

IDENTIFICATION

Species: *Daucus carota*

Locus: DCAR_027423

Gene Model: DCAR_027423

Description: DcEXPA-23

Family: Alpha Expansin

3D structure:



GENOME DATABASES

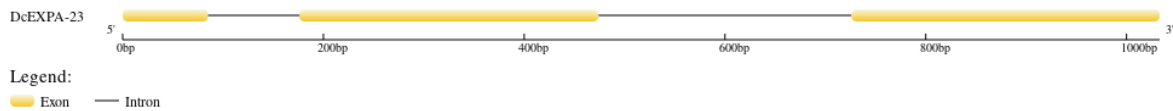
Phytozome: https://phytozome-next.jgi.doe.gov/info/Dcarota_v2_0

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

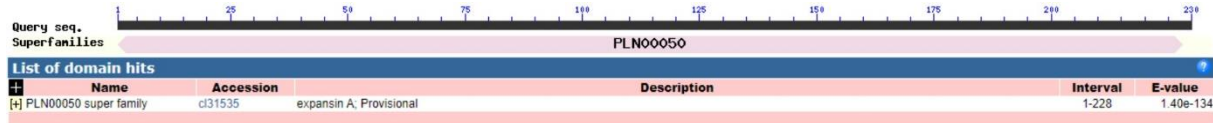
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>DcEXPA-23

MASSVQGYGGWSGAHATFYGGGDASGTMGGACGYGNLYSQGYGTNTAALSTALF
NNGLSGCGSCYEIKCVNDNQWCLPGSIMVTATNFCPPNSDGGWCNPPNQHFDSLQPIF
QHIAQYKAGIVPVSYRRVPCQRRGGIRFQINGHSYFNLVLTNVGGAGDVHAVSIKG
SRTGWQPMsrnwGQNWQSNnyLNgQsLsFkVtTSDgRtVIsnnVAPASWSFGQTFs
GAQFH*

CDS (coding sequence)

>DcEXPA-23

ATGGCCTCCTCTGTTCAAGGATATGGAGGTTGGTCTGGTGCTCATGCCACCTTCTA
TGGTGGGGGTGATGCCTCAGGCACAATGGGTGGGGCTTGTGGATATGGGAATCTG
TACAGCCAAGGTTATGGAACAAACACTGCAGCTTTGAGTACTGCTCTGTTCAACA
ATGGGTTAAGCTGTGGGTCTTGCTATGAGATTAAGTGTGTTAATGACAATCAATG
GTGTCTGCCTGGCTCCATCATGGTCACTGCAACTAACTTCTGTCCACCCAACAGTG
ATGGAGGCTGGTGTAAATCCTCCCAACCAGCACTTTGACCTCTCCAGCCTATTTTC
CAACACATTGCTCAATACAAAGCTGGCATAGTCCCTGTTTCCTACAGGAGGGTAC
CATGCCAGAGGAGGGGAGGCATAAGGTTTCAAATAAATGGTCATTCTTACTTCAA
CTTGGTTTTAGTCACAAATGTTGGTGGTGTCTGGAGATGTTTCATGCTGTTTCAATCA
AAGGATCAAGGACTGGTTGGCAACCAATGTCAAGAACTGGGGACAGAAGTGGC
AGAGCAACAAGTATCTCAATGGTCAATCTCTGTCTTTCAAGGTCACCACAAGTGA
TGGAAGAAGTGTATTTCTAACAATGTTGCTCCAGCTAGCTGGTCCTTTGGCCAGA
CATTCAAGTGGAGCTCAATTCCACTAG

Nucleotide

>DcEXPA-23

ATGGCCTCCTCTGTTCAAGGATATGGAGGTTGGTCTGGTGCTCATGCCACCTTCTA
TGGTGGGGGTGATGCCTCAGGCACAATGGGTATGTCAAAAATTAGATAAAAAGT
AAAAATAATTTTTAACTTTTTTTTTTTGGCCTTCTCTAATGATTTGGTGTGGGGA
CTATTATAGGTGGGGCTTGTGGATATGGGAATCTGTACAGCCAAGGTTATGGAAC
AAACTGCAGCTTTGAGTACTGCTCTGTTCAACAATGGGTTAAGCTGTGGGTCT
TGCTATGAGATTAAGTGTGTTAATGACAATCAATGGTGTCTGCCTGGCTCCATCAT
GGTCACTGCAACTAACTTCTGTCCACCCAACAGTGATGGAGGCTGGTGTAAATCCT

CCCAACCAGCACTTTGACCTCTCCCAGCCTATTTTCCAACACATTGCTCAATACAA
AGCTGGCATAGTCCCTGTTTCCTACAGGAGGTGAACCCTCTAATCCTTGCTACAG
GCTCGGTCGAAATAAGTCACTTATTTCCAGAAAAAATATATGAATATTTATTTTT
TATGGAAATAAGTGACTTATTTATGCAAATAAGACATATAAAATATTTATTA
AAATTTGACACTAACAAATATTTTGTAATGCGAAACCCAAAATAAGTATCTTTTT
ATAAAATAAGGTCAGTCAAACAAGCTGATACTAATGAAATCTTGGTTTTGGTTG
AACAGGGTACCATGCCAGAGGAGGGGAGGCATAAGGTTTCAAATAAATGGTCAT
TCTTACTTCAACTTGGTTTTAGTCACAAATGTTGGTGGTGCTGGAGATGTT
CATGCTGTTTTCAATCAAAGGATCAAGGACTGGTTGGCAACCAATGTCAAGAACTGGGG
ACAGAACTGGCAGAGCAACA
ACTATCTCAATGGTCAATCTCTGTCTTTCAAGGTC
ACCACAAGTGATGGAAGAACTGTTATTTCTAACAATGTTGCTCCAGCTAGCTGGT
CCTTTGGCCAGACATTCAGTGGAGCTCAATTCCACTAG