

## IDENTIFICATION

**Species:** *Brassica oleracea capitata*

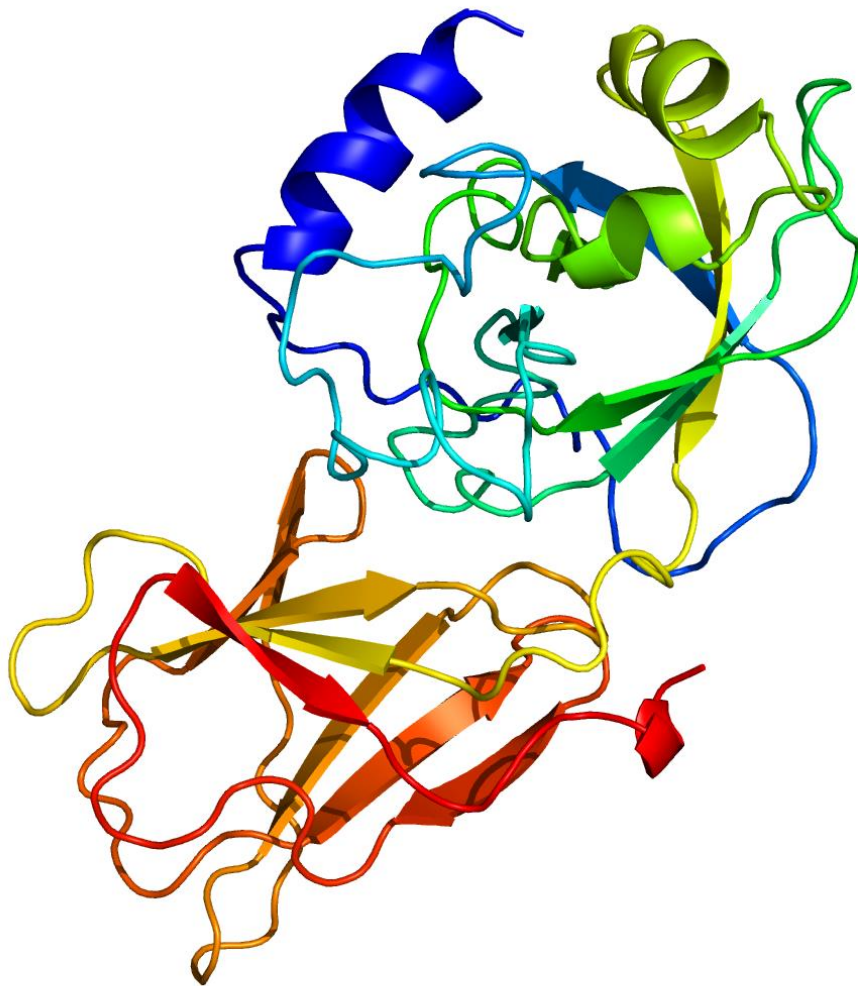
**Locus:** Bol038778

**Gene Model:** Bol038778

**Description:** BolEXPB-09

**Family:** Beta Expansin

**3D structure:**



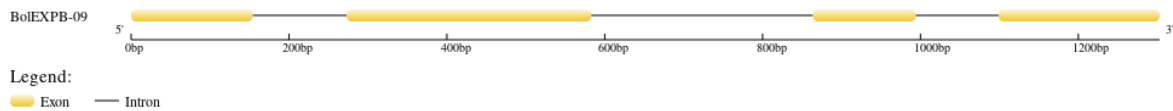
## GENOME DATABASES

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

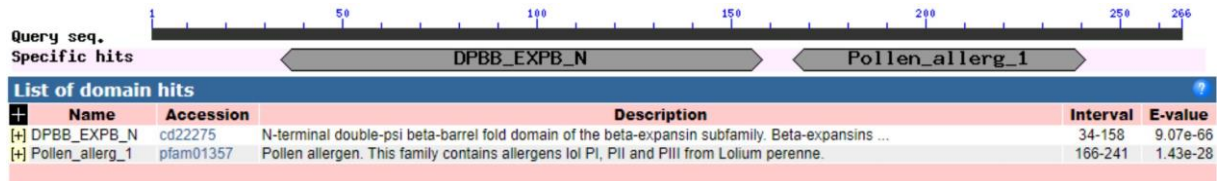
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>BolEXPB-09

