

IDENTIFICATION

Species: *Daucus carota*

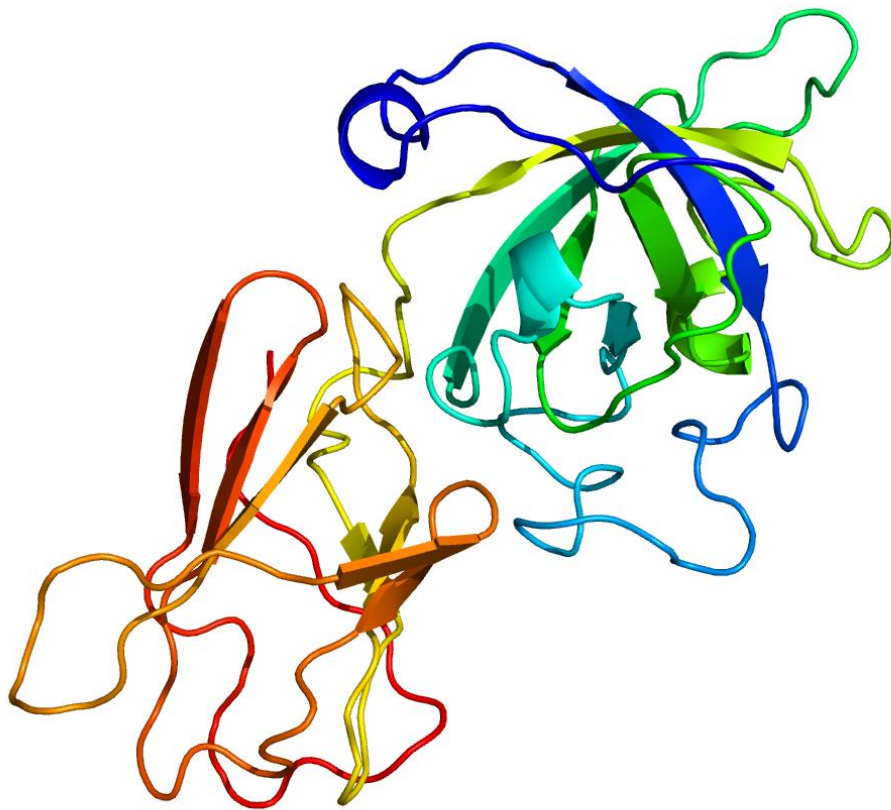
Locus: DCAR_017665

Gene Model: DCAR_017665

Description: DcEXPA-15

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>

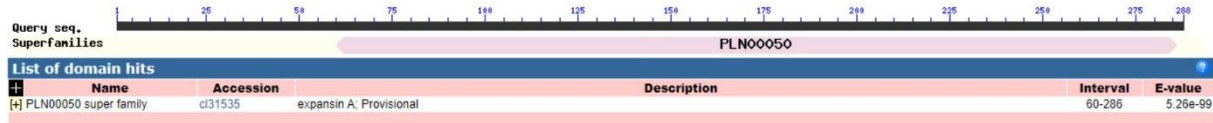
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>DcEXPA-15

MASTWRNMTCYSSLLVHVICMFLLLRNANCTSTIHPIYKAERSAALPGKHHKPRFQP
GPWKNAHATFYGGADGSGTMGGACGYEDLNQEGYGLQTTALSQVMFNNAQTCSA
CFEIKCAPEAGPNCKPGQPSLIVTATNLCPPNFAQSADDGGWCNPPREHFDIDQPAFL
QIAEYKAGIVPVQYRRVPCNKKGGIKFTITGNPYFTLVLVWNVGGAGDVTDVQVKG
DNEVKWTPMTRNWGQKWQTNVKLVGESLTFRVRASDGRSSTSWHVAPKDWQFGQ
TYQGKNFK*

CDS (coding sequence)

