

## IDENTIFICATION

**Species:** *Oryza sativa*

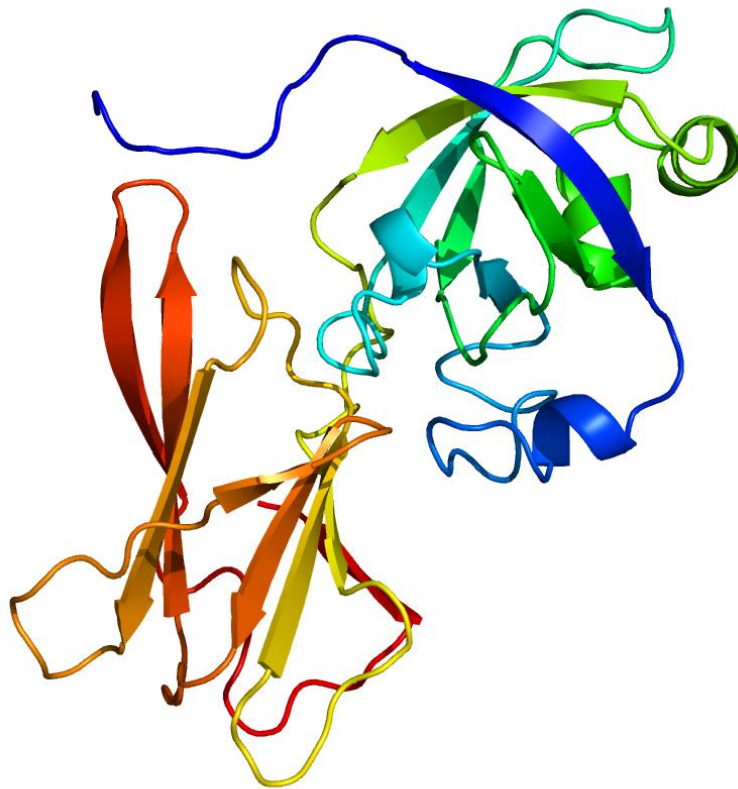
**Locus:** LOC\_Os10g39640

**Gene Model:** LOC\_Os10g39640.1

**Description:** OstEXLA-05

**Family:** Expansin Like Alpha

**3D structure:**



## GENOME DATABASES

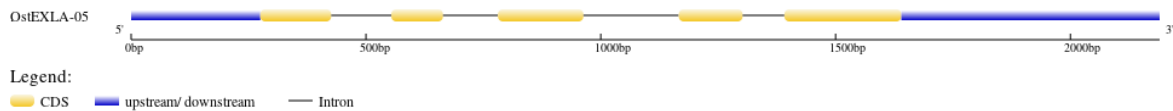
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Osativa\\_v7\\_0](https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0)

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

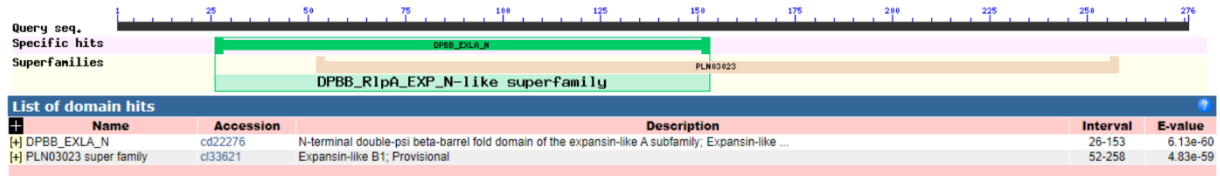
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>OstEXLA-05

MAVRCCSSMASASVVLFFVVVGMSASMVSGCDRCVRRSKAGFRDSSIALNAGSCGY  
GSLAASFNGGHLAAASPALFRGGVGCACFQVRCKDGKLCSTAGAKVVVTDEARST  
NRTDLVLSAAAYAAMARPGMAAQLRTRRAVDVEYKRVPCYEAAGRNL SIRVEEKS  
RPPRELSIRFLYQGGQTDIVAVDVATVGSNWKFMTRDYGPAWSTAQAPAGPLQFR  
VVVTGGYDGKWWADGEVLP RRWTAGRVYDAGVQIADVAQEGCYP CDTQEWK\*

### CDS (coding sequence)

>OstEXLA-05

ATGGCCGTTTCGGTGTGCTCTTCCATGGCGAGCGCCAGCGTTGTCCTCTTCTTCGT  
CGTCGTCGGCATGTTCGGCGTCGATGGTCTCCGGCTGCGACAGGTGCGTGCGCCGG  
TCCAAGGCCGGATTCCGCGACTCGTCGATCGCGCTGAACGCCGGTTCTTGCGGGT  
ACGGCTCCCTCGCCGCGTCCTTCAACGGCGGCCACCTCGCCGCCGCGAGCCCGGC  
GCTGTTCAAGGGGCGGTGTTCGGCTGCGGCGCCTGCTTCCAGGTGCGGTGCAAGGAC  
GGCAAGCTGTGCAGCACGGCGGGCGCCAAGGTGGTTCGTGACGGACGAGGCGCGG  
TCGACGAACCGCACCGACCTCGTGCTGAGCGCCGCCGCGTACGCCGCCATGGCC  
GCCCCGGCATGGCCGCGCAGCTCAGAACACGCCCGCGCCGTTGACGTCGAGTACA  
AGAGGGTACCGTGCGAGTACGCAGCTGGTCGCAACCTGTCGATACGCGTGGAGG  
AGAAGAGCCGTCGCCCGCGCGAGCTGTCCATCAGGTTCTCTACCAGGGTGGCCA  
AACCGACATCGTCGCCGTCGACGTCGCCACGGTCGGGTCGTCGAACTGGAAGTTC  
ATGACGCGGGACTACGGGCCGGCGTGGAGCACGGCGCAGGCGCCGGCGGGGCCG  
CTGCAGTTCAGGGTGGTGGTCACCGGCGGGTACGACGGGAAGTGGGTGTGGGCC  
GACGGCGAGGTCCTGCCGCGGCGGTGGACGGCCGGACGGGTGTACGACGCCGGC  
GTGCAGATCGCCGACGTCGCGCAGGAAGGGTGCTACCCGTGCGACACGCAGGAG  
TGGAAGTGA

### Nucleotide

>OstEXLA-05

GAGCGCGTCGCGTGTCCAAAACATTCTGCATTTCTTTCCGCTCTCTCTCTCGACC  
CGCGGCAGCACAGCACCAAGTATTTTGTGGGGGATACGAGCGGCAAAACAGGTG

AAAGTAACTGCAGGCCTTGCCGCGTGGTGGTGTAGCCGCGTAGGGGTGGTATAA  
AGCCAAAGCCGTTGTGCGTAAGCATCCCCTCGACTTGTTCTCCCAAGTAAACCAC  
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GTGGTCGTGACGGACGAGGCGCGGTTCGACGAACCGCACCGACCTCGTGCTGAGC  
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CGCCGCGCCGTTGACGTTCGAGTACAAGAGGTAAAAAAAAAAAAATCCTCTTTTGGT  
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ATCCGTAGTATAGAGTAATAATTGGAGCACAGCGATTAGCCACAGTTAGCTGTAG  
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TATGCCGCGGTTCGCGAAAACGTAAGTGTGGCAGATTCCGGTGGACGCGCTTTAAC  
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CAAATAGGGTGGGACAAAATTGGAATGACAAAATTATCTGTCTTA