

IDENTIFICATION

Species: *Brassica oleracea capitata*

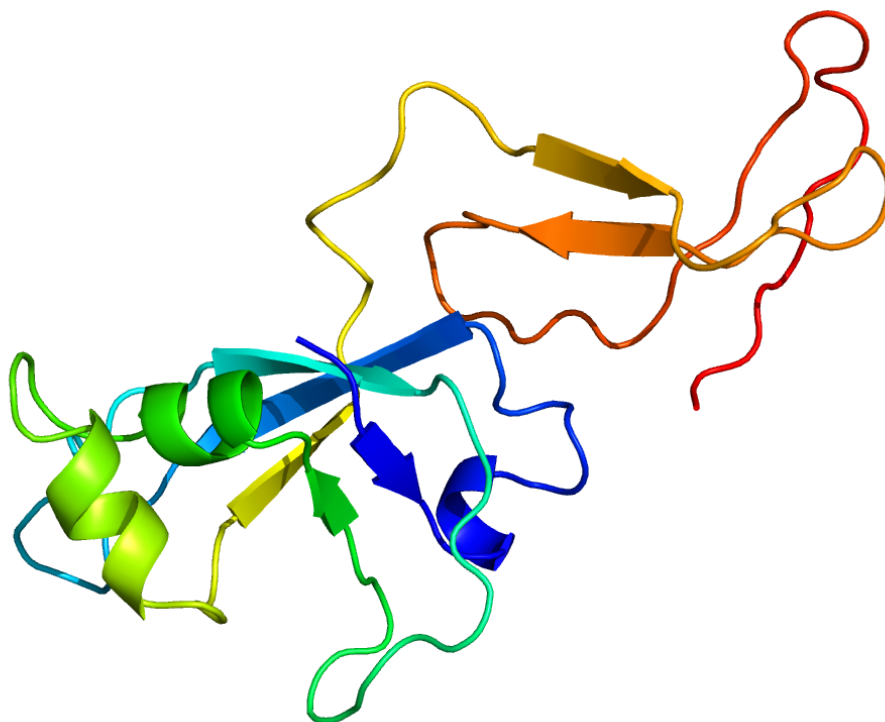
Locus: Bol030157

Gene Model: Bol030157

Description: BolEXPB-06

Family: Beta Expansin

3D structure:



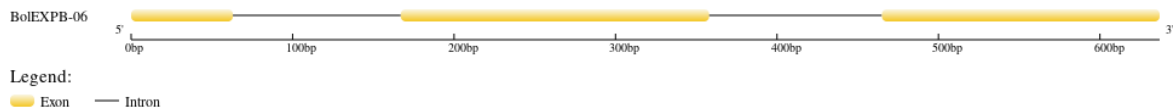
GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Boleraceacapitata_v1_0

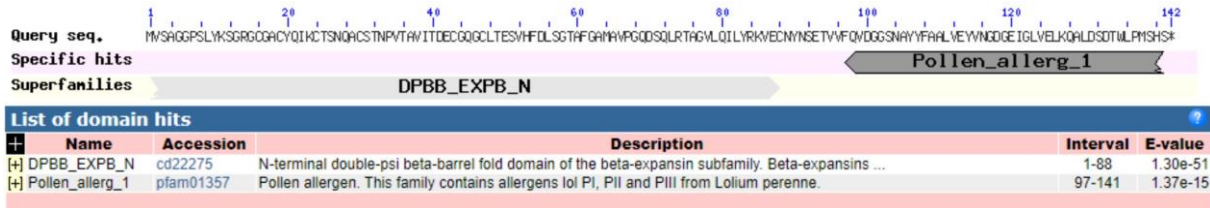
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BolEXPB-06

MVSAGGPSLYKSGRGCACGYQIKCTSNQACSTNPVTA VITDECGQGCLTESVHFDLS
GTAFGAMAVPGQDSLRTAGVLQILYRKVECNYNSETVVFQVDGGSNAYYFAALVE
YVNGDGEIGLVELKQALDSDTWLPMSSH*

CDS (coding sequence)

>BolEXPB-06

ATGGTATCAGCCGGAGGTCCGTCGTTGTATAAGTCGGGGAGAGGATGTGGTGCAT
GTTATCAGATAAAATGCACTTCGAACCAGGCGTGTTTCGACGAATCCGGTTACGGC
AGTGATTACAGACGAATGTGGACAAGGATGCCTCACAGAGTCGGTTCATTTTCGAT
TTGAGCGGTACAGCGTTTGGTGCATGGCCGTTCCCGGTCAAGATAGTCAGCTTC
GAACTGCAGGAGTTTTGCAGATTCTTTATAGAAAAGTTGAGTGCAACTATAATAG
CGAAACGGTGGTGTTC AAGTGGACGGAGGTTCTAACGCCTACTACTTCGCGGCT
TTGTTGAGTATGTAAACGGAGACGGCGAAATAGGCCTAGTTGAACTCAAACAA
GCGTTAGATTCTGACACATGGCTTCCGATGAGCCACTCATAA

Nucleotide

>BolEXPB-06

ATGGTATCAGCCGGAGGTCCGTCGTTGTATAAGTCGGGGAGAGGATGTGGTGCAT
GTTATCAGGTCTGCATGATCAAATAATTACAATTAAGCAGAAGCGTTTAATACA
TTTAAAATATATCAAAAAGTTTTTAAAAAATTACACGTTTGGTTAATATAATGCAC
AGATAAAATGCACTTCGAACCAGGCGTGTTTCGACGAATCCGGTTACGGCAGTGAT
TACAGACGAATGTGGACAAGGATGCCTCACAGAGTCGGTTCATTTTCGATTTGAGC
GGTACAGCGTTTGGTGCATGGCCGTTCCCGGTCAAGATAGTCAGCTTCGAACTG
CAGGAGTTTTGCAGATTCTTTATAGAAAAGTATATATGTCACATTAGATAAATAAC
TACAACAATATTGTTATATGCTAATGTTTGGTTTATTGATTTTGTCTAAATATTGT
ACTTTCATTTATATATATTGTAGAGTTGAGTGCAACTATAATAGCGAAACGGTGG
TGTTTCAAGTGGACGGAGGTTCTAACGCCTACTACTTCGCGGCTTTGGTTGAGTAT

GTAAACGGAGACGGCGAAATAGGCCTAGTTGAACTCAAACAAGCGTTAGATTCT
GACACATGGCTTCCGATGAGCCACTCATAA