

IDENTIFICATION

Species: *Phalaenopsis equestris*

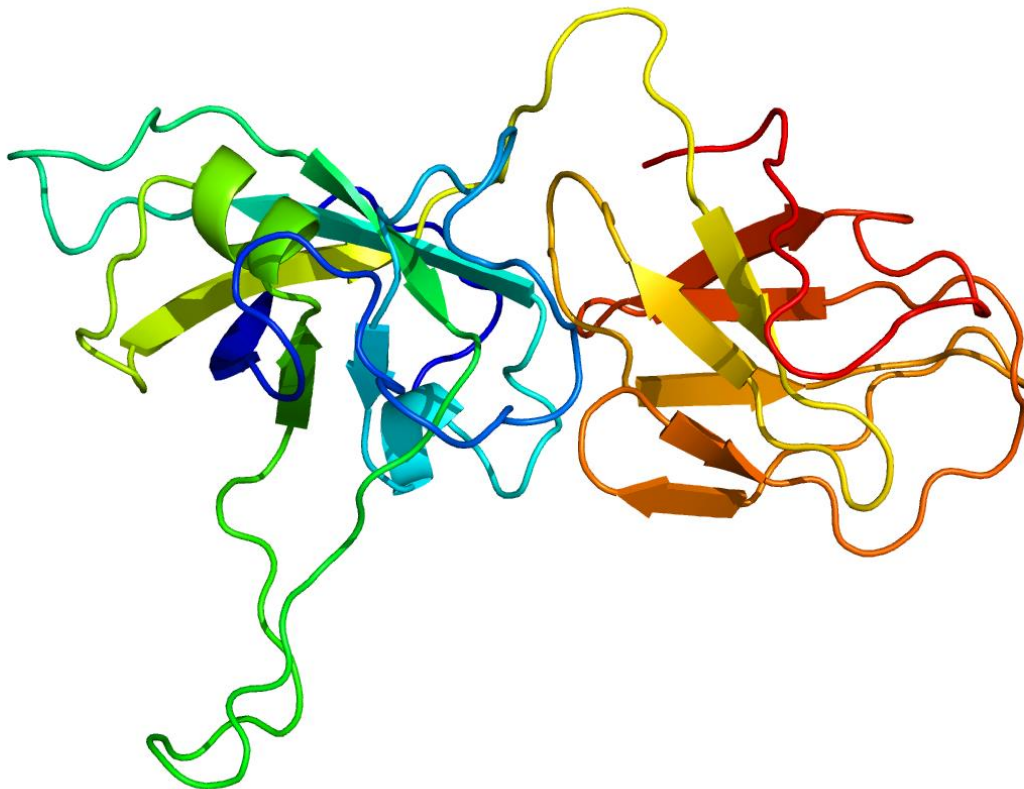
Locus: XP_020575602

Gene Model: XP_020575602.1

Description: PeqEXPA-12

Family: Alpha Expansin

3D structure:



GENOME DATABASES

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

KEGG: <https://www.genome.jp/entry/T05601>

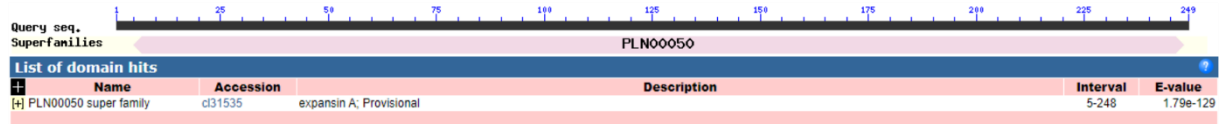
EXTERNAL RESOURCES

http://orchidbase.itps.ncku.edu.tw/est/Phalaenopsis_2019.aspx

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>PeqEXPA-12

MAINLLFMMSILLFSTPICFAQGGWTA AHATFYGGSDASGTMGGACGYGNLYSQG
YGTNTAALSTALFNNGQSCGACYEITCVADRQWCLPGSIVVTATNFCPPNNALPNNN
GGWCNPPLQHF DLSQPIFQRIALYRAGIVPVS YRRVPCRKRGIRFTVNGHSYFNLVLI
TNVAGAGDVQAVSIKGSRTGWQPM SRNWGQNWQSN SYLDGQSL SFRVTTSDGRSV
LSYNVAPPNWSFGQTFSGSQFF

CDS (coding sequence)

>PeqEXPA-12

ATATCCCCCTTTCCCCTCCCCTCTTCTCCTCACAAACATTCTCTCCTTATCCCTTCC
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ACCGCCGCTCATGCCACCTTCTATGGAGGAAGTGATGCGTCCGGCACTATGGGTG
GAGCTTGTGGGTATGGGAATTTGTACAGCCAAGGATATGGGACTAACACTGCTGC
TCTGAGCACTGCTCTTCAACAATGGGCAGAGTTGTGGGGCTTGTATGAGATA
ACGTGTGTTGCAGACAGGCAATGGTGCCTTCCAGGCTCCATTGTTGTA ACTGCAA
CAAATTTCTGCCCCCAAATAATGCGCTTCCGAACAATAATGGGGGATGGTGTA
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Nucleotide

>PeqEXPA-12

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