

IDENTIFICATION

Species: *Brassica oleracea capitata*

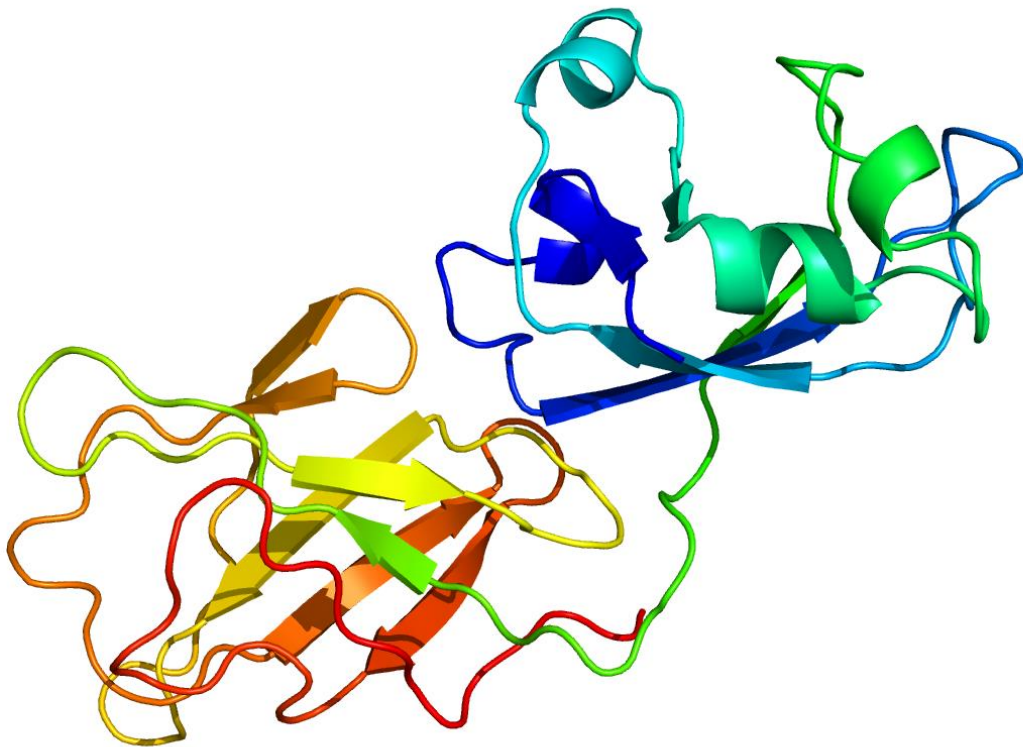
Locus: Bol030152

Gene Model: Bol030152

Description: BolEXPB-04

Family: Beta Expansin

3D structure:



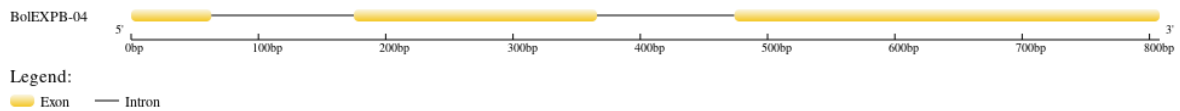
GENOME DATABASES

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

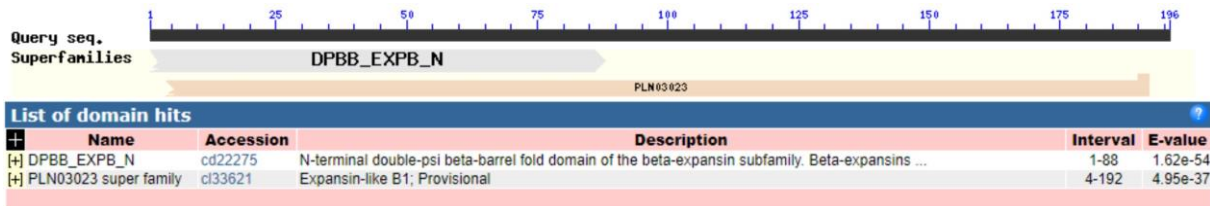
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BolEXPB-04

