

IDENTIFICATION

Species: *Brassica oleracea capitata*

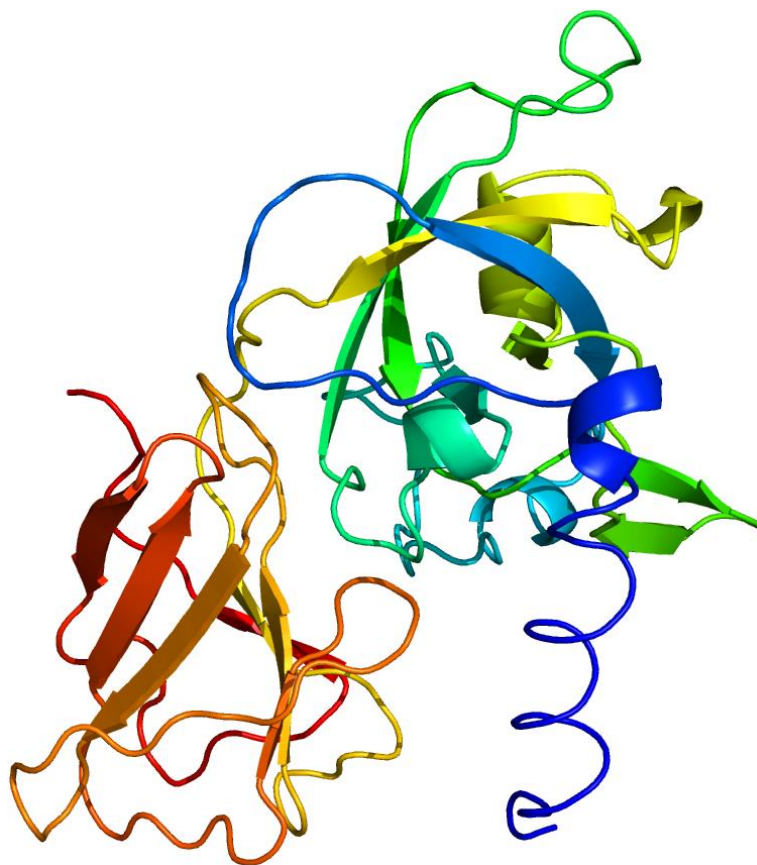
Locus: Bol025571

Gene Model: Bol025571

Description: BolEXPA-11

Family: Alpha Expansin

3D structure:



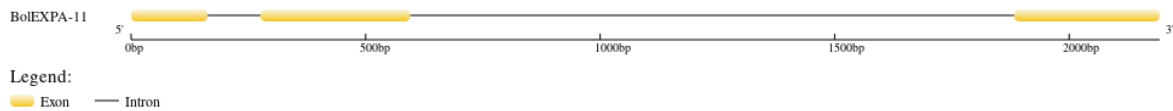
GENOME DATABASES

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

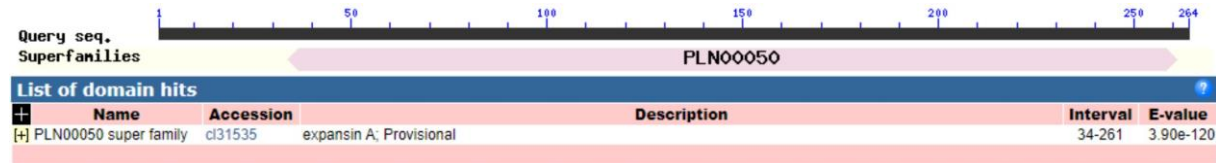
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BolEXPA-11

MAATAFGIRFMWLAVTASLMLTVTNAKIPGVYTGPPWQNAHATFYGGSDASGTMG
GACGYGNLYSQGYGVNTAALSTALFNNGFSCGACFELKCTDDPRWCVPGNPSILVT
ATNFCPPNFAQPSDDGGWCNPPREHFDLAMPFLKIGLYRAGIVPVSYRRVPCRKLG
GIRFTINGFRYFNLVLTNVAGAGDINGVSVKGSKTDWVRMSRNWGQNWQSNVLI
GQALSFRVTASDRRSSTSWNVAPPSWQFGQTFSGKNFRV*

CDS (coding sequence)

>BolEXPA-11

ATGGCGGCGACAGCGTTTGGAAATCCGCTTCATGTGGTTAGCCGTTACGGCTTCCTT
AATGTAAACCGTTACAAACGCCAAAATTCCTGGCGTTTATACCGGTGGACCGTGG
CAGAACGCACACGCTACCTTCTACGGCGGTAGTGACGCTTCCGGCACCATGGGCG
GTGCGTGTGGGTACGGGAATTTATACAGCCAAGGATACGGTGTGAACACGGCGG
CTCTGAGCACTGCCCTGTTCAACAACGGTTTCAGCTGTGGCGCTTGCTTCGAGCTT
AAGTGTACTGACGACCCGAGATGGTGTGTCCCGGGAATCCGTCGATTCTCGTGA
CGGCAACGAACCTTTTGTCCGCCGAATTTGCGCAGCCTAGTGACGACGGAGGATG
GTGCAATCCGCCGCGAGAGCACTTCGACCTTGCCATGCCGATGTTCTCAAGATT
GGTCTGTACCGAGCCGGCATTGTCCCGTCTCCTATCGCAGGGTACCTTGTCGGA
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AGTAACCAACGTCGCTGGTGCCGGAGATATTAATGGAGTGAGCGTGAAGGGATC
GAAGACGGATTGGGTGAGGATGAGTAGGAACCTGGGGACAGAACTGGCAGTCCAA
CGCTGTCTCATTGGCCAAGCTCTTTCTTTCCGAGTCACCGCCTCTGATCGCCGTT
CCTCCACCTCTTGGAACGTTGCTCCTCCCTCGTGGCAGTTTGGTCAGACCTTCTCT
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Nucleotide

>BolEXPA-11

ATGGCGGCGACAGCGTTTGGAAATCCGCTTCATGTGGTTAGCCGTTACGGCTTCCTT
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CAAAGTATGATTTTTTAAAGTTTATCCTTGTTCACAAAAAATAGATTTTTTTATA
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