

## IDENTIFICATION

**Species:** *Brassica oleracea capitata*

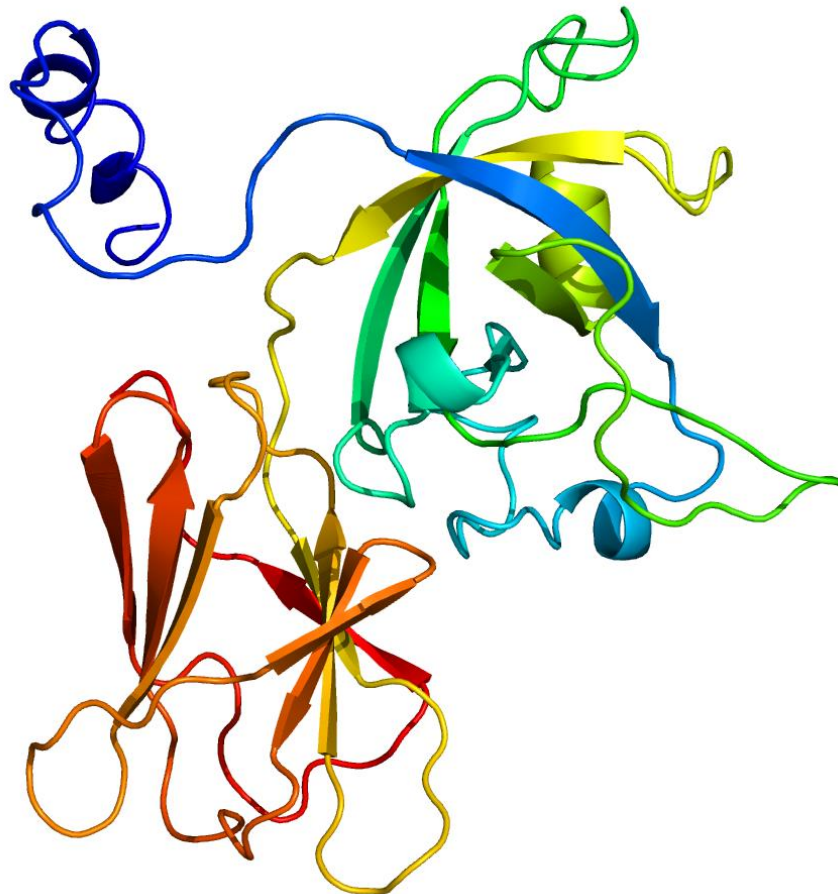
**Locus:** Bol008341

**Gene Model:** Bol008341

**Description:** BolEXPA-12

**Family:** Alpha Expansin

**3D structure:**



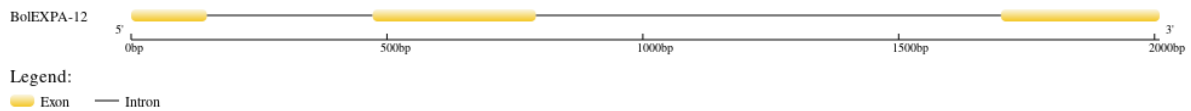
## GENOME DATABASES

Phytozome: [https://phytozome-next.jgi.doe.gov/info/Boleraceacapitata\\_v1\\_0](https://phytozome-next.jgi.doe.gov/info/Boleraceacapitata_v1_0)

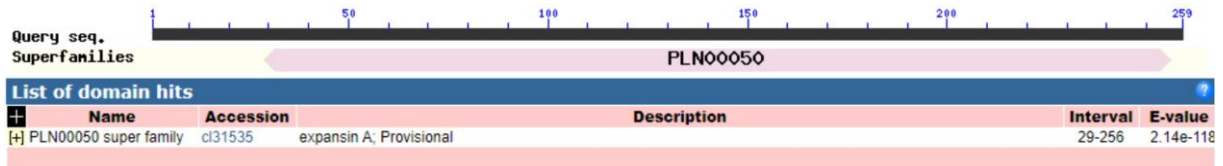
## EXTERNAL RESOURCES

<http://www.ocri-genomics.org/bolbase/login.htm>

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>BolEXPA-12

MLGLVLCILTILADFITITEAKIPGVYNGGGWETAHATFYGGSDASGTMGGACGYGN  
LYSQYGVNTAALSTALFNNGYSCGACFELKCASDPKWCHSGSPSIFVTATNFCPPNF  
AQPSDNGGWCNPPRPHFDLAMPFLKVAEYRAGIVPVSFRRVPCRKIGGMRFINGF  
RYFNLVLVTNVAGAGNIVRLSVKGTRTSWMTMSRNWQNWQSNVVLVGQALSFRV  
TGSRRSSTSWNIAPAHWQFGQTFMGKNFRV\*

### CDS (coding hits sequence)

>BolEXPA-12

ATGCTGGGTTTGGTTTTATGTATTCTCACAATTCTTGCGGATTCATAACAATTAC  
TGAAGCAAAAATCCCAGGAGTTTACAATGGAGGTGGTTGGGAAACTGCTCATGCT  
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GTAAC TTGTACAGCCAAGGCTACGGTGTGAACACAGCGGCTTTAAGCACGGCTCT  
GTTCAACAACGGTTACAGTTGCGGCGCTTGTTTCGAGCTCAAATGCGCGAGTGAT  
CCTAAGTGGTGTCACTCAGGTAGCCCTTCCATCTTCGTCACTGCAACCAACTTTTG  
CCCGCCGAACTTTGCTCAGCCCAGTGACAATGGCGGATGGTGCAACCCTCCTAGG  
CCTCACTTCGACCTTGCTATGCCTATGTTCTCAAGGTTGCCGAGTATCGCGCCGG  
AATTGTTCCCGTCTCTTTCCGCCGAGTGCCATGTCGGAAGATAGGAGGAATGAGG  
TTCACAATCAACGTTTCCGTTACTTCAACTTGGTTCTGGTCACAAACGTTGCCGG  
CGCCGGAAACATAGTGCGGCTGAGCGTGAAAGGAACAAGAACTTCGTGGATGAC  
CATGAGCCGAAACTGGGGGCAAACTGGCAATCAAACCTCTGTTTTAGTTGGTCAA  
GCACTTTCTTTAGAGTCACAGGCAGCGACCGTTCGAAGTTCCACGTCATGGAACA  
TCGCTCCCGCTCATTGGCAGTTTGGACAGACATTCATGGGAAAGAACTTCAGAGT  
CTAG

### Nucleotide

>BolEXPA-12

ATGCTGGGTTTGGTTTTATGTATTCTCACAATTCTTGCGGATTCATAACAATTAC  
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