

IDENTIFICATION

Species: *Daucus carota*

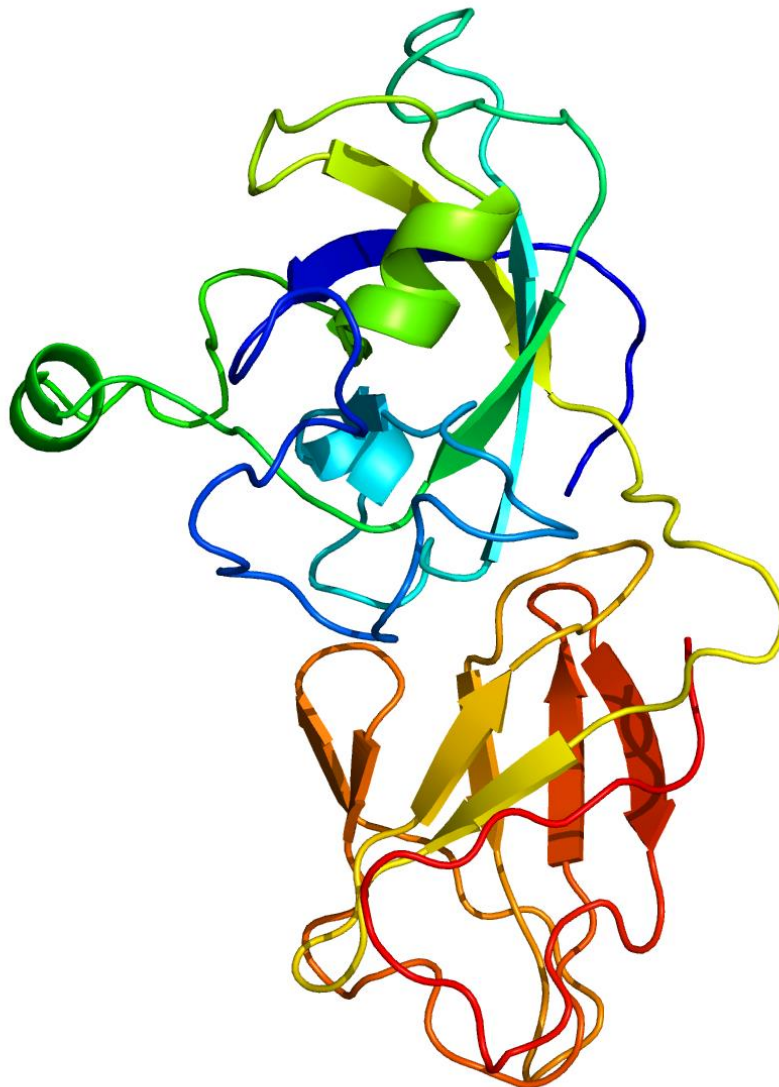
Locus: DCAR_028746

Gene Model: DCAR_028746

Description: DcEXPA-21

Family: Alpha Expansin

3D structure:



GENOME DATABASES

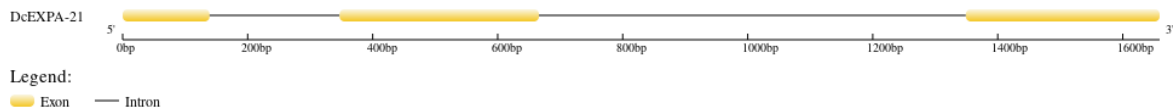
Phytozome: https://phytozome-next.jgi.doe.gov/info/Dcarota_v2_0

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

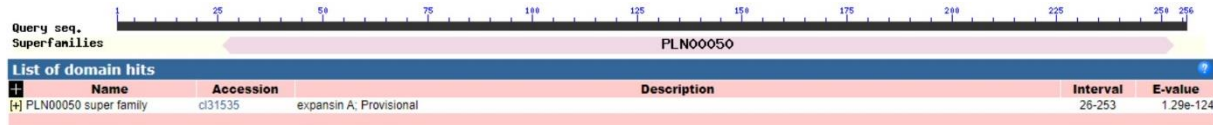
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>DcEXPA-21

