

IDENTIFICATION

Species: *Prunus persica*

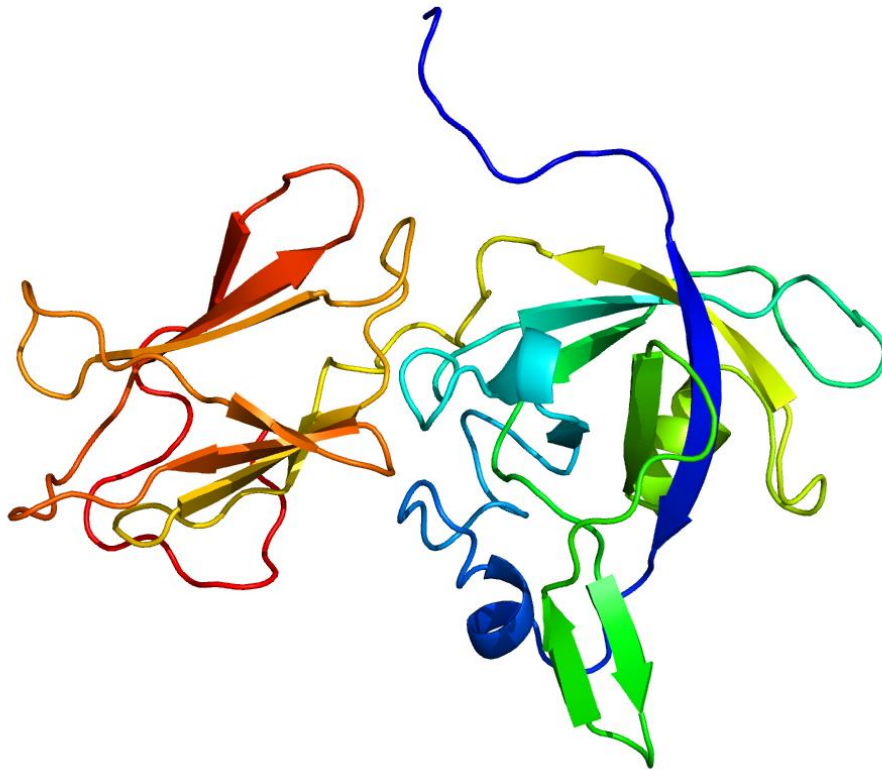
Locus: Prupe.1G276700

Gene Model: Prupe.1G276700.1.p

Description: PrpEXPA-01

Family: Alpha Expansin

3D structure:



GENOME DATABASES

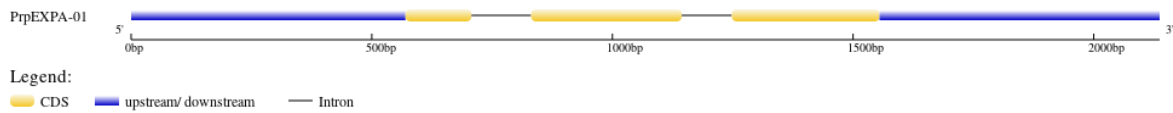
Phytozome: https://phytozome-next.jgi.doe.gov/info/Ppersica_v2_1

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

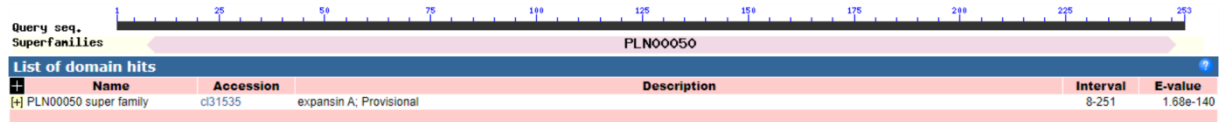
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PrpEXPA-01

MKMALAYGFCLVGLLAMVSCAHAYGGGGWVNARATFYGGGDASGTMGGACGYG
NLYSQGYGTNTAALSTALFNGLGCGSCYEIRCVS DPKWCLPGAIVVTATNFCPPNN
ALPNNAGGWCNPPQHFDLSQPVFQHIAQYKAGVVPVAYRRVPCRRRGGIRFTINGH
SYFNLVLITNVGGAGDVHSVSVKGSRTGWQAMSRNWGQNWQSN SYLNGQSLSFKV
TTSDGRTVVSYNAPAGWSFGQTYSGAQFR*

CDS (coding sequence)

>PrpEXPA-01

ATGAAAATGGCTCTTGCTTATGGGTTTTGTTTGGTGGGTCTTCTTGCAATGGTCTC
CTGTGCGCATGCTTATGGTGGAGGTGGATGGGTTAACGCTCGTGCCACTTTCTAT
GGAGGCGGTGATGCTTCCGGGACAATGGGTGGTGCTTGTGGGTATGGAAACCTCT
ACAGTCAGGGGTACGGGACAAATACTGCAGCACTGAGCACTGCTCTGTTCAACA
ATGGCTTGGGCTGTGGTTCTTGCTATGAGATTAGGTGTGTAAGTGACCCCAAATG
GTGCTTGCCTGGCGCCATTGTGGTCACAGCCACCAATTTCTGCCACCAAACAAT
GCCCTTCCTAACAATGCTGGGGGCTGGTGCAATCCTCCTCAGCACCCTTTGACCT
CTCTCAGCCTGTCTTCCAGCACATTGCTCAGTACAAAGCTGGTGTGTGCTGCTGTTG
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GGCACTCCTACTTCAACCTGGTCCTCATCAAAACGTTGGTGGTGCCGGTGATGT
GCACTCTGTTTCAGTCAAAGGGTCCAGGACTGGTTGGCAAGCAATGTCCAGAAAT
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Nucleotide

>PrpEXPA-01

GGGCAGTGGTTTGCATGTGAGGTATGGATTCTAATGGAATCGTCACCCCCATCAA
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TAATAAATTATCTTGGTCATCTA