

IDENTIFICATION

Species: *Brassica oleracea capitata*

Locus: Bol009904

Gene Model: Bol009904

Description: BolEXPA-24

Family: Alpha Expansin

3D structure:



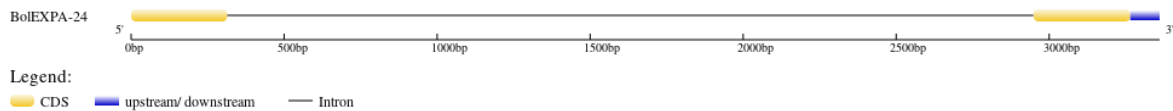
GENOME DATABASES

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

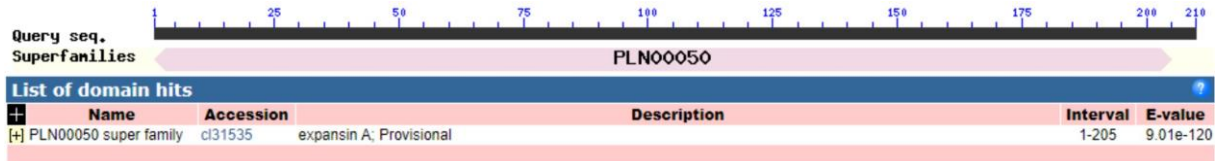
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BolEXPA-24

GGACGYGNLYSQGYNTNTAALSTALFNNGGQSCGACFQIKCVNDPKWCLLGTITVTG
TNFCPPNFAQANDAGGWCNPPQHFDLAQPIFLRIAKYKAGVVPVQYRRVACRRKG
GMRFTINGHSYFNLVLTNVGGAGDVVSVSVKGTTRTGWQSMSRNWGQKWQSNL
DDQALSFKVTTSDGRTVVSNNATPPNWSFGQTYTGKQFRAQR*

CDS (coding sequence)

>BolEXPA-24

GGTGGTGC GTGTGGGTACGGCAACTTATACAGTCAAGGATACAACACAAACACG
GCGGCGCTAAGCACGGCTCTATTCAACGGCGGCCAAAGCTGCGGCGCTTGTTC
AAATCAAATGTGTAAATGACCCAAAATGGTGTCTCCTGGGAACAATCACCGTCAC
CGGCACAAACTTTTGTCCGCCGAAC TTTGCTCAAGCCAACGACGCCGGAGGTTGG
TGCAATCCTCCTCAACACCACTTCGATTTAGCTCAGCCCATCTTTCTCCGCATCGC
TAAATATAAAGCCGGTGTCTGTCCTCCCGTCCAATACCGGAGAGTGGCTTGCCGGAGA
AAAGGAGGGATGCGTTTCACGATCAACGGACACTCATACTTTAACCTCGTACTCA
TAACCAACGTCGGCGGTGCCGGAGACGTTGTTTCGGTCTCTGTCAAAGGAACAAG
GACAGGTTGGCAAAGCATGTCGAGAACTGGGGACAGAAATGGCAAAGCAACTC
GAATCTCGACGACCAAGCTCTCTCCTTCAAAGTAACAACCAGCGATGGACGTACG
GTCGTTTCCAACAACGCTACTCCTCCTAACTGGAGCTTCGGACAGACTTATACCG
GAAAACAGTTCGGAGCTCAGAGGTGA

Nucleotide

>BolEXPA-24

GGTGGTGC GTGTGGGTACGGCAACTTATACAGTCAAGGATACAACACAAACACG
GCGGCGCTAAGCACGGCTCTATTCAACGGCGGCCAAAGCTGCGGCGCTTGTTC
AAATCAAATGTGTAAATGACCCAAAATGGTGTCTCCTGGGAACAATCACCGTCAC
CGGCACAAACTTTTGTCCGCCGAAC TTTGCTCAAGCCAACGACGCCGGAGGTTGG
TGCAATCCTCCTCAACACCACTTCGATTTAGCTCAGCCCATCTTTCTCCGCATCGC
TAAATATAAAGCCGGTGTCTGTCCTCCCGTCCAATACCGGAGGTACTTTGTTTACAT
TTCGCTTTAGGTTGGTTCGGTCAAATCAAAGGACACA ACTAAACCGGTTATGTTC

CACGATCAACGGACTCATACTTTAACCTCGTACTCATAACCAACGTCGGCGGT
GCCGGAGACGTTGTTTCGGTCTCTGTCAAAGGAACAAGGACAGGTTGGCAAAGC
ATGTCGAGAACTGGGGACAGAAATGGCAAAGCAACTCGAATCTCGACGACCAA
GCTCTCTCCTTCAAAGTAACAACCAGCGATGGACGTACGGTCGTTTCCAACAACG
CTACTCCTCCTAACTGGAGCTTCGGACAGACTTATACCGGAAAACAGTTCCGAGC
TCAGAGGTGAGCCGGTAGAACACTGTCGGCCACCGACGTCGTTCCCAGAACTG
GGTTCCTAAAGCAACTTACACTTCTCGCCTTAACTTCTCCCCGTCCTCTGA