

IDENTIFICATION

Species: *Solanum pennellii*

Locus: XP_015080175

Gene Model: XP_015080175.1

Description: SpnEXPA-18

Family: Alpha Expansin

3D structure:



GENOME DATABASES

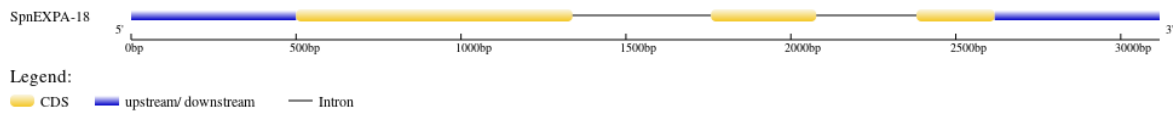
NCBI: <https://www.ncbi.nlm.nih.gov/genome/?term=Solanum+pennellii>

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

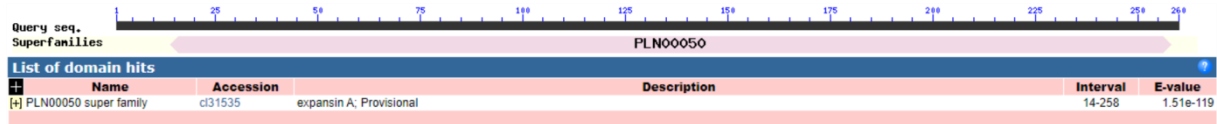
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>SpnEXPA-18

MGFLNVAFCVASLFLSILLTAEARIPGVFTAGAWQSAHATFYGGSDASGTMGGACG
YGNLYSQGYGVNNGALSTALFNGLSCGACFEIKCDNYPQWCHPGSPSIFITATNFPC
PNFALPNDNGGWCNPPRPHFDLAMPFLHIAEYRAGIVPVVYRRVPCRKQGGIRFTI
NGFRYFNLVLVTNVAGAGDIVSLSIKGSKTNWISMSRNWQNWQTNSVLFGQSLSFR
VRAGDRRSSTSWNIAPAHWQFGQTFVGKNFRV

CDS (coding sequence)

>SpnEXPA-18

GTCCTCTTCCCTCCACTACTTTCTCCTCATCTTCATTCATACATTTTCCCAGTTTTT
CTTGTTCCCTGTGTTTTTAGTAGAAATGGGGTTTTTGAATGTGGCCTTCTGTGTTGC
TTCACTTTTTCACTAATTTTACTAACAGCTGAAGCTAGAATCCCTGGTGTTTTTA
CTGCCGAGCATGGCAGAGTGCTCATGCTACCTTTTATGGCGGAAGCGACGCTTC
TGGTACTATGGGTGGAGCGTGTGGGTATGGTAACCTATACAGTCAGGGATACGGA
GTGAACAATGGAGCACTTAGCACAGCGCTATTCAACAATGGACTGAGTTGTGGA
GCGTGTTTTGAGATCAAATGTGACAACTACCCACAATGGTGCCATCCCGGAAGTC
CTTCCATCTTCACTGCTACTAACTTCTGCCCTCCCAACTTTGCTCTCCCAAACG
ACAACGGCGGTTGGTGTAACCCTCCTCGCCCTCATTTTCGACCTCGCCATGCCTATG
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GATAGAAGGAGCTCTACTTCATGGAATATAGCACCTGCACATTGGCAATTTGGTC
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GTTCC

Nucleotide

>SpnEXPA-18

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