MVSAGGPSLYKSGRGCACGYQIKCTSNQACSTNPVTVVITDECQGCLTESVHFDLS
GTAFGAMAVPGQDSQLRNAGVLQILYRKVECNYNGEMVVFQVDGGSNAYYFAALV
EYVNGDGEIGQVELKQALESDTWLPMSHSWGAVWKLEVTSPLRAPLSLRLTYLDSG
KTVVASDVIPAGWQPGAKYKSNVNFQV*

CDS (coding hits sequence)

>BolEXPB-04

ATGGTATCAGCCGGAGGTCCATCGTTGTATAAGTCGGGGAGAGGATGTGGTGCAT
GTTATCAGATAAAATGCACTTCGAACCAGGCGTGTTCGACGAATCCTGTTACGGT
AGTGATTACAGACGAATGTGGACAAGGATGCCTCACAGAGTCGGTTCATTTTCGAT
TTGAGCGGTACAGCGTTTGGTGCATGGCCGTTCCCGGTCAAGATAGCCAGCTTC
GAAATGCAGGAGTTTTGCAGATTCTTTATAGAAAAGTTGAGTGCAACTATAATGG
CGAAATGGTGGTGTTC AAGTGGACGGAGGTTCTAACGCCTACTACTTCGCGGCT
TTGGTTGAGTATGTAAACGGAGACGGTGAAATAGGCCAAGTTGAACTCAAACAA
GCGTTAGAATCTGACACATGGCTTCCAATGAGCCACTCATGGGGTGCGGTGTGGA
AGCTTGAAGTTACATCACCTTTGCGAGCTCCACTGTCTCTTCGGTTGACTTATCTA
GACTCCGGCAAGACCGTTGTGGCTTCTGATGTTATACCGGCTGGTTGGCAGCCCG
GTGCAAAGTATAAATCGAACGTAAACTTCCAAGTCTAG

Nucleotide

>BolEXPB-04

ATGGTATCAGCCGGAGGTCCATCGTTGTATAAGTCGGGGAGAGGATGTGGTGCAT
GTTATCAGGTTCTGCATGATCAAATAATTACAATTAAGCAGAAGCGTTTAATAC
ATTTAAAATATATCAAAGTTTAAAAGGTTAAAAAAAATTATACGTTTGGTTAATA
TAATGCACAGATAAAATGCACTTCGAACCAGGCGTGTTCGACGAATCCTGTTACG
GTAGTGATTACAGACGAATGTGGACAAGGATGCCTCACAGAGTCGGTTCATTTTCG
ATTTGAGCGGTACAGCGTTTGGTGCATGGCCGTTCCCGGTCAAGATAGCCAGCT
TCGAAATGCAGGAGTTTTGCAGATTCTTTATAGAAAAGTATACATGTACATTAGA

TAAATAACTACAACAATATTGTTATATGCTAATGTTTGGTTTATTGATTTTGTCT
AAATATTGTACTTTCATTTATATATGTTTGTAGAGTTGAGTGCAACTATAATGGCG
AAATGGTGGTGTTC AAGTGGACGGAGGTTCTAACGCCTACTACTTCGCGGCTTT
GGTTGAGTATGTAAACGGAGACGGTGAAATAGGCCAAGTTGAACTCAAACAAGC
GTTAGAATCTGACACATGGCTTCCAATGAGCCACTCATGGGGTGCGGTGTGGAAG
CTTGAAGTTACATCACCTTTGCGAGCTCCACTGTCTCTTCGGTTGACTTATCTAGA
CTCCGGCAAGACCGTTGTGGCTTCTGATGTTATACCGGCTGGTTGGCAGCCCGGT
GCAAAGTATAAATCGAACGTAAACTTCCAAGTCTAG