

## IDENTIFICATION

**Species:** *Cucumis sativus*

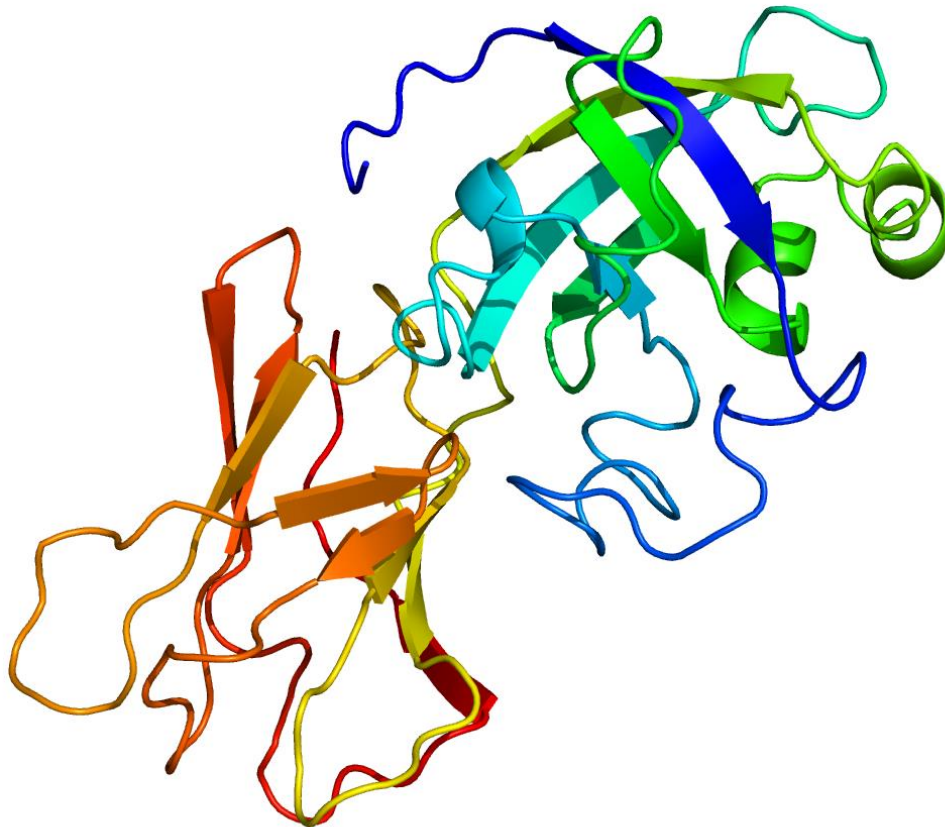
**Locus:** CsGy6G010650

**Gene Model:** CsGy6G010650.1

**Description:** CsEXPB-02

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

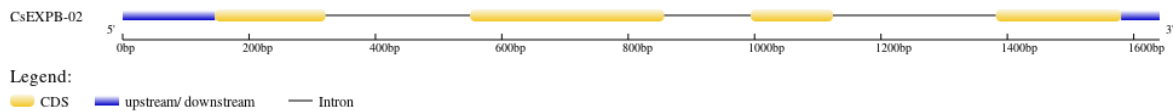
<http://cucurbitgenomics.org/>

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

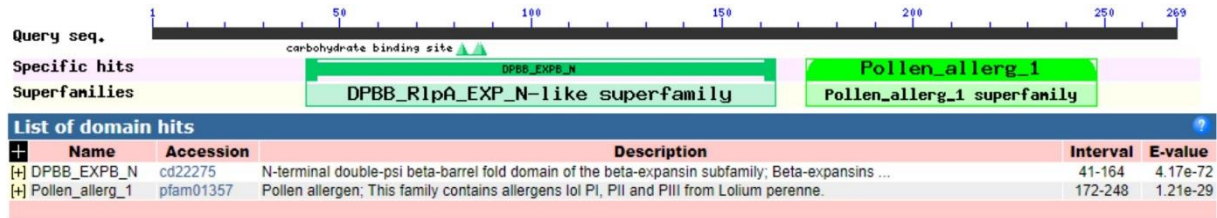
## EXTERNAL RESOURCES

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## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>CsEXPB-02

MLFLHRSTFRLITAFFSAAALLHWFAAAHLQHPVPLDHLWLPATATWYGSPEGDG  
SDGGACGYGNLVDVKPLKARVGA VSPVLFNRNGEGCGACYKVKCLDHNICSRRAVTI  
IVTDECPGGYCSNGNTHFDLSGAAFGRMAIAGEGGQLRNRGEIPVIYRRTPCPKYPGK  
NIAFHVNEGSTDYWLSLLVEFEDGDGDIGAMQIKETNSGEWLDNMHLWGAWNCIIG  
GPLKGPFSVRLTTLSTGRTLSARDIIPRNWSPKATYTSRLKFFT

### CDS (coding sequence)

>CsEXPB-02

ATGCAGCTCTTCCTTCACCGCTCTACTTTCCGCCTCATTACAGCTTTCTTCTCTGCT  
GCAGCTTTGCTCCATTGGTTCGCTGCAGCGGCTCACCTCCAACACCCTGTGCCGG  
ATCTACATTGGCTTCCAGCCACCGCCACTTGGTACGGAAGCCCCGAGGGAGACGG  
TAGCGACGGTGGAGCATGTGGGTATGGTAATTTAGTGGATGTGAAGCCTTTAAAG  
GCTAGAGTTGGGGCTGTGAGTCCTGTTTTGTTTCAGAAATGGTGAAGGTTGTGGAG  
CTTGTTACAAAGTGAAGTGTGGACCACAACATTTGCTCTAGACGAGCAGTGAC  
TATAATCGTCACCGACGAGTGCCCCGGTGGGTATTGTTCCAATGGCAATACTCAC  
TTCGATCTCAGCGGCGCCGCTTTGGTCGTATGGCCATTGCCGGAGAAGGTGGGC  
AGCTCAGAAACCGAGGAGAAATCCCAGTAATTTACCGACGAACTCCGTGTAAGT  
ACCCAGGCAAGAACATTGCCTTCCATGTCAATGAAGGCTCGACAGATTACTGGCT  
CTCACTCTTGGTTGAATTCGAGGATGGGGATGGAGACATTGGTGCAATGCAAATA  
AAAGAAACAAATTCAGGGGAGTGGCTGGATATGAACCATCTATGGGGAGCAAAT  
TGGTGCATAATTGGTGGGCCATTAAAGGGCCATTCTCAGTGAGATTAACAACAT  
TATCTACCGGAAGAACTCTCTCAGCAAGAGATATAATCCCAAGGAATTGGTCTCC  
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### Nucleotide

>CsEXPB-02

GCCCCCTTCCACTTCCACAGCTCCAACATCATACTCAAACCGTCTCTCAC  
GCACTGCACAATCCTCTCACTCAACTGTTTTTTCTCCATCACCTCCTCCTCGCCC

GAACCTCACTTTCTCGTCACCTCCACACACCCCAAATGCAGCTCTTCCTTCACCGCT  
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