MSFLRLLCIALLCTAATARIPGVYTGSDWQSAHATFYGGSDASGTMGGACGYGNLY
SQGYGVNTAALSTALFNEGLSCGACFEIKCNNDPQWCHPGNPSILVTATNFCPPNFAQ
PSDNGGWCNPPRTHFDLAMPMFLKIAEYKAGIVPVNYRRVPCRKSGGIRFTINGFSYF
NLVLVTNVAGAGDIQKVYIKGKTQWMPMSRNWQNWQSNVVLVGQALSFRVTGS
DRRTSTSNNIAPANWQFGKTYVGKNFRV*

CDS (coding sequence)

>DcEXPA-21

ATGTCCTTTCTAAGATTACTCTGCATTGCTCTTCTCTGCACCGCCGCCACCGCCCG
AATCCCCGGCGTTTACACCGGCAGCGACTGGCAAAGCGCCCACGCCACCTTCTAC
GGTGGCAGCGATGCCTCCGGCACCATGGGAGGTGCATGCGGATACGGGAATTTA
TACAGCCAAGGATACGGAGTGAACACAGCGGCATTAAGCACGGCCCTGTTTAAAC
GAAGGCTTAAGTTGCGGTGCATGTTTCGAAATAAAATGTAACAATGATCCACAAT
GGTGTACCCGGGTAACCCATCAATATTAGTGACCGCTACCAATTTTTGCCACC
CAACTTCGCCCAGCCCAGCGACAATGGCGGGTGGTGCACCCGCCCCGAACCCAT
TTCGATCTCGCCATGCCCATGTTTCTCAAGATTGCCGAGTATAAAGCCGGAATTGT
GCCCGTTAATTACCGCCGAGTTCCTGTTCGAAAGAGCGGAGGGATCAGGTTTACA
ATAAACGGATTTAGCTACTTCAATTTGGTGCTAGTAACAAACGTCGCGGGAGCCG
GTGACATTCAGAAGGTGTACATCAAAGGCACAAAACTCAATGGATGCCCATGA
GTCGAAACTGGGGGCAAAATTGGCAATCCAACCTCTGTTCTTGTGGGCCAGGCCCT
TTCCTTTAGAGTGACAGGCAGTGATCGTCGTACCTAACCTCAAACAACATCGCT
CCTGCGAATTGGCAGTTCGGCAAGACCTACGTTGGCAAGAACTTCAGGGTCTAA

Nucleotide

>DcEXPA-21

ATGTCCTTTCTAAGATTACTCTGCATTGCTCTTCTCTGCACCGCCGCCACCGCCCG
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GGTGGCAGCGATGCCTCCGGCACCATGGGTAACAACCTAAACATCCTACTTTAAA
CACATTTTTTATCCATCTCATTTAAGTATTTCCGTGACGGAATCAGGATCCCGAAT
AATTCACCTCCGTCCCACCAAATTCTAAATGCACATATATTTTTAATGACGGATT
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ACCCATCAATATTAGTGACCGCTACCAATTTTTGCCACCCAACCTTCGCCCAGCCC
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GAGTGGGCAAGAGGGGACTAGGGTGTAAACGCGTTTTTGCTACTTTAGTAAGAGCA
GTCAATTTGTCTTTTCTTGATTTGACAAAAGTGAGAACCAGATTCACAAGCATCA
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ACCATTCTTGATATTCAGATCTCGGAGTTAAGATAGTGGGCCAGGCTTGTGTGGA
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GCCCTTTCCTTTAGAGTGACAGGCAGTGATCGTTCGTACCTCAACCTCAAACAACA
TCGCTCCTGCGAATTGGCAGTTCGGCAAGACCTACGTTGGCAAGAACTTCAGGGT
CTAA