

IDENTIFICATION

Species: *Capsella grandiflora*

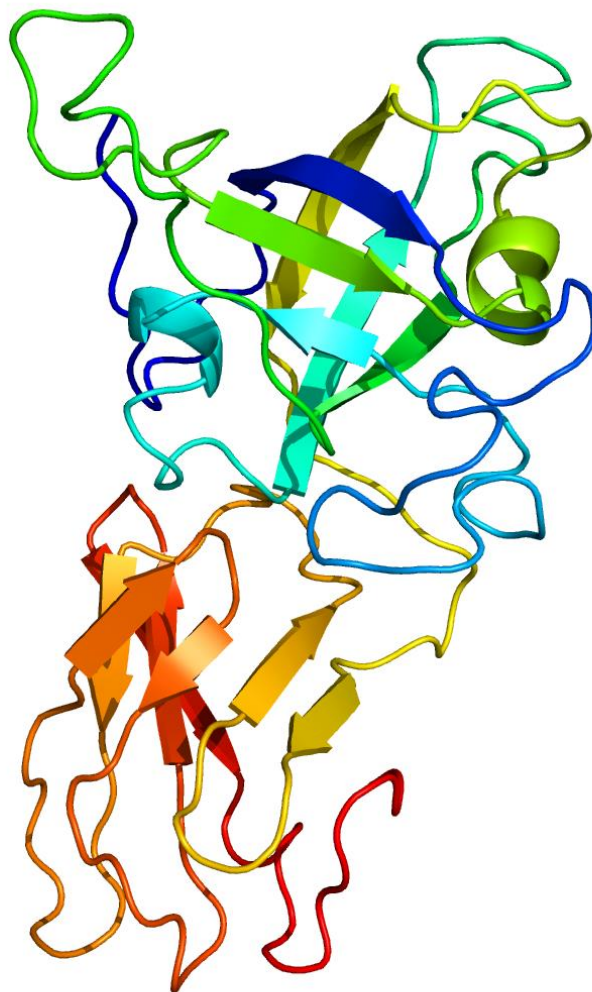
Locus: Cagra.1960S0011

Gene Model: Cagra.1960S0011.1.p

Description: CgrEXPA-15

Family: Alpha Expansin

3D structure:



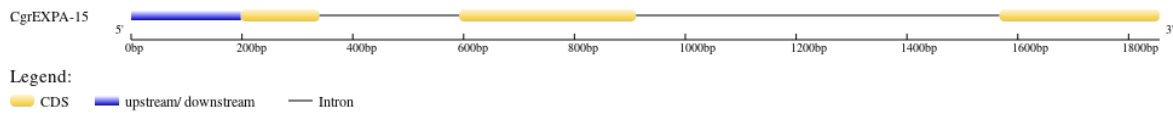
GENOME DATABASES

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

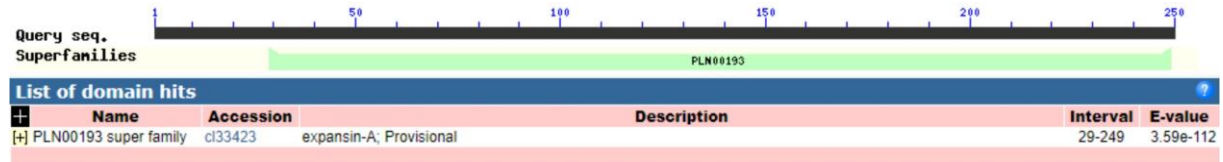
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CgrEXPA-15

MSMLGLVLLVLTVLALSEARIPGVYNGGGWETAHATFYGGSDASGTMGGACGYGN
LYSQGYGVNTAALSTALFNNGFSCGACFELKCADPRWCHSGSPSIFVTATNFCPPNF
AQPSDNGGWCNPPRPHFDLAMPFLKIAEYRAGIVPVSFRRVPCRKRGGIRFTINGFR
YFNLVLTNVAGAGNIVRLGVKGTHTSWMSMSRNWGQNWQNSVLVGQSLSRVVT
SSDRRSSTSWNIAPANWQFGQTFM*

CDS (coding sequence)

>CgrEXPA-15

ATGTCGATGTTGGGTTTGGTTTTATTGGTTCTTACCGTTCTTGCATTGTCTGAAGC
AAGAATCCCTGGAGTTTACAATGGTGGTGGTTGGGAAACTGCTCATGCCACTTTC
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ATACAGCCAAGGCTACGGTGTGAACACGGCGGCTCTAAGCACGGCTCTGTTCAAC
AATGGATTTAGCTGTGGTGCTTGTTTTGAGCTCAAATGCGCAAGTGACCCAAGAT
GGTGCCATTCTGGTAGCCCTTCGATCTTCGTCACCGCGACCAACTTCTGTCCTCCT
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TCGATCTCGCTATGCCTATGTTCCCTCAAGATCGCTGAGTATCGTGCCGGAATCGTC
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TCGTAACCTGGGGACAAAACCTGGCAGTCAAACCTCGGTTTTGGTCGGTCAGTCGCTT
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Nucleotide

>CgrEXPA-15

TCACTATATAGTATAGAATAGTTTTTACATACTAATATGTGAATGTTACAATTGTA
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CAATATGAAACACTCGCTCCAATAATAATCTCTTCTTCTCCTCTGCCTCTTTCTCC
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