

IDENTIFICATION

Species: *Citrus sinensis*

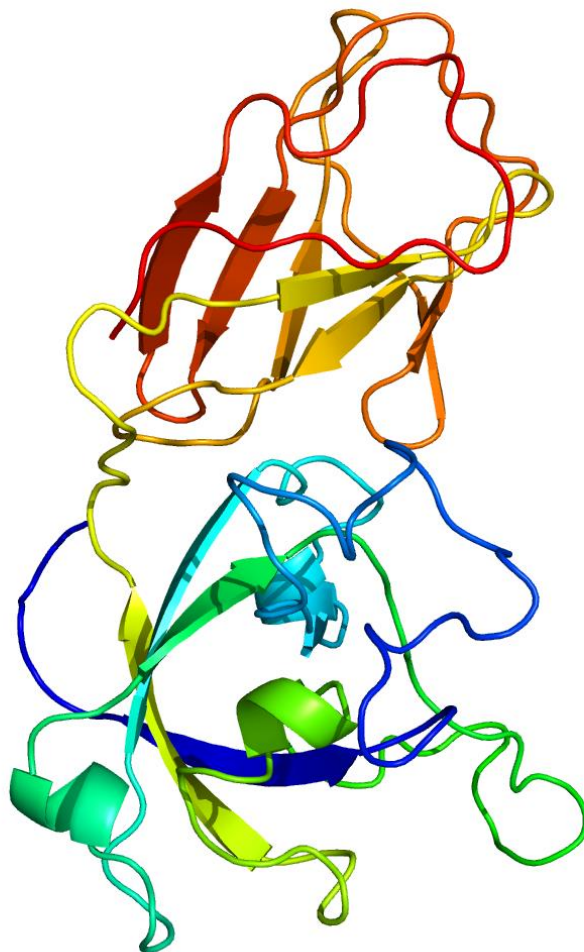
Locus: orange1.1g046524m

Gene Model: orange1.1g046524m

Description: CisEXPA-06

Family: Alpha Expansin

3D structure:



GENOME DATABASES

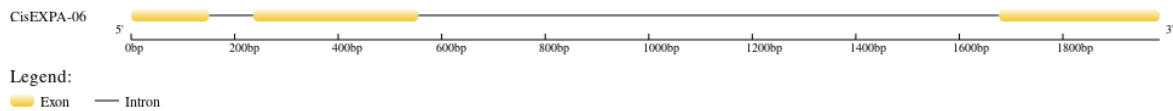
Phytozome: https://phytozome-next.jgi.doe.gov/info/Csinensis_v1_1

Kegg: <https://www.genome.jp/entry/T02983>

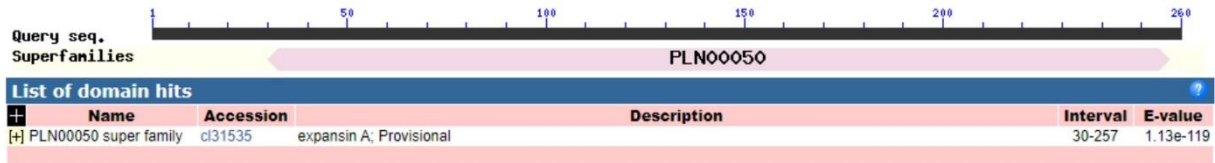
EXTERNAL RESOURCES

<https://www.citrusgenomedb.org/organism/Citrus/sinensis>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CisEXPA-06

MAVVNWAGVILSLVCLMWVADARLPGDYSGGPWQSAHATFYGGSDASGTMGGAC
GYGNLYSQGYGVNTAALSTALFNNGLSGCACFEIKCANEPAWCHSGSPSILVTATNF
CPPNYALPSDNGGWCNPPRPHFDLAMPFLKIAEYRAGIVPVSYRRVPCRKKGGIRF
TINGFRYFNLVLVTNVAGAGDILRVNVKGSRTGWMSMSRNWGQNWQSNVAVLVGQS
LSFRVKASDRRSSTSWNIVPANWQFGQTFVGKNFRV*

CDS (coding sequence)

>CisEXPA-06

ATGGCGGTGGTGAATTGGGCTGGCGTTATCCTCTCTTTAGTATGCTTAATGTGGGT
GGCTGATGCAAGACTCCCTGGCGATTACTCCGGTGGCCCATGGCAAAGCGCCCAT
GCCACCTTTTACGGCGGCTCTGACGCCTCCGGCACCATGGGAGGAGCGTGCGGTT
ACGGTAACTTGTACAGCCAGGGCTACGGCGTGAACACGGCGGCCCTGAGCACGG
CGCTGTTCAACAATGGCTTGAGCTGCGGTGCTTGCTTTGAGATCAAGTGTGCAA
CGAACCCGCGTGGTGTCACTCCGGGAGCCCTTCCATTTTGGTTACCGCTACAAAC
TTTTGCCCGCCAATTATGCACTCCCAAGTGACAATGGCGGCTGGTGTAAACCTC
CTCGCCCTCATTTTGACCTCGCCATGCCATGTTTCCTTAAGATTGCTGAGTACCGC
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ATCAGGTTACAATAAACGGGTTCCGCTACTTCAACTTGGTTCTGGTCACCAACG
TGGCGGGTGCAGGGGATATCCTGAGGGTGAACGTGAAAGGGTCAAGAAGTGGCT
GGATGAGCATGAGCCGTAACCTGGGGCCAAACTGGCAGTCTAACGCAGTGCTGG
TAGGGCAGTCACTTTTCGTTTAGGGTGAAGCGAGTGACCGACGCAGCTCCACCTC
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Nucleotide

>CisEXPA-06

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