

## IDENTIFICATION

**Species:** *Brassica oleracea capitata*

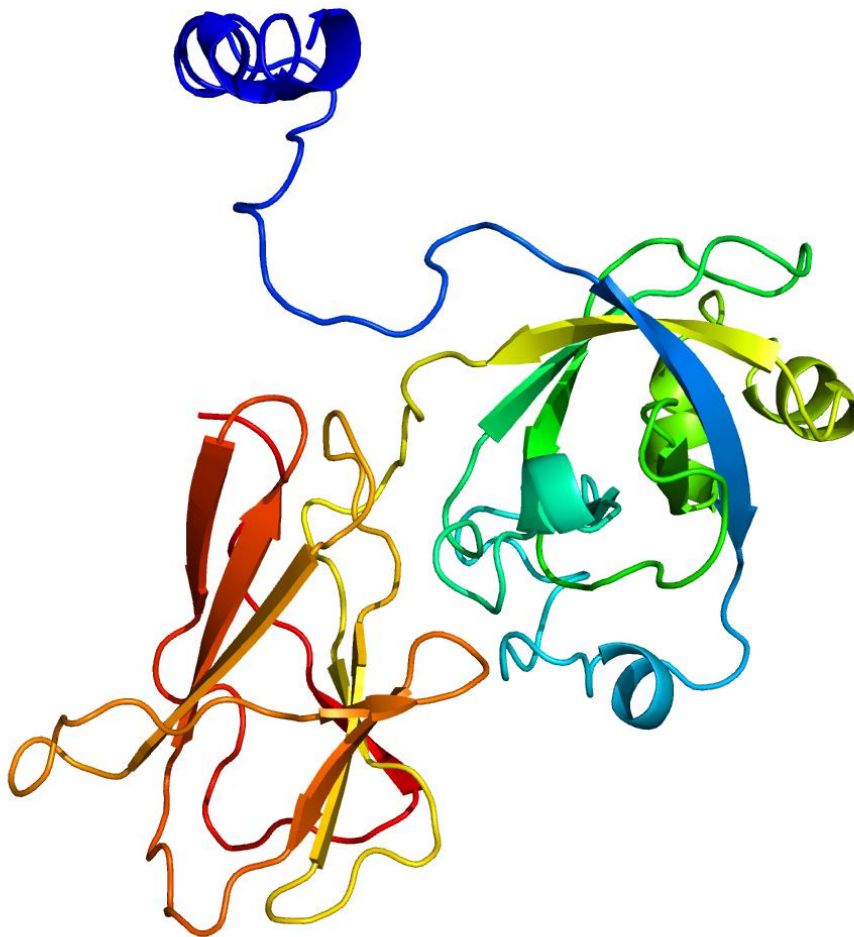
**Locus:** Bol030151

**Gene Model:** Bol030151

**Description:** BolEXPB-03

**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)

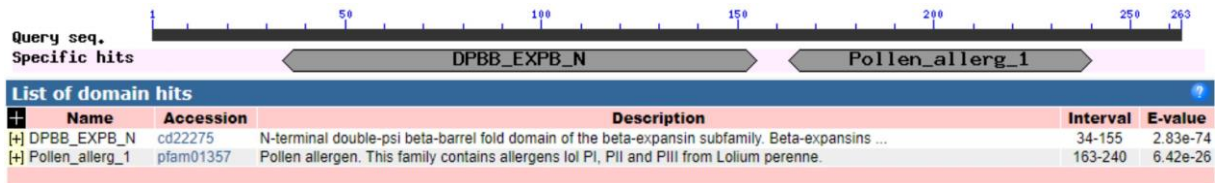
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>BolEXPB-03

MNLFFGLTFILLNSAHC FYPKRLNISAATGDS DWSLAGATWYGSPTGYGSNGGACGY  
ENAVAQAPFSSMVSAGGPSLYKSGKGC GACYQIKCTSKPACSTNPVTVITDECKGC  
VTESVHFDLSGTAFGALASSGQDSQLRDVGV LQILYRKVECN YIGETVTFHVENGSN  
PYSFAALIEYEDGDGEIGLVELKQALDSDTWLPMSQSWGAVWKLDVTSPLRAPLSLR  
LTNLDSETVVASDVIPAGWEPGEKYKSNVNFQV\*

