

IDENTIFICATION

Species: *Capsella grandiflora*

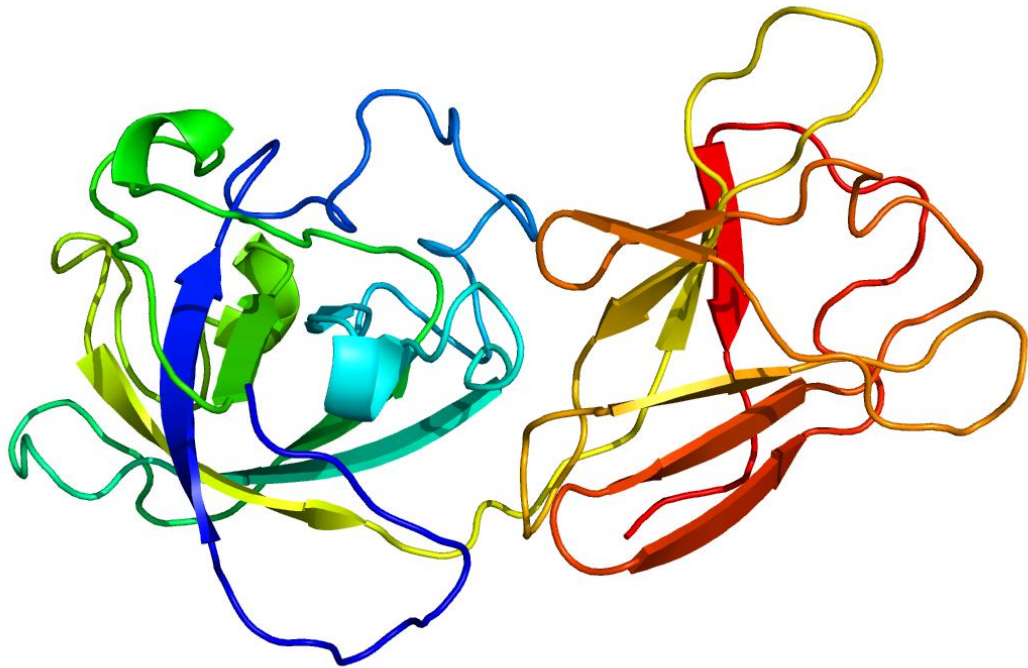
Locus: Cagra.20943S0002

Gene Model: Cagra.20943S0002.1.p

Description: CgrEXPA-24

Family: Alpha Expansin

3D structure:



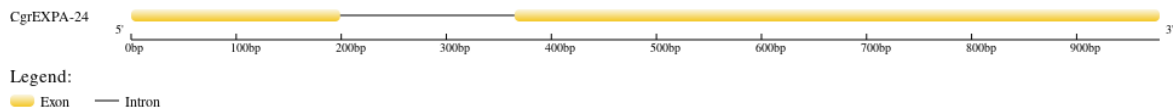
GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Cgrandiflora_v1_1

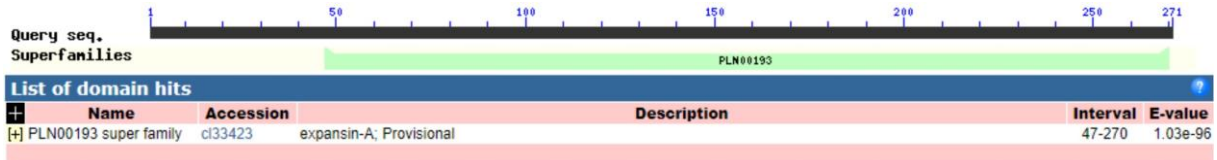
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CgrEXPA-24

MKLLEKMIYVECFMLIMVTCFVLSLGDIDDVAEAPMIGHDGNGLDTSWYDARATF
YGDVHGVGTQQGACGYGDLFKQGYGLETAALSTALFNNGYTCGACYEIMCTRAPQ
WCWPGSIKITATNFCPPDYTKTRDIWCNPPQKHFDLSQPMFLKIAKYRAGVVPVRYR
RIPCAKAGGVKFKELKGNPYFLIVLPYNVGGAGDIKYVQVKGTRTGWITMSKNWGQN
WTTGVVLTGQGLSLRITTSDGITKDFINVPPSWGFGQTFDGKFNF*

CDS (coding sequence)

>CgrEXPA-24

ATGAAACTCTTAGAAAAAATGATATATGTAGAATGTTTTATGTTAATTATGGTGA
CATGTTTCGTATCTTTGAGTCTTGGTGACATAGATGATGTAGCCGAAGCACCCAT
GATTGGTCATGATGGCAACGGGCTCGACACTTCTTGGTATGACGCACGAGCCACG
TTTTACGGTGATGTCCATGGTGTAGGCACTCAACAGGGAGCTTGTGGATATGGTG
ATCTATTCAAACAAGGCTATGGTCTAGAGACAGCAGCATTAAAGCACGGCACTCTT
CAACAACGGATACACATGCGGGGCTTGTACGAGATCATGTGTACACGTGCTCCA
CAATGGTGTTGGCCCGGATCTATCAAGATCACAGCAACAAATTTCTGTCCACCAG
ATTACACCAAAACTAGAGACATTTGGTGTAAATCCACCACAAAACACTTTGATCT
CTCCCAACCAATGTTCCCTCAAGATCGCCAAGTACAGAGCCGGGGTTGTCCCGGTT
AGATACAGACGTATTCCTTGTGCAAAAAGCCGGTGGTGTCAAGTTTGA ACTCAAAG
GTAACCCTTATTTCTTGATAGTCTTGCCATACAATGTAGGCGGAGCGGGAGATAT
TAAGTACGTGCAAGTCAAGGGAACAAGGACCGGGTGGATAACAATGAGTAAGAA
TTGGGGACAAA ACTGGACCACTGGTGTGATTGACCGGCCAAGGTTTATCATTG
AGGATTACGACAAGTGATGGGATTACAAAGGATTTTATCAATGTAGTTCCACCAA
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Nucleotide

>CgrEXPA-24

ATGAAACTCTTAGAAAAAATGATATATGTAGAATGTTTTATGTTAATTATGGTGA
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CAATGGTGTTGGCCCGGATCTATCAAGATCACAGCAACAAATTTCTGTCCACCAG
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AGATACAGACGTATTCCTTGTGCAAAAGCCGGTGGTGTCAAGTTTGAAC TCAAAG
GTAACCCTTATTTCTTGATAGTCTTGCCATACAATGTAGGCGGAGCGGGAGATAT
TAAGTACGTGCAAGTCAAGGGAACAAGGACCGGGTGGATAACAATGAGTAAGAA
TTGGGGACAAA ACTGGACCACTGGTGTGTATTGACCGGCCAAGGTTTATCATTG
AGGATTACGACAAGTGATGGGATTACAAAGGATTTTATCAATGTAGTTCCACCAA
GTTGGGGATTTGGTCAAAC TTTGATGGAAAATTTAACTTTTAG