

IDENTIFICATION

Species: *Daucus carota*

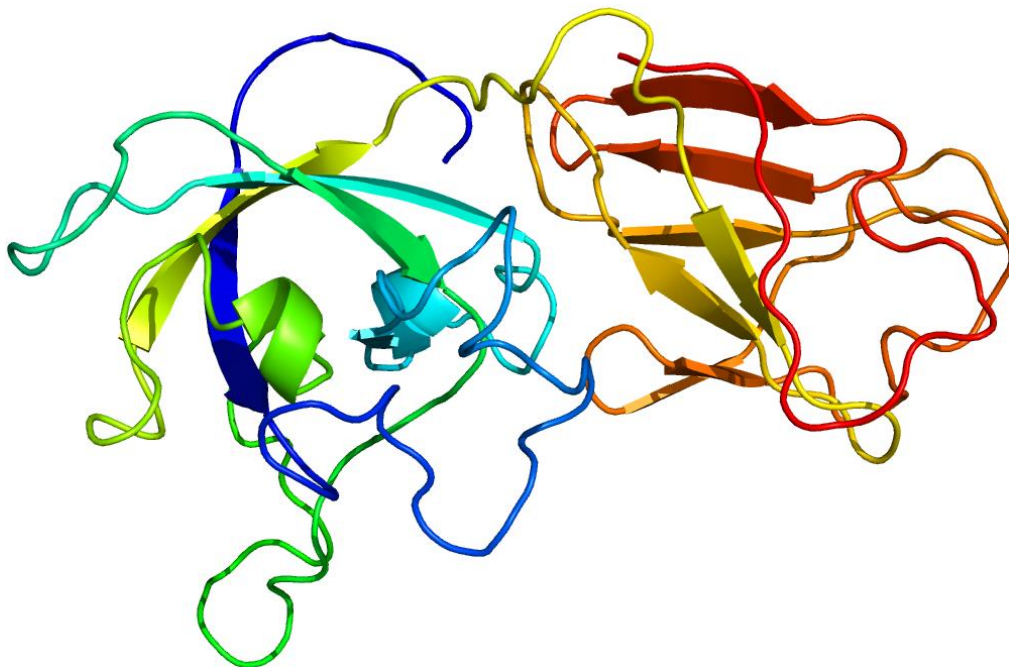
Locus: DCAR_019891

Gene Model: DCAR_019891

Description: DcEXPA-16

Family: Alpha Expansin

3D structure:



GENOME DATABASES

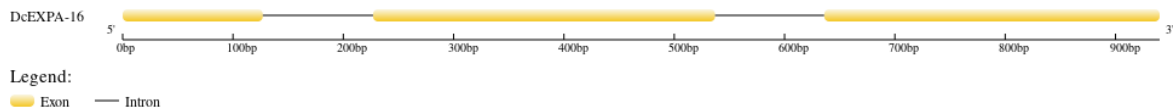
Phytozome: https://phytozome-next.jgi.doe.gov/info/Dcarota_v2_0

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

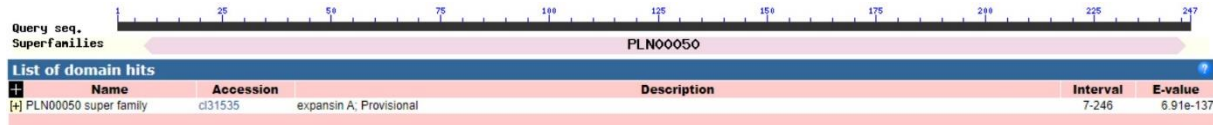
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>DcEXPA-16

MEHFNGLISVILLSFVAMKCVHGQWSDAHATFYGEADASGTMGGACGYGNLYSQ
YGTNTAALSTALFNTGLTCGACFEIKCVNVKWCLPGSITVTATNFCPPNSALPNNAG
GWCNPLKHFDLAQIFLHMAQYKAGIVPVQYRRVACRKSGGIRFTINGHSYFNLILV
TNVGGAGDVVSVAIKGSRTRWQRLSRNWGQNWQSNAFLDGQALSFKVRTSDGRAV
VSKNVAPSNWGFQTYTGKQF*

