

IDENTIFICATION

Species: *Chenopodium quinoa*

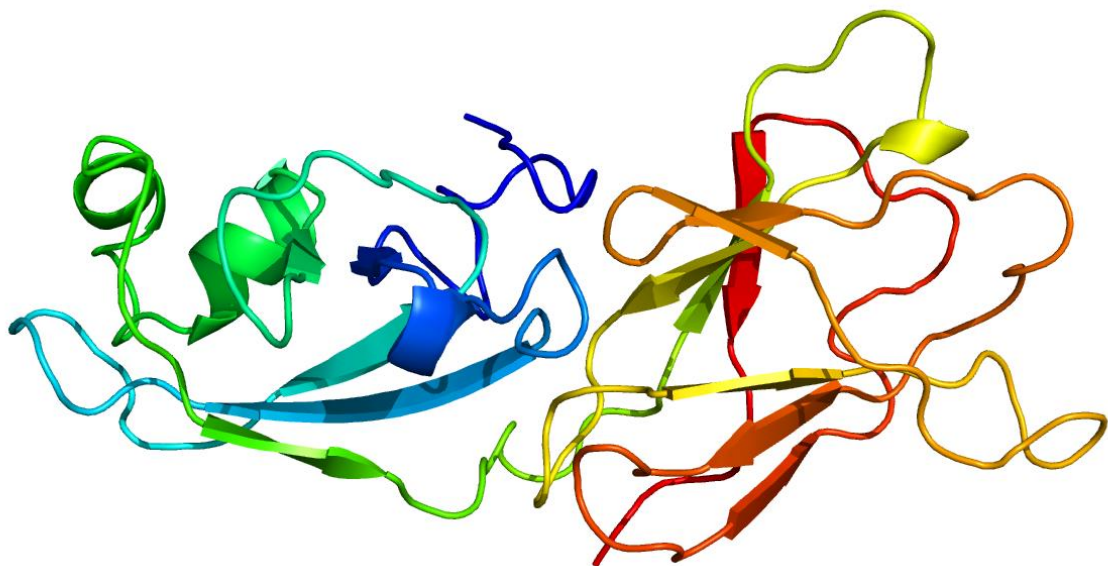
Locus: AUR62012952

Gene Model: AUR62012952

Description: CqEXLA-03

Family: Expansin Like Alpha

3D structure:



GENOME DATABASES

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

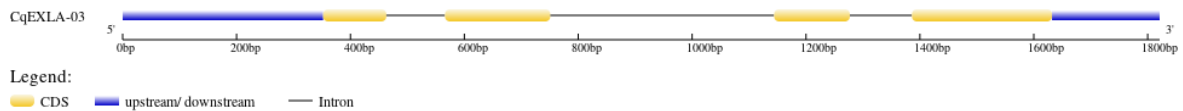
KEGG: <https://www.genome.jp/entry/T05764>

EXTERNAL RESOURCES

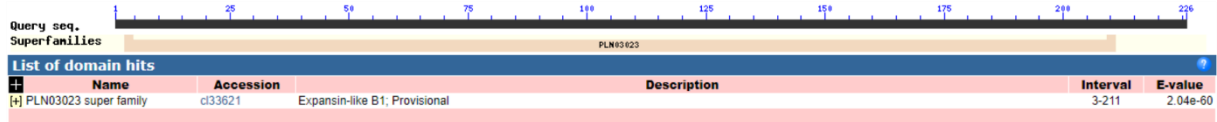
<https://www.cbrc.kaust.edu.sa/chenopodiumdb/>

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>CqEXLA-03

MGGACGYGPYALDFHGGHVAALPSIYKKGEGCGACFQIRCNNSAICSTKGTKIVVT
DVHTDKTKSTQFVLSSRAFRAMALPGKDRQLLHVGIADVEYKRVPCVYKQNL SIR
VEEFSKFPNYLAIKVLYQGGQTSILGGDVASVDNLSNWVYLSQNYGAVWDTDNAPS
GKLVFRFIINSGFDSRYFYTNIEGVLPANWKPGVVYNSSVQISDIALDGCVPCKTWK*

CDS (coding sequence)

>CqEXLA-03

ATGGGTGGAGCTTGTGGGTATGGTCCTTATGCACTAGACTTTCATGGTGGACATG
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CAGATAAGGTGCAACAACAGCGGATTTGCAGTACAAAAGGCACAAAGATAGTT
GTTACTGATGTTCATACTGATAAGACCAAATCTACACAATTCGTGCTAAGTAGCA
GAGCTTTTAGGGCTATGGCTTTGCCTGGCAAGGACAGACA ACTCTTACATGTTGG
AATTGCAGATGTTGAATATAAGAGGGTACCCTGTGTTTACAAAGGTCAAACTTG
TCGATTCGAGTGGAAGAGTTCAGCAAATTTCTA ACTATTTGGCAATCAAAGTCC
TCTACCAAGGTGGTCAGACATCTATCTTAGGTGGTGATGTAGCCTCGGTTGATAA
TCTAAGTAACTGGGTTTACCTGAGCCAAACTATGGGGCGGTATGGGACACTGAC
AATGCTCCAAGTGGGAAACTGGTGTTCAGGTTCATCATCAACTCCGGCTTCGATT
CCCGATACTTCTATAACGAAGGTGTCTCCCTGCAA ACTGGAAGCCTGGTGT
GGTATACA ACTCTAGTGTGCAAATCAGTGATATTGCTTTAGACGGTTGTGTTCTT
GTA AACCTGGAAATGA

Nucleotide

>CqEXLA-03

ATGGGTGTTTTACTCTGTTTCTTCTTCTTCTTTCATCTGCTTCTGCTACTTGTA
AACAAATGTGCTTCTCAAAGCTGCTTCTTTGCTAGCTCTAAGGGTCTTTCAGGT
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