

IDENTIFICATION

Species: *Brassica oleracea capitata*

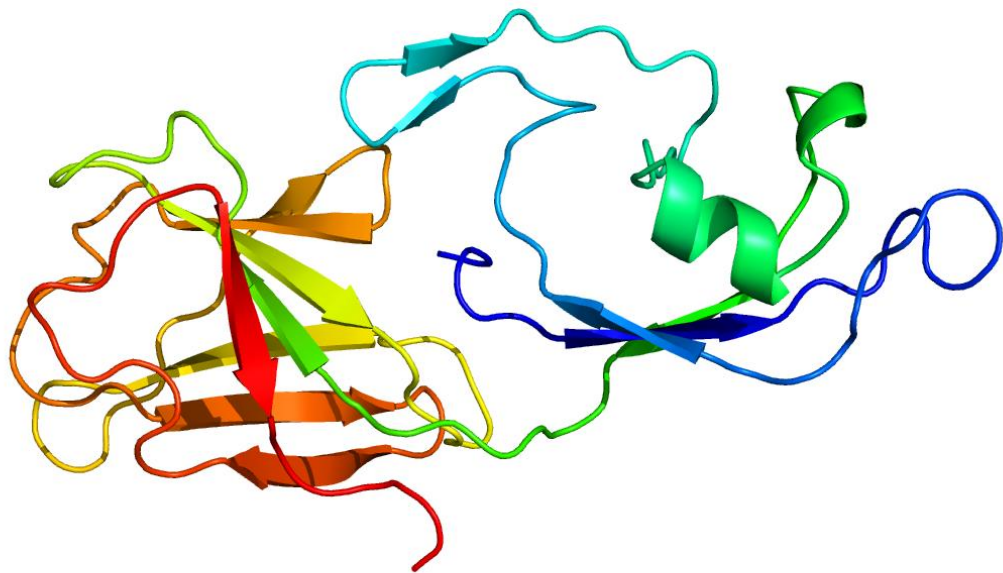
Locus: Bol025353

Gene Model: Bol025353

Description: BolEXPA-14

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

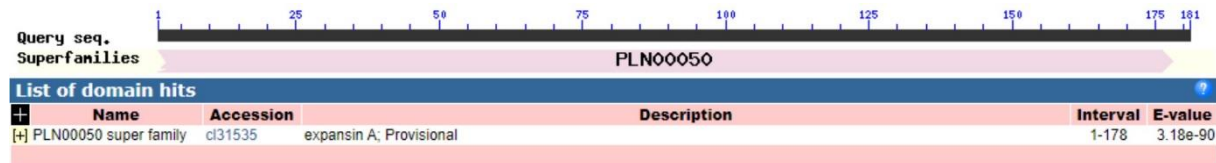
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BolEXPA-14

MSCGACFELKCANDPQWCHSGSPSILITATNFCPPNFAQASDNGGWCNPPRAHFDLA
MPVFLKMAQYRAGIVPVSYRRVPCRKRGGIRFTINGHRYFNLVLITNVAGAGDIVRTS
VKGSRTGWMSLSRNWGQNWQSNVAVLVGQSLFRVTGSDRRTSTSWNIVPSNWQFG
QTFVGKNFRV*

CDS (coding sequence)

>BolEXPA-14

ATGAGCTGTGGAGCTTGCTTTGAGCTAAAATGTGCCAACGACCCACAATGGTGCC
ATTCAGGTAGCCATCGATCCTCATTACCGCAACCAACTTCTGCCACCAAACCTT
GCTCAGGCCAGCGATAACGGAGGATGGTGCAACCCGCCAAGAGCCCACTTTGAT
CTAGCCATGCCTGTCTTCCTCAAGATGGCTCAATATCGCGCAGGCATTGTCCCCGT
CTCATACCGCAGGGTGCCTTGTAGAAAGAGAGGAGGGATAAGGTTCAATCAA
CGGTCACCGTACTTCAACTTGTTCTGATCACTAACGTGGCCGGAGCGGGAGAC
ATCGTGAGGACGAGCGTGAAAGGTTACGAACTGGTTGGATGAGTTTGAGTAGG
AACTGGGGTCAGAACTGGCAATCTAACGCTGTTTTGGTTGGTCAGTCACTTTCTTT
CCGCGTTACAGGCAGTGACCGTAGAACCTCAACTTCATGGAACATAGTTCCTTCT
AACTGGCAGTTTGGTCAAACATTTGTTCGGCAAGAATTTTCAGGGTTTAA

Nucleotide

>BolEXPA-14

ATGAGCTGTGGAGCTTGCTTTGAGCTAAAATGTGCCAACGACCCACAATGGTGCC
ATTCAGGTAGCCATCGATCCTCATTACCGCAACCAACTTCTGCCACCAAACCTT
GCTCAGGCCAGCGATAACGGAGGATGGTGCAACCCGCCAAGAGCCCACTTTGAT
CTAGCCATGCCTGTCTTCCTCAAGATGGCTCAATATCGCGCAGGCATTGTCCCCGT
CTCATACCGCAGGTACAGAATGCTGTAGTATATATTTAAGACCTTGGCAATATTA
ACAAGAACATAAAACCTTAATGCTCACATATGTTTTACTCAAAGCACTCATATC
TTAGAAATCTTGAATATATTAATTTTAATATTCATTTATATATAACTAGATA
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AAAGTTAGATTTTCTATACTGTTAAGGTATTTTTTATACTTTTGAAGAACATTAAT
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AATAAAGTAAAAAATAAAATAAATTATAAACATTTAATAAATTTTTAATAAGTGT
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CACAAATAAATTCTCCACATTTTTGTTTGACATGTAAGTGAGTGAGTAAACTAAG
TGTGACATGTTGGTTCTTTATTGTAGGGTGCCTTGTAGAAAGAGAGGGAGGGATAA
GGTTCACAATCAACGGTCACCGTACTTCAACTTGGTTCTGATCACTAACGTGGCC
GGAGCGGGAGACATCGTGAGGACGAGCGTGAAAGGTTACGAACTGGTTGGATG
AGTTTGAGTAGGAACTGGGGTCAGAACTGGCAATCTAACGCTGTTTTGGTTGGTC
AGTCACTTTCTTTCCGCGTTACAGGCAGTGACCGTAGAACCTCAACTTCATGGAA
CATAGTTCCTTCTAACTGGCAGTTTGGTCAAACATTTGTCGGCAAGAATTCAGG
GTTTAA