

IDENTIFICATION

Species: *Daucus carota*

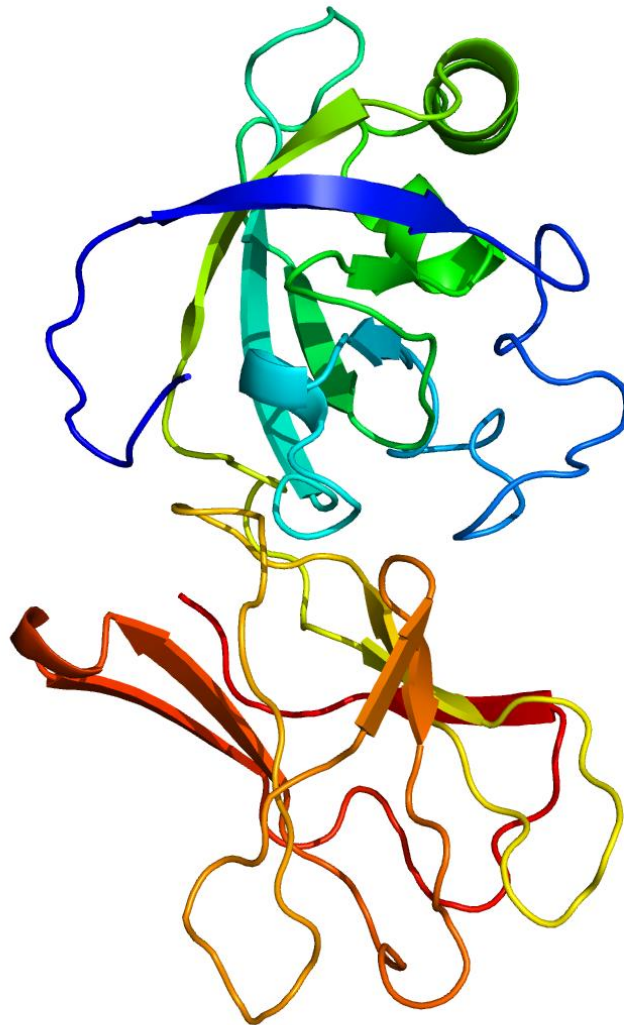
Locus: DCAR_024979

Gene Model: DCAR_024979

Description: DcEXLB-02

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

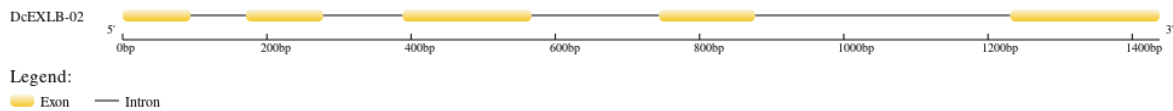
Phytozome: https://phytozome-next.jgi.doe.gov/info/Dcarota_v2_0

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

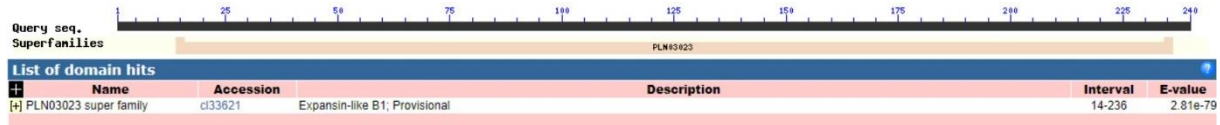
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>DcEXLB-02

MVYEGNAATCSNCF LHSQAVYYPNSDQHGTATGACGFGKFGAKINNGYVSAASSLF
RGGIGCGACYQVRCTNGNYCSDKGVNVVITDQSGPGEFILSRKAFGRMGETGHDA
KALLALGVVDIEYKRIPCSYPNKNIIVKIDEHSDYPY YLAFMLWNQQGMKDITAVQL
CEPKRFVCKLLSRSYGAVWATTSPPTGALAIRMLLSDDSGDEKWVAAANNLPKHWK
AGGT YDTGVQVNDQ*

CDS (coding sequence)

>DcEXLB-02

ATGGTCTACGAGGGGAATGCTGCAACATGTAGCAACTGTTTCCTGCATTCTCAAG
CAGTCTACTACCCTAACTCTGATCAACATGGAACAGCAACTGGAGCGTGTGGGTT
TGGTAAATTCGGAGCAAAGATCAATAACGGATATGTATCTGCTGCATCTAGTCTC
TTTCGAGGAGGCATTGGTTGTGGTGCTTGCTATCAGGTGAGGTGCACCAATGGTA
ACTATTGTTTCAGACAAAGGAGTGAATGTGGTGATAACTGACCAGGGATCGGGTCC
AGGAGAGTTCATTCTGAGCAGGAAAGCATTGTTGTTGATATTGAATATAACGGATTC
CGATGCTAAAGCCCTATTAGCCCTTGGTGTGTTGATATTGAATATAACGGATTC
CATGCAGCTATCCAAACAAAATATCATCGTCAAGATTGATGAACACAGTGACTA
TCCTTATTACTTGGCTTTTATGTTATGGAATCAACAAGGCATGAAGGATATTACTG
CAGTCCAGTTATGTGAGCCAAAAGATTTGTGTGCAAGCTATTGAGTCGAAGCTA
TGGAGCAGTGTGGGCAACTACCTCGCCACCCACCGGGGCCTTGGCGATAAGAAT
GCTACTCAGTGATGATAGTGGAGACGAAAATGGGTAGCTGCAGCTAATAACTT
GCCGAAACACTGGAAGGCTGGAGGAACATATGACACAGGAGTACAAGTTAATGA
CCAGTAA

Nucleotide

>DcEXLB-02

ATGGTCTACGAGGGGAATGCTGCAACATGTAGCAACTGTTTCCTGCATTCTCAAG
CAGTCTACTACCCTAACTCTGATCAACATGGAACAGCAAGTAAGAATCCTAACCT
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TGCAGCTGGAGCGTGTGGGTTTGGTAAATTCGGAGCAAAGATCAATAACGGATAT
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TCATCGTCAAGATTGATGAACACAGTGAATCCTTATTACTTGGCTTTTATGTTA
TGGAATCAACAAGGCATGAAGGATATTACTGCAGTCCAGTTATGTGAGGTATGGC
CCGCATATCTTTCCGATATTCATATCTTTCAATTGTTATCCATTCGGATGCCTACAT
TGTAATCTAGGTTCTCAAAGATCAAAGAAAATCCTATTTTGCAAACAAAGTCA
AGAGCAGGTTGTAAAATGTTTTTTAAGTGTGTGTGAAACTGGGTGGTTTATGGA
CCTCATAAAAGTGATGTATGCACCTGATAAACTAAGGCAGTAAGGAACTCTTAAC
ACTTAAAAGCACTTAACAAGCAATTTAGGGAGCTTTTTAGAAATGGAGAGGCAGAT
TTGCAGTGTTATAAGAACATTTTCGGGGGGTTTTTCATGATGTTGAATATTAAGAGA
CGAATTCATTGGCAGCCAAAAGATTTGTGTGCAAGCTATTGAGTCGAAGCTATG
GAGCAGTGTGGGCAACTACCTCGCCACCCACCGGGGCCTTGGCGATAAGAATGCT
ACTCAGTGATGATAGTGGAGACGAAAAATGGGTAGCTGCAGCTAATAACTTGCC
GAAACACTGGAAGGCTGGAGGAACATATGACACAGGAGTACAAGTTAATGACCA
GTAA