MQLLPTLCFLFLQLLPRGDASTSHSNRHRSAPHWLPATATWYGSPEGDGSSGGACGY  
GSLVDVKPFKARVGA VSPLLFKSGEGCGACYKVRCLDKTICKRAVTIIVTDQSPSGP  
SARAKHTHFDLSGA AFGHLAIPGHSIIRNRGLISLLYRRTACKYREKNIAFHVNAGST  
AYWLSLLIEYEDGEGDIGSMHIRQAGSKEWIAMKHIWGANWCIVGGPLKGPLSVKLT  
TLSNNKTLAADVIPKKWVPKATYTSRLNFPVL\*

### CDS (coding sequence)

>BolEXPB-09

ATGCAGCTCCTACCGACACTCTGCTTCTTGTTCTTGCAGCTGCTGCCGAGAGGAG  
ACGCATCCACCTCTCACTCTAATCGCCACAGATCAGCCCCACATTGGCTCCCCGC  
CACGGCCACCTGGTACGGAAGTCCTGAGGGCGATGGCAGCAGCGGAGGAGCATG  
CGGGTATGGGTGCTGGTGGACGTGAAGCCGTTCAAGGCTCGCGTTGGAGCAGTG  
AGTCCGTTGCTGTTCAAGAGCGGCGAAGGCTGCGGTGCTTGTACAAGGTCAGGT  
GTCTGGACAAGACCATCTGCTCAAAGAGAGCAGTCACAATAATTGTCACAGACC  
AGTCACCGTCAGGACCATCTGCTCGAGCAAAGCACACTCACTTTGACCTTAGTGG  
CGCCGATTTGGCCATTTGGCTATCCCCGGCCATTCCGGCATCATCCGCAACCGC  
GGCCTCATCTCCCTCCTCTATCGCCGGACGGCATGCAAATACAGAGAGAAGAACA  
TAGCATTCCATGTGAACGCAGGATCAACAGCTTATTGGTTATCTCTTCTCATTGAG  
TATGAAGACGGAGAAGGTGACATTGGCTCTATGCACATTCGTCAAGCGGGGTCG  
AAGGAGTGGATAGCAATGAAGCACATATGGGGAGCAAACCTGGTGCATCGTCGGA  
GGACCACTAAAGGGACCACTCTCCGTTAAGCTCACCCTTTGTCAAACAACAAAA  
CGCTCTCCGCAGCTGACGTCATCCCCAAAAAATGGGTGCCAAAGCTACTTACAC  
CTCCCGCCTCAACTTCTCCCCTGTCCTCTAA

### Nucleotide

>BolEXPB-09

ATGCAGCTCCTACCGACACTCTGCTTCTTGTTCTTGCAGCTGCTGCCGAGAGGAG  
ACGCATCCACCTCTCACTCTAATCGCCACAGATCAGCCCCACATTGGCTCCCCGC  
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CCTACACCCTCTTCTTTCTTTTACTTGCTCTTGATTTTTTTTGGACTCCAACAAATTAA  
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GGTCAGGTGTCTGGACAAGACCATCTGCTCAAAGAGAGCAGTCACAATAATTGTC  
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TGTATATTCCTTTAATTGGCATTCTCTTTTTTTTTTTTTGTTTTTTTTTTATAATTCCTT  
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GTGGATAGCAATGAAGCACATATGGGGAGCAAACCTGGTGCATCGTCGGAGGACC  
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TCCGCAGCTGACGTCATCCCCAAAAAATGGGTTCCCAAAGCTACTTACACCTCCC  
GCCTCAACTTCTCCCCTGTCCTCTAA