

IDENTIFICATION

Species: *Daucus carota*

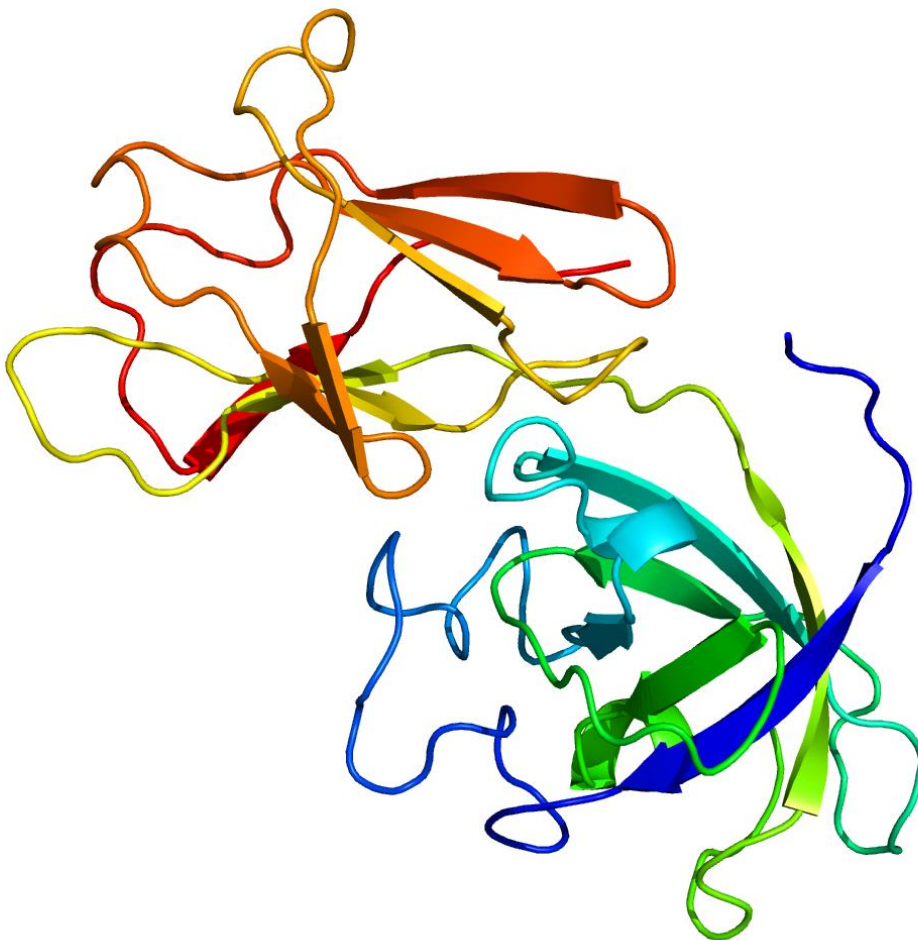
Locus: DCAR_000891

Gene Model: DCAR_000891

Description: DcEXPA-01

Family: Alpha Expansin

3D structure:



GENOME DATABASES

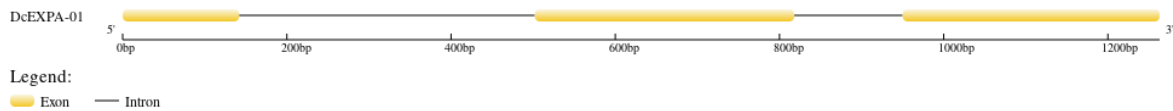
Phytozome: https://phytozome-next.jgi.doe.gov/info/Dcarota_v2_0

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

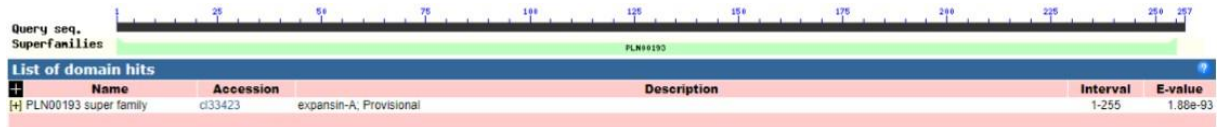
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>DcEXPA-01

