

IDENTIFICATION

Species: *Medicago truncatula*

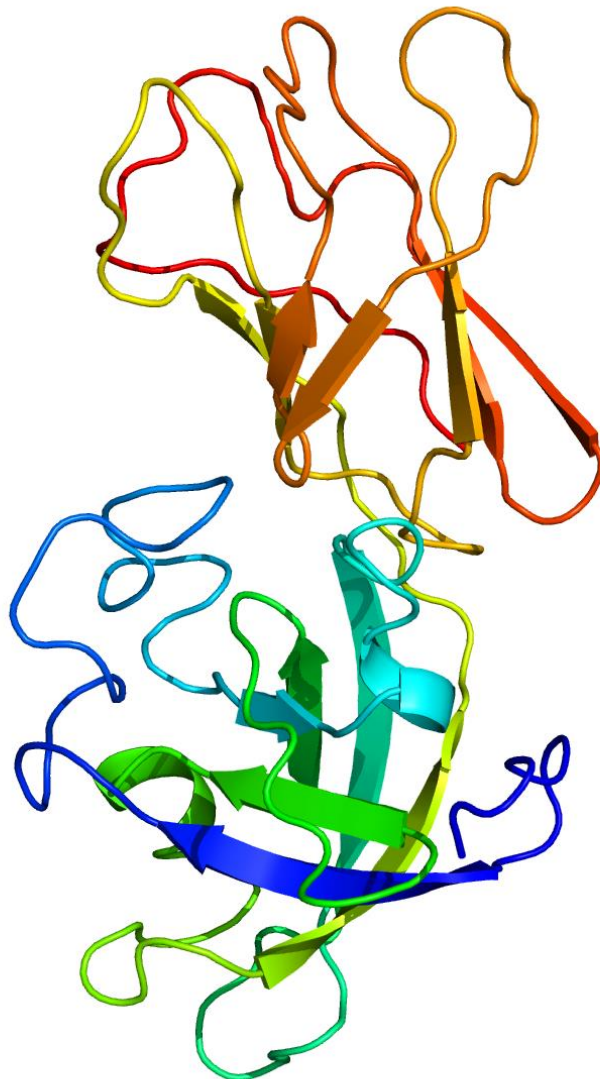
Locus: Medtr5g079950

Gene Model: Medtr5g079950.1

Description: MtrEXPA-19

Family: Alpha Expansin

3D structure:



GENOME DATABASES

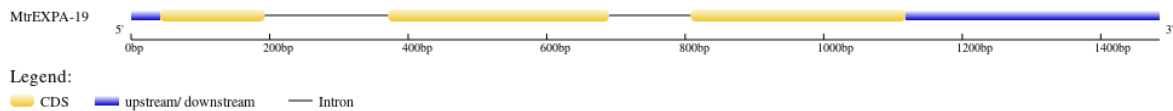
Phytozome: https://phytozome-next.jgi.doe.gov/info/Mtruncatula_Mt4_0v1

KEGG: <https://www.genome.jp/entry/T01716>

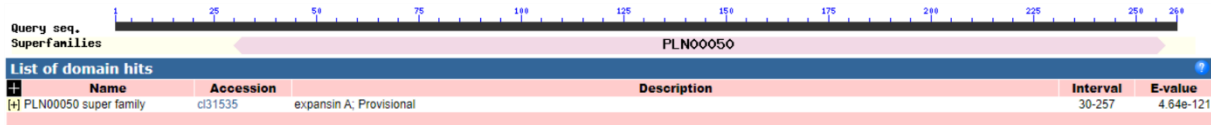
EXTERNAL RESOURCES

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GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>MtrEXPA-19

MTKLNITTIFSFLALLLTSTEARLPGVYSGGAWQTAHATFYGGSDASGTMGGACGYG
NLYSQGYGVNTAALSTALFNGLSCGSCFELKCSNDPSWCHPGSPSILVTATNFCPPN
FAQASDNGGWCNPPRPHFDLAMPMFLKIAQYRAGIVPVS YRRVPCRKQGGIRYTING
FRYFNLVLITNVAGAGDIVKTSVKGSKTGWMSMSRNWQNWQSN SVLVGQSLSFR
VTSSDKRTSTSWNIVPSNWQFGQTF TGKNFRV*

CDS (coding sequence)

>MtrEXPA-19

ATGACTAAGCTCAACATCACCACCATTTTCTCCTTCTTAGCCCTTCTCCTCACTTC
AACCGAAGCCAGACTCCCCGGTGTCTACTCCGGCGGAGCATGGCAAACCGCTCAC
GCCACCTTCTACGGCGGCAGCGACGCCTCCGGAACAATGGGTGGAGCATGTGGTT
ATGGAATCTGTATAGTCAAGGTTATGGTGTGAACACAGCAGCATTAAAGCACAGC
ACTATTCAACAACGGTTTGAGTTGTGGCTCGTGTTTTGAGTTAAAGTGTCCAATG
ATCCTAGTTGGTGCCACCCTGGAAGTCCTTCAATATTAGTAACTGCTACAAATTTT
TGTCACCAAATTTTGCTCAAGCAAGTGATAATGGAGGTTGGTGTAACCCTCCAC
GACCACACTTTGATCTTGCTATGCCTATGTTCCCTCAA AATTGCTCAATATCGTGCT
GGTATTGTTCTGTTTCTTACCGCAGGGTACCATGCAGAAAACAAGGAGGAATAA
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GGTGCAGGTGATATAGTGAAGACTAGTGTTAAAGGTTCAAAA ACTGGTTGGATG
AGTATGAGTCGTA ACTGGGGGCAA AATTGGCAATCAAATTCTGTTTTGGTTGGTC
AATCACTTTCTTTTAGGGTTACATCAAGTGATAAACGTA CTTCAACTTCTTGGAAT
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CTAA

Nucleotide

>MtrEXPA-19

AAAAACACAACTCTCCCTTTTCCACACTCAAAAACAGAGCAATGACTAAGCTCA
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