

## IDENTIFICATION

**Species:** *Cucumis sativus*

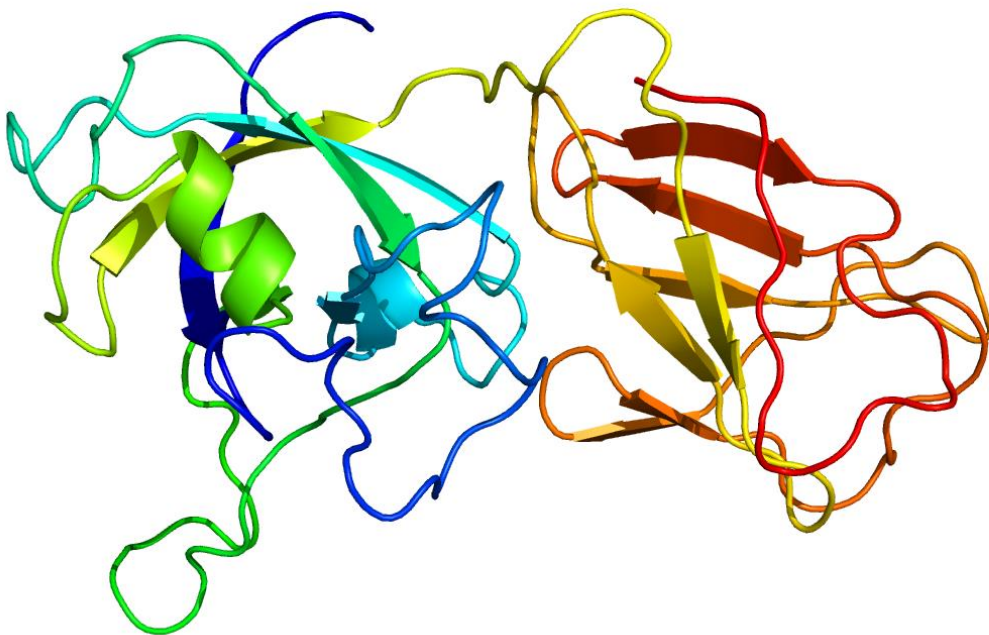
**Locus:** CsGy4G014170

**Gene Model:** CsGy4G014170.1

**Description:** CsEXPA-09

**Family:** Alpha Expansin

**3D structure:**



## GENOME DATABASES

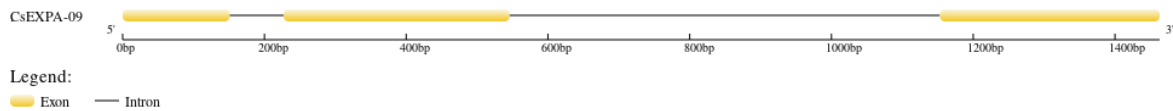
<http://cucurbitgenomics.org/>

KEGG: <https://www.genome.jp/entry/T02486>

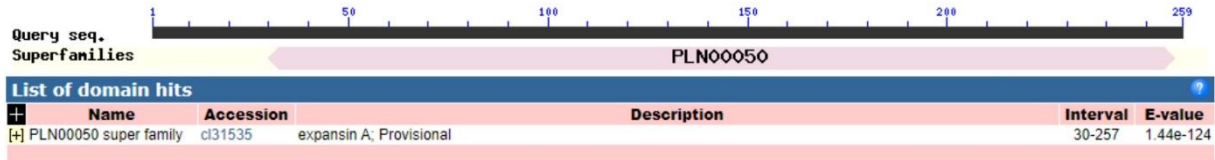
## EXTERNAL RESOURCES

-

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>CsEXPA-09

MASSL LLSLFLSSLFLLSHARIPGVYSGGPWQDAHATFYGGSDASGTMGGACGYG  
NLYSQGYGVNTAALSTALFNGLSCGACFEIKCANDPRWCHPGSPSIFITATNFCPPN  
FALPNDNGGWCNPPRTHFDLAMP MFLKIAEYRAGIVPVSYRRVPCRKQGGIRFTINGF  
RYFNLVLITNVAGAGDIVKVSVKGSNTGWMSMSRNWQNWQSNVAVLVGQTLFRL  
TGSDRRTSTSWNVAPSNWQFGQTFTGKNFRI

### CDS (coding sequence)

>CsEXPA-09

ATGGCTTCTTCTCTTTCTCTCCTCTTCTCCCTCTTCCTCTCCTCCCTCTTTCTCCTCT  
CTCACGCCAGAATCCCTGGCGTCTACTCGGGCGGCCCTGGCAGGACGCTCATGC  
CACCTTCTACGGCGGCAGCGATGCCTCTGGAACCATGGGTGGTGGCTTGTGGGTAT  
GGTAATCTCTACAGCCAGGGCTATGGCGTCAACACAGCTGCTCTCAGTACTGCTC  
TTTTCAACAATGGCTTAAGCTGTGGTGGCTTGGCTTTGAGATCAAGTGTGCTAATGAC  
CCTCGATGGTGCCATCCCGGTAGCCCTTCTATTTTCATTACGGCTACCAATTTTGT  
TCCCCTAATTTTGGCTCTTCCTAATGACAATGGTGGTTGGTGTAACCTCCTCGCA  
CTCATTTTCGACCTTGCTATGCCTATGTTCCCTCAAGATAGCTGAGTACCGAGCTGGA  
ATTGTACCCGTCTCTTACCGCCGGGTGCCATGTAGGAAACAAGGAGGAATCAGGT  
TCACAATCAACGGTTTCCGTTACTTCAATTTGGTATTAATCACTAACGTAGCCGGT  
GCAGGGGATATCGTGAAGGTTAGCGTAAAAGGATCAAACACCGGTTGGATGAGC  
ATGAGCCGTAACCTGGGGCCAAAATTGGCAATCCAACGCTGTTTTAGTGGGTCAGA  
CCCTTTCCTTCCGCCTCACCGGCAGTGACCGTAGAACTTCAACTTCATGGAACGTG  
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A

### Nucleotide

>CsEXPA-09

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