

IDENTIFICATION

Species: *Brassica oleracea capitata*

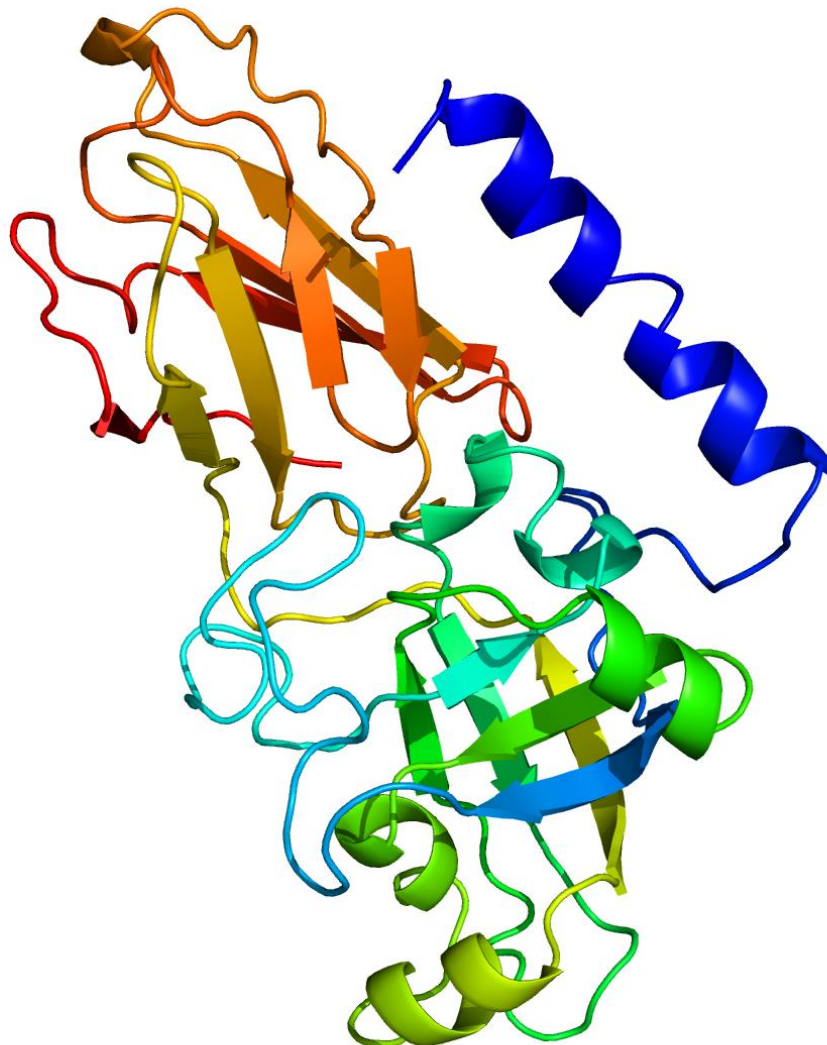
Locus: Bol030158

Gene Model: Bol030158

Description: BolEXPB-07

Family: Beta Expansin

3D structure:



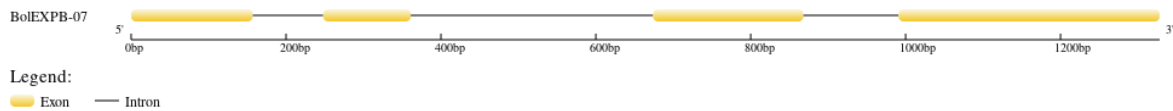
GENOME DATABASES

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

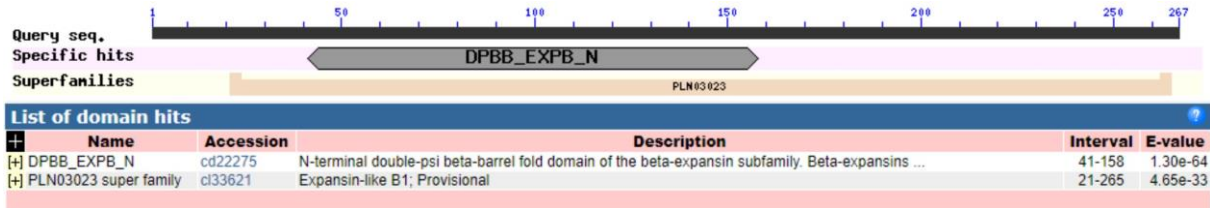
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BolEXPB-07

