

IDENTIFICATION

Species: *Prunus persica*

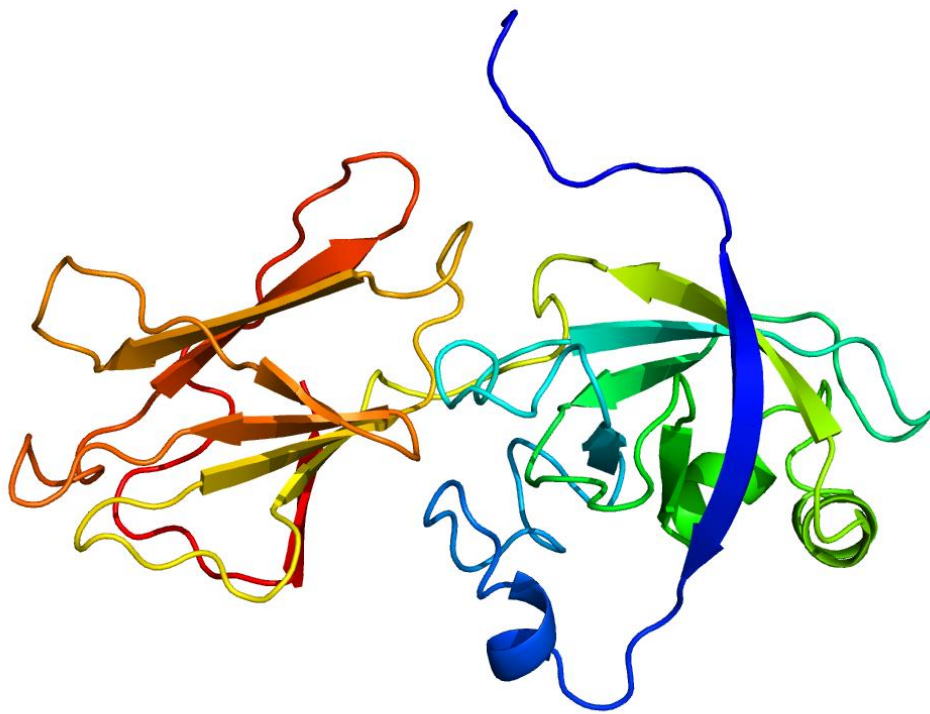
Locus: Prupe.5G047300

Gene Model: Prupe.5G047300.1.p

Description: PrpEXLB-01

Family: Expansin Like Beta

3D structure:



GENOME DATABASES

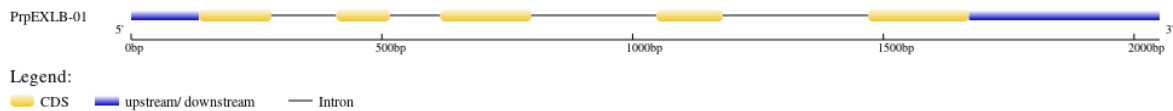
Phytozome: https://phytozome-next.jgi.doe.gov/info/Ppersica_v2_1

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

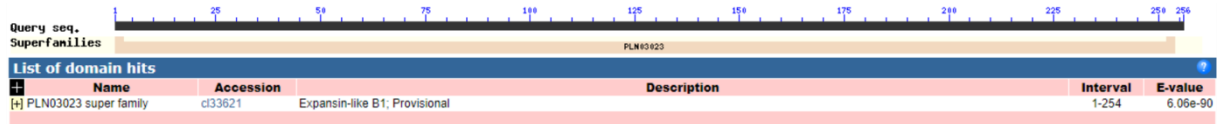
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PrpEXLB-01

MVFSLWSQLSLFIVLLVVQTPGEAATCSDCFVHSRASYYPNSEAQGTDIGACGFGSFG
ATINGGDVSAASDLYRNGVGCYQVRCTNSLYCSDKGATVVITDQSGHNTDFIL
SKRAFGRMAQTDDAAASLLSLGVVDIEYRRVSCSYPGKNITIKIDENSNYPHYLA
FYQYQGGKNDITAVQLCETQNFACKLLDRSYGAVWTTTSPPSGPLQIRMLFSDE
DGDENWVVPENNIPQDWKVGQTYDSGVQVN*

CDS (coding sequence)

