

IDENTIFICATION

Species: *Capsella grandiflora*

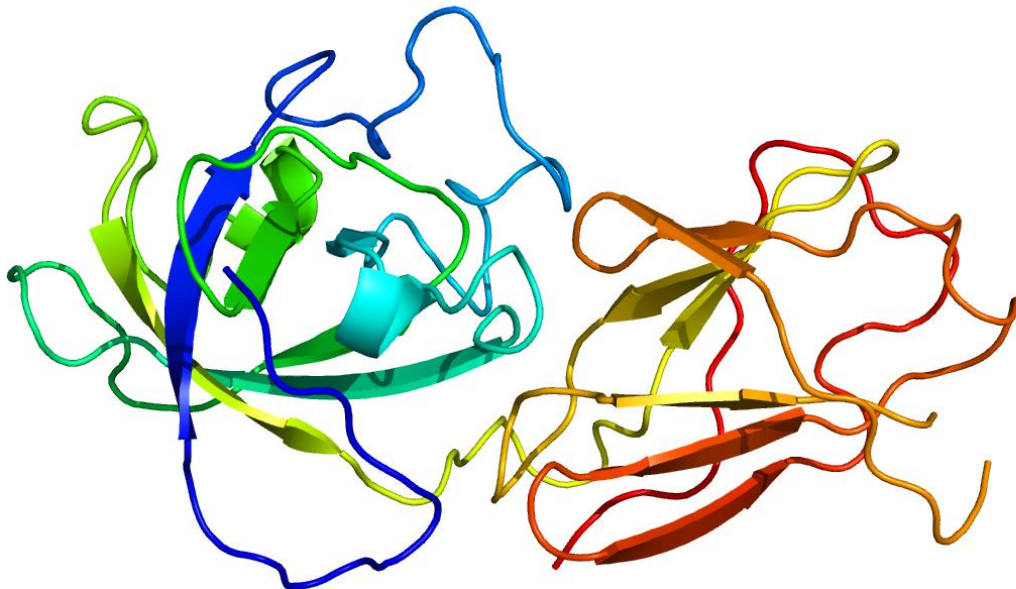
Locus: Cagra.2098S0064

Gene Model: Cagra.2098S0064.1.p

Description: CgrEXPA-17

Family: Alpha Expansin

3D structure:



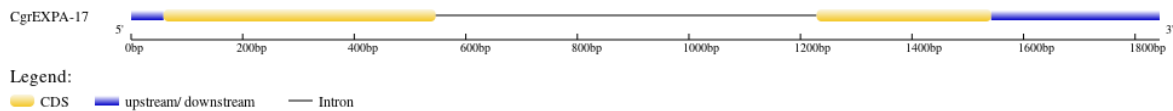
GENOME DATABASES

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

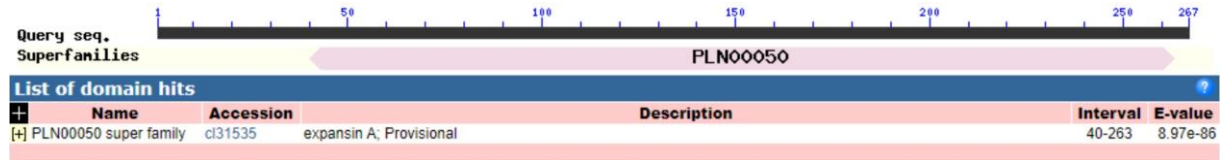
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CgrEXPA-17

MQRLLPLLFLTLLQPAISHYSSSTSSPSSSSVSSDASEWRPARATYYAATNPRDAVGG
ACGYGDLVKSGYGMATVGVSETLFRERGQICGACYELRCVDDLRCIPGTSIILTATN
FCAPNYGFDPEAGGHCNPPNKHFVLPPIEAFEKIAIWKAGNMPVQYRRINCRREGSMR
FTVDGGGIFISVLITNVAGSGDIAAVKIKGSRTGWLPMGRNWGQNWGINADLKNQAL
SFEVTSSDRSTVTSYNVSPKNWNYGQTFEGKQFETP*

CDS (coding sequence)

>CgrEXPA-17

ATGCAACGGTTGCTTCTACCTTTACTCTTCCTTACACTATTACAGCCGGCGATTTTC
TCATTACTCTTCGTCAACCTCTTCACCTTCATCTTCCTCCGTATCTTCCGACGCCTC
AGAATGGCGGCCAGCTCGAGCCACCTACTACGCGGCGACGAATCCTCGGGACGC
GGTGGGCGGTGCGTGTGGATAACGGAGATCTCGTCAAATCTGGATACGGAATGGCT
ACGGTTGGTGTGAGCGAGACTCTGTTTGAGCGTGGTCAGATCTGTGGTGCTTGTT
ACGAGCTCAGATGTGTTGATGATCTCCGTTGGTGTATCCCTGGAACCTTCTATCATT
CTCACCGCTACTAATTTTTGTGCTCCTAATTACGGATTTGATCCAGAAGCTGGTGG
TCACTGTAATCCACCCAACAACATTTTCGTGCTTCCCATCGAAGCGTTTGAGAAG
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GAAGGGAAGGGAGCATGCGGTTTACAGTTGATGGTGGGGGCATTTTCATCTCGGT
TCTTATCACCAATGTTGCGGGATCCGGTGATATAGCTGCTGTGAAGATCAAAGGG
TCGAGAACCGGGTGGTTACCTATGGGTCCGGAATTGGGGACAAAATTGGCATATCA
ATGCTGATCTCAAGAACCAAGCTCTCTCATTTGAGGTAACCTTCTAGTGACAGGTC
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ANucleotide

>CgrEXPA-17

CAAATCTCTCTCAAAAATCAAACGATTTGTTGTACTTTACTCCTCTCTCGCCGGAG
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