

IDENTIFICATION

Species: *Trifolium pratense*

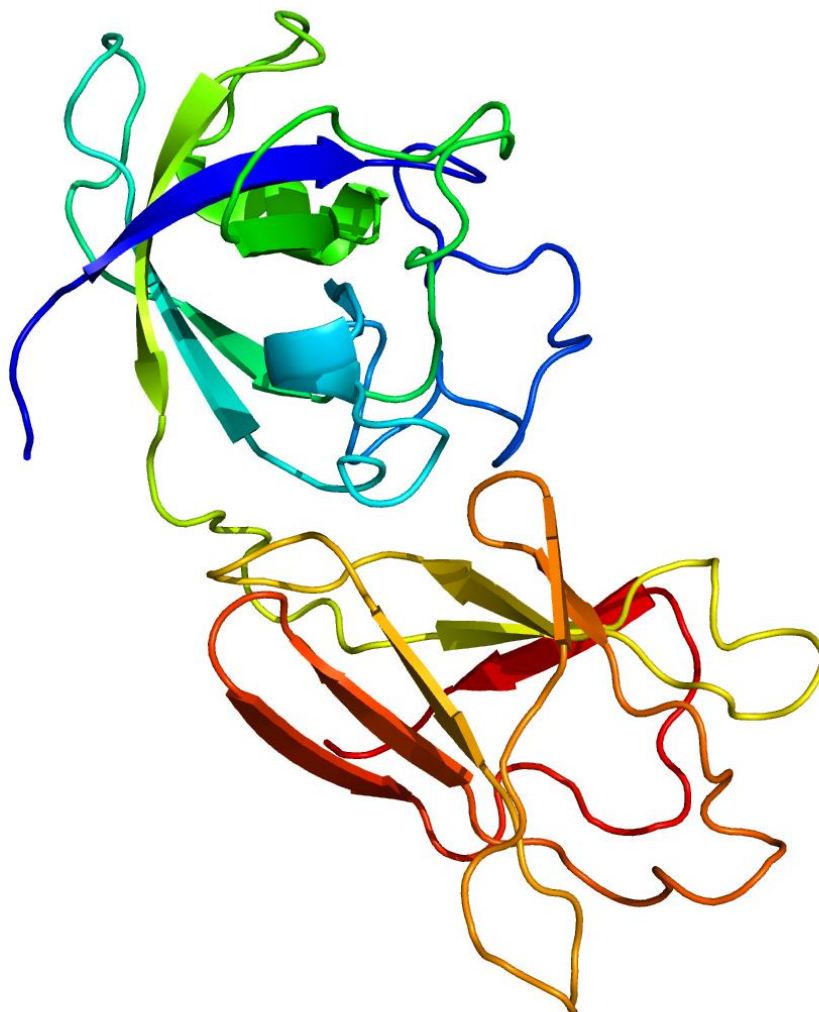
Locus: Tp57577_TGAC_v2_mRNA17720

Gene Model: Tp57577_TGAC_v2_mRNA17720

Description: TprEXLB-03

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

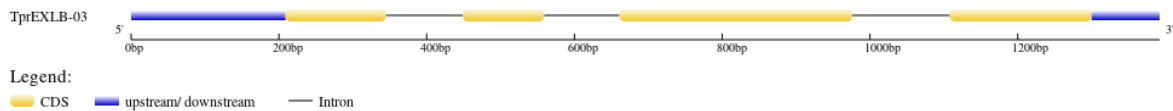
Phytozome: https://phytozome-next.jgi.doe.gov/info/Tpratense_v2

KEGG:-

EXTERNAL RESOURCES

-

GENE STRUCTURE



DOMAIN ARCHITECTURE

Query seq. Superfamilies

List of domain hits

Name	Accession	Description	Interval	E-value
PLN03023 super family	d33621	Expansin-like B1; Provisional	3-250	2.51e-108

SEQUENCES

Peptide

>TprEXLB-03

MVLSFKHQFSLVCVILLFPALCNCKEYYTKSRASYYGTSDDGYGNSRGACGFGDYGKT
VNDGSVTAVSAKLWKNNEGCGACYQVRCKIPQFCDDNGAYVVVTDYGEGRDRTDFI
TSPRAFSNLGRDAIASEKLKKYGVLDVEYKRVPCFTFKGNNIVYQINENSNNPGYFAIN
ILYVGGTYDVTTVEIWQREQHQVWAMRRSYGAVFDFANPPEGEIRLRFQLSRNIEAH
HHVVSRAIPAAWKAGATYSTKI*

CDS (coding sequence)

