

IDENTIFICATION

Species: *Capsella grandiflora*

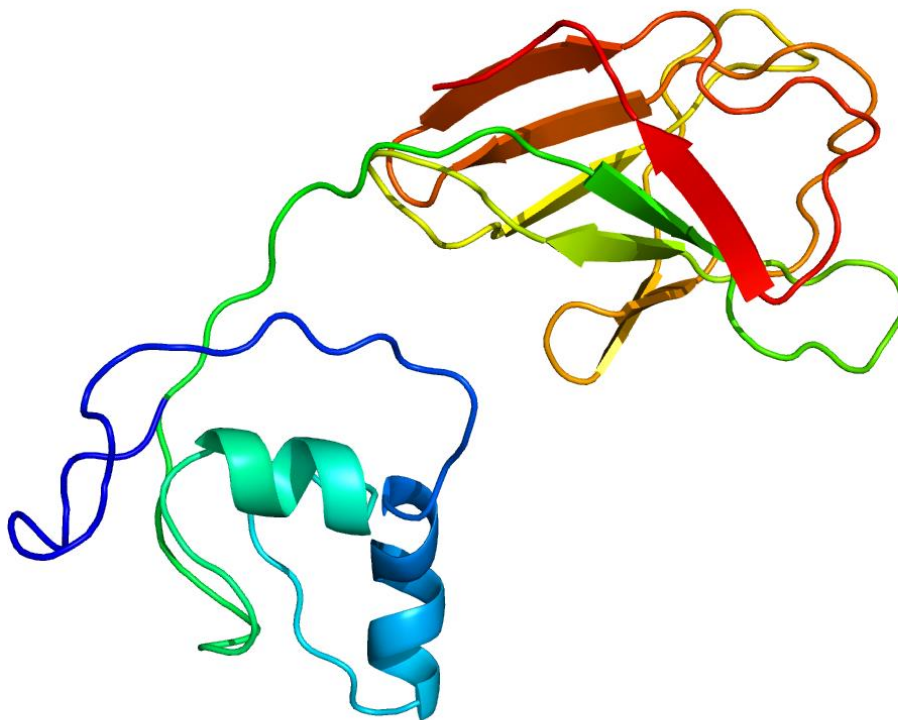
Locus: Cagra.20943S0001

Gene Model: Cagra.20943S0001.1.p

Description: CgrEXPA-23

Family: Alpha Expansin

3D structure:



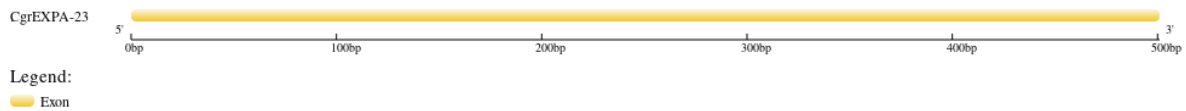
GENOME DATABASES

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

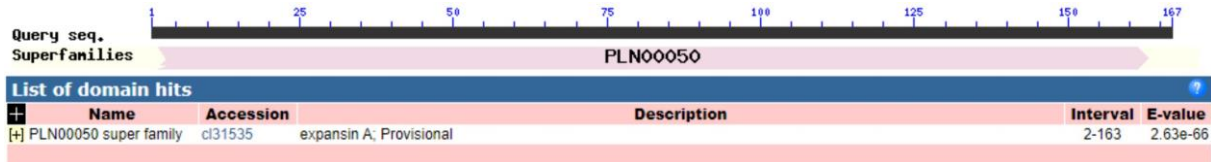
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CgrEXPA-23

MCANNPQWCLPGSIKITATNFCPANYSKTQDIWCNPPQKHFDLSLAMFLKIAQYKAG
VVPVRYRRIPC VKTGGVKFETTGNPYFLMILPYNVGGAGDIKYVQIKGNNTGWITMS
KNWGQHWTTNVVLVGQGLSFRVTTSDGITKEFWNVAPKNWGFGQTFDGRINF*

CDS (coding sequence)

>CgrEXPA-23

ATGTGCGCGAATAATCCACAATGGTGTTTGCCCGGATCCATCAAGATCACCGCTA
CAAACCTTCTGTCCAGCAAATTACAGCAAACCCAAGACATTTGGTGCAACCCACC
ACAGAAACACTTTGATCTCTCTCTAGCCATGTTCCCTCAAGATCGCTCAGTACAAA
GCCGGGGTTGTCCCAGTTAGATACAGACGTATTCCTTGTGTGAAAACAGGTGGTG
TCAAGTTCGAAACTACAGGAAATCCATACTTCTTGATGATCTTGCCTTACAATGTA
GGAGGAGCCGGAGATATTAAGTATGTGCAAATTAAGGGAAACAATACAGGGTGG
ATAACAATGTCAAAGAACTGGGGACAACATTGGACCACTAATGTTGTATTGGTTCG
GGCAAGGTTTATCGTTCAGGGTTACGACGAGTGACGGGATTACAAAAGAATTTTG
GAATGTGGCTCCAAAGAACTGGGGTTTTGGCCAGACGTTTGATGGAAGGATTAAC
TTTTAA

Nucleotide

>CgrEXPA-23

ATGTGCGCGAATAATCCACAATGGTGTTTGCCCGGATCCATCAAGATCACCGCTA
CAAACCTTCTGTCCAGCAAATTACAGCAAACCCAAGACATTTGGTGCAACCCACC
ACAGAAACACTTTGATCTCTCTCTAGCCATGTTCCCTCAAGATCGCTCAGTACAAA
GCCGGGGTTGTCCCAGTTAGATACAGACGTATTCCTTGTGTGAAAACAGGTGGTG
TCAAGTTCGAAACTACAGGAAATCCATACTTCTTGATGATCTTGCCTTACAATGTA
GGAGGAGCCGGAGATATTAAGTATGTGCAAATTAAGGGAAACAATACAGGGTGG
ATAACAATGTCAAAGAACTGGGGACAACATTGGACCACTAATGTTGTATTGGTTCG
GGCAAGGTTTATCGTTCAGGGTTACGACGAGTGACGGGATTACAAAAGAATTTTG
GAATGTGGCTCCAAAGAACTGGGGTTTTGGCCAGACGTTTGATGGAAGGATTAAC
TTTTAA