

IDENTIFICATION

Species: *Daucus carota*

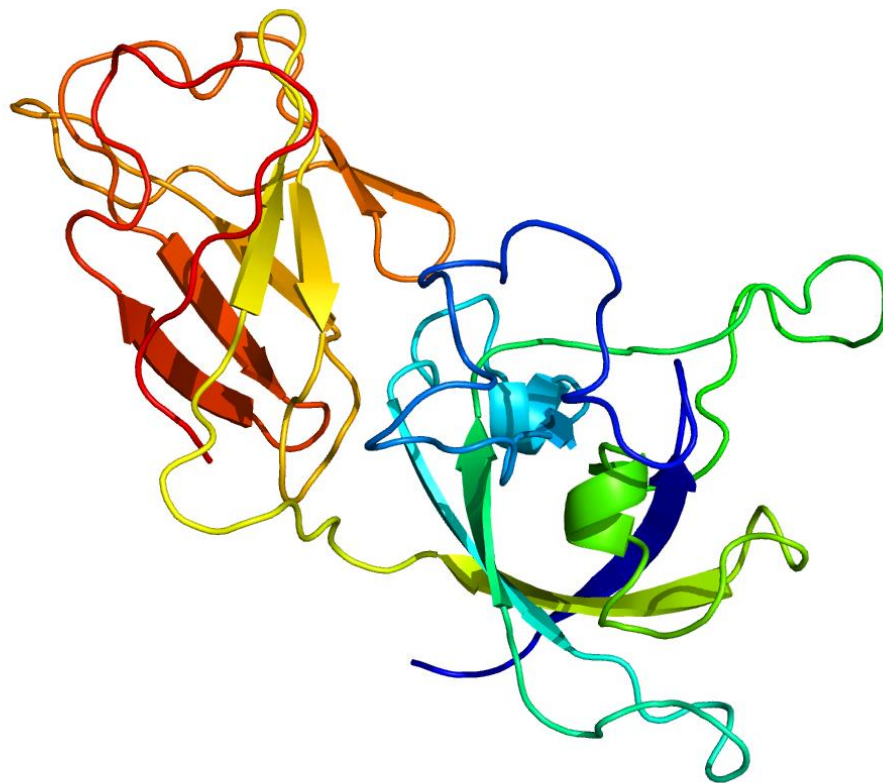
Locus: DCAR_013695

Gene Model: DCAR_013695

Description: DcEXPA-12

Family: Alpha Expansin

3D structure:



GENOME DATABASES

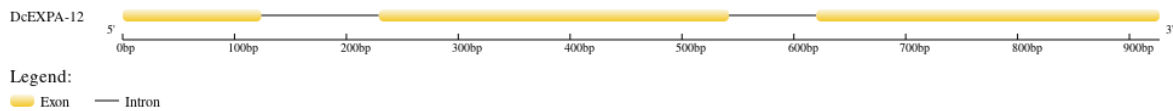
Phytozome: https://phytozome-next.jgi.doe.gov/info/Dcarota_v2_0

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

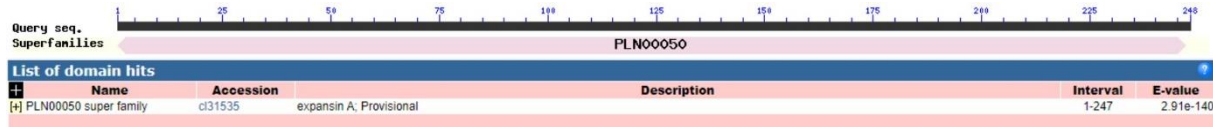
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>DcEXPA-12

MEHFALNFFIILSLATVKCTYAQWTSAHATFYGGGDASGTMGGACGYGNLYSQGYG
TNTAALSTALFNNGMTCGACFEIKCVNAGKWCLSGSIVVTATNFCPPNSALPNNNGG
WCNPPLQHFDLSQPIFQRIAQYKAGIVPVQYRRVACRKS GGIRFTINGHSYFNLVLITN
VGGAGDVVS SVKGSRSNNWQQLSRNWGQNWQSN SYLNGQALS FNVKTS DGRSVI
SNNVAPSNWGFQ TFTGKQF*