>PrpEXLB-01

ATGGTTTTCTCTCTGTGGTCTCAACTTTCCCTTTTCATTGTCTTGCTTGTAGTACAA
ACTCCAGGGGAGGCTGCAACATGCAGTGACTGTTTCGTTTCATTCTCGGGCAAGTT
ATTATCCGAATTCTGAAGCGCAAGGAACAGATATAGGTGCTTGTGGGTTTGGTTC
ATTTGGAGCAACCATCAATGGAGGGGATGTCTCAGCTGCCTCTGACCTCTATCGC
AATGGAGTCGGATGCGGTGCTTGTACCAGGTGAGGTGCACCAACAGCCTCTATT
GCTCAGACAAAGGAGCAACTGTGGTTATAACTGACCAAGGCTCCGGTCACAACA
CGGACTTCATCCTTAGCAAACGAGCCTTTGGCCGGATGGCTCAAACACTACAGATGC
AGCTGCTTCTCTGCTGTCCCTTGGAGTAGTCGATATCGAATACCGAAGGGTTTCAT
GCAGTACCCAGGAAAAAATATTACAATCAAGATTGATGAGAACAGTAATTATC
CTCACTATTTGGCTTTTGTAAATATATTACCAGCAAGGGAAGAACGATATCACAGC
TGTCAGCTATGTGAGACACAAAATTTGCCTGCAAACACTATTGGACAGGAGTTAT
GGAGCAGTTTGGACGACTACCTCACCCCAAGTGGACCCTTGCAGATAAGGATGC
TATTCAGTGATGAAGATGGTGATGAGAATTGGGTTGTTCTCTGAGAATAACATAACC
ACAAGATTGGAAAGTTGGACAAACATATGACTCAGGAGTTCAAGTGAACATAA

Nucleotide

>PrpEXLB-01

AATTGAAGTTGGACTTCATATTTTGCTATAAATACACTAACCATTTAGCTATAGCT
TCATGCAGTAGCACCAACTTGCGATAAAATTCTAGCAAGAAAACACTAGCTCTCATT
TCATTTTGCTTGTGAGGACCTATAATGGTTTTCTCTCTGTGGTCTCAACTTTCCCTT
TTCATTGTCTTGCTTGTAGTACAACTCCAGGGGAGGCTGCAACATGCAGTGACT
GTTTCGTTTCATTCTCGGGCAAGTTATTATCCGAATTCTGAAGCGCAAGGAACAGA
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AGGCATGCTATGTATGTGGTAGTGGATTTATGTGTACGCTTAATACTAATTAATAT
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CGGTGCTTGTACCAGGTGAGCATGCACTCCTAAAGCATGAAAATATGTGTTTGT
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CTAGGTGAGGTGCACCAACAGCCTCTATTGCTCAGACAAAGGAGCAACTGTGGTT
ATAACTGACCAAGGCTCCGGTCACAACACGGACTTCATCCTTAGCAAACGAGCCT
TTGGCCGGATGGCTCAAACACAGATGCAGCTGCTTCTCTGCTGTCCCTTGGAGT
AGTCGATATCGAATACCGAAGGTAAGATCCTAGCAACTTTGAGGAAGAAATAAG
GCATTTTCATAGTTACACAGAGGAGGTGGTATCACTTCTGATCAATAGTTACACA
GAGAAGATTGTCCCAACAGAACAATCTGTATAATTGAAACACACACAAACACAT
GGTTTCCTTTATCTATATATGTAGCTATTCATTTATGACAAACTTTGATGACTAGA
AACTAACCAAGTAGCTCTCTCTCTCTCCCTCTCTCTCTTCCCAAACAGGGTTT
CATGCAGCTACCCAGGAAAAAATATTACAATCAAGATTGATGAGAACAGTAATT
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AGCTGTCCAGCTATGTGAGGTATATTTCTCCTCACTATTAACCTTGTGGAGATGA
GTCAAAAATGGAGGCCACATCATGCTATAACAAATTAACCTCAGTAGTTGTAGTT
TCAACTAGGAAAGCAATTAACAAAGATGAAACAGTTCTTACTCTGATCAATTAC
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AATTA AAAATTCTTTTTTTCAAATGTGCAGACACAAAATTTTGCCTGCAAACCTAT
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GCAGATAAGGATGCTATTCAGTGATGAAGATGGTGATGAGAATTGGGTTGTTCCCT
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CAAGTGAAC TAATTACAGATAGACATGCAAATGCAGCAGATCAAATATTCTAATT
TATAAATTTTTCTTAGTTACACAAATGTTTTGATTTGTTGTGCTTCATTAATTAATG
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CTTCATGTAATCATCAGTGTTCAACCAAATTCTATAAATTATTAATTTTTTATTAT
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TGATCACACAAGTTTCTTAATGAAGGCTTCTTTTATTTTTTATTAATATTATGACTG
CGACTAGATTCTCACTTTTTAAGGCATCGGAAGGTATTGGGTGACATAATTGGC
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