MTPFHKCFALLALFAASFKFCYQNETINAAGWADADAGATWYGEPEGAGSTGRAC
GYGVAVANPLYAMVSAGGPSLFNNGKCGCTCYQIMCTGNPACSGSPITVTITDECP
GGPCVSEPVHFDLSRKAMGALAKPGQAAQLRSAGPLSVSYRRAACLYQGTEIAFHV
DAGSTPFYVAFVVEYENGEGLASVEIQPASGGFMPKGFMPMQEMRSAEWKLNSGG
PLSGPFNIRLTSGESRKVVVAQAVIPADWKPDQTYRSIVNF*

CDS (coding sequence)

>BolEXPB-07

ATGACACCCTTCCATAAATGCTTTGCCCTTTTAGCTCTTTTTGCAGCCTCATTAA
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GCTGGTGCTACTTGGTACGGTGAACCAGAGGGAGCAGGTAGCACCGGAAGAGCT
TGTGGATATGGCGTGGCAGTGGCTAATCCACCGCTATACGCGATGGTTTCAGCCG
GAGGCCCTTCACTATTCAACAATGGAAAAGGATGTGGAACATGTTATCAGATTAT
GTGCACCGGGAATCCAGCATGTTTCAGGGAGCCAATAACGGTGACGATAACGGA
CGAGTGTCCCGGTGGTCCTTGCCTCTCTGAGCCAGTTCATTTTGACCTTAGTCGCA
AAGCCATGGGAGCCTTAGCCAAACCTGGCCAAGCCGCTCAACTACGAAGCGCTG
GTCCTCTAAGTGTTAGTTACAGACGTGCTGCGTGTTTATATCAAGGAAGTGAAT
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ACGAAAACGGTGAAGGAGATTTGGCCTCCGTTGAGATTCAACCGGCCAGCGGAG
GATTTATGCCCAAAGGATTTATGCCCATGCAAGAAATGAGGTCCGCCGAGTGGAA
GTAAACTCCGGCGGTCCACTGAGCGGGCCGTTAACATTAGACTAACATCTGGC
GAGTCTCGTAAAGTAGTGGTGGCTCAGGCTGTTATTCCGGCGGATTGGAAGCCTG
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Nucleotide

>BolEXPB-07

ATGACACCCTTCCATAAATGCTTTGCCCTTTTAGCTCTTTTTGCAGCCTCATTAA
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TTTACATACATATATATATATAAAGCAATAAACGTCCTATTTTATTTATGCAAAA
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TTGACCTTAGTCGCAAAGCCATGGGAGCCTTAGCCAAACCTGGCCAAGCCGCTCA
ACTACGAAGCGCTGGTCCTCTAAGTGTTAGTTACAGACGGTACGTATAAATCAGA
TTGTTCCCTCTTATATAGTATTGGTGATGTTTCCTACACAATTATCTACTTTTTTGT
CGTGAATATTTTTTGATTTTTTTTTGTTTTCTATGTTATGTTGTTCCAGTGCTGCGT
GTTTATATCAAGGAACTGAAATAGCTTTTCATGTTGATGCCGGTCTACCCCGTTC
TACGTGGCATTTCGTTGTGGAATACGAAAACGGTGAAGGAGATTTGGCCTCCGTTG
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AATGAGGTCCGCCGAGTGGAAGTTAAACTCCGGCGGTCCACTGAGCGGGCCGTTT
AACATTAGACTAACATCTGGCGAGTCTCGTAAAGTAGTGGTGGCTCAGGCTGTTA
TTCCGGCGGATTGGAAGCCTGATCAGACGTATAGGTCGATTGTTAACTTCTAG