

IDENTIFICATION

Species: *Capsella grandiflora*

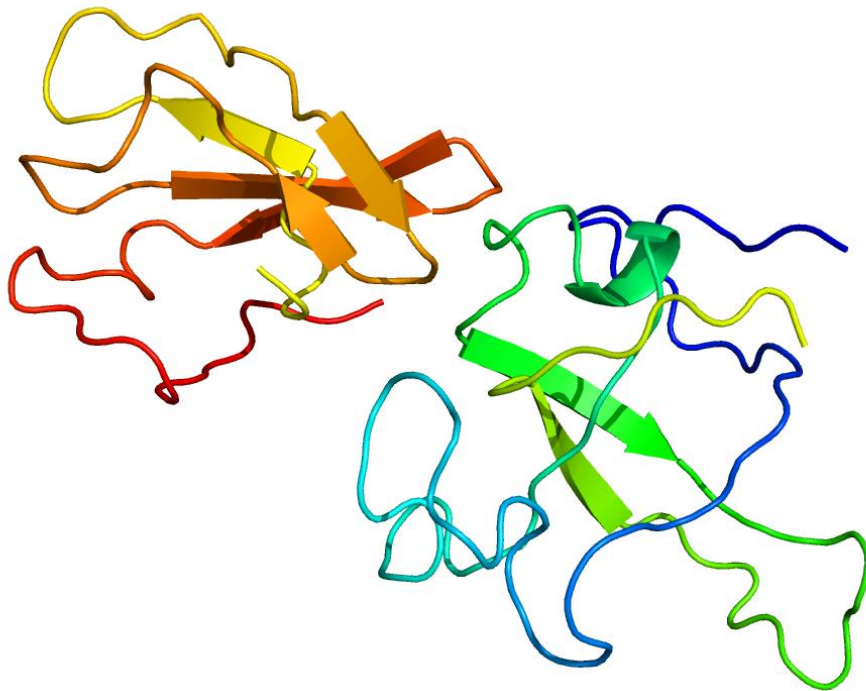
Locus: Cagra.1150S0024

Gene Model: Cagra.1150S0024.1.p

Description: CgrEXPA-09

Family: Alpha Expansin

3D structure:



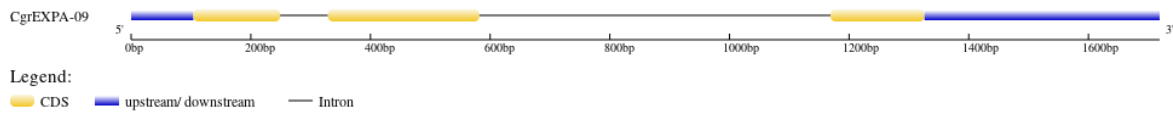
GENOME DATABASES

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

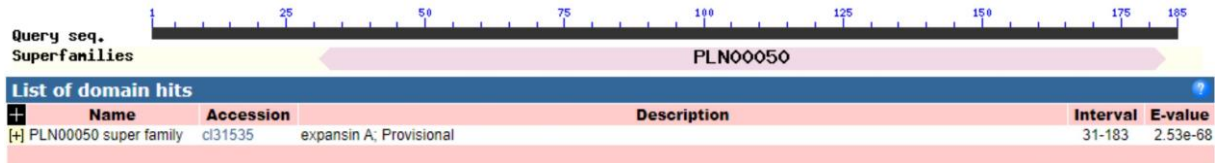
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CgrEXPA-09

MGRHVGFLVLMVGVMASSVNGYGGGGGGSWVNAHATFYGGGDASGTMGGACG
YGNLYSQGYGTSTAALSTALFNGLSCGSCFEIRCENDGKWCLPGSIVVTATNFCPPN
NALANNNGGWCNPPLQHFDLAQNWGQNWQSN SYLNGQALSFKVTTSDGRTVVSY
NAAPAGWSYGQTFAGGQFR*

CDS (coding sequence)

>CgrEXPA-09

ATGGGTCGTCATGTCGGGTTCTTAGTTTTGGTTATGGTAGGAGTAATGGCTTCTTC
TGTGAACGGCTATGGTGGTGGTGGCGGTGGCAGTTGGGTCAATGCTCATGCAACG
TTCTACGGGGGTGGCGATGCTTCCGGCACAATGGGTGGTGCTTGTGGATATGGTA
ATCTATATAGCCAAGGCTACGGGACGAGCACTGCGGCTTTGAGTACGGCTTTGTT
CAACAATGGACTTAGCTGTGGTTCTTGCTTTGAGATAAGATGTGAAAACGATGGT
AAATGGTGTTTGCCTGGCTCAATCGTCGTAACCGCTACAACTTCTGTCTCCAAA
CAACGCCTTAGCCAACAACAATGGTGGTGGTGTAACTCCTCCTTCAACACTTTG
ACCTTGCTCAAACTGGGGACAAAAGCAACTCTTACCTCAACGGTCA
AGCACTTTCCTTCAAGGTCACCACCAGCGACGGCCGTACCGTTGTCTCTACAAC
GCCGCTCCTGCCGGCTGGTCTTACGGCCAGACCTTCGCCGGTGGACAGTTCCGCT
AA

Nucleotide

>CgrEXPA-09

CATATCTTTCTTTCTTTCTTGAAGGAAGGAAGAAGAAAGATCTCCAAGTC
GTCCCTAGTATCTGCTTTTTCTTGTAGCTTCTTAACACAAGAAGCAAACATGGGTC
GTCATGTCGGGTTCTTAGTTTTGGTTATGGTAGGAGTAATGGCTTCTTCTGTGAAC
GGCTATGGTGGTGGTGGCGGTGGCAGTTGGGTCAATGCTCATGCAACGTTCTACG
GGGTGGCGATGCTTCCGGCACAATGGGTAAACAATCCTTATTTACAGAACTCAT
GTCTAACCAATTATCAAATTTACTGATCTTCAATGTTACTACTACTTTCTAGGTGG
TGCTTGTGGATATGGTAATCTATATAGCCAAGGCTACGGGACGAGCACTGCGGCT
TTGAGTACGGCTTTGTTCAACAATGGACTTAGCTGTGGTTCTTGCTTTGAGATAAG

