

IDENTIFICATION

Species: *Capsella grandiflora*

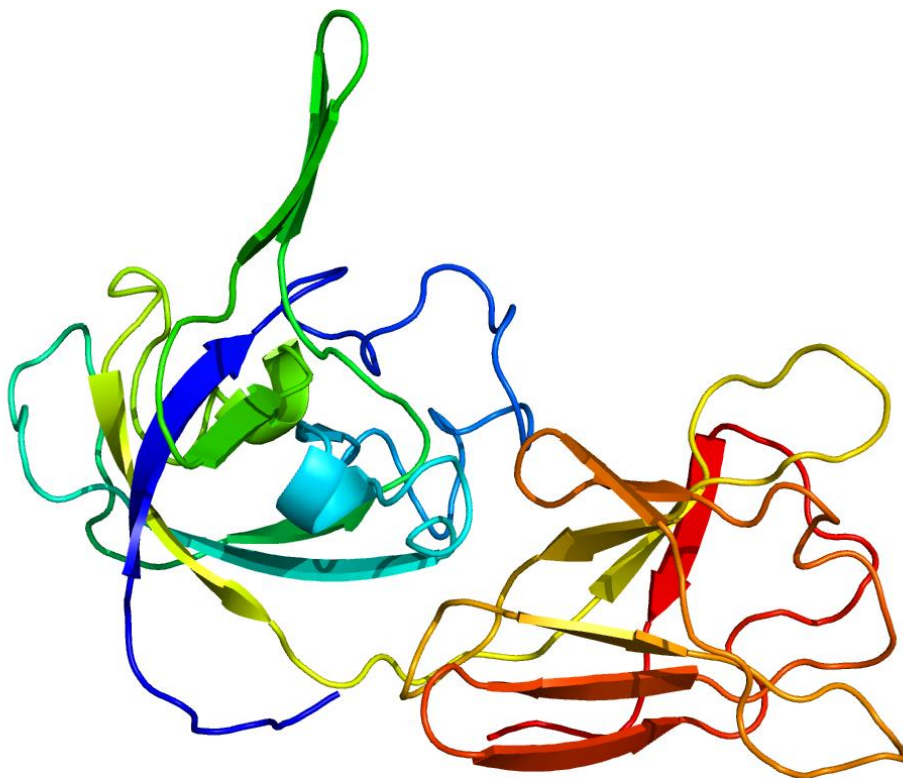
Locus: Cagra.0334S0008

Gene Model: Cagra.0334S0008.1.p

Description: CgrEXPA-03

Family: Alpha Expansin

3D structure:



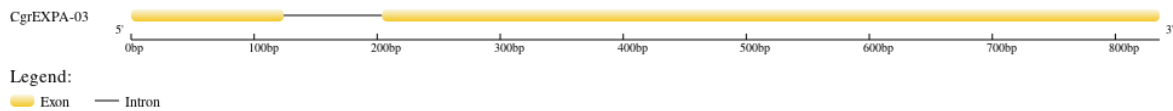
GENOME DATABASES

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

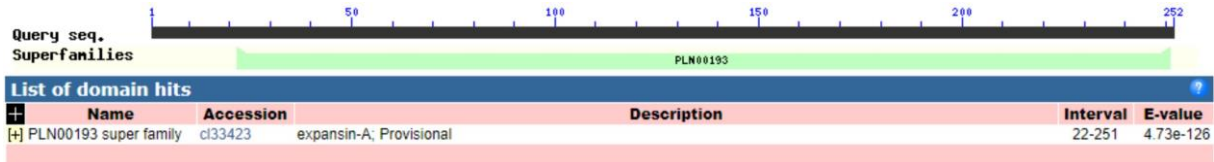
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CgrEXPA-03