>TprEXLB-03

ATGGTTCCTAGTTTTAAGCACCAATTTAGTCTTGTTGTGTCATACTGTTATTTCCA
GCGCTATGTAACCTGCAAAGAATATTATACCAAATCCAGAGCTTCCTATTATGGCA
CATCTGATGGTTATGGAAATTCAAGGGGAGCCTGTGGTTTTGGAGACTATGGAAA
AACAGTGAATGATGGCAGTGTACAGCTGTGTCTGCAAAGCTGTGGAAGAATGG
AGAAGGCTGTGGTGCATGCTATCAAGTGAGGTGCAAATACCACAATTCTGTGAT
GACAATGGAGCATATGTTGTGGTAACCTGATTATGGTGAGGGAGATAGAAGTATT
TCATAACGAGTCCACGCGCCTTCTCAAATTTAGGACGCGACGCAATTGCATCTGA
AAAATTGAAGAAATATGGAGTATTGGATGTTGAATACAAAAGAGTTCATGTAC
ATTTAAAGGCAACAATATTGTGTACCAAATCAATGAAAATAGTAATAATCCTGGC
TACTTTGCTATCAATATTCTTTATGTTGGAGGAACCTTATGATGTCACTACTGTTGA
AATATGGCAGAGAGACAACACCAATGGGTGGCGATGCGTAGATCTTATGGGGC
AGTATTTGACTTTGCTAACCCACCAGAAGGTGAAATCAGATTGAGATTCCAATTG
AGTAGAAATATTGAAGCTCATCATCATGTAGTATCAAGATTTGCAATTCCTGCAG
CTTGAAGGCTGGTGTACATATTCCACAAAGATTTAA

Nucleotide

>TprEXLB-03

TGACAAAGTGGGAGAAAACGTTGGCTTCATCATCACTAGTATGCATAAATCTTAG
ACCAAATGTTTGTACTATAAATACTTATCTCTAGCTATCTTGTTTTCCATCTCATA
AAAACATTCTCTTTTGTAAATTGTTTATTGCATTAGTAACACTCAATTACTTGCATT
TGCATTTACATAACTTGTGTTGCATCATTATATATTTAAGACATGGTTCTTAGTTTTA
AGCACCAATTTAGTCTTGTGTTGTGTCATACTGTTATTTCCAGCGCTATGTAACCTGC
AAAGAATATTATACCAAATCCAGAGCTTCCTATTATGGCACATCTGATGGTTATG

GAAATTCAAGTATGTCATGTGATTGTGATCCTCCATTTCTAGCAAAGATATATAC
ACACTACATGATTCATGATTGACCAATTGATATATATTAATTTTCATGTATTATTTT
AGGGGGAGCCTGTGGTTTTGGAGACTATGGAAAAACAGTGAATGATGGCAGTGT
CACAGCTGTGTCTGCAAAGCTGTGGAAGAATGGAGAAGGCTGTGGTGCATGCTAT
CAAGTATGTAATTTTTTCCTTCCATTTCATTCTTAATTTCAAATACTTTTAATAAACTT
TAGTAAATAATGTTTACAAAATATGAATGATGATGACACATGATTTAGGTGAGGT
GCAAATAACCACAATTCTGTGATGACAATGGAGCATATGTTGTGGTAACTGATTA
TGGTGAGGGGAGATAGAACTGATTTTCATAACGAGTCCACGCGCCTTCTCAAATTTA
GGACGCGACGCAATTGCATCTGAAAAATTGAAGAAATATGGAGTATTGGATGTT
GAATACAAAAGAGTTCATGTACATTTAAAGGCAACAATATTGTGTACCAAATCA
ATGAAAATAGTAATAATCCTGGCTACTTTGCTATCAATATTCTTTATGTTGGAGGA
ACTTATGATGTCACTACTGTTGAAATATGGCAGGTATATTACTTACACAATACTAC
TTTATTAGTATTTGACTAAATTTTGCTTATATTTAAAACCAGAAGGACAGTATAAT
ACAGACGGTCTATTTTTTTTTTATACAATCATCTAATTAGATTTTGTATTTCAGAGA
GAACAACACCAATGGGTGGCGATGCGTAGATCTTATGGGGCAGTATTTGACTTTG
CTAACCCACCAGAAGGTGAAATCAGATTGAGATTCCAATTGAGTAGAAATATTGA
AGCTCATCATCATGTAGTATCAAGATTTGCAATTCCTGCAGCTTGGAAGGCTGGT
GCTACATATTCACAAAGATTTAATTTGGTATATATCATGTAACTTGATTCCATAT
GAACTTACTTCATTGTAATGGAGTATCAATGATCAATGAAATAAATGTAGTACA
CTACA