

## IDENTIFICATION

**Species:** *Daucus carota*

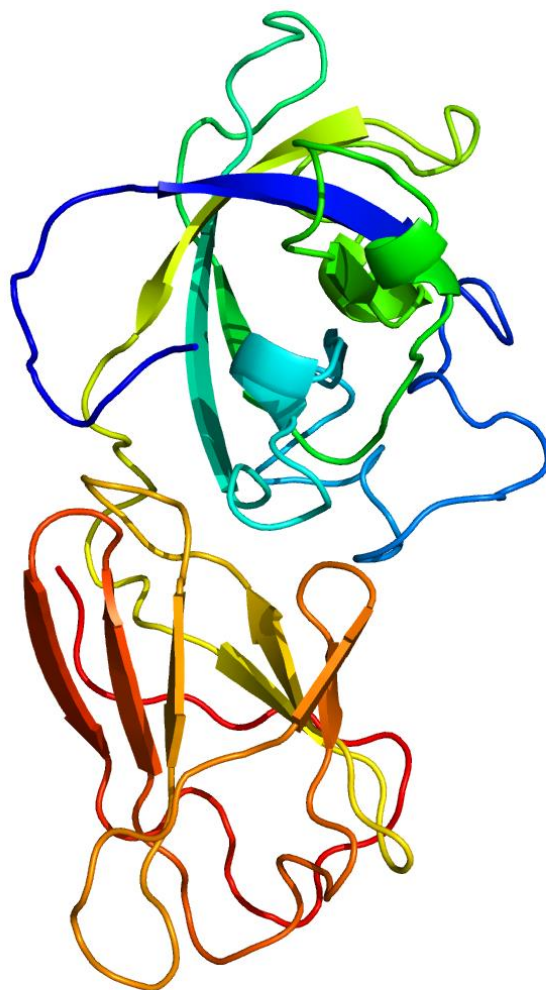
**Locus:** DCAR\_011088

**Gene Model:** DCAR\_011088

**Description:** DcEXPA-09

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

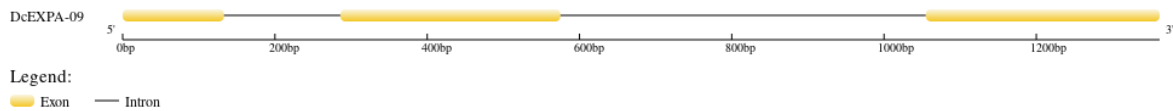
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Dcarota\\_v2\\_0](https://phytozome-next.jgi.doe.gov/info/Dcarota_v2_0)

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

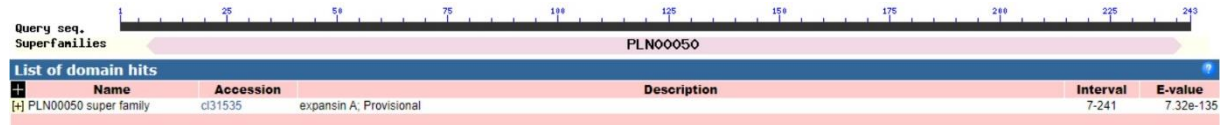
## EXTERNAL RESOURCES

-

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>DcEXPA-09

MDTKITGIVVLGFLSIVSSVQGYNRGWINAHATFYGGGDASGTMGGACGYGNLYGQ  
GYGTNTAALSTALFNGLSCGACFQIVCVNDPKWCLRGAIIVTATNFCPPGGWCDPP  
NHHFDLSQPVFLRIAQYRAGIVPVAYRRVPCRRRGGIRFTINGHSYFNLVLTNVEGA  
GDVHAVYIKGSRTRWQPMsrNWGQNWQSNNYLNQTLsfkVVTSDGRSVVSYNV  
APSGWSFGQTYTGRQFR\*

