

IDENTIFICATION

Species: *Brassica oleracea capitata*

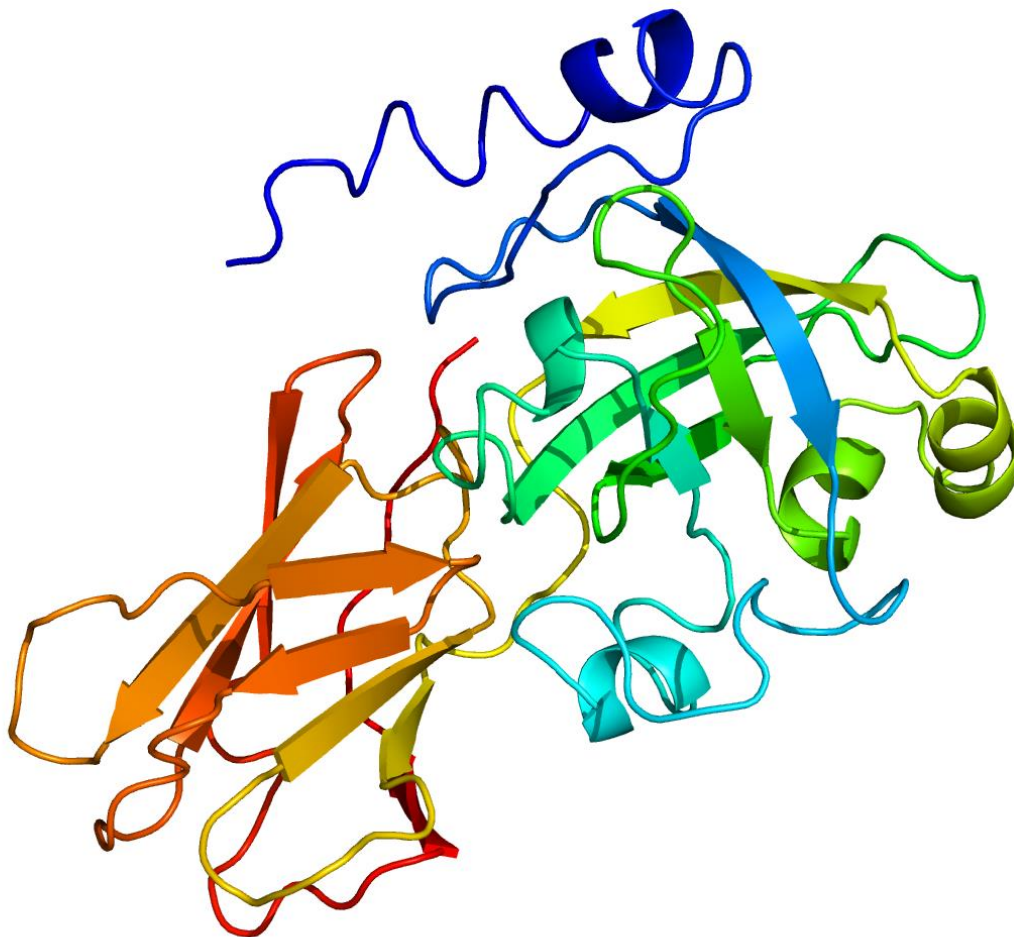
Locus: Bol042385

Gene Model: Bol042385

Description: BolEXPB-08

Family: Beta Expansin

3D structure:



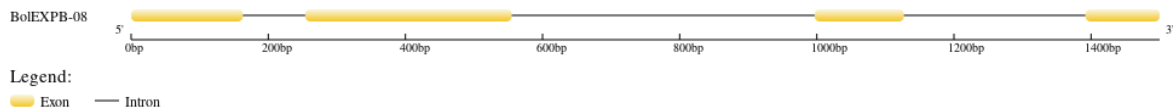
GENOME DATABASES

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

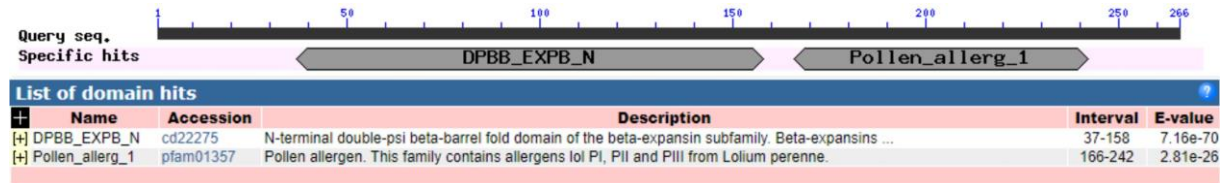
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BolEXPB-08

MQLPPAILLATLCIVLQLLNISASVILNRHVSNAHWLPAVATWYGSANGDGSDDGGAC
GYGTLVDVKPFHARVGA VNPILFKNGEGCGACYKVRCLDRSICSRRAVTVIVTDECP
GCKTNTNTHFDLSGA AFGRLAITGESGPLNRGLIPVIYRRTACKYRRKNIAFHVNEGS
TDFWLSLLVEFEEGEGDIGSMHIRQAGAREWLEMKHVWGANWCIIGGPLKGPFSVKI
TTLSAGRTLSATDVVPRNWVPKATYTSRLNFSPVL*

CDS (coding sequence)

>BolEXPB-08

ATGCAGCTCCCTCCGGCCATCATCTTAGCCACACTCTGCATTGTCCTGCAGCTTCT
GAATATCTCCTCCGCCTCGGTGATTCTCAATCGCCACGTGTCAAACGCTCACTGGC
TTCCGGCCGTGGCCACATGGTACGGAAGCGCCAACGGCGACGGAAGCGATGGAG
GAGCGTGTGGGTACGGTACTTTGGTGGACGTGAAGCCGTTCCATGCGAGAGTTGG
AGCTGTGAACCCTATTCTCTTCAAAAACGGTGAAGGCTGTGGAGCTTGTTACAAG
GTTCGGTGCTTGGACAGGAGTATCTGTTCCCGGAGAGCCGTCCTACTGTCATCGTCA
CTGACGAGTGCCCCGGCTGCTCCAAAACCAACACTCACTTTGATCTCAGTGGTGC
AGCCTTTGGTCGTTTGGCTATCACCGGAGAGTCTGGTCCCCTCCGCAACCGTGGTC
TCATCCCCGTAATTTACCGGAGGACGGCATGCAAATATAGACGGAAGAACATAG
CGTTCATGTGAACGAAGGATCAACTGATTTCTGGTTGTCTCTACTGGTCGAGTTC
GAAGAAGGAGAAGGCGACATTGGCTCCATGCATATTCGCCAAGCAGGAGCGAGG
GAATGGTTAGAGATGAAGCATGTATGGGGAGCCAACCTGGTGCATTATAGGAGGG
CCACTCAAAGGACCATTCTCCGTC AAGATCACCACTTTGTCCGCCGGTAGAACAC
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Nucleotide

>BolEXPB-08

ATGCAGCTCCCTCCGGCCATCATCTTAGCCACACTCTGCATTGTCCTGCAGCTTCT
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ATTTCCAACACATAACTAAACCTCATGACTTCACATTCTAGCTAGCGAGTCTTTTC
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TCACCGGAGAGTCTGGTCCCCTCCGCAACCGTGGTCTCATCCCCGTAATTTACCG
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AATATTGATATTTTAAGAAGAGAGAGACTAGTTTTTTTGTTCCTTAATGGTAAGAAG
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TGTC