IDENTIFICATION

Species: *Boechera stricta*

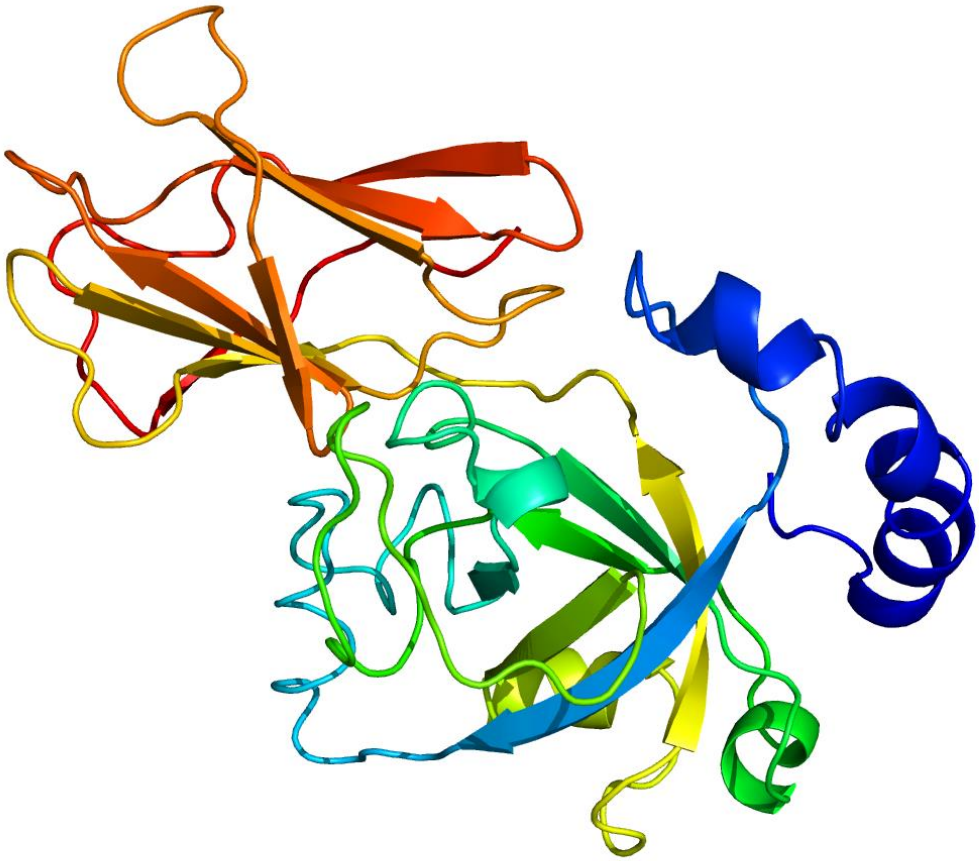
Locus: Bostr.13671s0203

Gene Model: Bostr.13671s0203.1.p

Description: BosEXPA-13

Family: Alpha Expansin

3D structure:



GENOME DATABASES

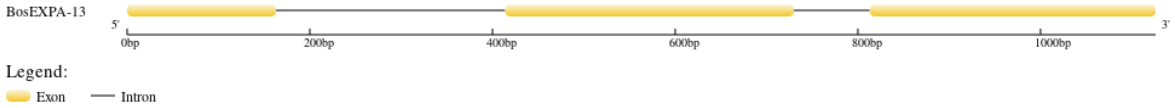
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bstricta_v1_2

KEGG:-

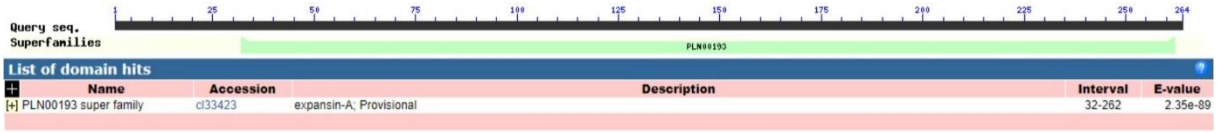
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BosEXPA-13

MGPISSSWSFNKFFAIVFVVFAISGEFVAGYYRPGPWRYAHATFYGDETGSETMGGA
CGYGNLFNSGYGVSTAALSTTLFKDGYGCGQCFQITCMKSPHCYYGNPSTVVTATNL
CPPNWYQDSNNGGWCNPPRTHFDMAKPAFMKLANWKAGIIPVTYRRVPCQRSGGM
RFQFQGNAYWLLIFVMNVGGAGDIKSMAVKGSRTNWISMSHNWGASYQAFSSLYG
QSLSFRVTSYTTGQTIYAWNVAPANWSAGKTYKSLANFR*

