

IDENTIFICATION

Species: *Brassica oleracea capitata*

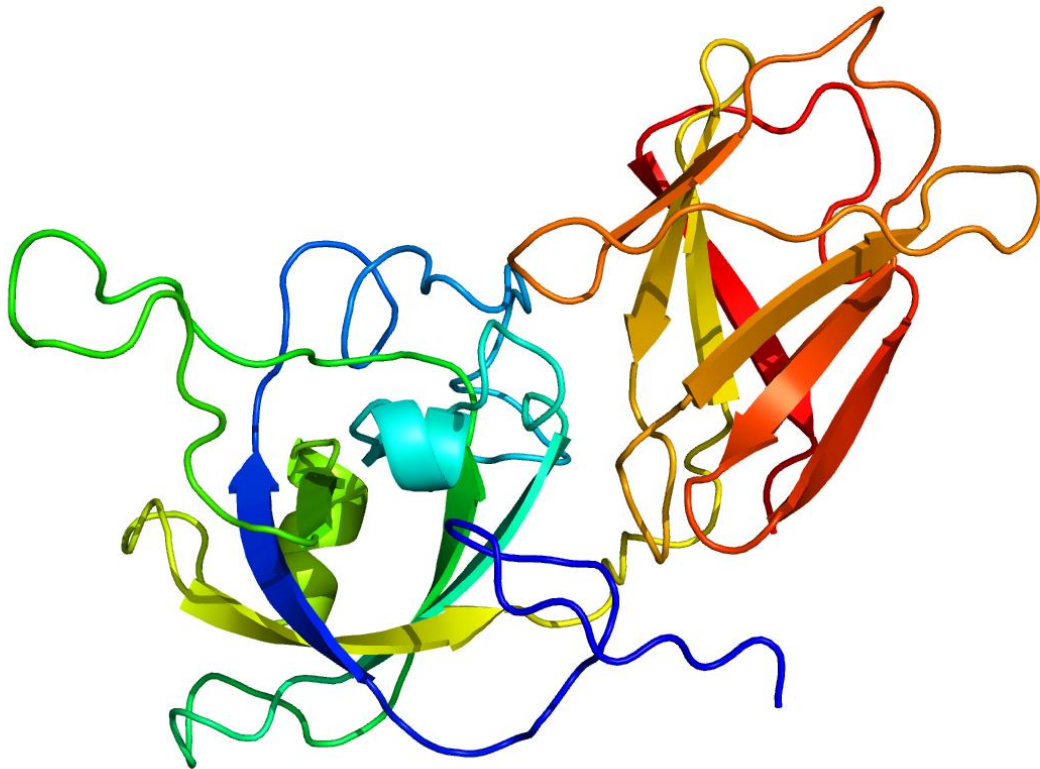
Locus: Bol023923

Gene Model: Bol023923

Description: BolEXPA-18

Family: Alpha Expansin

3D structure:



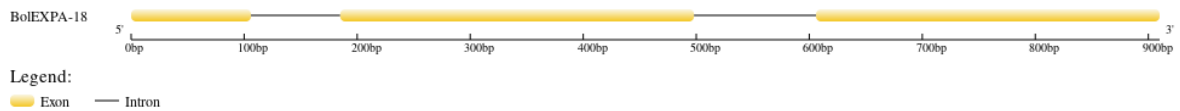
GENOME DATABASES

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

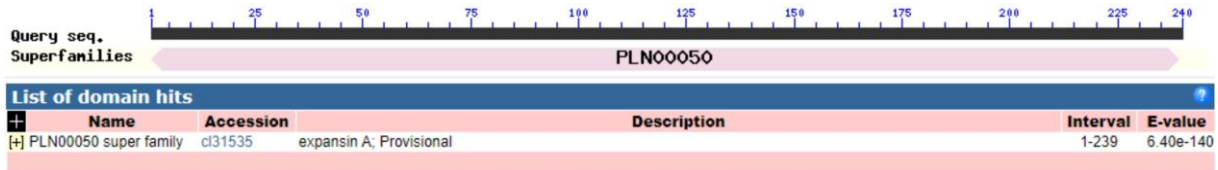
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BolEXPA-18

