

IDENTIFICATION

Species: *Boechera stricta*

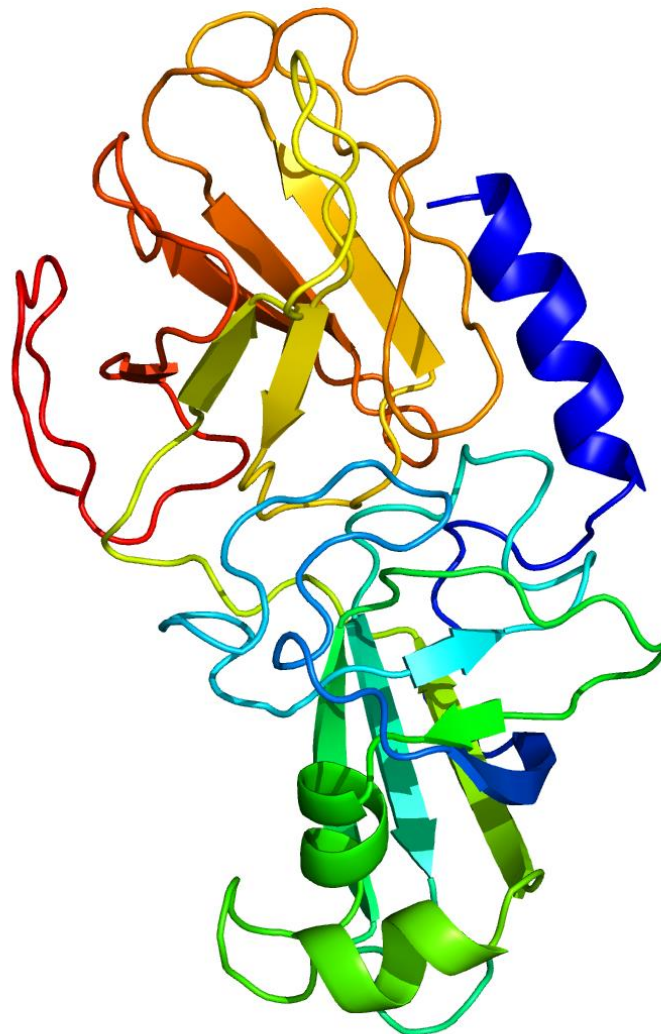
Locus: Bostr.24950s0001

Gene Model: Bostr.24950s0001.1.p

Description: BosEXLA-02

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

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

KEGG:-

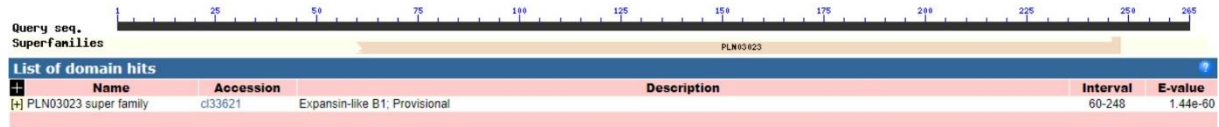
EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>BosEXLA-02

MGSFLYLIVVIFLCSSSVNACDRCLHRSKAAYFSSASALSSGACAYGSMATSFAGHI
AAATPSIYKDGAGCGACFQVRCKNPKLCSHGKGTIVMITDLNKSNTDLVLSSRAFRA
MAKPVSGADRDLKQGIQVIEYQVRVPCDYGNKNMNVVVEEASKKPNYLEIKLLYQG
GQTEVVAIDIAQVGSSRWGYMSRSHGAVWATDKVPTGALQFRFVVTGGYDGKMV
WSQSVLPKWEAGKTYDAGVQITDIAQERCDCDAHIWK*

CDS (coding sequence)