CDS (coding sequence)

>DcEXPA-12

ATGGAACATTTTGC ACTTAATTTCTTCATAATATTATCTCTAGCCACAGTGAAATG
TACTTATGCACAGTGGACTAGTGCTCATGCTACCTTCTATGGAGGTGGTGATGCTT
CCGGTACAATGGGAGGAGCTTGTGGGTATGGAAATCTGTATAGTCAAGGTTATGG
GACAAACACAGCTGCTCTGAGCACTGCCCTGTTCAACAATGGCATGACCTGTGGA
GCTTGT TTTGAAATCAAATGCGTAAATGCCGGCAAGTGGTGCCTCTCAGGATCCA
TTGTTGTC ACTGCGACTAATTTCTGTCCTCCAAACAGTGCGCTTCCTAACAATAAT
GGAGGGTGGTGT AATCCTCCATTGCAGCATTTTGATCTCTCCAGCCCATCTTTCA
GCGCATTGCTCAGTATAAAGCCGGAATTGTCCCTGTTCAATACAGAAGGGTTGCC
TGCAGAAAGAGTGGT GGAATACGATTC ACTATTAACGGGCACTCATACTTCAACC
TGGTGCTGATAACTAATGTTGGCGGTGCTGGTGATGTTGTTTCCGTGTCTGTCAA
GGCTCGAGGAGTAACA ACTGGCAACAATTGTGCGCAACTGGGGCCAAAATTGG
CAGAGCAACTCGTACCTTAATGGTCAGGCCCTCTCTTTCAATGTCAAACAAGCG
ATGGACGCTCTGTTATCTCTAACAATGTGGCTCCTTCTAATTGGGGTTTTGGTCAG
ACCTTCACCGGCAAACAATTCTAA

Nucleotide

>DcEXPA-12

ATGGAACATTTTGC ACTTAATTTCTTCATAATATTATCTCTAGCCACAGTGAAATG
TACTTATGCACAGTGGACTAGTGCTCATGCTACCTTCTATGGAGGTGGTGATGCTT
CCGGTACAATGGGTAAGTACTAAACATTTGCTGTAGTGTTAAGTTGTTTTGCTGAT
TTCGACATTTAAGTCGAAAAATTCATTGATTTTAACGTTCTGGTGGGCTTGTGATG
TTCAGGAGGAGCTTGTGGGTATGGAAATCTGTATAGTCAAGGTTATGGGACAAAC
ACAGCTGCTCTGAGCACTGCCCTGTTCAACAATGGCATGACCTGTGGAGCTTGT

TTGAAATCAAATGCGTAAATGCCGGCAAGTGGTGCCTCTCAGGATCCATTGTTGT
CACTGCGACTAATTTCTGTCCTCCAAACAGTGGCCTTCCTAACATAATGGAGGG
TGGTGTAATCCTCCATTGCAGCATTTTGATCTCTCCAGCCATCTTTCAGCGCAT
TGCTCAGTATAAAGCCGGAATTGTCCCTGTTCAATACAGAAGGTATTAACCACAT
TATATTGCATATATTTCCACAGACAATTAGATTCCGAATTGAGACTAATTGAAATT
TATTCACAGGGTTGCCTGCAGAAAGAGTGGTGGAATACGATTCACTATTAACGGG
CACTCATACTTCAACCTGGTGCTGATAACTAATGTTGGCAGGTGCTGGTGATGTTGT
TTCCGTGTCTGTCAAAGGCTCGAGGAGTAACAACCTGGCAACAATTGTCGCGCAAC
TGGGGCCAAAATTGGCAGAGCAACTCGTACCTTAATGGTCAGGCCCTCTCTTTCA
ATGTCAAACAAGCGATGGACGCTCTGTTATCTCTAACAAATGTGGCTCCTTCTAA
TTGGGGTTTTGGTCAGACCTTCACCGGCAAACAATTCTAA