MVIVGVMTSSVKG YDGGWVNAHATFYGGGDASGTMGGACGYGNLYSQGYGTNTA
ALSTALFNNGLSCGACFEIRCQNDGKWCLPGSIVVTATNF CPPNNALPNNAGGWCNP
PQHF DLSQPVFQRIAQYKAGIVPVAYRRVPCVRRGGIRFTINGHSYFNLVLITNVGG
AGDVHSAWVKGSRTGWQAMSRNWQNWQSN SYLNGQALSFKVTTSDGRTIVSNN
VASAGWSFGQTFTGAQI*

CDS (coding sequence)

>BolEXPA-18

ATGGTTATTGTCGGAGTAATGACGTCAAGTGTGAAGGGCTACGATGGAGGTTGGG
TAAACGCACACGCCACATTTTACGGCGGTGGTGATGCCTCCGGCACCATGGGTGG
TGCTTGTGGGTACGGAAACCTTTATAGCCAAGGCTATGGAACCAACACGGCCGCG
CTGAGCACTGCTCTGTTCAACAACGGGCTGAGCTGTGGTGCTTGCCTCGAGATAA
GATGTCAGAACGACGGCAAATGGTGCCTCCCTGGCTCAATCGTTGTCACAGCGAC
TAACTTTTGCCACCAAACAACGCTTTACCGAACAACGCAGGAGGTTGGTGTAAC
CCTCCTCAGCAGCATTTCGATCTCTCTCAGCCTGTATTTCAACGCATCGCTCAATA
CAAAGCTGGCATTGTCCCCGTCGCCTACAGAAGAGTGCCATGCGTGAGAAGGGG
AGGAATAAGGTTTACGATAAACGGACATTCTTACTTCAACCTTGTCTGATTACG
AACGTCGGAGGAGCTGGAGATGTTCACTCTGCGTGGGTTAAAGGGTCAAGAACA
GGATGGCAAGCCATGTCTAGAACTGGGGGCAAACTGGCAAAGTAACTCTTAT
CTTAACGGACAAGCTCTCTTTCAAAGTCACAACGAGCGATGGTCGCACTATTG
TATCCAACAACGTCGCTTCCGCAGGCTGGTCCTTCGGCCAGACCTTCACCGGCGC
ACAGATATAG

Nucleotide

>BolEXPA-18

ATGGTTATTGTCGGAGTAATGACGTCAAGTGTGAAGGGCTACGATGGAGGTTGGG
TAAACGCACACGCCACATTTTACGGCGGTGGTGATGCCTCCGGCACCATGGGTAA
ATTGCTTCTTCAAAGCTTCAGAGTTTTTCAAATATCACAAC TGTGAAATCTCTG
ACATGTGTGGTCTTTTCAGGTGGTGCTTGTGGGTACGGAAACCTTTATAGCCAAG

GCTATGGAACCAACACGGCCGCGCTGAGCACTGCTCTGTTCAACAACGGGCTGAG
CTGTGGTGCTTGCTTCGAGATAAGATGTCAGAACGACGGCAAATGGTGCCTCCCT
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ACAACGCAGGAGGTTGGTGTAACCTCCTCAGCAGCATTTCGATCTCTCTCAGCC
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GTTCCAAAACAGAGTATTTGCTTTTAGAATCTTACTTTTTATTTTTGCTTTGAAGA
GTGCCATGCGTGAGAAGGGGAGGAATAAGGTTTACGATAAACGGACATTCTTAC
TTCAACCTTGTTCTGATTACGAACGTCGGAGGAGCTGGAGATGTTCACTCTGCGT
GGGTAAAGGGTCAAGAACAGGATGGCAAGCCATGTCTAGAAACTGGGGGCAAA
ACTGGCAAAGTAACTCTTATCTTAACGGACAAGCTCTCTCTTTCAAAGTCACAAC
GAGCGATGGTCGCACTATTGTATCCAACAACGTCGCTTCCGCAGGCTGGTCCTTC
GGCCAGACCTTCACCGGCGCACAGATATAG