

IDENTIFICATION

Species: *Daucus carota*

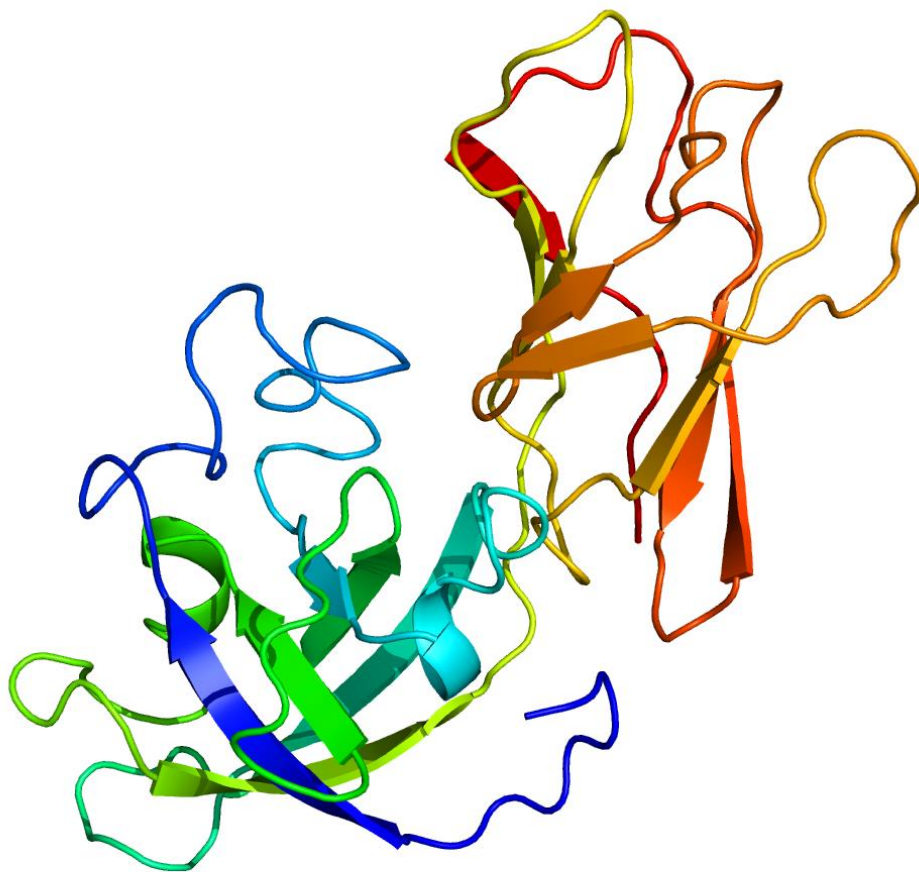
Locus: DCAR_005669

Gene Model: DCAR_005669

Description: DcEXPA-03

Family: Alpha Expansin

3D structure:



GENOME DATABASES

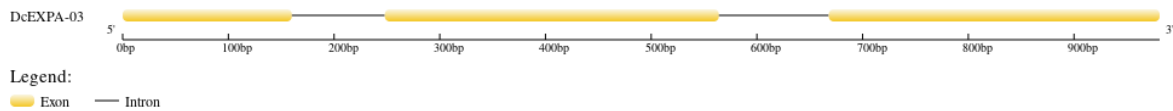
Phytozome: https://phytozome-next.jgi.doe.gov/info/Dcarota_v2_0

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

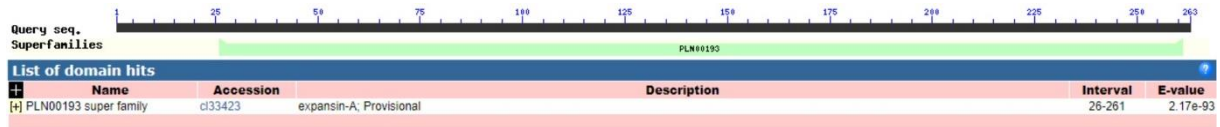
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>DcEXPA-03

MASFLQTWSIKPLIMAFVLMNLSKSIAVQIYRPGPWSLAHATFYGDESASATMGGAC
GYGNLFNNGYGVDTAALSSTLFGNGYACGTCYQIKCVYSPWCYKGSFYATITATNIC
PPNWSQDSNNGGWCNPPRTHFDMAKPAFMKIAQWKAGIVPVMYRRVPCVKRGGGLR
FTFQNGYWLLVYVMNVAGGGDVANMWVKGSRTGWISMHSNWGASYQAFATLG
GQALSFKLTSYTSRETIHAWNVAPANWNVGMTYKSWSNFH*