MTKICSLLVAVIFSMTISSVSAGWLKAHATFYGGSDASGTMGGACGYGNLYTDGYK
TNTAALSTALFNDGKSCGGCYQIVCDATKVPQWCLRGRSITITATNFCPPNFAQASDN
GGWCNPPRPHFDMAQPAFLTIKAKYKAGIVPILYKRVGCRRSGGMRFTMNGRNYFEL
VLISNVAGAGEISKVWIKGSKSNKWETMSRNWGANFQSNTYLNQSLSFKVQLSNG
RIKAALNVVPSNWRFGQSFKSNINF*

CDS (coding sequence)

>CgrEXPA-03

ATGACGAAGATTTGCTCTCTTTTGGTTCGCAGTGATCTTCTCCATGACGATCAGCTC
AGTTTCTGCTGGTTGGTTGAAGGCTCATGCAACCTTCTATGGCGGTAGTGATGCTT
CTGGTACAATGGGTGGAGCTTGTGGTTATGGGAACCTATACACAGACGGTTACAA
GACAAACACTGCAGCGCTCAGCACAGCACTGTTCAACGACGGCAAGTCATGCGG
TGGATGTTACCAAATCGTGTGCGACGCTACCAAAGTACCACAATGGTGTCTCAGA
GGCAGATCAATCACAATCACAGCCACAACTTCTGTCCACCAAACCTTTGCTCAGG
CAAGTGACAATGGAGGATGGTGCAACCCACCGAGACCTCACTTCGACATGGCTC
AGCCTGCGTTTCTCACCATCGCCAAGTACAAAGCTGGAATCGTACCCATTCTTTAC
AAAAGAGTTGGGTGCAGAAGAAGCGGAGGGATGAGGTTTACAATGAACGGTAGG
AACTATTTTCGAGCTTGTCTCATCTCAAACGTAGCAGGAGCTGGTGAGATCTCTA
AAGTTTGGATCAAAGGATCTAAGAGCAACAAATGGGAGACAATGTCAAGAACT
GGGGAGCTAATTTCCAGAGCAAACTTACCTTAATGGTCAATCTCTATCTTTCAA
AGTTCAACTCAGCAATGGAAGAATCAAAGCAGCTCTCAACGTTGTTTCCTTCGAAC
TGGCGGTTTGGTCAGAGCTTCAAGAGCAACATCAACTTCTGA

Nucleotide

>CgrEXPA-03

ATGACGAAGATTTGCTCTCTTTTGGTTCGCAGTGATCTTCTCCATGACGATCAGCTC
AGTTTCTGCTGGTTGGTTGAAGGCTCATGCAACCTTCTATGGCGGTAGTGATGCTT
CTGGTACAATGGGTAAGTCTCTCATTA ACTACATATGAAGTCTCTCTTTCTTCTTT
GTCAAGAAACCTCTCATAATTTTTATCTTCTTCAGGTGGAGCTTGTGGTTATGGG
AACCTATACACAGACGGTTACAAGACAAACACTGCAGCGCTCAGCACAGCACTG

TTCAACGACGGCAAGTCATGCGGTGGATGTTACCAAATCGTGTGCGACGCTACCA
AAGTACCACAATGGTGTCTCAGAGGCAGATCAATCACAATCACAGCCACAACTT
CTGTCCACCAAACCTTTGCTCAGGCAAGTGACAATGGAGGATGGTGCAACCCACCG
AGACCTCACTTCGACATGGCTCAGCCTGCGTTTTCTCACCATCGCCAAGTACAAAG
CTGGAATCGTACCCATTCTTTACAAAAGAGTTGGGTGCAGAAGAAGCGGAGGGA
TGAGGTTTACAATGAACGGTAGGAACTATTTTCGAGCTTGTTCTCATCTCAAACGT
AGCAGGAGCTGGTGAGATCTCTAAAGTTTGGATCAAAGGATCTAAGAGCAACAA
ATGGGAGACAATGTCAAGAACTGGGGAGCTAATTTCCAGAGCAACACTTACCTT
AATGGTCAATCTCTATCTTTCAAAGTTCAACTCAGCAATGGAAGAATCAAAGCAG
CTCTCAACGTTGTTCCCTTCGAACTGGCGGTTTTGGTCAGAGCTTCAAGAGCAACAT
CAACTTCTGA