CDS (coding sequence)

>BosEXPA-13

ATGGGTCCAATCTCAAGTTCTTGGAGTTTCAACAAATTCTTCGCAATAGTTTTTGT
CGTTTTCGCCATCTCCGGTGAGTTCGTCGCTGGATACTATCGACCAGGCCCATGG
AGATATGCTCACGCCACTTTCTACGGCGACGAGACCGGTAGTGAAACTATGGGTG
GTGCATGTGGGTACGGAAACCTTTTTAACAGTGGTTACGGTGTGTCCACGGCAGC
GCTAAGCACGACGCTGTTCAAAGACGGTTACGGATGCGGCCAATGTTTTCAAATA
ACGTGTATGAAGTCGCCGCATTGTTATTATGGAAACCCATCAACGGTGGTCACAG
CAACCAACCTTTGCCCTCCTAATTGGTACCAAGACTCCAACAATGGTGGTTGGTG
CAATCCTCCTAGAACCCATTTCGATATGGCTAAACCGGCTTTCATGAAACTCGCT
AATTGGAAGGCCGGTATCATCCCAGTTACATACCGGAGAGTGCCATGCCAAAGG
AGTGGAGGTATGAGGTTTCAATTCCAAGGCAATGCTTATTGGCTTCTCATATTCGT
CATGAACGTCGGTGGCGCCGGAGACATCAAGAGCATGGCCGTGAAAGGTAGCCG
GACGAATTGGATAAGCATGAGCCACAATTGGGGAGCGTCTTACCAAGCTTTTTCG
TCTCTCTACGGTCAATCTCTATCTTTCCGGGTCACTTCTTACACCACAGGTCAAAC
CATCTATGCTTGGAACGTTGCTCCGGCTAACTGGAGCGCCGGTAAGACTTACAAG
AGCCTTGCCAATTTCCGTTGA

Nucleotide

>BosEXPA-13

ATGGGTCCAATCTCAAGTTCTTGGAGTTTCAACAAATTCTTCGCAATAGTTTTTGT
CGTTTTCGCCATCTCCGGTGAGTTCGTCGCTGGATACTATCGACCAGGCCCATGG
AGATATGCTCACGCCACTTTCTACGGCGACGAGACCGGTAGTGAAACTATGGGTA
CGTTAACAATTTCATTTCACTTCGCTTGCATTTACCATGCATGAAATCTGTCCAAC

ATTTTTGGATATCTCCGCACGATTAACAAAACTTAATGTAGTAAAAATTTATAAA
AGGATGTCCAAATTTTTTTCTACTGGATCCGTAGTCCAAACCAGTTATTTCATTTG
CATGTTCTCTGAACCGAACCTAATAATCACAATATTTCACACATAGGACCAATGG
CATAATAACTTTATGTATATATGCAGGTGGTGCATGTGGGTACGGAAACCTTTTT
AACAGTGGTTACGGTGTGTCCACGGCAGCGCTAAGCACGACGCTGTTCAAAGAC
GGTTACGGATGCGGCCAATGTTTTCAAATAACGTGTATGAAGTCGCCGCATTGTT
ATTATGGAAACCCATCAACGGTGGTCACAGCAACCAACCTTTGCCCTCCTAATTG
GTACCAAGACTCCAACAATGGTGGTTGGTGCAATCCTCCTAGAACCCATTTCGAT
ATGGCTAAACCGGCTTTCATGAAACTCGCTAATTGGAAGGCCGGTATCATCCCAG
TTACATACCGGAGGTATTTATAGTATACGACCTTAGTTATTCAACTCCAGAACTAT
ATAATTAACTAATATATGTTATAATGTGATTGACGTATAGAGTGCCATGCCAAAG
GAGTGGAGGTATGAGGTTTCAATTCCAAGGCAATGCTTATTGGCTTCTCATATTC
GTCATGAACGTCGGTGGCGCCGGAGACATCAAGAGCATGGCCGTGAAAGGTAGC
CGGACGAATTGGATAAGCATGAGCCACAATTGGGGAGCGTCTTACCAAGCTTTTT
CGTCTCTCTACGGTCAATCTCTATCTTTCCGGGTCACTTCTTACACCACAGGTCAA
ACCATCTATGCTTGGAACGTTGCTCCGGCTAACTGGAGCGCCGGTAAGACTTACA
AGAGCCTTGCCAATTTCCGTTGA