ATGGCAAATCTTGGAGTTATTGCATTGGCATTCTAGCTAGTACTTGTTTACTTGT  
CCATGTCGATGCATTTGTGGCTTCAGGATGGTCAAGAGCGCATGCTACTTTTTATG  
GAGGTAGCGATGCTTCAGGAACAATGGGTGGTGTGTTGTTATGGTAACTTGTA  
CTCAACTGGATATGGAACCTCGGACTGCTGCTCTGAGCACTGCCCTTTTTAATGATG  
GAGCATCATGCGGACAATGTTATAAGATAATATGTGACTATAAAGCAAGCCCGC  
AGTGGTGTATTAGAGGAAGATCTGTTACTATTACGGCTACAACTTCTGCCCTCC  
AACTATGCATTGCCTAATAATGACGGAGGCTGGTGAATCCTCCACTCAAGCAT  
TTTGATATGGCTCAACCCGCTTGGGAAAAGATTGGTATCTTTCGAGGTGGAATTG  
TTCCAGTGATTTACCAAAGGGTCCCGTGTGTTAAGCGTGGTGGAGTTAGATTTAC  
CATCAATGGGAGGGACTACTTTGAGCTTGTTTTAATAAGCAATGTTGGCAGGAGCT  
GGATCAATCAAATCAGTGCAGATTAAGGGTACAAGAACAAAGTGGATGTCAATG  
TCTAGAAATTGGGGAGCAAACCTGGCAGTCCAATGCATACCTCAATGGCCAAGCTT  
TGTCTTTCAGAGTCACCACTACTGATGGAGTGACCAAGACGTTTTTACAATGTCGT  
GTCATCTGGTTGGCGATTTGGTCAGACATTTTCAAGCACCGTTAAATTTTAA

### Nucleotide

>DcEXPA-06

ATGGCAAATCTTGGAGTTATTGCATTGGCATTCTAGCTAGTACTTGTTTACTTGT  
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TTAAATTTTTTTTATCTGAGCACTCATTAGGAATTGAGTAAGACGATAAAGACTG  
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ATCATGCGGACAATGTTATAAGATAATATGTGACTATAAAGCAAGCCCGCAGTGG  
TGTATTAGAGGAAGATCTGTTACTATTACGGCTACAACTTCTGCCCTCCAACT  
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TATGGCTCAACCCGCTTGGGAAAAGATTGGTATCTTTCGAGGTGGAATTGTTCCA  
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CTAACAAATAGTTTACCTCAGGAGACTAGTATACCTAACTGTATTACTTGCATGA  
TTTTTGGATTCAGGGTCCCGTGTGTTAAGCGTGGTGGAGTTAGATTTACCATCAAT  
GGGAGGGACTACTTTGAGCTTGTTTTAATAAGCAATGTTGGCGGAGCTGGATCAA  
TCAAATCAGTGCAGATTAAGGGTACAAGAACAAGTGGATGTCAATGTCTAGAA  
ATTGGGGAGCAAACCTGGCAGTCCAATGCATACCTCAATGGCCAAGCTTTGTCTTT  
CAGAGTCACCACTACTGATGGAGTGACCAAGACGTTTTACAATGTCGTGTCATCT  
GGTTGGCGATTTGGTCAGACATTTTCAAGCACCGTTAAATTTTAA