

IDENTIFICATION

Species: *Capsella grandiflora*

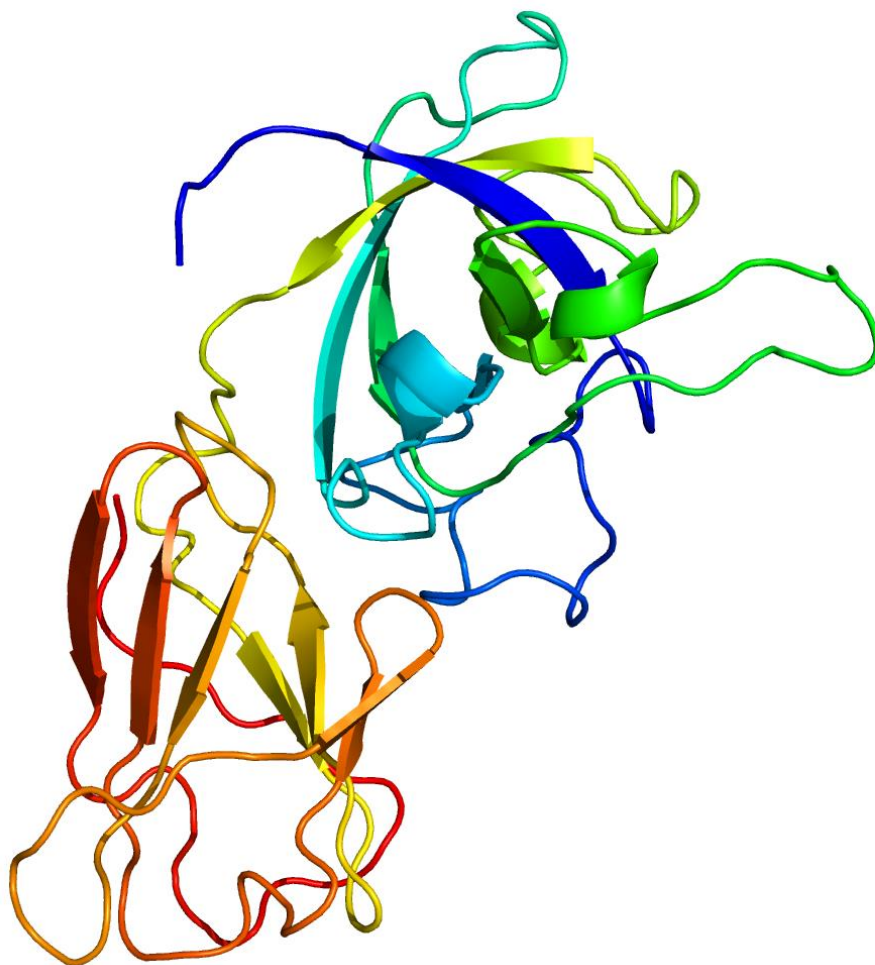
Locus: Cagra.0534S0007

Gene Model: Cagra.0534S0007.1.p

Description: CgrEXPA-05

Family: Alpha Expansin

3D structure:



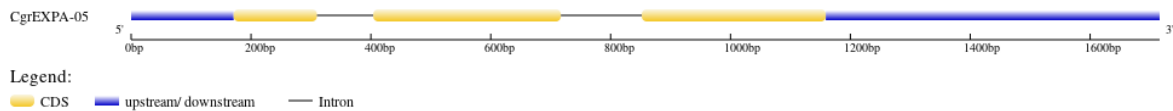
GENOME DATABASES

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

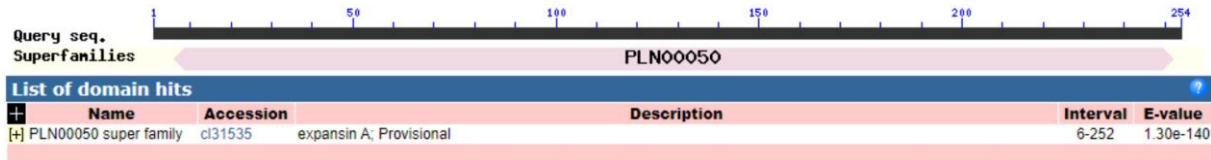
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CgrEXPA-05

MFMGKMGLLGILVLCFAAMVCSAHGYDAGWVNAHATFYGGSDASGTMGGACGY
GNLYSQGYGTNTAALSTALFNGLSCGACFEIKCQSDGAWCLPGAIIVTATNFCPPNN
ALPNNAGGWCNPLHHFDLSQPIFQRIAHYKAGVVPVSYRRVPCKRRGGIRFTINGHS
YFNLVLVTNVGGAGDVHSVAVKGSRTRWQQMSRNWQNWQSNLLNGQALSFKV
TASDGRIVVSNNIAPASWSFGQTFTGRQFR*

CDS (coding sequence)

>CgrEXPA-05

ATGTTTCATGGGAAAGATGGGTCTTTTGGGAATCTTGGTGTTGTGTTTTGCTGCAAT
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CTACAGTCAAGGATACGGAACCAACACTGCAGCGTTAAGCACAGCTCTGTTC AAC
AACGGGCTTAGCTGCGGCGCGTGTTCGAGATCAAGTGCCAGAGCGACGGGCGG
TGGTGTTTACCTGGTGCTATTATAGTCACGGCCACCAACTTCTGTCCTCCCAACAA
CGCTTTCCTAATAACGCTGGTGGTTGGTGTAACCTCCGCTTCACCATTTTGACC
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ACTGGGGACAGA ACTGGCAAAGCAACAATCTTTTAAACGGTCAAGCATTGTCCTT
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Nucleotide

>CgrEXPA-05

AGCAAACCTATCTCTCTCCTTCACGTTCTCTCACTCTCCAAAAAGCTTTGCACTT
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