### CDS (coding sequence)

>DcEXPA-09

ATGGATACGAAGATCACTGGAATTGTAGTTTTGGGCTTCCTTTCAATTGTTTCTTC  
GGTGCAGGGGTATAACAGAGGTTGGATAAATGCTCATGCTACTTTCTATGGAGGA  
GGTGTATGCCTCCGGGACTATGGGCGGGGCTTGTGGATATGGAAATTTGTATGGCC  
AAGGATATGGGACGAACACAGCAGCACTAAGCACAGCTCTGTTTAAACAATGGAT  
TGAGCTGTGGAGCATGCTTTCAGATTGTCTGTGTTAACGATCCAAAGTGGTGTCTC  
CGTGGTGCAATCATAGTCACCGCCACAACTTCTGTCTCCTGGTGGCTGGTGTG  
ACCCTCCTAACCACCACTTTGATCTCTCTCAGCCTGTATTTCTCCGAATTGCTCAA  
TACAGGGCAGGAATCGTCCCTGTTGCTTACAGAAGGGTACCCTGCAGGAGAAGG  
GGAGGCATTAGATTTACAATAAATGGGCACTCTTACTTCAACCTTGTACTAGTGA  
CTAATGTCGAAGGAGCTGGAGACGTTTCATGCAGTATACATAAAGGGATCAAGAA  
CACGGTGGCAGCCAATGTCAAGGAATTGGGGCCAAAACCTGGCAGAGCAACAAC  
ACCTTAATGGACAGACTCTATCTTTTAAAGTTGTCAGTGTGATGGCCGCAGTGT  
GGTGTCTATAACGTGCGCCCTTCCGGCTGGTCCTTTGGCCAGACTTATACTGGTA  
GACAGTTCGGGTAG

### Nucleotide

>DcEXPA-09

ATGGATACGAAGATCACTGGAATTGTAGTTTTGGGCTTCCTTTCAATTGTTTCTTC  
GGTGCAGGGGTATAACAGAGGTTGGATAAATGCTCATGCTACTTTCTATGGAGGA  
GGTGTATGCCTCCGGGACTATGGGTATGTTACACAACCTTATTTGTAATTATTTT  
TACATAATTTCAAATTTTGCAGTGTGCAACATTTGCCTCATAATGTACAAGCTAC  
CACTGCACACGAGACGTTGTATGCTGTTAAACTAATGCGAGTTTCTTTATGTAC  
GTAAGTGGCGGGGCTTGTGGATATGGAAATTTGTATGGCCAAGGATATGGGAC

GAACACAGCAGCACTAAGCACAGCTCTGTTTAAACAATGGATTGAGCTGTGGAGC  
ATGCTTTCAGATTGTCTGTGTTAACGATCCAAAGTGGTGTCTCCGTGGTGCAATCA  
TAGTCACCGCCACAACTTCTGTCCCTCCTGGTGGCTGGTGTGACCCTCCTAACCAC  
CACTTTGATCTCTCTCAGCCTGTATTTCTCCGAATTGCTCAATACAGGGCAGGAAT  
CGTCCCTGTTGCTTACAGAAGGTACCTTTTACCAAATAAATTTATAAATAAATTT  
TTCTAGAGTGCATCTGTCACTCATCAAGTAGACTGTAAAGGGATTTTATCTCTTTA  
GTGACTGCTTATCGTTTCTTTTAAATTTTGAGATTTATTCTCTCACTAAGCATTAGG  
TTCGAGACTAATGCTTTAACATCAGCAGAAAAGTCGTACTIONCAGTGCACAAGACTC  
TCACGTAGATAGAATGTACAGTGTTTTTTACCTTTATTTCTATAAAGGGACTGTTT  
GAACACATCACAGACACAAGGACTCAAGGAGTAGTTTTTACAATATACGAAAAT  
TAATTTTCTTTGACTTGCAAGTTACTTATCACTCAATACAGTCTAATCATTTATGG  
TGAATCCAGAATAACTTCAGTTAAAATTCTGCTGTGATGAAGATGAAAAAAGGTA  
ATAATACCGACAATTTCAGGTAGTAATTAATTTGTATGGATGTGTATTTCTGTAG  
GGTACCCTGCAGGAGAAGGGGAGGCATTAGATTTACAATAAATGGGCACTCTTA  
CTTCAACCTTGTACTAGTGACTAATGTCGAAGGAGCTGGAGACGTTTCATGCAGTA  
TACATAAAGGGATCAAGAACACGGTGGCAGCCAATGTCAAGGAATTGGGGCCAA  
AACTGGCAGAGCAACAACCTACCTTAATGGACAGACTCTATCTTTTAAAGTTGTCA  
CTAGTGATGGCCGCAGTGTGGTGTCTATAACGTCGCCCCTTCCGGCTGGTCCTTT  
GGCCAGACTTATACTGGTAGACAGTTCCGGTAG