

IDENTIFICATION

Species: *Trifolium pratense*

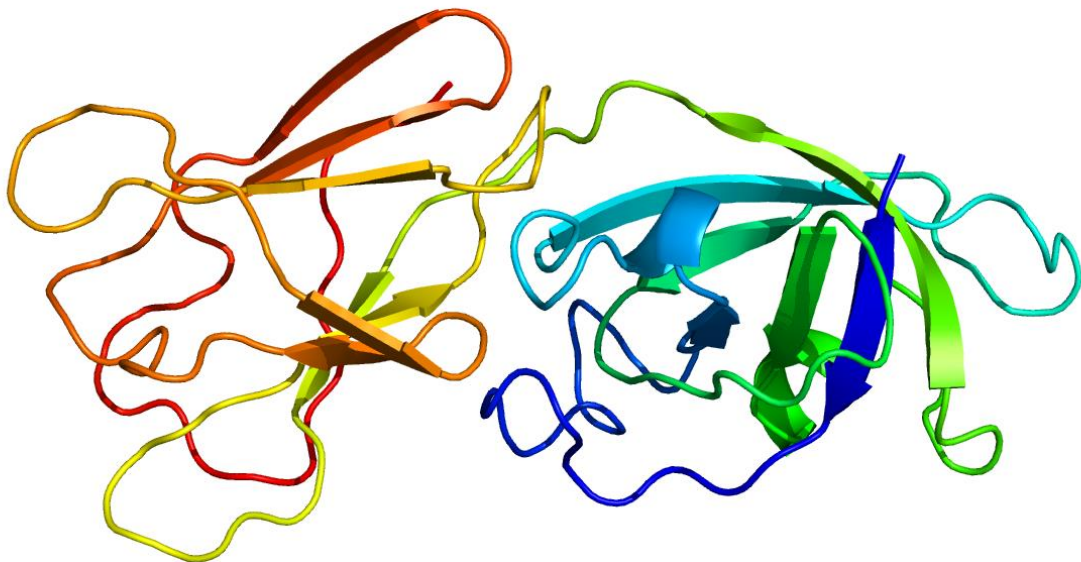
Locus: Tp57577_TGAC_v2_mRNA37356

Gene Model: Tp57577_TGAC_v2_mRNA37356

Description: TprEXPA-29

Family: Alpha Expansin

3D structure:



GENOME DATABASES

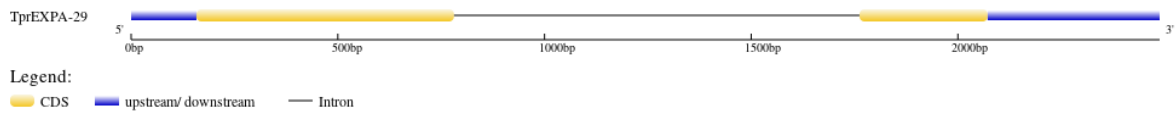
Phytozome: https://phytozome-next.jgi.doe.gov/info/Tpratense_v2

KEGG:-

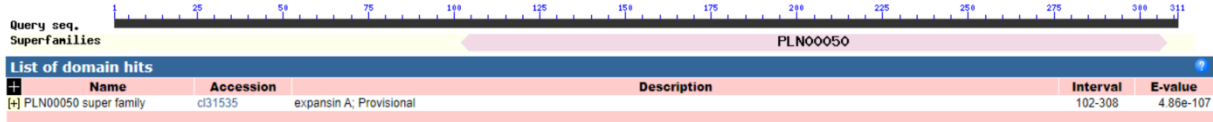
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>TprEXPA-29

MTKINITTILTFLTLLLSSTXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXLTIFYFFTGGACGYGNL
YSQGYGVNTAALSTALFNSGLSCGACFELKCANDPTWCHPGSPSILVTATNFCPPNY
AQASDNGGWCNPPRPHFDLAMPFLKIAQYRAGIVPVS YRRVSCRKQGGIRYTINGF
RYFNLVLITNVAGAGDIVKTSVKGSKSGWMSMSRNWQNWQSNVVLVGQSLFRV
TASDRRTSTSLNIVPSNWQFGQTFIGKNFRV*

CDS (coding sequence)

>TprEXPA-29

ATGACTAAGATCAACATCACCACCATTCTCACCTTCTTAACCCTTCTCCTCTCTTC
AACNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
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NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNTACTTACGATATTTTATTTTTTTACAGGTGGCGCATGCGGAT
ACGGAAATTTATATAGTCAAGGATACGGTGTGAACACGGCGGGCGTTGAGCACTG
CACTTTTTAACAGCGGTTTAAGTTGTGGTGTCTTGTTTTGAGCTAAAATGTGCTAAT
GACCCAACCTGGTGTACCCCTGGTAGTCCTTCAATATTGGTAACTGCTACAAATTT
TTGTCCACCAAATTATGCACAAGCAAGTGATAATGGAGGATGGTGTAACTCTCCA
AGACCACACTTTGATCTTGCTATGCCTATGTTTCTTAAATTGCTCAGTATCGTGC
TGGCATTGTTCCCGTTTCTTACCGCCGGGTATCATGTAGAAAGCAAGGAGGAATA
AGATACACAATCAACGGTTTCCGTTACTTCAACTTAGTTTTAATCACAACGTCGC
GGGTGCAGGTGATATAGTGAAGACTAGTGTCAAAGGTTCAAAAAGTGGTTGGAT
GAGTATGAGTCGTAACCTGGGGGCAAATTGGCAATCAAATGTTGTTTTGGTTGGT
CAGTCACTTTCTTTAGGGTACAGCCAGTGATCGACGCACTTCCACTTCTTTGAA
TATTGTTCCCTCTAATTGGCAATTTGGTCAGACTTTCATTGGCAAGAATTTTCGCG
TTTGA

Nucleotide

>TprEXPA-29

TACCGGTTAATATTTTACCCACAAACTTATGTTAATGTCCCATTTTCTCTTTATTCA
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TGCACCCTGGTAGTCCCTCAATATTGGTAACTGCTACAAATTTTTGTCCACCAAA
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ATCGACGCACTTCCACTTCTTTGAATATTGTTCCCTCTAATTGGCAATTTGGTCAG
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