

IDENTIFICATION

Species: *Solanum pennellii*

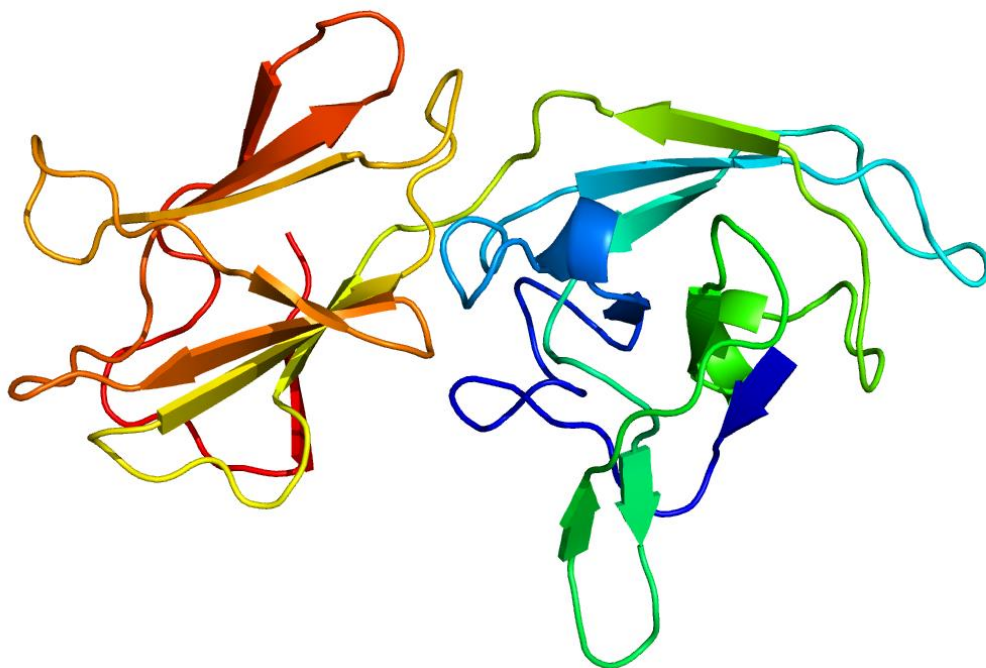
Locus: XP_027771444

Gene Model: XP_027771444.1

Description: SpnEXPA-09

Family: Alpha Expansin

3D structure:



GENOME DATABASES

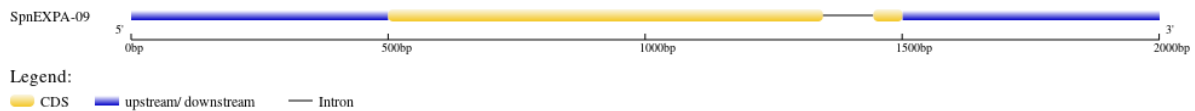
NCBI: <https://www.ncbi.nlm.nih.gov/genome/?term=Solanum+pennellii>

KEGG: <https://www.genome.jp/entry/gn:T04130>

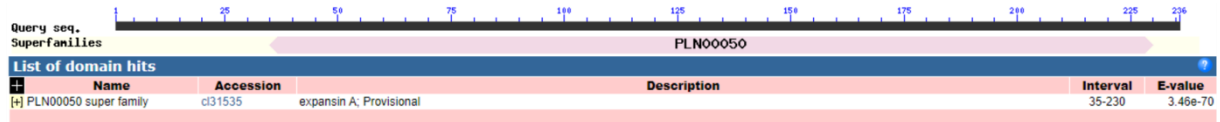
EXTERNAL RESOURCES

https://solgenomics.net/organism/Solanum_pennellii/genome

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SpnEXPA-09

MNKIFKGQRCAVFNVCVKILTFVTNLFECYIAEGACGYGDLFKQGYGLETAALSTA
LFNNGATCGACFQIKCVNAPKACHPDQIITINVPISALQITQKLQMFQVINPPQQHFDL
SLQMFLKIAEYKAGVVYRRVPCQKKGGLKFEIKGNPNWILVLFNVGGVGDVVNVK
IKGSKTEWLPMSRNWQNWQTSVQLGGQSLSFQVQTSKGKMQSDNVVPDNWQF
GQTFEAKNNF

CDS (coding sequence)

>SpnEXPA-09

ATGAATAAAATTTTCAAAGGCCAAAGATGTGCTGTTTTTCATAATGTGTGCGTCA
AGATATTAAC TTTTGTAACAAATTTATTTGAATGCTATATTGCAGAAGGAGCTTGT
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ACAGCGCTGTTTAAACAATGGAGCTACCTGTGGAGCTTGCTTTCAAATAAAGTGTG
TCAATGCTCCTAAAGCATGCCATCCAGACCAAATCATAACTATAAATGTACCAAT
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AACAACACTTTGATCTGTCATTGCAGATGTTCTTAAAGATTGCCGAGTACAAAGC
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Nucleotide

>SpnEXPA-09

ATGGCTGCTGGAATTTGTGCTCTGATGGTTATTCTTGCCAAAAGTCATGCTCAAGC
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