CDS (coding sequence)

>DcEXPA-16

ATGGAGCATTTC AATGGACTGATTT CAGTTATATTATTGTCATTCGTCGCGATGAA
ATGTGTTTCATGGACAATGGTCTGATGCTCATGCAACCTTCTACGGAGAAGCTGAT
GCTTCTGGTACAATGGGAGGAGCTTGC GGATATGGAAATCTTTATAGCCAGGGTT
ATGGTACGAACACAGCTGCCCTGAGTACTGCGCTGTTCAACACTGGCCTCACTTG
TGGAGCTTGCTTTGAGATCAAATGTGTGAATGTCAAGTGGTGTCTCCCTGGATCC
ATCACTGTGACTGCAACAACTTTTGCCCTCCAAACAGCGCTCTCCCGAACAAATG
CTGGAGGATGGTGTAACTCCTCCGTTGAAGCACTTTGATCTTGCACAGCCGATATT
CTTGCACATGGCTCAGTACAAAGCTGGAATAGTCCCTGTCCAATACAGAAGGGTT
GCTTGCAGAAAGAGCGGAGGGATCAGATCACTATTAACGGACACTCGTACTTCA
ACCTGATACTAGTGACCAATGTCTGGTGGGGCTGGTGTGATGTGGTGTCTGTCCGAT
CAAAGGCTCCAGAACTCGATGGCAACGATTGTCACGCAATTGGGGCCAGAACTG
GCAGAGCAATGCTTTCCTCGATGGCCAGGCTCTCTCTTTCAAGGTCCGGACGAGC
GATGGACGCGCCGTTGTTTCCAAGAACGTGGCTCCTTCTAACTGGGGCTTTGGCC
AGACTTACACTGGCAAACAGTTCTGA

Nucleotide

>DcEXPA-16

ATGGAGCATTTC AATGGACTGATTT CAGTTATATTATTGTCATTCGTCGCGATGAA
ATGTGTTTCATGGACAATGGTCTGATGCTCATGCAACCTTCTACGGAGAAGCTGAT
GCTTCTGGTACAATGGGTAAGGCTCGGACTCAGACTGAGATCCCCTGCATTGATT
TCTTTTCTTCGTGTATGTTTCGTGTCATGTAAGCTCATGTAGAGTTTGATGTGTAAT
GCAGGAGGAGCTTGC GGATATGGAAATCTTTATAGCCAGGGTTATGGTACGAAC
ACAGCTGCCCTGAGTACTGCGCTGTTCAACACTGGCCTCACTTGTGGAGCTTGCTT

TGAGATCAAATGTGTGAATGTCAAGTGGTGTCTCCCTGGATCCATCACTGTGACT
GCAACAAACTTTTGCCCTCCAAACAGCGCTCTCCCGAACAATGCTGGAGGATGGT
GTAATCCTCCGTTGAAGCACTTTGATCTTGCACAGCCGATATTCTTGCACATGGCT
CAGTACAAAGCTGGAATAGTCCCTGTCCAATACAGAAGGTATGCTTGAAAACATT
TAGCTGAAATCTCTGAATGCGCGTAAAATGCATATAAAACATCTTGAATTTCATA
GCTAATGTGCTGTTACAATTTTCACAGGGTTGCTTGCAGAAAGAGCGGAGGGATC
AGATTCACTATTAACGGACACTCGTACTTCAACCTGATACTAGTGACCAATGTCG
GTGGGGCTGGTGATGTGGTGTCTGTGCGCCATCAAAGGCTCCAGAACTCGATGGCA
ACGATTGTCACGCAATTGGGGCCAGAACTGGCAGAGCAATGCTTTCCTCGATGGC
CAGGCTCTCTTTCAAGGTCCGGACGAGCGATGGACGCGCCGTTGTTTCCAAGA
ACGTGGCTCCTTCTAACTGGGGCTTTGGCCAGACTTACACTGGCAAACAGTTCTG
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