MASFIAFLVFLVLAFLRKS LAVQIYRPGPWSLAHATFYGDETASATMGGACGYGNLF
NNGYGVDTAALSSTLFGNGYACGTCYQIKCVNSPWCYKGS PYATITATNICPPNWSQ
DSNNGGWCNPPRTHFDMAKPAFMKIAQWKAGIVPVMYRRVPCVKKDGLRFTFQGN
GYWLLVYVMNVAGGGDIANMWVKGSR TGWISMSHNW GASYQAFASLGGQALSFK
LTSYTSRETI IAWNVAPANWNVGLTYKAWKNFH*

CDS (coding sequence)

>DcEXPA-01

ATGGCTTCTTTCATCGCATTCCCTGGTGTTTGT TTTAGCAACATTTCTGAGGAAATC
CTTAGCTGTTCAAATATATCGACCCGGGCCATGGTCTCTTGCCCATGCCACGTTTT
ATGGCGACGAGACTGCATCTGCAACAATGGGAGGGGCTTGTGGATACGGAAACT
TGTTCAACAATGGTTATGGCGTCGATACAGCAGCACTGAGCTCGACTTTATTCAA
GAATGGATATGCATGTGGAAC TTGTTATCAGATAAAGTGTGTTAACTCTCCTTGG
TGCTACAAAGGGTCACCTTACGCGACAATTACAGCCACCAACATTTGTCCTCCCA
ACTGGTCTCAAGACTCCAACAACGGTGGTTGGTGCAATCCACCCCGTACTCACTT
CGACATGGCAAAGCCTGCTTTCATGAAGATTGCTCAATGGAAGGCTGGCATTGTC
CCTGT CATGTACCGAAGAGTGCCATGTGTCAAAAAGACGGCCTTCGATTCACGT
TTCAAGGGAATGGCTACTGGCTGTTGGTGTATGTGATGAATGTAGCTGGAGGAGG
AGATATTGCTAACATGTGGGTAAAAGGAAGCAGAACAGGGTGGATCAGCATGAG
CCACA ACTGGGGAGCTTCCCTACCAAGCTTTTGCATCGTTAGGAGGTCAAGCTCTT
TCATTCAAGCTCACTTCCCTACACTTCCAGAGAACTATCATTGCCTGGAATGTTGC
GCCTGCAA ACTGGAACGTCGGATTA ACTTACAAGGCATGGAAAAATTTTCATTAA

Nucleotide

>DcEXPA-01

ATGGCTTCTTTCATCGCATTCCCTGGTGTTTGT TTTAGCAACATTTCTGAGGAAATC
CTTAGCTGTTCAAATATATCGACCCGGGCCATGGTCTCTTGCCCATGCCACGTTTT
ATGGCGACGAGACTGCATCTGCAACAATGGGTATGAGTGCTATCTCAATGCATCT
GATATTTATTTCAAGTTGTTGCTTTTGGGAATGCTTGGGATTATGAAGTATATAA
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AAGAATCCTGAAGCTTCCCACTTTTTGACAACCTTAAAGTACAAATTTAGATTATTT
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TTCAAACATCTGAATATTTTCATTTTTGTAATGTTTCATAATTGGTTAAATTTGCA
GGAGGGGCTTGTGGATACGGAAACTTGTTCACAATGGTTATGGCGTCGATACAG
CAGCACTGAGCTCGACTTTATTCAAGAATGGATATGCATGTGGAACCTTGTTATCA
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ACAGCCACCAACATTTGTCCTCCCAACTGGTCTCAAGACTCCAACAACGGTGGTT
GGTGCAATCCACCCCGTACTCACTTCGACATGGCAAAGCCTGCTTTCATGAAGAT
TGCTCAATGGAAGGCTGGCATTGTCCCTGTCATGTACCGAAGGTAATTGCATAGA
CTACAGCTTGTACTTTTTGCATCCAAATTTTTACATTTTACCGAATCATCACTAGT
GATGTTAAAGATTAATACTTGAATTCTGAAAGTTTGATAAACTAATGTCCATTGA
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ATGGCTACTGGCTGTTGGTGTATGTGATGAATGTAGCTGGAGGAGGAGATATTGC
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GGGAGCTTCCTACCAAGCTTTTGCATCGTTAGGAGGTCAAGCTCTTTCATTCAAGC
TCACTTCCTACACTTCAGAGAACTATCATTGCCTGGAATGTTGCGCCTGCAAA
CTGGAACGTCGGATTAACCTACAAGGCATGGAAAAATTTTCATTAA