

## IDENTIFICATION

**Species:** *Daucus carota*

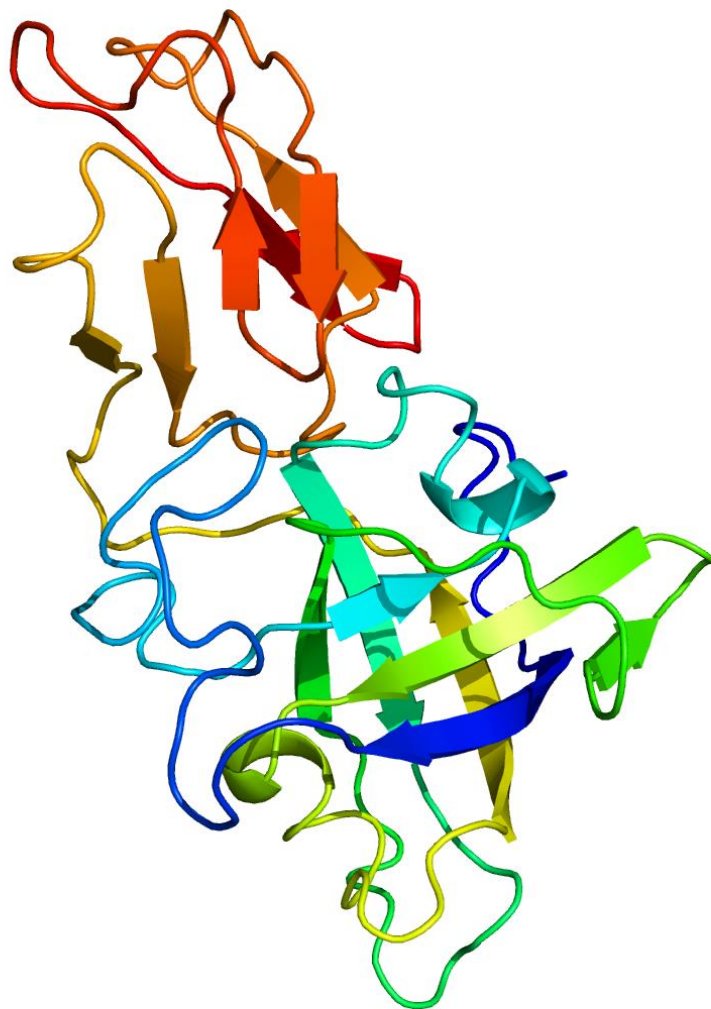
**Locus:** DCAR\_027424

**Gene Model:** DCAR\_027424

**Description:** DcEXPA-22

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

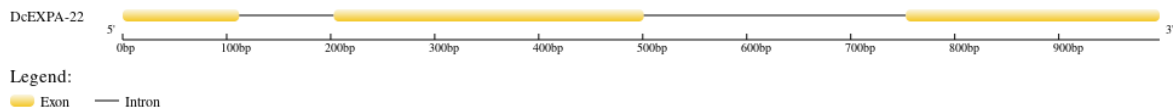
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Dcarota\\_v2\\_0](https://phytozome-next.jgi.doe.gov/info/Dcarota_v2_0)

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

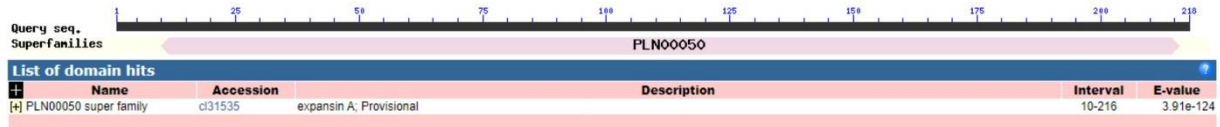
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>DcEXPA-22

MFLVGFVALMASSVQGYGGWSGAHATFYGGGDASGTMGGACGYGNLYSQGYGTN  
TAALSTALFNGLSCGSCYEIKCVNDNQWCLPGSIMVTATNFCPPNSDGGWCNPPNQ  
HFDLSQPIFQHIAQYKAGIVPVSYRRVPCQRRGGIRFQINGHSYFNLVLTNVGGAGD  
VHAVSIKGSRTGWQPMSRNWQNWQSNNYLNQSLSFKVTTS DGRTV\*

### CDS (coding sequence)

>DcEXPA-22

ATGTTCTTGGTGGGCTTTGTTGCATTAATGGCCTCCTCTGTTCAAGGATATGGAGG  
TTGGTCTGGTGCTCATGCCACCTTCTATGGTGGGGGTGATGCCTCAGGCACAATG  
GGTGGGGCTTGTGGATATGGGAATCTGTACAGCCAAGGTTATGGAACAAACT  
GCAGCTTTGAGTACTGCTCTGTTCAACAATGGGTTAAGCTGTGGGTCTTGCTATGA  
GATTAAGTGTGTTAATGACAATCAATGGTGTCTGCCTGGCTCCATCATGGTCACT  
GCAACTA ACTTCTGTCCACCCAACAGTGATGGAGGCTGGTGTAACTCCCAACC  
AGCACTTTGACCTCTCCAGCCTATTTTCCAACACATTGCTCAATACAAAGCTGGC  
ATAGTCCCTGTTTCCTACAGGAGGGTACCATGCCAGAGGAGGGGAGGCATAAGG  
TTTCAAATAAATGGTCATTCTTACTTCAACTTGGTTTTAGTCACAAATGTTGGTGG  
TGCTGGAGATGTTTCATGCTGTTTCAATCAAAGGATCAAGGACTGGTTGGCAACCA  
ATGTCAAGAACTGGGGACAGA ACTGGCAGAGCAACA ACTATCTCAATGGTCAA  
TCTCTGTCTTTCAAGGTCACCACAAGTGATGGAAGAACTGTTNACTGA

### Nucleotide

>DcEXPA-22

ATGTTCTTGGTGGGCTTTGTTGCATTAATGGCCTCCTCTGTTCAAGGATATGGAGG  
TTGGTCTGGTGCTCATGCCACCTTCTATGGTGGGGGTGATGCCTCAGGCACAATG  
GGTATGTCAAAAATTAGATAAAA ACTAAAATAATTTTTTA ACTTTTTTTTTTTTGGC  
CTTTCTCTAATGATTTGGTGTGGGGACTATTATAGGTGGGGCTTGTGGATATGGG  
AATCTGTACAGCCAAGGTTATGGAACAAACTGCAGCTTTGAGTACTGCTCTGT  
TCAACAATGGGTTAAGCTGTGGGTCTTGCTATGAGATTAAGTGTGTTAATGACAA  
TCAATGGTGTCTGCCTGGCTCCATCATGGTCACTGCAACTA ACTTCTGTCCACCCA  
ACAGTGATGGAGGCTGGTGTAACTCCCAACCAGCACTTTGACCTCTCCAGCC  
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GGTGAACCCTCTAATCCTTGCTACAGGCTCGGTCGAAATAAGTCACTTATTTCCA  
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GGCATAAGGTTTCAAATAAATGGTCATTCTTACTTCAACTTGGTTTTAGTCACAAA  
TGTTGGTGGTGCTGGAGATGTTTCATGCTGTTTCAATCAAAGGATCAAGGACTGGT  
TGGCAACCAATGTCAAGAACTGGGGACAGAACTGGCAGAGCAACAACACTATCTC  
AATGGTCAATCTCTGTCTTTCAAGGTCACCACAAGTGATGGAAGAACTGTTNACT  
GA