

## IDENTIFICATION

**Species:** *Brassica oleracea capitata*

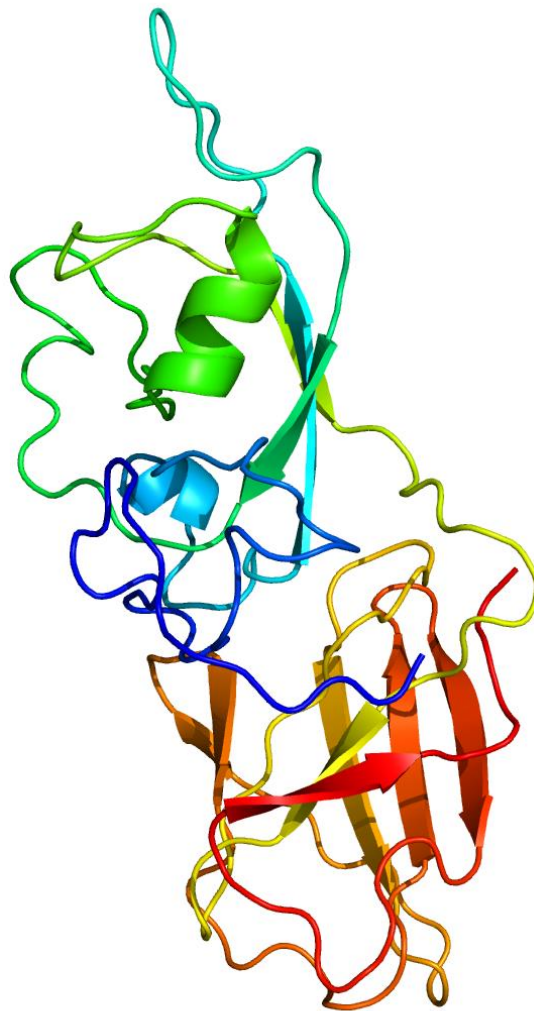
**Locus:** Bol025756

**Gene Model:** Bol025756

**Description:** BolEXPA-08

**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)

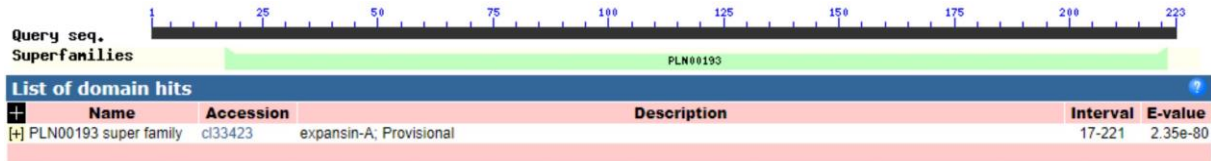
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>BolEXPA-08

MEMKGKYLVTIILLVSGACGYDNPYHAGFGAHTAALSGALFKSGESCGGCYQVRCD  
YRADPKWCLRGA AVTVTATNFCPSNNNGGWCNLP RHFDMSMPAFFRIARRGNEGI  
VPVFYRRVGCRRRGGVRF TMRGQGNFNMVILSNVGGSGAVKAVAVRGSRGKTWH  
QMTRNWGANWQSSGDLRGQLSFRVTLLDRKTM TFLNVVPSSWWFGQTFSSRDQF  
H\*

### CDS (coding sequence)

>BolEXPA-08

ATGGA AATGAAGGGGAAATACTTGGTAACGATTATTCTACTGGTTAGCGGAGCTT  
GTGGGTATGACAATCCATACCACGCCGATTCGGAGCCCATACGGCAGCGCTAA  
GCGGTGCACTATTCAAAAGCGGCGAGTCATGCGGTGGGTGTTACCAAGTGAGGT  
GCGACTATCGTGCGGATCCTAAGTGGTGTCTCCGAGGAGCCGCCGTTACGGTGAC  
GGCTACAACTTTTGTCCGTCGAACAATAACGGAGGTTGGTGCAATCTTCCTCGT  
CACCATTTTGACATGTCCATGCCCGCTTCTTCCGCATCGCCGTCGCGGCAACGA  
AGGCATCGTCCCCGTCTTCTACCGCCGGGTGGGATGCAGAAGAAGAGGAGGTGT  
AAGTTTCACGATGAGAGGTCAAGGTAATTTCAATATGGTAATACTCTCAAACGTT  
GGCGGCAGCGGCGCTGTGAAAGCCGTTGCGGTGAGAGGCTCAAGGGGAAAGACT  
TGGCATCAGATGACTCGTAACTGGGGTGCCAACTGGCAAAGCTCCGGCGATCTTC  
GGGGACAGAGGCTCTCCTTTAGAGTTACTCTCCTTGACCGCAAACGATGACGTT  
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GTTTCACTGA

### Nucleotide

>BolEXPA-08

ATGGA AATGAAGGGGAAATACTTGGTAACGATTATTCTACTGGTTAGTACGTTAC  
TGATGCTTAATTTTGTATTACAACTTTTTTCTTTCTAAGCAACTTATATG  
TCGATGAATATGTTTCATAGGCGGAGCTTGTGGGTATGACAATCCATACCACGCCG  
GATTCGGAGCCCATACGGCAGCGCTAAGCGGTGCACTATTCAAAAGCGGCGAGT  
CATGCGGTGGGTGTTACCAAGTGAGGTGCGACTATCGTGCGGATCCTAAGTGGTG  
TCTCCGAGGAGCCGCCGTTACGGTGACGGCTACAACTTTTGTCCGTCGAACAAT

AACGGAGGTTGGTGCAATCTTCCTCGTCACCATTTTGACATGTCCATGCCCCGCTTT  
CTTCCGCATCGCCCGTCGCGGCAACGAAGGCATCGTCCCCGTCTTCTACCGCCGG  
TAACATAATATGTCTATTTGTTCTAAAAAACATATTATATTCCATTTCTCATTGA  
ATTTTGTTAAATGGTGTTCGATAAACTATAGAGTTGTTTATATCTAATATAAGTAT  
CTACATAATACTCATTGTATTTTTAAAATATCGCAAACCCAAATAAACTAAATAT  
CCCCTAGCTAACCCATCTCATTAATAATTGTTTTTTTATAGAAAAAACATGTGTAA  
GTAATTCAGTCACATACAAATATAGCATCATTCAAATCCTCTTACTAAATTTGTAG  
TGTGTCATATTCTGTAGGGTGGGATGCAGAAGAAGAGGAGGTGTAAGGTTACAG  
ATGAGAGGTCAAGGTAATTTCAATATGGTAATACTCTCAAACGTTGGCGGCAGCG  
GCGCTGTGAAAGCCGTTGCGGTGAGAGGCTCAAGGGGAAAGACTTGGCATCAGA  
TGA CT CGTAACTGGGGTGCCAACTGGCAAAGCTCCGGCGATCTTCGGGGACAGA  
GGCTCTCCTTTAGAGTTACTCTCCTTGACCGCAAACGATGACGTTTTTAAATGTT  
GTTCTTCTTCTTGGTGGTTCGGTCAAACCTTCTCTTCTCGAGACCAGTTTCACTG

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