

IDENTIFICATION

Species: *Citrus sinensis*

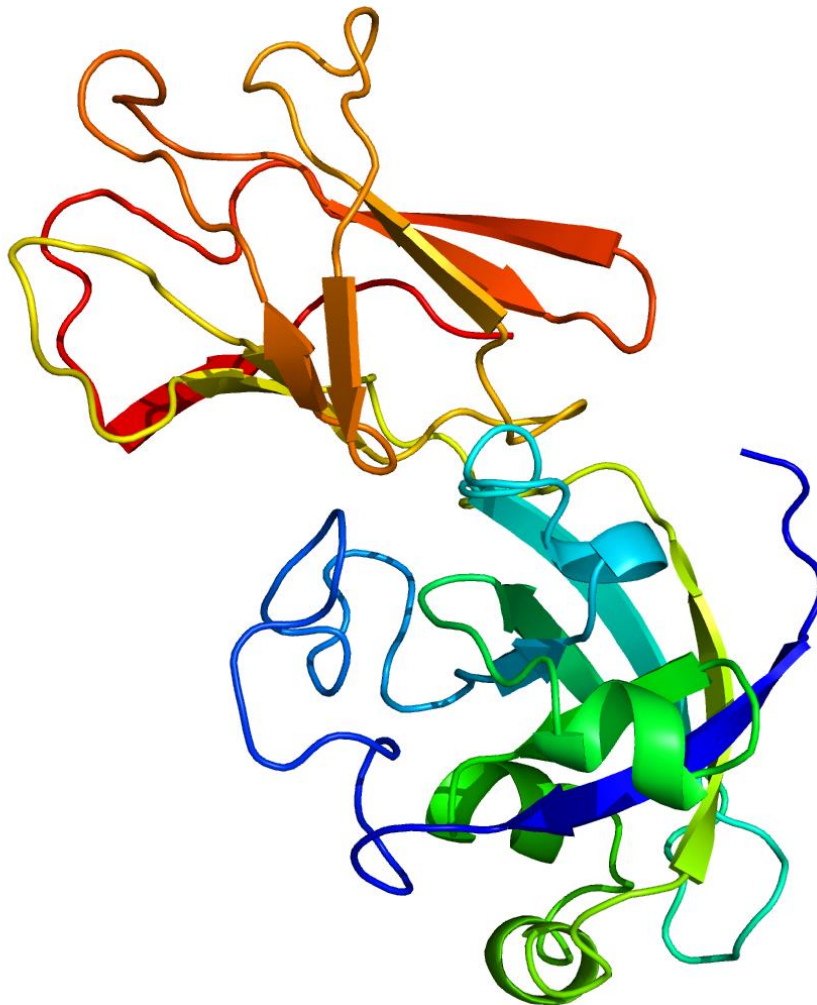
Locus: orange1.1g024303m

Gene Model: orange1.1g024303m

Description: CisEXPB-02

Family: Beta Expansin

3D structure:



GENOME DATABASES

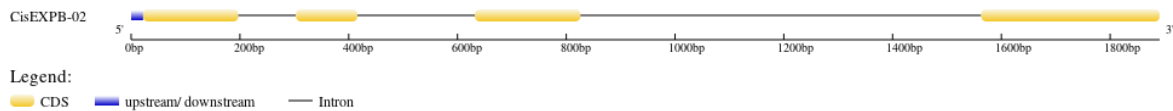
Phytozome: https://phytozome-next.jgi.doe.gov/info/Csinensis_v1_1

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

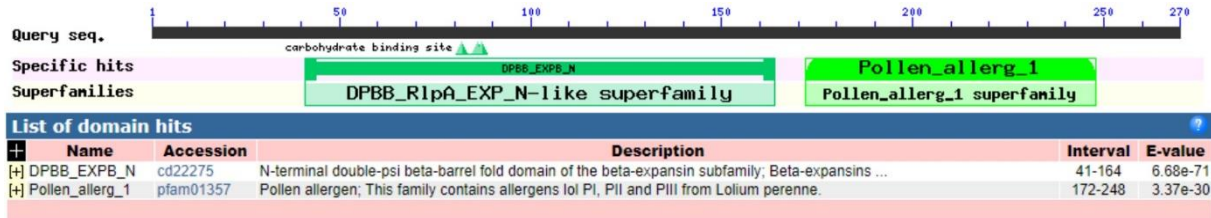
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CisEXPB-02

MATRSSISLSLSFFLAFLCYLELCSCFYPKHLNLSAVGTHWSTAGATWYGSPDGAGSD
GGACGYGNAVVSQSPFSSFVTAIGPSLYKSGKECGACYQVKCTRHPACSGKAVRVVIT
DFCPGGPCVSESAHFDLSGTAFGAMAIPGQEEKLRDAGVLEVRYARVACDYSGRNIA
FHVDQGSNPNYLAVVVEFEDGDGDLAGVDVKEGSGEWRAMQQSWGATWKLNAGS
ELHPPLSLRLTSQYSGQTLVANNVIPQGWMPGATYRSLVNYNV*

CDS (coding sequence)

>CisEXPB-02

ATGGCTACTAGAAGTAGTATTAGCTTGTCCCTTTCATTTTTCTAGCTTTTCTTTGCT
TACTTGGAGCTTTGCTCTTGCTTTTACCCCAAACACCTCAACTTGTCAGCCGTCGG
AACCCTGGTTCGACCGCCGGAGCCACCTGGTATGGCAGCCCTGACGGTGCCGG
AAGTGACGGAGGTGCTTGTGGGTATGGCAATGCAGTGTCAAAAGCCCTTCTCT
TCTTTTGTGACCGCCATAGGTCCAAGCCTTTATAAATCCGGCAAGGAATGCGGTG
CTTGCTATCAGGTCAAGTGCACAAGGCATCCAGCATGTTTCAGGCAAAGCAGTTCC
AGTTGTGATAACAGATTTTTGTCCCGGCGGTCCATGTGTGTCGGAATCTGCACATT
TCGACCTCAGCGGAACAGCTTTCGGTGCCATGGCCATCCCCGGCCAAGAAGAGA
AGCTTCGCGATGCCGGAGTTTTGGAAGTCCGATATGCACGGGTTGCTTGTGATTA
CTCCGGAAGGAACATAGCCTTCCATGTTGACCAGGGATCAAACCCTAACTACCTG
GCCGTGGTGGTTGAGTTCTGAAGATGGAGACGGTGACCTAGCCGGCGTTCGATGTG
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AAGCTCAACGCCGGCTCGGAATTACACCCTCCACTCTCACTCCGGCTGACATCTC
AGTATTCAGGCCAAACCCTGGTGGCCAACAATGTGATTCTCAAGGATGGATGCC
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Nucleotide

>CisEXPB-02

TAAGTGTTAAAGTGTTGTGGTAATGGCTACTAGAAGTAGTATTAGCTTGTCCCTT
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