

IDENTIFICATION

Species: *Trifolium pratense*

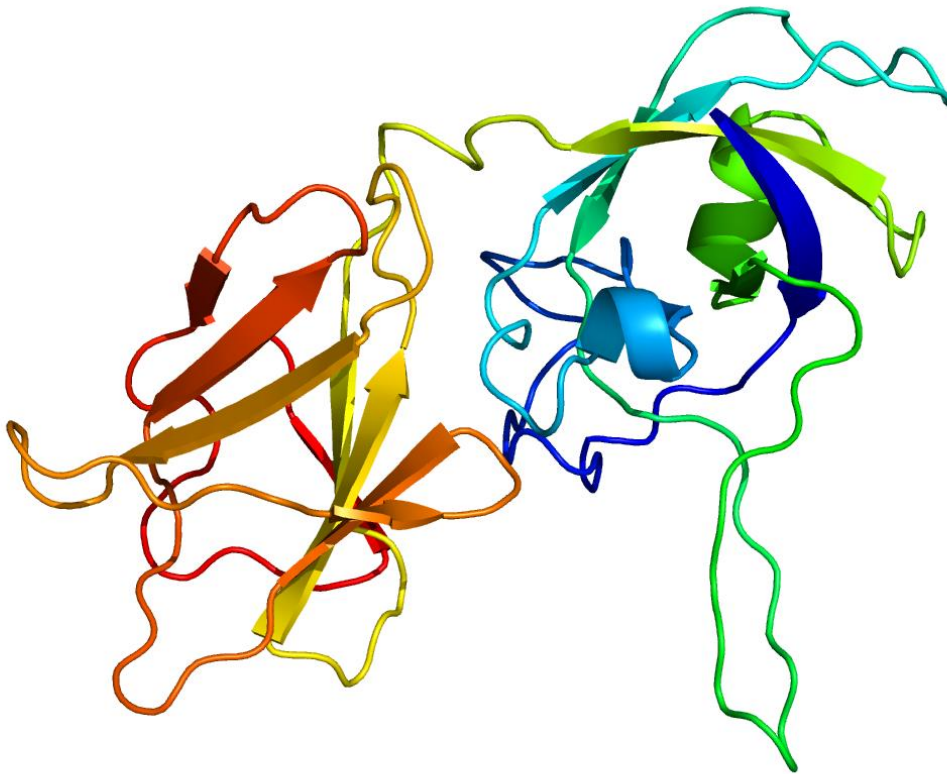
Locus: Tp57577_TGAC_v2_mRNA16688

Gene Model: Tp57577_TGAC_v2_mRNA16688

Description: TprEXPA-11

Family: Alpha Expansin

3D structure:



GENOME DATABASES

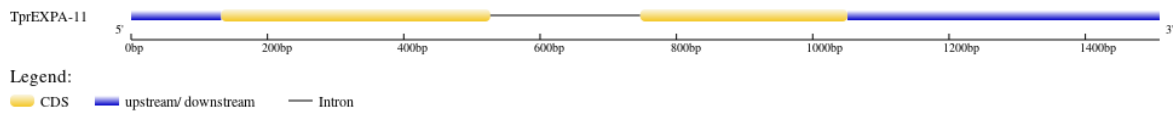
Phytozome: https://phytozome-next.jgi.doe.gov/info/Tpratense_v2

KEGG:-

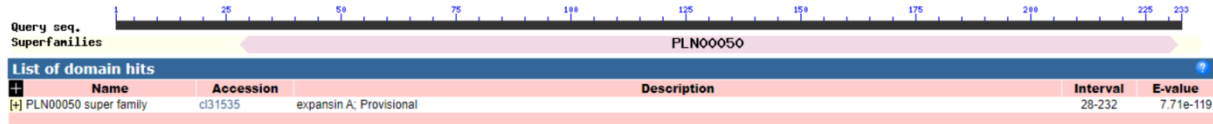
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>TprEXPA-11

MSDCGSAFVVSICEKYYFIYVEFVDIAGGACGYGNLYSQGYGTNTAALSTALFNNGL
SCGSCYEMKCNSDPKWCLPGSIMVTATNFCPPNFAESNTNGGWCNPPLQHFDLAEPA
FLQIAQYKAGIVPISFRRVPCVKKGGIRFTINGHSYFNLVLTNVGGAGDVHSVSIKGS
KTGWQTMSRNWQNWQSNNYLNGQSLSFQVTTSDGRTITSNNVPGNWQFGQTFT
GGQF*

CDS (coding sequence)

>TprEXPA-11

ATGAGTGACTGTGGTTCAGCTTTTGTCTGTTTCGATTTGTGAAAAATACTATTTTAT
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AGCCAAGGATATGGAACCAACACTGCTGCACTAAGTACTGCTCTTTTCAACAATG
GATTGAGCTGTGGATCTTGCTACGAGATGAAATGTAACAGTGACCCTAAATGGTG
CCTTCCCGGTAGCATAATGGTCACTGCTACAACTTCTGTCCACCAAACTTTGCAG
AGTCTAACACCAATGGTGGATGGTGTAAATCCTCCCCTTCAGCACTTTGATCTTGCT
GAACCTGCTTTCTTGCAAATTGCTCAATACAAAGCTGGAATTGTTCTATTTCTT
CAGAAGAGTCCCTTGTGTGAAGAAAGGAGGAATAAGGTTCACAATCAATGGACA
CTCATACTTCAACTTAGTTTTGGTGACAAATGTTGGTGGAGCTGGAGATGTACATT
CTGTATCCATCAAAGGATCAAAGACTGGATGGCAAACACTATGTCTAGGAACTGGG
GGCAAATTGGCAAAGCAATAACTACCTCAATGGTCAAAGCCTTTCTTTCCAAGT
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CAATTTGGACAGACATTTACAGGGGGACAATTTTAG

Nucleotide

>TprEXPA-11

TTTATTTATTATTTATTTTCAAATTATATGTTATTTACTAAATATTTTCAATAATA
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