

IDENTIFICATION

Species: *Boechera stricta*

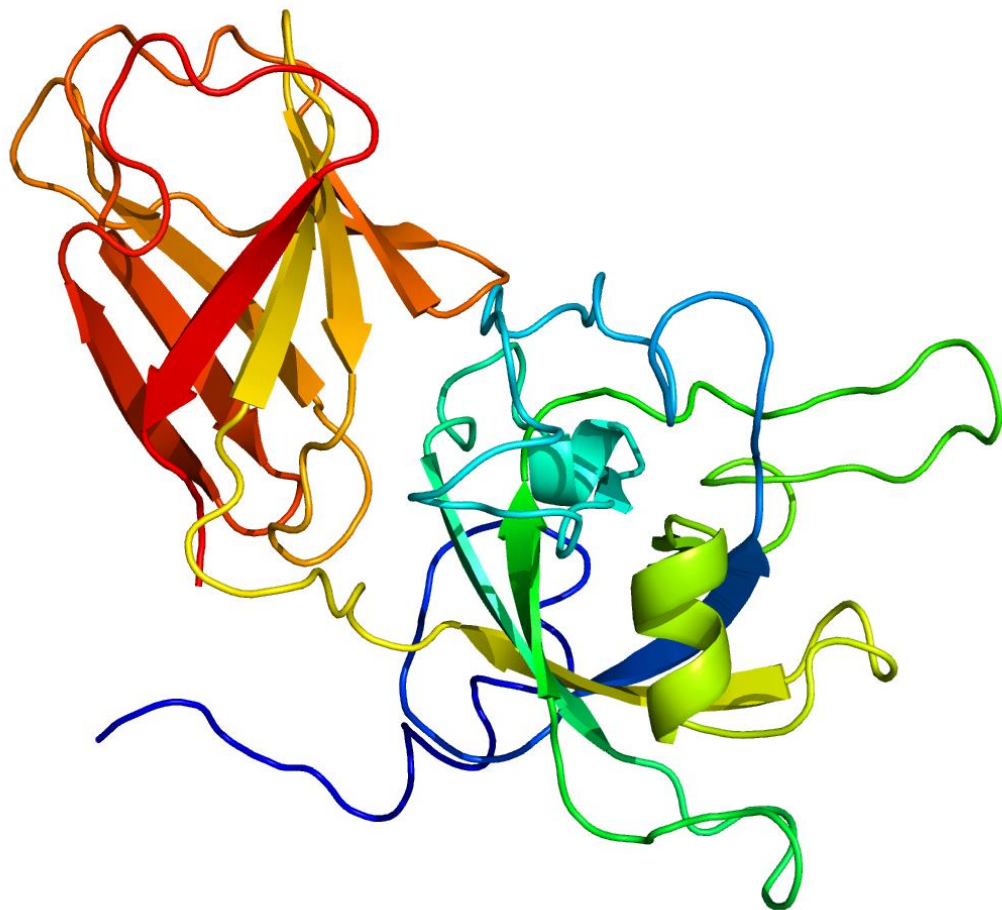
Locus: Bostr.12659s0322

Gene Model: Bostr.12659s0322.1.p

Description: BosEXPA-11

Family: Alpha Expansin

3D structure:



GENOME DATABASES

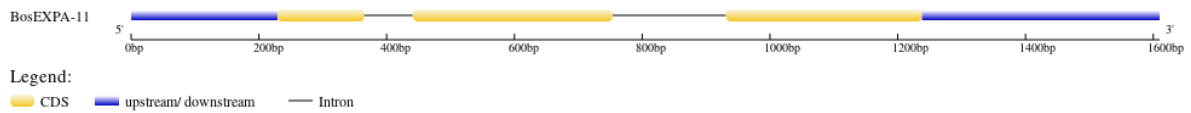
Phytozome: https://phytozome-next.jgi.doe.gov/info/Bstricta_v1_2

KEGG:-

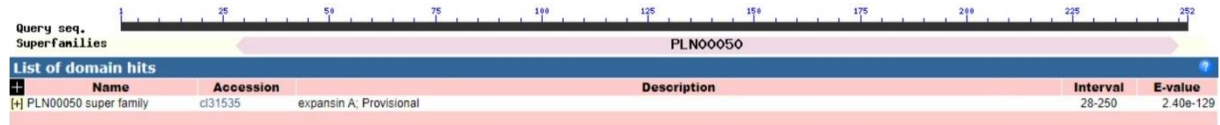
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BosEXPA-11

MGHLGFLVMVMVGMMASSVSGYGGGGGWINAHATFYGGGDASGTMGGACGYGN
LYSQYGTSTAALSTALFNGLSCGSCFEIRCENDGKWCLPGSIVVTATNFCPPNNAL
PNNNGGWCNPPLQHFDLAQPVFQRIAQYRAGIVPVSYRRVPCRRRGGIRFTINGHSYF
NLVLITNVGGAGDVHSAAIKGSRTGWQAMSRNWGQNWQSNSYLNQALSFKVTTS
DGRTVVSYNAAPAGWSFGQTFAGGQFR*

CDS (coding sequence)

>BosEXPA-11

ATGGGTCATCTCGGGTTCTTAGTTATGGTTATGGTAGGAGTAATGGCTTCTTCTGT
GAGCGGCTATGGTGGCGGTGGCGGTTGGATCAACGCTCACGCCACTTTCTACGGC
GGTGGTGTGCTTCCGGCACAAATGGGTGGTGTGCTTGTGGATATGGTAATCTATATA
GCCAAGGCTACGGGACGAGCACGGCGGCTTTGAGCACGGCTTTGTTCAACAATG
GACTTAGCTGTGGTTCTTGCTTTGAGATAAGATGTGAAAACGATGGTAAATGGTG
TTACCTGGCTCAATCGTTGTAACCGCTACAACTTTTGTCCGCCAAACAACGCCCT
TACCGAACAAACAATGGTGGTTGGTGTAAATCCTCCTCTTCAACACTTTGACCTTGCT
CAGCCTGTTTTTCAACGCATTGCTCAATACAGAGCTGGAATCGTTCCAGTTTCCTA
CAGGAGGGTACCGTGCCGGAAGAGGAGGAATAAGATTCACGATAAACGGCCA
CTCATACTTCAACCTTGTTCTGATCACAAACGTCGGTGGTGCCGGAGATGTTCACT
CGGCGGCGATCAAGGGTTCAAGAACAGGTTGGCAAGCTATGTCAAGGAACTGGG
GACAAAATTGGCAAAGCAACTCTTACCTCAACGGTCAAGCACTTTCCTTCAAAGT
TACCACTAGCGACGGCCGTACTGTTGTCTCCTACAACGCTGCTCCTGCCGGCTGGT
CTTTTGGCCAGACCTTCGCCGGTGGACAGTTCCGCTAA

Nucleotide

>BosEXPA-11

CAACCACTCACCTCCACTCTAAACTCAACAACAGATTTTCACATATCTCTCTTT
CTTTCTTTGAAGGAAAGAAGAAGAAGAAGATCTCCAAGTCCCTAGTAAC
AAATTTCTCCACCTACATTCAATTGTTTCTCCTTAATATCTCTAATACACCATTCA
ATTGAGCTAAAAGTCATGGACTTTATATCACCCATGTGCAGGTTGTTAATAACAAG
AAGTAAACATGGGTCATCTCGGGTTCTTAGTTATGGTTATGGTAGGAGTAATGGC
TTCTTCTGTGAGCGGCTATGGTGGCGGTGGCGGTTGGATCAACGCTCACGCCACT

