

IDENTIFICATION

Species: *Chenopodium quinoa*

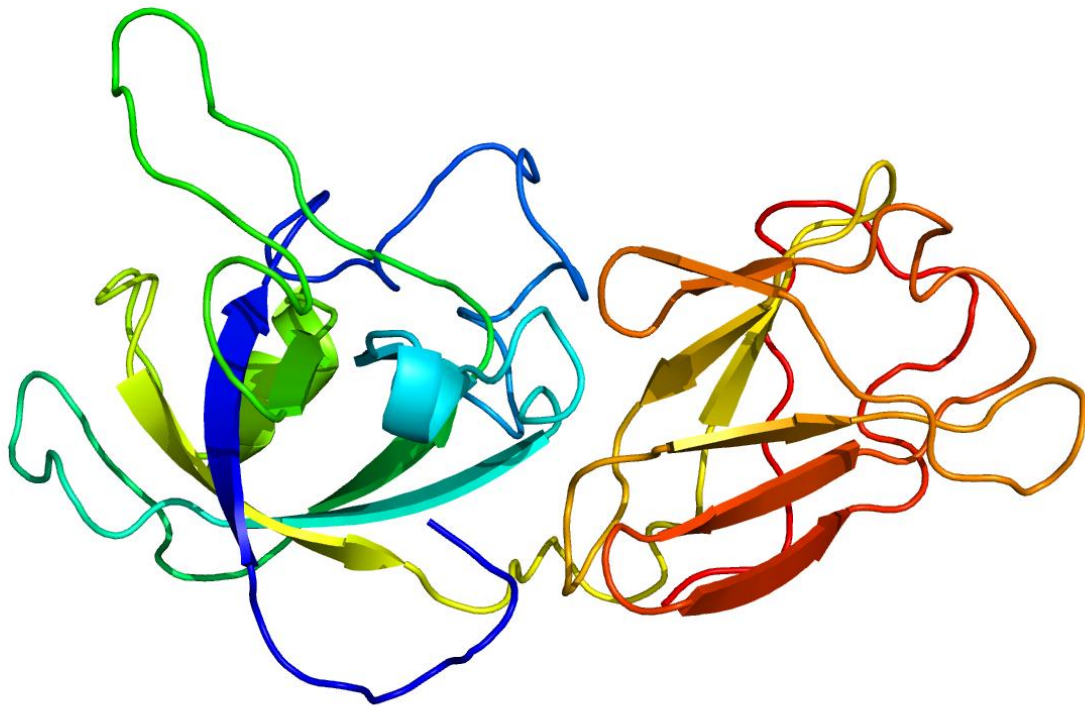
Locus: AUR62018282

Gene Model: AUR62018282

Description: CqEXPA-29

Family: Alpha Expansin

3D structure:



GENOME DATABASES

Phytozome: https://phytozome-next.jgi.doe.gov/info/Cquinoa_v1_0

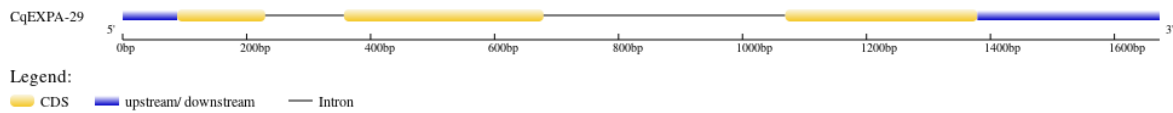
KEGG: <https://www.genome.jp/entry/T05764>

EXTERNAL RESOURCES

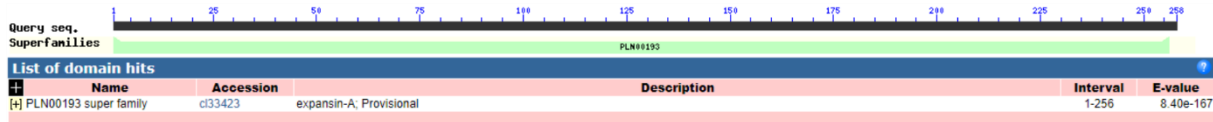
<https://www.cbrc.kaust.edu.sa/chenopodiumdb/>

<http://quinoa.kazusa.or.jp/index.html>

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CqEXPA-29

MSKSALAISTVFLGLCILNINVDAFVASGWQKAHATFYGGSDASGTMAGACGYGNL
YSTGYGTSTAALSTALFNNGAACGQCIRIMCDYNTDPTWCRKGASVTITATNFCPPN
YALPNNAGGWCNPPRQHFDMAQPIWEKIGIYRGGIIPVIFQRVPCIKQGGVRFINGR
DYFELVLISNVGGAGSIQSVLIKGSKTNWMAMSRNWGANWQSLAYLNGQSLSFRT
TTDGQTQTFNNVIPANWRFGQTFSTSIQFK*

CDS (coding sequence)

>CqEXPA-29

ATGAGCAAATCAGCCTTAGCCATTTCTACTGTTTTTCTAGGATTATGTATCCTAAA
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ACGGTGGTAGTGACGCTTCTGGAACATGGCCGGAGCATGTGGGTATGGGAACTT
GTACTCCACTGGCTATGGGACTAGCACCGCGGCTCTAAGTACTGCATTGTTCAAC
AATGGTGCCGCATGTGGGCAATGCTACAGGATCATGTGTGACTATAACACGGATC
CCACGTGGTGCAGGAAAGGAGCCTCGGTCACTATTACTGCAACTAATTTCTGCCC
TCCAAATTATGCACTGCCTAACAATGCTGGAGGTTGGTGTAACTCCTCCTCGCCAA
CACTTTGACATGGCCCAACCTATTTGGGAGAAGATTGGCATTACAGAGGTGGAA
TCATTCCTGTCATTTTCCAAAGGGTTCCTTGCATTAAGCAAGGAGGAGTGAGATT
CACTATCAATGGAAGGGACTACTTTGAGCTTGTATTGATAAGCAATGTAGGTGGA
GCGGGATCAATCCAATCTGTTTTGATCAAGGGATCGAAAACCAACTGGATGGCGA
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A

Nucleotide

>CqEXPA-29

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