### CDS (coding sequence)

>BolEXPB-03

ATGAACTTATTCTTTGGTCTAACTTTTATTCTATTAACTCTGCTCATTGCTTTTAC  
CCAAAAGACTCAATATTTCTGCTGCAACGGGCGATT CAGATTGGTCTCTAGCTG  
GAGCTACGTGGTATGGCAGCCCCACCGGCTACGGAAGCAACGGTGGAGCGTGTG  
GTTATGAAAATGCTGTGGCACAAGCTCCGTTTTTCGTCCATGGTATCAGCCGGAGG  
TCCGTCGTTGTATAAGTCGGGAAAGGATGTGGTGCATGTTATCAGATAAAATGC  
ACTTCGAAACCAGCGTGTTCAACGAACCCGGTTACGGTAGTGATTACAGATGAAT  
GTAAAGGATGCGTCACAGAATCGGTTCAATTCGATTTGAGCGGTACAGCGTTTGG  
TGCACTGGCGAGTTCTGGTCAAGATAGTCAGCTTCGAGATGTCGGAGTTTTGCAG  
ATTCTTTATAGAAAAGTTGAGTGCAACTATATTGGCGAAACGGTGACGTTTCAG  
TGAAAATGGTTCAAACCCCTACTCCTTCGCGGCTTTGATTGAGTATGAAGACGG  
AGACGGGGAGATCGGCCTAGTTGAACTCAAACAAGCTTTAGATTTCGGACACATG  
GCTTCCGATGAGCCAATCATGGGGTGCGGTGTGGAAGCTTGACGTGACGTCACCT  
TTACGGGCTCCACTGTCTCTCCGGTTGACTAATCTAGACTCCGGCGAGACCGTTGT  
GGCTTCTGATGTTATTCCGGCCGGTTGGGAGCCCGGTGAAAAGTATAAATCGAAC  
GTAAACTTTCAAGTCTAG

### Nucleotide

>BolEXPB-03

ATGAACTTATTCTTTGGTCTAACTTTTATTCTATTAACTCTGCTCATTGCTTTTAC  
CCAAAAGACTCAATATTTCTGCTGCAACGGGCGATT CAGATTGGTCTCTAGCTG  
GAGCTACGTGGTATGGCAGCCCCACCGGCTACGGAAGCAACGGTATACTATGCA

ACATGCACTTACATCTCTATATAAATTATTTAGCTCTATATATAAACTAACTAGA  
CTACAAAATAATGAAAGGTGGAGCGTGTGGTTATGAAAATGCTGTGGCACAAGC  
TCCGTTTTTCGTCCATGGTATCAGCCGGAGGTCCGTCGTTGTATAAGTCGGGGAAA  
GGATGTGGTGCATGTTATCAGGTTCTACATGATAAACTTATTACAATAAAGAAAG  
CGTTTAATAAATTAAGTCCTTACGTTGGTTGATATAATGTACAGATAAAATGCA  
CTTCGAAACCAGCGTGTTC AACGAACCCGGTTACGGTAGTGATTACAGATGAATG  
TAAAGGATGCGTCACAGAATCGGTTCA TTTTCGATTTGAGCGGTACAGCGTTTGGT  
GCACTGGCGAGTTCTGGTCAAGATAGTCAGCTTCGAGATGTCGGAGTTTTGCAGA  
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TTATGATAAAGTTTGGTTATTGTTTTTGGTTGTAATTATTGTTTTTCGCTTATTTGTTT  
GTAGAGTTGAGTGCAACTATATTGGCGAAACGGTGACGTTTCACGTGGAAAATGG  
TTCAAACCCCTACTCCTTCGCGGCTTTGATTGAGTATGAAGACGGAGACGGGGAG  
ATCGGCCTAGTTGAACTCAAACAAGCTTTAGATTCGGACACATGGCTTCCGATGA  
GCCAATCATGGGGTGCGGTGTGGAAGCTTGACGTGACGTCACCTTTACGGGCTCC  
ACTGTCTCTCCGGTTGACTAATCTAGACTCCGGCGAGACCGTTGTGGCTTCTGATG  
TTATTCCGGCCGGTTGGGAGCCCGGTGAAAAGTATAAATCGAACGTAAACTTTCA  
AGTCTAG