>BosEXLA-02

ATGGGAAGCTTTCTCTACCTCATCGTAGTCATTTTCCTCTGTTTCATCATCTGTAAAC
GCATGTGATCGATGTCTTCACCGTTCTAAAGCAGCTTATTTCTCCTCTGCTTCAGC
TCTCTCTTCTGGAGCTTGTGCTTATGGCTCTATGGCTACGAGTTTCTTCGCCGGAC
ACATTGCGGGCGGCTACACCTTCAATCTACAAAGACGGTGCTGGCTGTGGAGCTTG
CTTCCAAGTCAGATGCAAGAACCCCAAGTTGTGTAGCCATAAAGGAACCATTGTG
ATGATCACAGACTTAAACAAGAGCAACAAACTGATCTTGTCTTAGTAGCAGAG
CTTTTAGGGCTATGGCTAAGCCTGTTTCTGGTGCTGACAGAGATCTTCTTAAACAA
GGCATTGTGCGACATTGAATACCAAAGAGTTCCTTGCGATTACGGAAACAAGAATA
TGAACGTGAGAGTGGAAGAAGCAAGCAAAAAGCCAAACTACTTGGAGATAAAGC
TATTGTACCAAGGAGGTCAAACCGAAGTAGTAGCCATCGACATTGCACAAGTGG
GTTCGTCGCGTTGGGGTTACATGAGCAGAAGCCACGGAGCCGTGTGGGCGACTG
ACAAAGTGCCCACTGGAGCTCTGCAGTTCAGGTTTCGTAGTGACGGGCGGCTACGA
CGGCAAAATGGTTTGGTTCGCAGAGTGTCTTCCAGCCAAGTGGGAAGCTGGGAA
GACTTATGACGCCGGCGTTCAGATCACCGATATTGCTCAAGAACGTTGTGATCCA
TGCGACGCTCACATCTGGAAATAA

Nucleotide

>BosEXLA-02

TAATTCACATATTTCTTCTCTCTAATTTGATTATATAACATACTATTTGTTTTCTCA
AAAACAAAAAAGAAAACCAAAAAATGGGAAGCTTTCTCTACCTCATCGTAGTCA
TTTTCTCTGTTTCATCATCTGTAAACGCATGTGATCGATGTCTTCACCGTTCTAAA
GCAGCTTATTTCTCCTCTGCTTCAGCTCTCTCTTGTAAAGATTCAATCTTCTCAT
TACTCAATTTACTTTACTATCTGTTTGTCTTTTCTCATGTTTTTTTGTGGGTTT

TTTTTTTGCAGCTGGAGCTTGTGCTTATGGCTCTATGGCTACGAGTTTCTTCGCCG
GACACATTGCGGGCGGCTACACCTTCAATCTACAAAGACGGTGCTGGCTGTGGAGC
TTGCTTCCAAGTCAGATGCAAGAACCCCAAGTTGTGTAGCCATAAAGGAACCATT
GTGATGATCACAGACTTAAACAAGAGCAACAAAACCTGATCTTGTCCCTTAGTAGCA
GAGCTTTTAGGGCTATGGCTAAGCCTGTTTCTGGTGCTGACAGAGATCTTCTTAAA
CAAGGCATTGTCGACATTGAATACCAAAGGTTGACTCTCAAAACACCTAACTCT
TTGGTTTTCTTCTCTTAATCACTTGATTTTACTTTTTAGTTAGTAATAAGAAATAAT
TGGTAAATGAAAACAAGAGTTCCTTGCGATTACGGAAACAAGAATATGAACGTG
AGAGTGGAAGAAGCAAGCAAAAAGCCAAACTACTTGGAGATAAAGCTATTGTAC
CAAGGAGGTCAAACCGAAGTAGTAGCCATCGACATTGCACAAGTGGGTTCGTCG
CGTTGGGGTTACATGAGCAGAAGCCACGGAGCCGTGTGGGCGACTGACAAAGTG
CCCACTGGAGCTCTGCAGTTCAGGTTTCGTAGTGACGGGCGGCTACGACGGCAAAA
TGGTTTGGTCGCAGAGTGTTCTTCCAGCCAAGTGGGAAGCTGGGAAGACTTATGA
CGCCGGCGTTCAGATCACCGATATTGCTCAAGAACGTTGTGATCCATGCGACGCT
CACATCTGGAAATAACTCATTCCAATTCCCCTTATTTAAGCAAACAACACAGCCA
TTAAGGTTTATATATGTATGTGTAACAGAGTTGTTTATTAAGTAAAGAA
C