

IDENTIFICATION

Species: *Prunus persica*

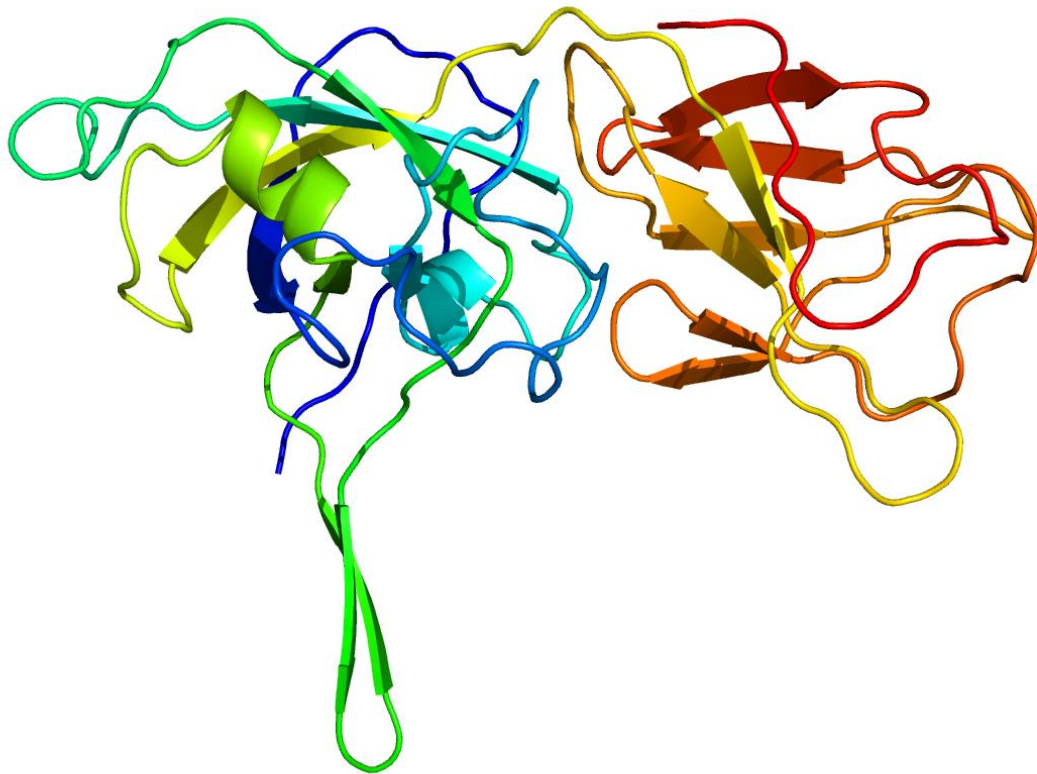
Locus: Prupe.6G256500

Gene Model: Prupe.6G256500.1.p

Description: PrpEXPA-17

Family: Alpha Expansin

3D structure:



GENOME DATABASES

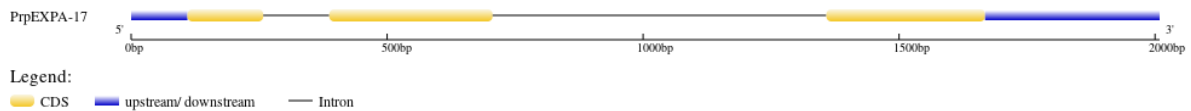
Phytozome: https://phytozome-next.jgi.doe.gov/info/Ppersica_v2_1

KEGG: <https://www.genome.jp/entry/gn:T03092>

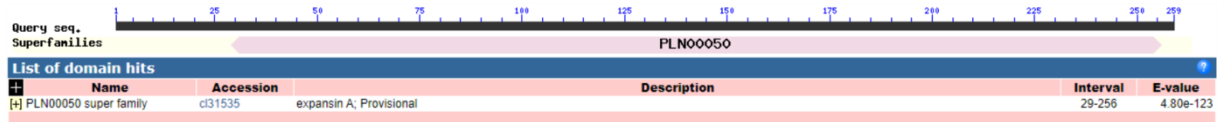
EXTERNAL RESOURCES

https://www.rosaceae.org/species/prunus_persica/genome_v2.0.a1

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PrpEXPA-17

MAFVHMLCIASLLSLFMAANARIPGVYTTGGPWEGAHATFYGGSDASGTMGGACGY
GNLYSEGYGVNTAALSTALFNGLSCGACFEIKCGDDPKWCHPGNPSIFITATNFCPP
NYALPNDDGGWCNPPRTHFDLAMPMLFLQIAEYKAGIVPVSFRRVPCRKEGGVRFITN
GFRYFNLVLITNVAGAGDIVRVSVKGANTEWMPMSRNWQNWQSNADLVGQTLTSF
RVTGSDRRRTSTSWNVAPGHWQFGQTFSGKNFRV*

CDS (coding sequence)

>PrpEXPA-17

ATGGCTTTCGTTACATGCTCTGCATTGCTTCGCTATTGTCACTTTTCATGGCGGC
CAACGCCAGAATCCCAGGCGTTTACACCGGCGGGCCATGGGAGGGCGCCACGC
CACCTTCTATGGCGGCAGCGACGCCTCTGGAACCATGGGCGGTGCTTGTGGGTAC
GGAAATCTCTACAGCGAGGGCTACGGCGTCAACACGGCGGCCCTAAGCACAGCT
CTGTTCAACAATGGCCTCAGCTGCGGAGCCTGCTTTGAGATTAAGTGTGGAGATG
ACCCCAAATGGTGCCACCCAGGCAACCCGTCATCTTCATCACTGCCACCAACTT
CTGTCCTCCAAACTACGCTCTGCCAACGACGATGGCGGCTGGTGCAACCCTCCT
CGCACCCACTTCGACCTTGCCATGCCATGTTTCTCCAGATCGCTGAGTACAAAG
CTGGTATCGTCCCGGTCTCCTTCCGCCGAGTCCCATGTAGAAAGGAAGGCGGAGT
GAGATTCACAATTAACGGCTTCCGTTACTTCAACTTGTTTCTAATCACCAACGTGC
CGGGCGCAGGAGATATCGTGCGGGTGAGCGTTAAAGGCGCGAACACTGAGTGGA
TGCCGATGAGCCGCAACTGGGGACAAAACCTGGCAATCCAATGCAGACCTCGTGG
GTCAGACCCTGTCCTTTAGAGTCACGGGCAGCGACAGGCGTACCTCCACCTCATG
GAACGTGGCACCCGGTCATTGGCAGTTCGGACAAACTTTTTCCGGGAAGAATTC
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Nucleotide

>PrpEXPA-17

CACCTCTTCCCGCTATTCGGCCCCAACCCAATCCTATACATCACACTCTCTCTCT
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