

IDENTIFICATION

Species: *Capsella grandiflora*

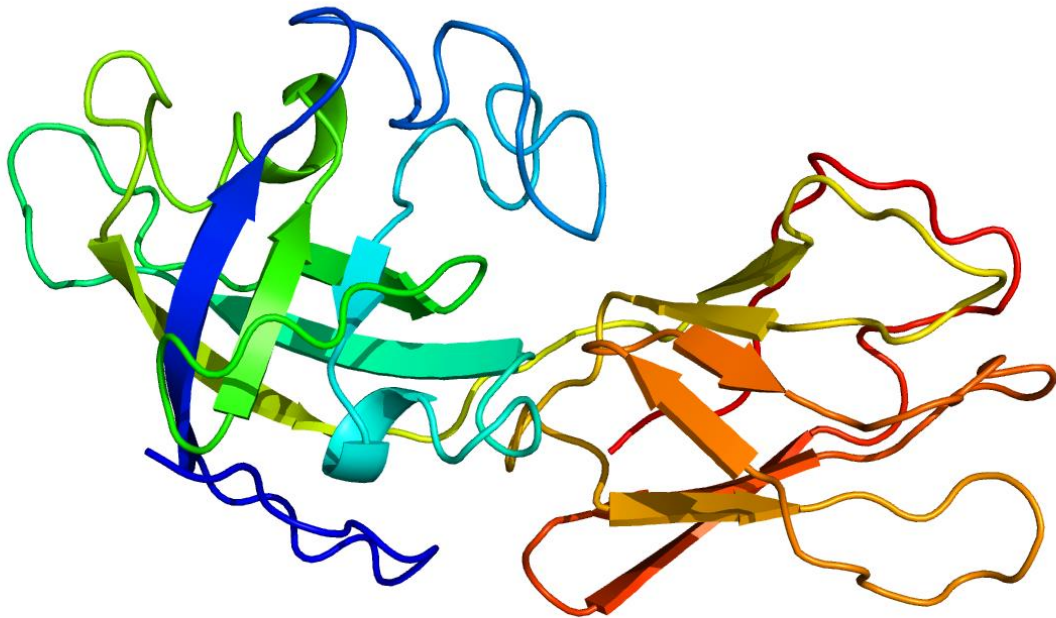
Locus: Cagra.0487S0017

Gene Model: Cagra.0487S0017.1.p

Description: CgrEXPA-04

Family: Alpha Expansin

3D structure:



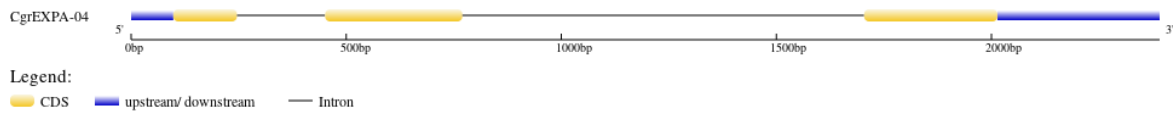
GENOME DATABASES

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

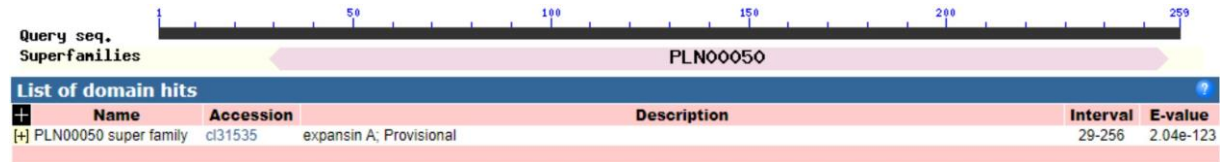
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CgrEXPA-04

MAAKVITLMAVMLATAFTVHARIPGVYTGGPWVNAHATFYGGADASGTMGGACG
YGNLYSQGYGVNTAALSTALFNGLSCGSCFELKCINDPGWCLPGNPSILITATNFCP
PNFAQASDNGGWCNPPREHFDLAMPFMSIAKYKAGIVPVSYRRIPCRKKGIRFTIN
GFKFFNLVLTNVAGAGDVRKVSVKGTNTQWLDLSRNWGQNWQSNAVLVGQSLSF
RVKTS DGRSSTSNNIAPSNWQFGQTYSGKNFRV*

CDS (coding sequence)

>CgrEXPA-04

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CACCTTCTACGGTGGTGCTGATGCTTCTGGCACTATGGGTGGTGC GTGTGGGTAC
GGGA ACTTGTATAGCCAAGGCTACGGCGTTAACACGGCGGCTTTAAGTACTGCTT
TATTCAACAATGGATTAAGCTGTGGCTCTTGCTTTGAGCTCAAGTGTATCAATGAT
CCAGGATGGTGTCTTCCCGGTAACCCATCAATCCTTATCACCGCCACTAATTTCTG
CCCTCCAAACTTCGCCAAGCTAGCGACAATGGTGGTTGGTGCAACCCTCCTCGT
GAGCACTTTGATCTCGCCATGCCTATGTTTCTATCCATCGCTAAGTACAAAGCCGG
TATTGTCCCCGTCTCTTACCGCAGGATCCCATGTAGGAAGAAGGGAGGTATAAGA
TTCACAATCAACGGATTCAAGTTCTTCAACTTGGTGCTTGTCACCAACGTAGCCG
GAGCAGGAGACGTCAGGAAGGTGAGTGTCAAAGGAACCAACACTCAGTGGTTAG
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GTCTCTTTCTTTCCGAGTCAAACCTCCGATGGCCGAAGCTCCACCTCCAACAAC
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Nucleotide

>CgrEXPA-04

CCTTCCTCTCCCTCTCACACTTCTCTCTTCTCTCTCTCTCTCTTCCACAACCAA
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GCA