

## IDENTIFICATION

**Species:** *Oryza sativa*

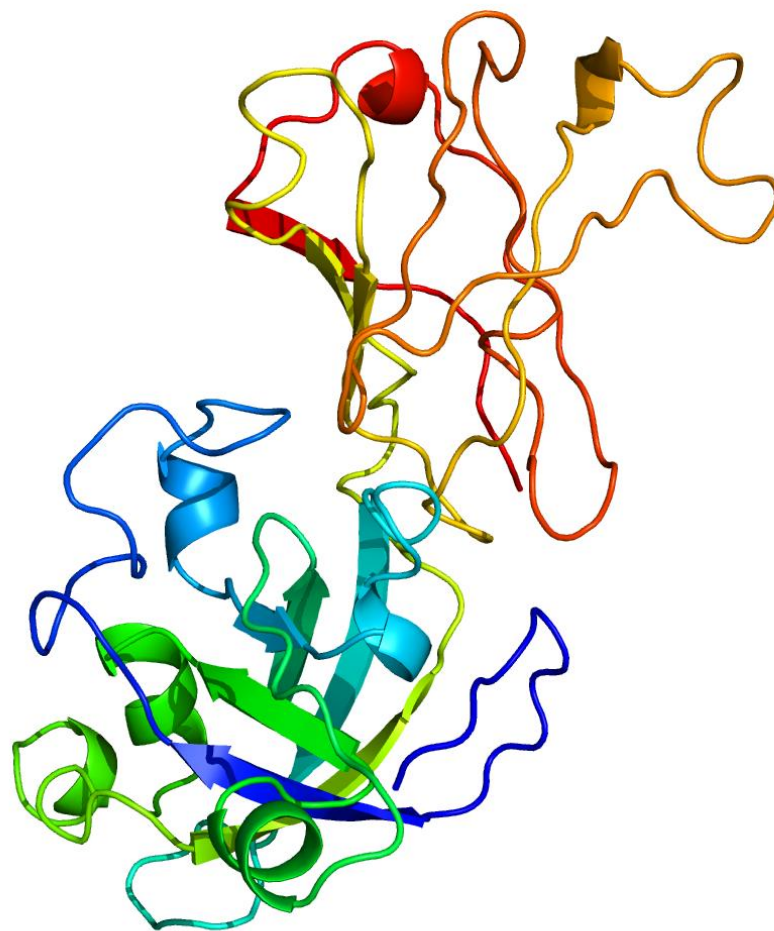
**Locus:** LOC\_Os06g50960

**Gene Model:** LOC\_Os06g50960.1

**Description:** OstEXLA-03

**Family:** Expansin Like Alpha

**3D structure:**



## GENOME DATABASES

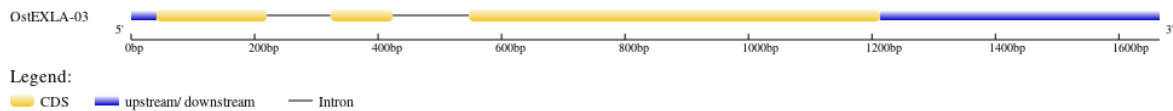
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Osativa\\_v7\\_0](https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0)

KEGG: <https://www.genome.jp/entry/T01015>

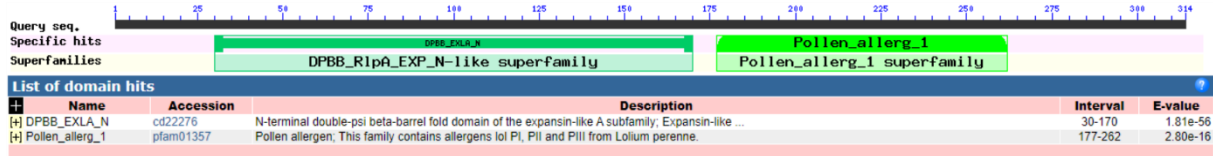
## EXTERNAL RESOURCES

<http://rice.uga.edu/>

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>OstEXLA-03

MDDNGDVHFCHRATAVVALLLLHLVAVANAAHSCDWCTPRHSTVSILPTPTAAH  
 LTGGACGFGAAPMELNVA AVTADLFRHGHACGACYQLRCRDRRLCGEDGVKVVV  
 ADMAKQPEQEGEMNRTAGGSLQFRITEDAFAAMAKQGVSAHELTRQRTLEVD  
 FRRIPCEYRESRRLAVRVEEASRNPTHLAIRFLYQGGQTDIAAVEIAQANATPPSSSYSSW  
 RYMTRRDGAPGVWTTSRAPVGPLRLRVVVTAGSGGKWLRS DGEVLPADWRPGEVY  
 DTGLRVTDVA VRSCSLSCAIQDMDSDDGEEEEELR\*

