

IDENTIFICATION

Species: *Daucus carota*

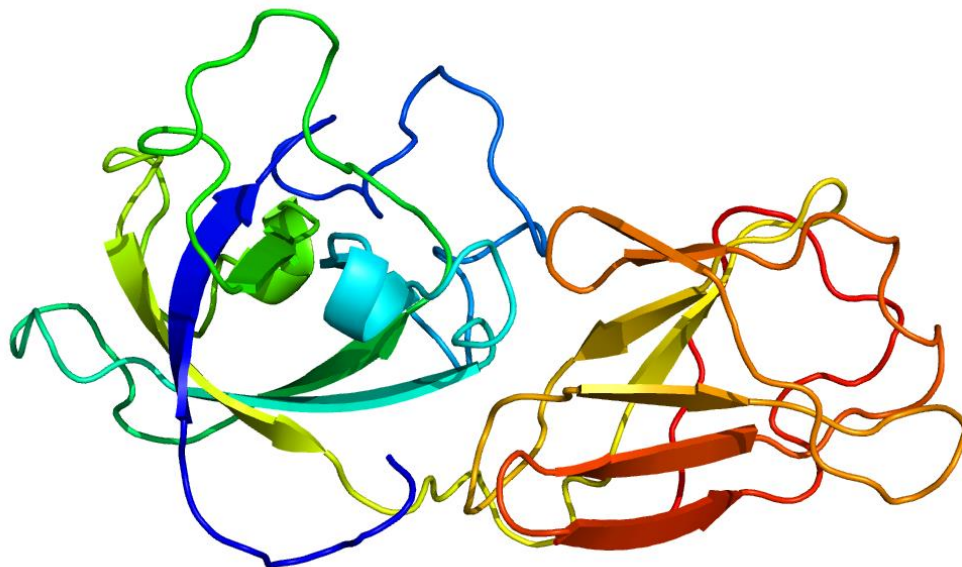
Locus: DCAR_026061

Gene Model: DCAR_026061

Description: DcEXPA-19

Family: Alpha Expansin

3D structure:



GENOME DATABASES

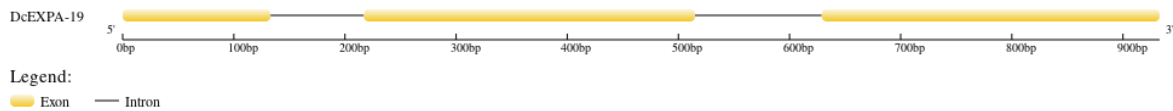
Phytozome: https://phytozome-next.jgi.doe.gov/info/Dcarota_v2_0

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

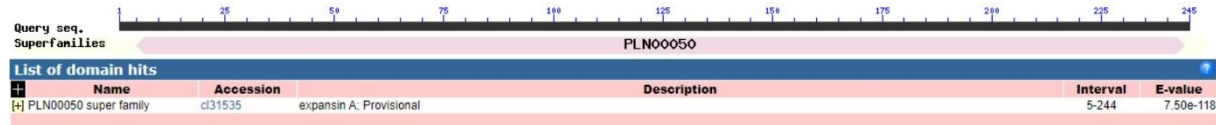
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>DcEXPA-19

MACRLVSTLGGILCLISLVHGFDDGSWMQGRATFYGGSDASGTMGGSCGYGNLFNT
GYGTDTAALSTVLFNDGFSCGACFELKCINSPRWCRSGSIIVTATNFCPPNDPGNWCD
PPQPHFDLSEPVFQKIADSTGGVVPVSYRRVPCEKKGGIRFTINGHSYFNLVLITNVAG
AGDIKAVSIKSGKTGWLAMSRNWGQNWQSYTLDDGQSLSFRTSSDGRVLECDNVA
PEGWSFGQTFSGGQF*

CDS (coding sequence)

>DcEXPA-19

ATGGCCTGCAGGCTTGTTTCTACACTAGGAGGCATCCTCTGTCTTATTTTCGCTTGT
TCATGGATTTGATGACGGAAGCTGGATGCAGGGCCGTGCCACCTTTTATGGAGGC
AGTGATGCTTCCGGCACTATGGGTGGATCTTGTGGATATGGAACTTGTTTAAACA
CAGGGTATGGGACGGATACTGCAGCACTAAGCACTGTGCTTTTTAATGATGGCTT
CAGCTGCGGAGCTTGCTTTGAGCTCAAGTGTATCAATCCCCGAGATGGTGCAGA
TCAGGGTCTATTATAGTCACCGCAACTAATTTCTGTCCTCCTAATGATCCTGGCAA
CTGGTGCGATCCTCCCAGCCTCATTTTGACCTTCTGAGCCTGTGTTCCAAAAAA
TTGCAGACTCTACTGGAGGAGTTGTTCCCTGTCTCTTACAGAAGGGTGCCTTGCGA
GAAGAAAGGAGGAATAAGATTCATAAAACGGACACTCATACTTCAACCTGGT
ACTCATCACAAACGTTGCAGGGGCGGGTGACATTAAGGCTGTATCGATAAAAGG
TTCAAAAACAGGTTGGCTAGCCATGTCAAGGAACTGGGGACAGAACTGGCAGAG
CTATACTTTACTTGATGGTCAGAGTCTGTCTTTCAGAGTCACTAGCAGCGATGGCC
GTGTTCTGGAGTGCGACAACGTTGCCCTGAAGGCTGGTCTTTCGGCCAGACCTT
CAGTGGCGGGCAATTCTAA

Nucleotide

>DcEXPA-19

ATGGCCTGCAGGCTTGTTTCTACACTAGGAGGCATCCTCTGTCTTATTTTCGCTTGT
TCATGGATTTGATGACGGAAGCTGGATGCAGGGCCGTGCCACCTTTTATGGAGGC
AGTGATGCTTCCGGCACTATGGGTACGTTGTTATGTATAACATTTTGTATTTTC
GAGGCTCATAAATATATTTATTAGCTGATCTGTGAAAATTTGGGAACAGGTGGAT
CTTGTGGATATGGAACTTGTTTAAACACAGGGTATGGGACGGATACTGCAGCACT
AAGCACTGTGCTTTTTAATGATGGCTTCAGCTGCGGAGCTTGCTTTGAGCTCAAGT

GTATCAATTCCCCGAGATGGTGCAGATCAGGGTCTATTATAGTCACCGCAACTAA
TTTCTGTCCTCCTAATGATCCTGGCAACTGGTGCATCCTCCCCAGCCTCATTG
ACCTTTCTGAGCCTGTGTTCCAAAAAATTGCAGACTCTACTGGAGGAGTTGTTCT
GTCTCTTACAGAAGGTCTTTAATTCTTTAATATAAAATTTAATAAACATAAATTC
AATATCTGATTCAGTCACCGTCATAAAATTTAGGAGAAGTGGTAACTTAACTGTA
CGTAATTTCTTGATTAGGGTGCCTTGCGAGAAGAAAGGAGGAATAAGATTCACTA
TAAACGGACACTCATACTTCAACCTGGTACTCATCACAAACGTTGCAGGGGCGGG
TGACATTAAGGCTGTATCGATAAAAGGTTCAAAAACAGGTTGGCTAGCCATGTCA
AGGAACTGGGGACAGAAGTGGCAGAGCTATACTTTACTTGTATGGTCAGAGTCTGT
CTTTCAGAGTCACTAGCAGCGATGGCCGTGTTCTGGAGTGCGACAACGTTGCCCC
TGAAGGCTGGTCTTTCGGCCAGACCTTCAGTGGCGGGCAATTCTAA