

IDENTIFICATION

Species: *Brassica oleracea capitata*

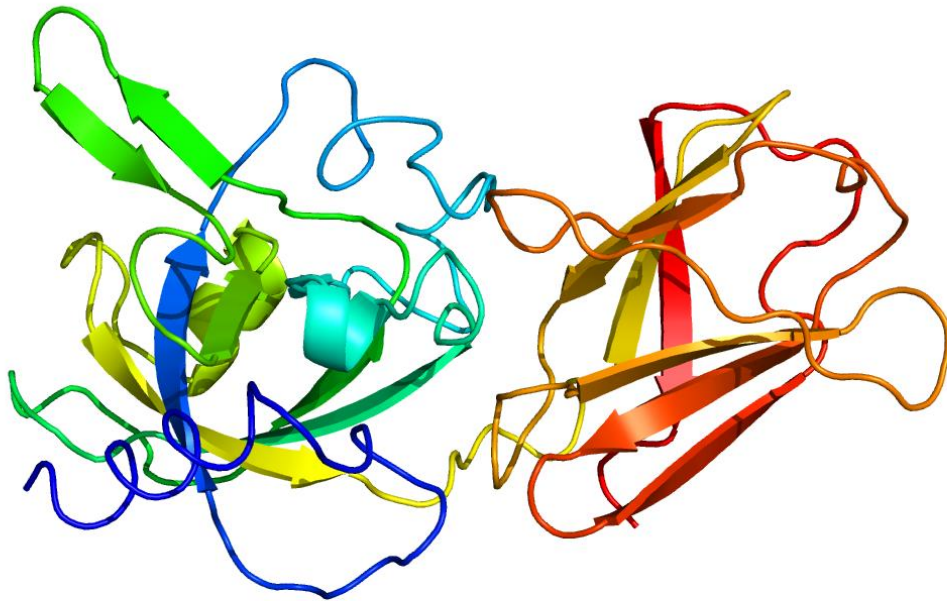
Locus: Bol028570

Gene Model: Bol028570

Description: BolEXPA-03

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

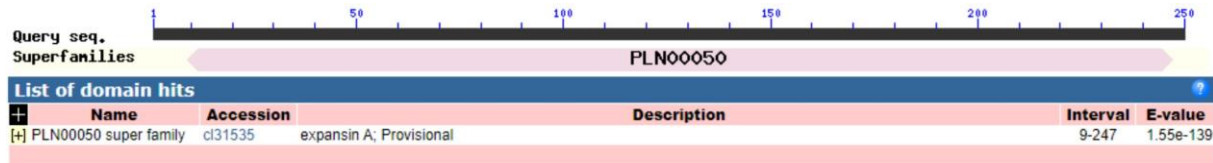
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BolEXPA-03

MGLVSFLVMVVLAVMTSRVNGYGGGWVNAHATFYGGGDASGTMGGACGYGNLY
SQGYGTNTAALSTALFNGLSCGACFEIRCQNDGKWCLPGSIVVTATNFCPPNNALP
NTAGGWCNPPQQHFDLSQPVFQRIAQHKAGIVPVA YRRVSCVRRGGIRFTINGHSYF
NLVLITNVGGAGDVHSAWVKGSRTGWQAMSRNWGQNWQSNSYLNQALSFKVTT
SDGRTIVSNNVASARWSFGQTFTGAQIR*

CDS (coding sequence)

>BolEXPA-03

ATGGGTCTCGTCAGCTTCTTGGTTATGGTTGTTCTCGCAGTAATGACGTCACGTGT
GAATGGATACGGTGGCGGTTGGGTAAACGCACACGCCACGTTCTACGGTGGTGGT
GATGCCTCCGGCACAATGGGAGGTGCTTGTGGGTACGGAAACCTTTATAGCCAAG
GGTATGGAACCAACACGGCGGCGCTGAGCACGGCTCTGTTCAACAACGGATTAA
GCTGCGGTGCTTGCTTCGAGATACGATGCCAAAACGATGGAAAATGGTGTCTCCC
TGGCTCAATCGTCGTCACAGCGACTAACTTCTGCCCTCCTAACAACGCGTTACCG
AACACCGCAGGAGGTTGGTGTAACTCCTCCTCAGCAGCATTTCGATCTCTCTCAGC
CCGTGTTTCAACGCATCGCTCAACACAAAGCTGGCATTGTCCCCGTCGCCTACAG
AAGAGTGTCTTGCGTGAGAAGGGGAGGCATAAGGTTTACTATCAATGGACATTCT
TACTTCAACCTTGTCTGATTACTAATGTGGGAGGAGCCGGAGATGTTCACTCGG
CGTGGGTAAAGGGTTCGAGAACAGGATGGCAAGCCATGTCGAGAACTGGGGAC
AAAACCTGGCAGAGTAACTCTTACCTAAACGGACAAGCTCTCTCTTTCAAAGTCAC
AACCAGCGATGGTCGAACCATCGTTTCTAACAACGTCGCTTCCGCTCGTTGGTCCCT
TCGGCCAGACCTTCACCGGCGCACAGATACGCTAG

Nucleotide

>BolEXPA-03

ATGGGTCTCGTCAGCTTCTTGGTTATGGTTGTTCTCGCAGTAATGACGTCACGTGT
GAATGGATACGGTGGCGGTTGGGTAAACGCACACGCCACGTTCTACGGTGGTGGT
GATGCCTCCGGCACAATGGGAGGTGCTTGTGGGTACGGAAACCTTTATAGCCAAG
GGTATGGAACCAACACGGCGGCGCTGAGCACGGCTCTGTTCAACAACGGATTAA
GCTGCGGTGCTTGCTTCGAGATACGATGCCAAAACGATGGAAAATGGTGTCTCCC

TGGCTCAATCGTCGTCACAGCGACTAACTTCTGCCCTCCTAACAACGCGTTACCG
AACACCGCAGGAGGTTGGTGTAAATCCTCCTCAGCAGCATTTCGATCTCTCTCAGC
CCGTGTTTCAACGCATCGCTCAACACAAAGCTGGCATTGTCCCCGTGCCTACAG
AAGGTAACCTTTTTCTTCAAATCCTCTGTTTTAAACCGGAAACAGAGGACAAAA
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AAAAAACAGAGCTACCCTGTTTTTTTTTTTTTTTTTTGCTTTTCGAAAACAGAGGAG
GTGTTTAGAACTTACTCTGCTTTTGATTTTTGGTTTTGCAGAGTGTCTTGCGTGA
GAAGGGGAGGCATAAGGTTTACTATCAATGGACATTCTTACTTCAACCTTGTTCT
GATTACTAATGTGGGAGGAGCCGGAGATGTTCACTCGGCGTGGGTAAAGGGTC
GAGAACAGGATGGCAAGCCATGTCGAGAAACTGGGGACAAAACCTGGCAGAGTA
ACTCTTACCTAAACGGACAAGCTCTCTTTCAAAGTCACAACCAGCGATGGTCG
AACCATCGTTTCTAACAACGTCGCTTCCGCTCGTTGGTCCTTCGGCCAGACCTCA
CCGGCGCACAGATACGCTAG