CDS (coding sequence)

>DcEXPA-03

ATGGCTTCTTTCCTTCAGACATGGAGCATCAAACCCCTGATTATGGCCTTTCTAGT
GATGAACTTGAGTAAATCGATTGCTGTACAAATTTATCGACCTGGGCCGTGGTCT
CTTGCTCATGCTACATTTTATGGTGATGAGTCCGCCTCTGCAACAATGGGAGGAG
CCTGCGGCTATGGGAACTTGTTCAACAATGGTTATGGTGTAGATACAGCAGCACT
GAGCTCAACATTGTTCAAAAACGGATATGCATGTGGAACCTTGTTATCAGATTAAG
TGCGTTTATTCTCCTTGGTGCTACAAAGGGTCGCCTTACGCGACCATAACAGCCA
CAAACATATGCCACCCAACCTGGTCTCAAGACTCTAACAATGGCGGGTGGTGCAA
CCCGCCAAGGACTCATTTTGACATGGCCAAACCTGCATTCATGAAAATTGCTCAG
TGGAAGGCTGGCATTGTCCCTGTCATGTACCGCAGAGTGCCATGTGTCAAACGAG
GTGGCCTGCGGTTCACTTTTCAAGGAAATGGCTATTGGCTTTTGGTGTATGTGATG
AATGTTGCAGGAGGTGGTGTATGTTGCAAATATGTGGGTAAAAGGTAGCAGAACA
GGATGGATTAGCATGAGCCACAACCTGGGGAGCTTCTTACCAGGCTTTCGCCACTT
TAGGAGGTCAAGCTCTTTCTTTCAAGCTCACTTCATACACTTCCAGAGAACTATA
ATTGCCTGGAATGTTGCCCTGCAAACCTGGAATGTCGGGATGACTTACAAATCAT
GGTCAAATTTCCATTGA

Nucleotide

>DcEXPA-03

ATGGCTTCTTTCCTTCAGACATGGAGCATCAAACCCCTGATTATGGCCTTTCTAGT
GATGAACTTGAGTAAATCGATTGCTGTACAAATTTATCGACCTGGGCCGTGGTCT
CTTGCTCATGCTACATTTTATGGTGATGAGTCCGCCTCTGCAACAATGGGTATGTG
TGCTATCTTATTTATCAAGTGAATGCAAATTTGTAAAATCTTGTCTGTTTTGTAA

TTTTTTTTGTTTGGTTGAAATTCAGGAGGAGCCTGCGGCTATGGGAACTTGTTCAA
CAATGGTTATGGTGTAGATACAGCAGCACTGAGCTCAACATTGTTCAAAAACGGA
TATGCATGTGGAACCTGTTATCAGATTAAGTGC GTTTATTCTCCTTGGTGCTACAA
AGGGTCGCCTTACGCGACCATAACAGCCACAAACATATGCCACCCAACCTGGTCT
CAAGACTCTAACAATGGCGGGTGGTGCAACCCGCCAAGGACTCATTTTGACATGG
CCAAACCTGCATTCATGAAAATTGCTCAGTGGAAGGCTGGCATTGTCCCTGTCAT
GTACCGCAGGTATGCATTACGTGCTTGAACCTTCGTTTAGTGAAACTTGCATTTCCA
CAAAATTTCTAACATGTCCTAAGAAGTCGAATTGACAAGTTTATTTGATTTTCCCA
GAGTGCCATGTGTCAAACGAGGTGGCCTGCGGTTCACTTTTCAAGGAAATGGCTA
TTGGCTTTTGGTGTATGTGATGAATGTTGCAGGAGGTGGTGATGTTGCAAATATG
TGGGTAAAAGGTAGCAGAACAGGATGGATTAGCATGAGCCACAACCTGGGGAGCT
TCTTACCAGGCTTTCGCCACTTTAGGAGGTCAAGCTCTTTCTTTCAAGCTCACTTC
ATACACTTCCAGAGAACTATAATTGCCTGGAATGTTGCCCTGCAAACCTGGAAT
GTCGGGATGACTTACAAATCATGGTCAAATTTCCATTGA