>DcEXPA-15

ATGGCTTCGACTTGGAGAAATATGACTTGTTATTCATCTCTGCTGGTTCATGTAAT
ATGCATGTTTCTATTGCTGCGTAATGCAAATTGTACCAGCACTATTCATCCTATAT
ATAAAGCAGAGAGATCAGCTGCATTGCCTGGTAAGCACCACAAGCCTCGGTTTCA
ACCAGGACCCTGGAAGAATGCCCATGCAACATTCTATGGAGGAGCTGATGGTTCC
GGGACTATGGGGGGTGCCTGTGGATACGAGGACCTAAATCAAGAAGGCTATGGC
TTACAGACTACAGCATTAAAGCCAGGTGATGTTCAACAATGCACAGACCTGCGGGG
CTTGT TTTGAAATCAAATGCGCGCCTGAGGCTGGACCAAACCTGCAAGCCAGGACA
GCCATCTCTGATTGTTACAGCCACCAATCTCTGCCACCAAACCTTTGCTCAATCAG
CTGATGATGGAGGATGGTGTAAACCCTCCGCGGGAGCATT TTTGACATCGACCAGCC
AGCATT TCTTCAGATTGCTGAGTACAAGGCTGGCATTGTTCTGTTCAATACAGA
AGGGTACCATGCAACAAGAAAGGGGGGATCAAGTTCACGATAACGGGGAAACCCT
TACTTCACCCTAGTTCTGGTATGGAACGTAGGGGGCGCCGGAGATGTGACGGATG
TGCAGGTGAAGGGTGATAACGAAGTGAAATGGACCCCATGACAAGGAATTGGG
GTCAGAAATGGCAAACCAATGTTAAATTAGTTGGGGAGTCGCTCACTTTCAGAGT
CAGAGCTAGTGATGGAAGATCCTCCACTTCATGGCATGTTGCCCAAAGGATTGG
CAGTTTGGTCAGACCTACCAGGGCAAGAACTTCAAGTAG

Nucleotide

>DcEXPA-15

ATGGCTTCGACTTGGAGAAATATGACTTGTTATTCATCTCTGCTGGTTCATGTAAT
ATGCATGTTTCTATTGCTGCGTAATGCAAATTGTACCAGCACTATTCATCCTATAT
ATAAAGCAGAGAGATCAGCTGCATTGCCTGGTAAGCACCACAAGCCTCGGTTTCA

ACCAGGACCCTGGAAGAATGCCCATGCAACATTCTATGGAGGAGCTGATGGTTCC
GGGACTATGGGTACGTAAACCAATATCATTACGAGTACATGATATAACTTAATT
ACTTTAATTTGTGAATGTGTTGATCTTATTAATTAATTGGTTACGAACTACAAACA
GGGGGTGCCTGTGGATACGAGGACCTAAATCAAGAAGGCTATGGCTTACAGACT
ACAGCATTAAAGCCAGGTGATGTTCAACAATGCACAGACCTGCGGGGCTTGTTTTG
AAATCAAATGCGCGCCTGAGGCTGGACCAAACCTGCAAGCCAGGACAGCCATCTC
TGATTGTTACAGCCACCAATCTCTGCCACCAAACCTTTGCTCAATCAGCTGATGAT
GGAGGATGGTGTAAACCCTCCGCGGGGAGCATTGTTGACATCGACCAGCCAGCATTTC
TTCAGATTGCTGAGTACAAGGCTGGCATTGTTCCCTGTTCAATACAGAAGGTAAACA
TATTTACATTGTCCTGACATGCATGCATGATTTTCAGACAAGGACTTTTGGTAGATT
GTAAACTCGAGTTCAAATAAATAACAAGTGCTTATATATGTGATACAGGGTACCA
TGCAACAAGAAAGGGGGGATCAAGTTCACGATAACGGGGAACCCTTACTTCACC
CTAGTTCTGGTATGGAACGTAGGGGGCGCCGGAGATGTGACGGATGTGCAGGTG
AAGGGTGATAACGAAGTGAAATGGACCCCATGACAAGGAATTGGGGTCAGAAA
TGGCAAACCAATGTTAAATTAGTTGGGGAGTCGCTCACTTTCAGAGTCAGAGCTA
GTGATGGAAGATCCTCCACTTCATGGCATGTTGCCCAAAGGATTGGCAGTTTGG
TCAGACCTACCAGGGCAAGAACTTCAAGTAG