

IDENTIFICATION

Species: *Trifolium pratense*

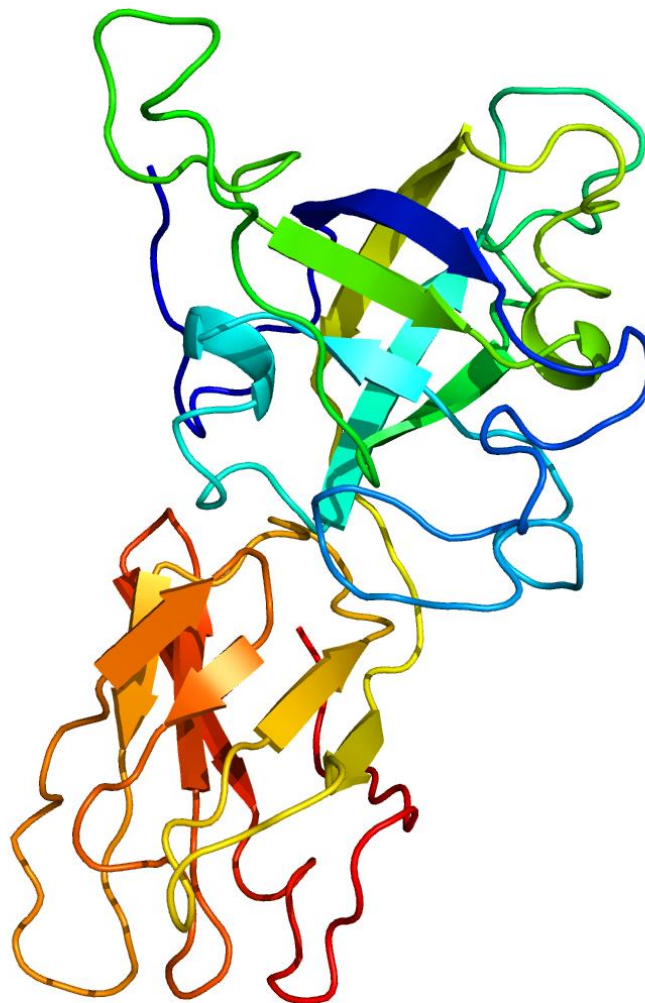
Locus: Tp57577_TGAC_v2_mRNA12957

Gene Model: Tp57577_TGAC_v2_mRNA12957

Description: TprEXPA-04

Family: Alpha Expansin

3D structure:



GENOME DATABASES

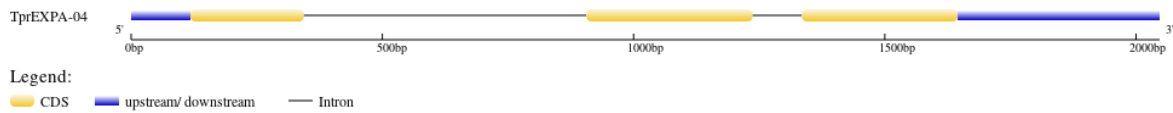
Phytozome: https://phytozome-next.jgi.doe.gov/info/Tpratense_v2

KEGG:-

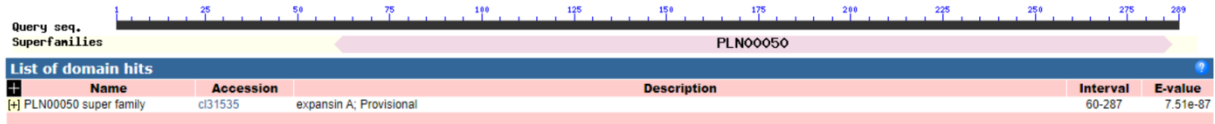
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>TprEXPA-04

MTFPLGALVTSSLLFLVAFSLPNVHSINSSWKHAAHNIIGPSNPISTPKHHRRSFLAGP
WKKAQATFYEGGSGTFVDDVGGACGYEDVVKDGYGLDTVALSTVLFNKGLACGA
CYEIKCMDSPQGCKPGQPSLLVTATDLCPPNYALPSDNGGWCNPPREHFDLAKPAYE
KIADCKAGIVSVQYRRVPCKRQGGIRFTITGNPYFNLIKVSINVGGSGDVVGVQVKGE
GQLKWTDLKRNWQQRWETNAMLSGETLFRVTTSDGRCTTSEAVAPKGWQFGQTF
VGKNLA*

CDS (coding sequence)

>TprEXPA-04

ATGACATTCCCTTTAGGAGCCCTTGTGACCTCATCATTGCTCTTTCTTGTGCTTTT
TCACTTCCTAATGTGCATTCAATCAACTCCTCATGGAAACATGCAGCTCATAATAT
TATCGGACCTAGCAATCCGATTAGTACCCCAAACATCATCGGAGATCGTTTTTA
GCTGGTCCATGGAAGAAAGCACAAAGCCACTTTCTACGAGGGAGGCTCAGGAACA
TTTGTGATGATGTAGGTGGAGCTTGTGGATACGAGGATGTGGTTAAAGATGGTT
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CAACCCTCTCTTTTAGTGACGGCAACTGACCTCTGTCCTCCCAATTATGCCCTACC
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ACCAGCTTATGAAAAAATTGCTGACTGCAAAGCTGGAATTGTGTCAGTCCAATAT
CGCAGGGTACCATGCAAGAGGCAGGGAGGTATTCGATTCACAATCACAGGGAAT
CCTTACTTCAACTTAATAAAAGTGTCTAATGTTGGAGGATCAGGTGATGTGGTAG
GAGTGCAAGTGAAGGGTGAAGGCCAACTGAAATGGACAGATTTGAAGAGAAATT
GGGGTCAGAGATGGGAGACTAATGCAATGTTGTCTGGAGAGACATTGACCTTCA
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Nucleotide

>TprEXPA-04

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AT