

## IDENTIFICATION

**Species:** *Oryza sativa*

**Locus:** LOC\_Os03g01640

**Gene Model:** LOC\_Os03g01640.1

**Description:** OstEXPB-08

**Family:** Beta Expansin

**3D structure:**



## GENOME DATABASES

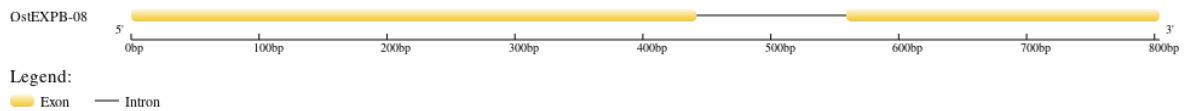
Phytozome: [https://phytozome-next.jgi.doe.gov/info/Osativa\\_v7\\_0](https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0)

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

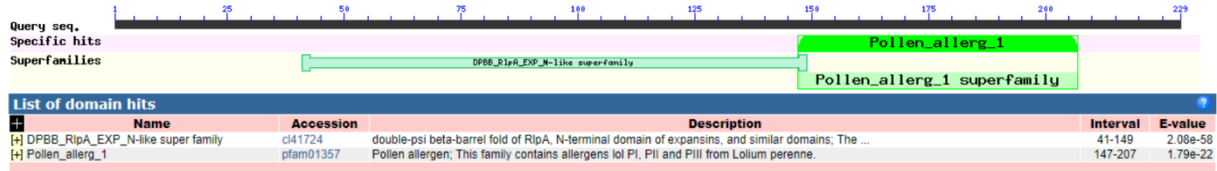
## EXTERNAL RESOURCES

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

## GENE STRUCTURE



## DOMAIN ARCHITECTURE



## SEQUENCES

### Peptide

>OstEXPB-08

MASSLLLASVVVAAMVSAVSCGPPKVPPGNITASYGDKWLEARATWYGAAKGA  
GRKDNSGACGYKDVDKAPFLGMNSCGNDPIFKDGKGCSCFEIKCSKPKACSDKPV  
LIHVTDMNDEPIAAYHFDFLFGAFGAMAKDGKDELLKYVAGDGDVVEVEIKEKGS  
EEWKALKESWGAIWRIDTPKPLKGPFSVRVTTEGGEEKIIAEDAIPDGWKADS VYKSN  
VQAK\*

### CDS (coding sequence)

>OstEXPB-08

ATGGCATCCTCCTCCCTCCTACTCGCCTCTGTCGTGGTGGCGGCCATGGTGTCCGC  
TGTCTCCTGCGGGCCACCCAAGGTGCCACCGGGCCCCAACATCACGGCAAGCTAC  
GGCGACAAGTGGCTAGAAAGCCAGGGCCACCTGGTACGGTGC GGCCAAGGGTGCC  
GGCCGCAAGGACAACAGCGGCGCCTGCGGGTACAAGGATGTCGACAAGGCTCCC  
TTCCTCGGCATGAACTCCTGCGGCAACGACCCCATCTTCAAGGACGGCAAGGGCT  
GCGGCTCATGCTTCGAGATCAAGTGCTCCAAGCCAAAGGCATGCTCCGACAAGCC  
CGTCTTATCCACGTCACCGACATGAACGACGAGCCCATCGCTGCCTACCACTTC  
GACCTCTTCGGCCTTGCCTTCGGCGCCATGGCTAAGGATGGCAAGGATGAGGAGC  
TCCTCAAGTACGTCGCTGGT GATGGTGACGTCGTGGAGGTGGAATCAAGGAGA  
AGGGCTCCGAGGAGTGGAAGGCGCTCAAGGAGTCATGGGGTGCCATCTGGAGGA  
TAGACACCCCAAGCCGCTCAAGGGCCCCTTCTCCGTCCGCGTCACCACCGAGGG  
TGCGGAGAAGATCATCGCCGAGGACGCCATCCCTGATGGCTGGAAGGCCGACAG  
CGTGTACAAGTCCAACGTCCAAGCCAAGTGA

### Nucleotide

>OstEXPB-08

ATGGCATCCTCCTCCCTCCTACTCGCCTCTGTCGTGGTGGCGGCCATGGTGTCCGC  
TGTCTCCTGCGGGCCACCCAAGGTGCCACCGGGCCCCAACATCACGGCAAGCTAC  
GGCGACAAGTGGCTAGAAAGCCAGGGCCACCTGGTACGGTGC GGCCAAGGGTGCC  
GGCCGCAAGGACAACAGCGGCGCCTGCGGGTACAAGGATGTCGACAAGGCTCCC  
TTCCTCGGCATGAACTCCTGCGGCAACGACCCCATCTTCAAGGACGGCAAGGGCT

GCGGCTCATGCTTCGAGATCAAGTGCTCCAAGCCAAAGGCATGCTCCGACAAGCC  
CGTCCTTATCCACGTCACCGACATGAACGACGAGCCCATCGCTGCCTACCACTTC  
GACCTCTTCGGCCTTGCCTTCGGCGCCATGGCTAAGGATGGCAAGGATGAGGAGC  
TCCGTAAGGCCGGCATCATCGACACGTAGTTCCGCCGCTTCAAGTGCAAGTACCC  
TGCCGACACCAAGATCACCTTCCACATCGAGAAGGCCTCCAACCCCAACTACCTT  
GCACTGCTAGTCAAGTACGTCGCTGGTGATGGTGACGTCGTGGAGGTGGAAATCA  
AGGAGAAGGGCTCCGAGGAGTGGAAGGCGCTCAAGGAGTCATGGGGTGCCATCT  
GGAGGATAGACACCCCAAGCCGCTCAAGGGCCCCTTCTCCGTCCGCGTCACCAC  
CGAGGGTGGCGAGAAGATCATCGCCGAGGACGCCATCCCTGATGGCTGGAAGGC  
CGACAGCGTGTACAAGTCCAACGTCCAAGCCAAGTGA