### CDS (coding sequence)

>OstEXLA-03

ATGGACGACAACGGCGACGTCCATTTCTGCCACAGAGCCACCGCCGTCGTGGCGC  
 TGCTTCTTCTCCACCTTGTCGTCGTCGCCAACGCCGCCGCCCCTCCTGCGATTGG  
 TGCACCCCGCGCCACTCCACCGTCTCCATCCTCCCCACCCACGCACGCCGCC  
 ATCTCACCGGTGGCGCCTGCGGGTTCGGTGCCGCACCAATGGAGCTAACGTTGC  
 CGCCGTCACCGCCGACCTCTTCCGCCATGGCCATGCCTGCGGCGCCTGCTACCAG  
 TTAAGGTGCAGAGACCGGAGACTGTGCGGGGAGGACGGCGTCAAGGTCGTCGTC  
 GCCGACATGGCGAAGCAGCCGGAGCAGGAGGGGGAGATGAACCGGACAGCCGG  
 CGGCTCGCTGCAGTTTCGCATACCGAGGACGCCTTCGCGGCCATGGCCAAGCAG  
 GGCGTCTCCGCTCACGAGCTCACGAGGCAGCGCACGCTAGAGGTGGACTTCAGG  
 AGGATACCTTGCAGTACAGGGAGAGCAGGAGGTTGGCGGTGAGGGTGGAGGAG  
 GCGAGCAGGAACCCGACCCACCTCGCCATCCGCTTCTGTACCAGGGCGGCCAGA  
 CCGACATCGCCGCCGTTGAGATCGCGCAGGCGAACGCTACACCGCCGTCGTCGTC  
 GTACTATTCGTCGTTGAGGTACATGACGCGGCGCGACGGCGCGCCGGGAGTCTG  
 GACGACGTCGCGCGCGCCGGTTCGGCCCGCTGCGGCTCCGCGTCGTGGTGACGGCC  
 GGCTCCGGCGGGAAATGGCTGCGTAGCGACGGTGAGGTGCTTCCCGCCGACTGG  
 AGGCCCGGCGAGGTGTACGACACCGGCCTTCGGGTCACCGACGTCGCCGTGCGCT  
 CGTGCAGCCTCTCCTGTGCCATCCAGGACATGGACAGCGATGATGGAGAGGAGG  
 AAGAGCTCAGATGA

### Nucleotide

>OstEXLA-03

GGTGGTTTTGGTAGTGGCTGGGAGTACATTTGATTTGAGCCATGGACGACAACGG  
CGACGTCCATTTCTGCCACAGAGCCACCGCCGTCGTGGCGCTGCTTCTTCTCCACC  
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CTCCACCGTCTCCATCTCCCCACCCACGCACGCCGCCATCTCACCGGCAAGT  
CATCACCTCAACTACCCACCCTACCTATGGAGTCGATCTACCTACGCATGCATAG  
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TGGCGAAGCAGCCGGAGCAGGAGGGGGAGATGAACCGGACAGCCGGCGGCTCG  
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CCGCTCACGAGCTCACGAGGCAGCGCACGCTAGAGGTGGACTTCAGGAGGATAC  
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TCGCCGCCGTTGAGATCGCGCAGGCGAACGCTACACCGCCGTCGTCGTCGTA  
TTCGTCGTGGAGGTACATGACGCGGCGCGACGGCGCGCCGGGAGTCTGGACGAC  
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TTAGTGCTAGACACTGTCCCTGCTATTTTGTATTTTTCGACTGATAAGAGTAGAGA  
GAAAACTTTAATAAAGTTCAAAC