

IDENTIFICATION

Species: *Brassica oleracea capitata*

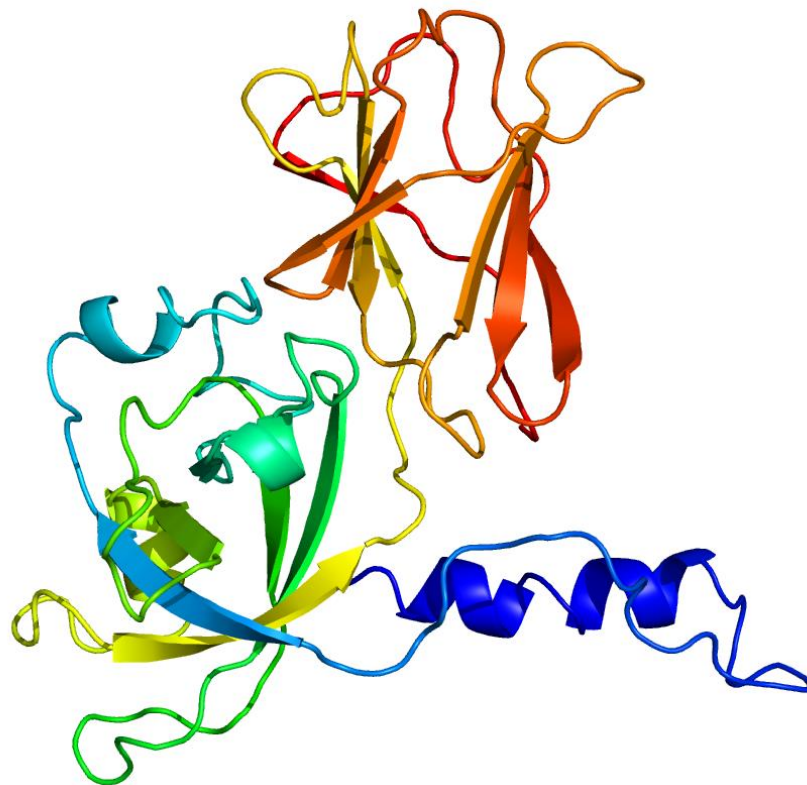
Locus: Bol032269

Gene Model: Bol032269

Description: BolEXPA-23

Family: Alpha Expansin

3D structure:



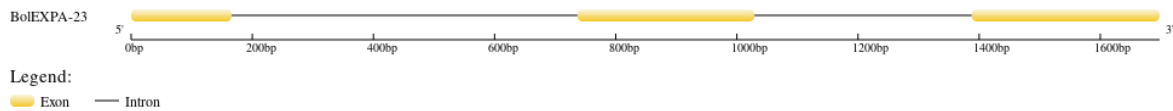
GENOME DATABASES

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

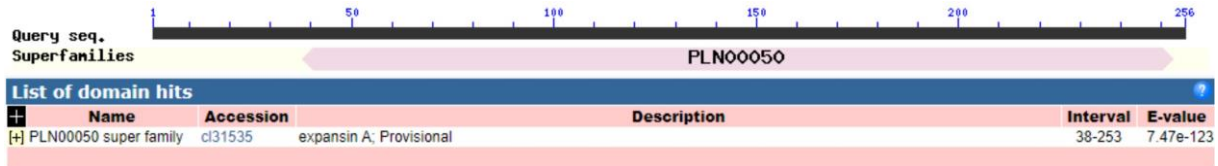
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BolEXPA-23

MGVLVISALLHVLVSFVSVKGFYRRGGHHPGGHMGPWINAHATFYGGGDASGTM
GGACGYGNLYGQGYGTETAALSTALFDNGLSCGACFELKCVNDPQWCIQGRSIVVT
ATNFCPPGGACDPPNHFFDLSPQIYEHIALYKSGIIPVMYRRVRCRRSGGIRFTINGHS
YFNLVLVTNVGGAGDVHVSVMKGSRSKWQLMSRNWQNWQSN SYLNGQSLSFVV
TTSDRRSVVSFNVAPSGWSFGQTYTGGQFRY*

CDS (coding sequence)

>BolEXPA-23

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GGATCAATGCTCATGCCACTTTCTACGGTGGCGGTGATGCTTCCGGCACTATGGG
TGGAGCATGCGGGTACGGGAATCTATACGGCCAAGGTTATGGAACAGAGACTGC
GGCGCTGAGCACGGCGTTATTCGATAACGGACTTAGCTGTGGTGCCTGCTTTGAG
CTGAAATGTGTGAACGACCCTCAGTGGTGCATACAAGGCCGGTCCATTGTGGTCA
CCGCCACAACTTTTGTCTCCTGGTGGCGCCTGCGATCCTCCAAACCACCATTT
GATCTTTCTCAGCCATCTACGAGCACATCGCTCTTACAAGTCCGGTATCATTCC
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GACGTACACTCTGTGTCAATGAAAGGGTCAAGGTCAAAATGGCAATTAATGTCAA
GAACTGGGGGCAAAATTGGCAAAGCAACTCTTATCTCAATGGTCAAAGTCTGTC
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Nucleotide

>BolEXPA-23

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