

IDENTIFICATION

Species: *Brassica oleracea capitata*

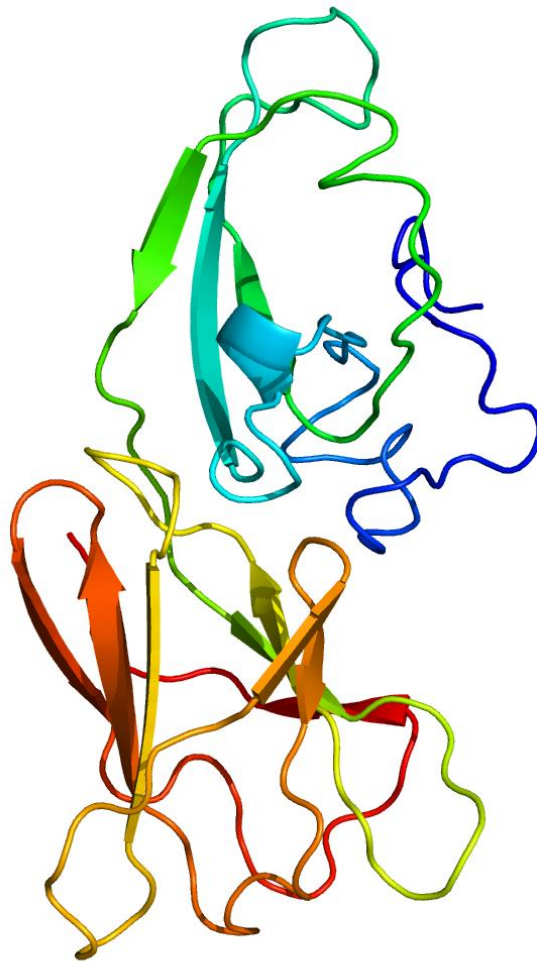
Locus: Bol016568

Gene Model: Bol016568

Description: BolEXPA-04

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

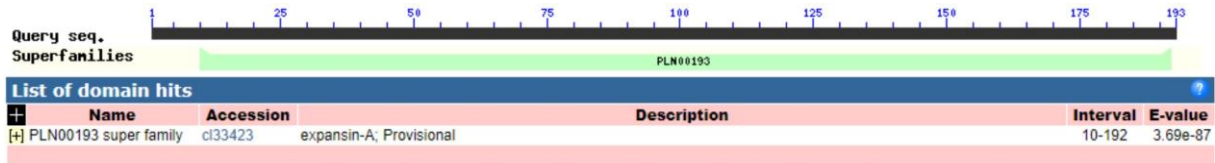
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BolEXPA-04

MQPSMVEVIASDTMGGACGYGNLYTDGYKTNTAALSTALFNDGKSCGGYYQIVCD
ASKVPQWCLKGRYITITATNFCPPNFAQASDNGGWVGCRRGGGMRFMTMNGRDYFEL
VLISNVGGAGEISKVWIKGSRSNKWKTM SRNWGANSQSNTYLNQSLSFKVQLSNG
RTKVALNVVPSNWRFGQSFKSNIQF*

CDS (coding sequence)

>BolEXPA-04

ATGCAACCTTCTATGGTGGAAAGTGATAGCTTCTGATACAATGGGTGGAGCTTGTG
GTTATGGAAACCTATACACGGACGGTTACAAGACAAACACTGCGGCATTGAGCA
CCGCACTGTTCAATGACGGTAAGTCATGTGGTGGCTATTACCAGATTGTCTGCGA
CGCGAGCAAAGTGCCACAATGGTGTCTTAAAGGCAGATACATTACAATCACAGC
CACAACTTCTGTCCACCAAACCTTTGCTCAGGCAAGCGACAATGGAGGATGGGTT
GGATGCAGAAGAGGTGGAGGGATGAGATTCACCATGAACGGTAGGGACTATTTC
GAGCTAGTCCTCATCTCAAACGTAGGAGGAGCTGGTGAGATCTCTAAAGTTTGG
TTAAAGTTCTAGGAGCAACAAGTGGAAGACAATGTCAAGAAATTGGGGAGCTA
ACTCGCAAAGCAACACTTACCTCAACGGTCAATCTCTCTCTTTCAAAGTTCAGCTT
AGCAATGGAAGAACCAAAGTAGCTCTCAATGTTGTTCCCTTCGAATTGGCGGTTT
GTCAGAGTTTCAAGAGCAACATCCAATTCTGA

Nucleotide

>BolEXPA-04

ATGCAACCTTCTATGGTGGAAAGTGATAGCTTCTGATACAATGGGTAAAGTTCCCAA
ACGAGGGCTTGACATTTGGTCAAAGCTTTGGGTTAGCACTTTAAACTATGCATAT
GGTTTTCGATATGGAGAACTTATATTATTGAATAATTTTTCACTGGGTCAGTTCA
ATTATATATTTACAAACAATTTTTTTAATATGTATTCTTCTTATGATATGAACTTTT
CATGAGTTTTCTTCTTCTCAAGAACTGATTTATATTTTTTTGTCCTTCTCCAGGT
GGAGCTTGTGGTTATGGAAACCTATACACGGACGGTTACAAGACAAACACTGCG
GCATTGAGCACCGCACTGTTCAATGACGGTAAGTCATGTGGTGGCTATTACCAGA
TTGTCTGCGACGCGAGCAAAGTGCCACAATGGTGTCTTAAAGGCAGATACATTAC
AATCACAGCCACAACTTCTGTCCACCAAACCTTTGCTCAGGCAAGCGACAATGGA

GGATGGTGCAACCCACCAAGACCTCACTTCGATATGGCTCAACCTGCCTTTCTCA
CCATCGCTAAGTACAAAGCTGGAATCGTCCCCATCCTCTATAGAAGGTATTAGAA
TTACAATATATATAGTTACTTGAAGGGTTTTGATCATAAATATTATGTTAAGTTTT
TGAAC TTCCAAGTCAAATCCATCGAACTTCCGATGTGAAAGTATATTCTTACAA
ACATTAAGGTCCATTGTCCATTAATCCTCACTTAATCCAACGCATTGCAAAAATAGT
GTGCTTAGAGGGTTCTTGTTCTTATAGGGTTGGATGCAGAAGAGGTGGAGGGATG
AGATTCACCATGAACGGTAGGGACTATTTGAGCTAGTCCTCATCTCAAACGTAG
GAGGAGCTGGTGAGATCTCTAAAGTTTGGATTAAAGGTTCTAGGAGCAACAAGT
GGAAGACAATGTCAAGAAATTGGGGAGCTAACTCGCAAAGCAACACTTACCTCA
ACGGTCAATCTCTCTCTTTCAAAGTTCAGCTTAGCAATGGAAGAACCAAAGTAGC
TCTCAATGTTGTTCTTCGAATTGGCGGTTTGGTCAGAGTTTCAAGAGCAACATCC
AATTCTGA