

IDENTIFICATION

Species: *Boechera stricta*

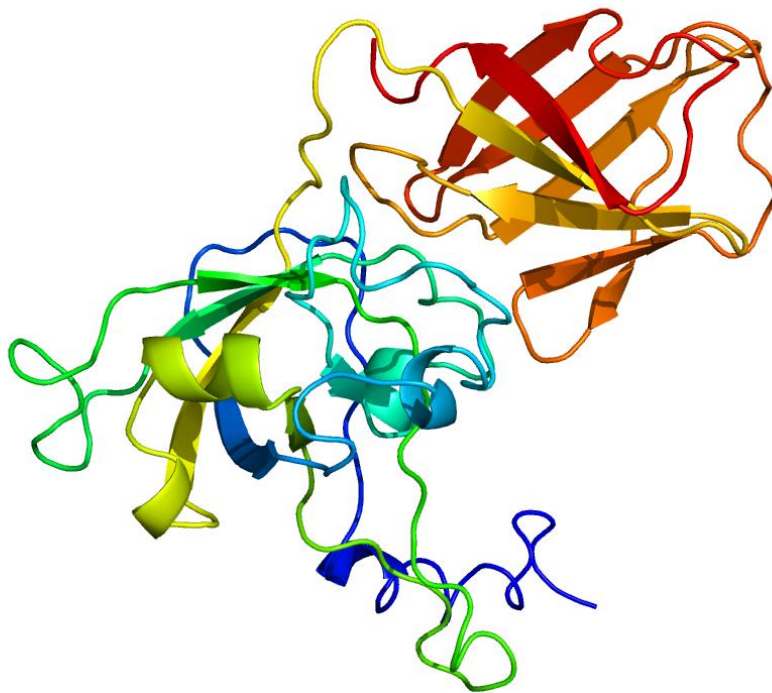
Locus: Bostr.6251s0047

Gene Model: Bostr.6251s0047.1.p

Description: BosEXPA-07

Family: Alpha Expansin

3D structure:



GENOME DATABASES

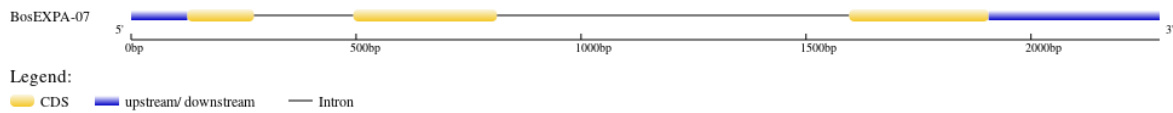
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bstricta_v1_2

KEGG:-

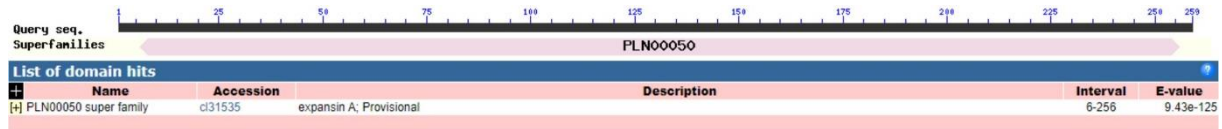
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BosEXPA-07

MAAKVITLMAVMVVTALTVNAKIPGVYTGPPWINAHATFYGGADASGTMGGACG
YGNLYSQGYGVNNTAALSTALFNGLSCGSCFELKCVNDPGWCLPGNPSILITATNFCP
PNFAQSSDDGGWCNPPREHFDLAMPFLSIKAKYKAGIVPVSYRRIPCRKKGGIRFTIN
GFKYFNLVLTNVAGAGDVRKVSVKGTNTQWLDLSRNWQSNWQSNVAVLVGQSLS
FRVKTS DGRSSTSNNIAPSNWQFGQTYSGKNFRV*

CDS (coding sequence)

>BosEXPA-07

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TGAACGCCAAAATCCCCGGAGTTTACACCGGTGGTCCCTGGATCAACGCTCACGC
CACCTTCTACGGCGGTGCTGATGCTTCTGGCACTATGGGTGGTGCCTGTGGGTAC
GGGAATTTGTATAGCCAAGGTTACGGTGTGAACACGGCGGCTTTAAGCACTGCCT
TATTCAACAATGGCTTAAGCTGTGGCTCTTGCTTTGAGCTTAAGTGTGTCAATGAT
CCAGGATGGTGTCTTCCCGGAAACCCATCAATCCTTATCACCGCCACTAATTTTTG
TCCTCCCAACTTTGCTCAATCTAGCGACGATGGTGGTTGGTGTAAACCCTCCTCGTG
AGCACTTTGATCTCGCCATGCCTATGTTTCTTCCATCGCTAAGTATAAGGCCGGT
ATCGTCCCCGTCTCTTACCGCAGGATCCCATGTAGGAAGAAGGGAGGTATAAGAT
TCACAATCAATGGGTTCAAGTACTTCAACTTGGTGTGCTGCTCACTAACGTAGCCGG
AGCAGGAGACGTCAGGAAGGTGAGTGTGAAAGGAACACTAACACACAGTGGTTAGA
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TCTCTTTCTTCCGAGTCAAAACCTCCGATGGCCGAAGCTCCACCTCCAACAACAT
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TGA

Nucleotide

>BosEXPA-07

CATTTGAAGCCTTTCCTCTCTCCCTCCATAAGTAGCCTTCCCTCCTCCTCCTCCTC
TCACAATTCTCTCTTCTCTATCTCTCTCTTCCAAAAACCAAACCTTTCTCCGTA
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GCCCGCAGCTCTCTTTGCACGTTCTGATTGTATTAAGTATATATATTACGAAGAAG
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