

IDENTIFICATION

Species: *Oryza sativa*

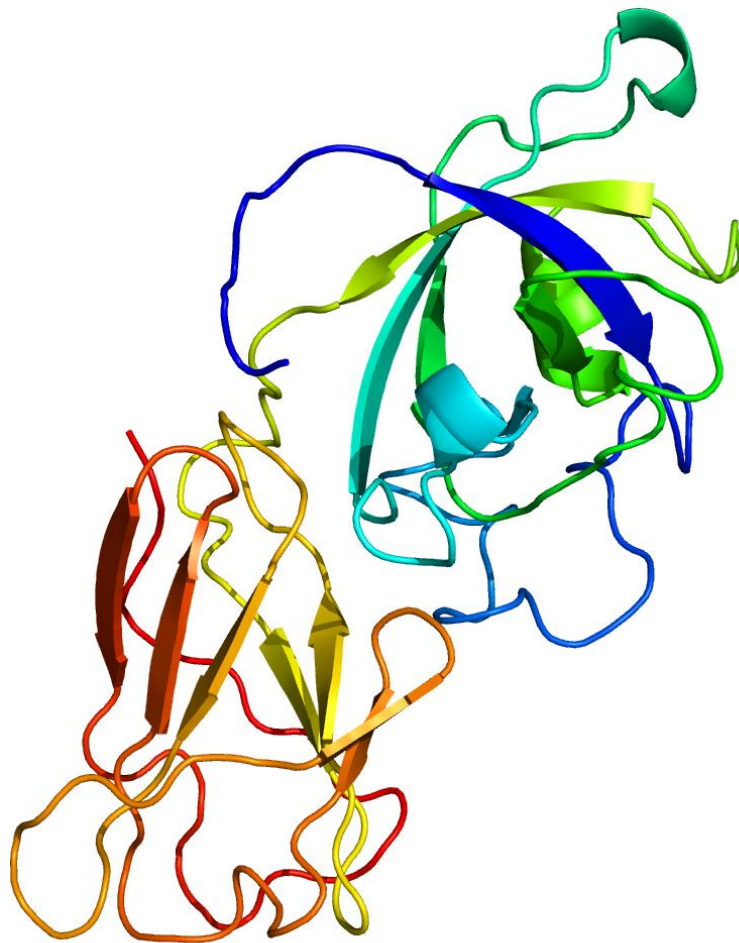
Locus: LOC_Os03g06060

Gene Model: LOC_Os03g06060.1

Description: OstEXPA-17

Family: Alpha Expansin

3D structure:



GENOME DATABASES

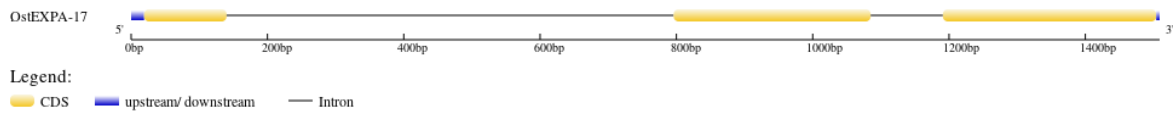
Phytozome: https://phytozome-next.jgi.doe.gov/info/Osativa_v7_0

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

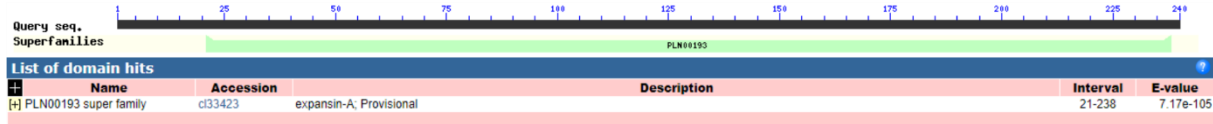
EXTERNAL RESOURCES

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

GENE STRUCTURE



DOMAIN ARCHITECTURE



SEQUENCES

Peptide

>OstEXPA-17

MGNILLQLLAVVALCIAPARSDWLPGTATFYGGADGSGTMGGACGYGNLYDQRYGI
NNAALSTPLFNDGASCGQCYLIICDYGKAPDWCKLGKAITVTGTNYGGWCNATRPY
FDMSQPAWENIGIYSAGIVPILYQQVKCWRYGGVRFIINGFNYPFELVLVTNMAGSGSI
VSMSVKGSGCTGWIQMTRNWGANWQCLAGLAGQALSFNVTSTGGQTIVFDDAVPAG
WSFGQTFSTYHQFDY*

CDS (coding sequence)

>OstEXPA-17

ATGGGGAACATTCTCCTGCAGCTGCTCGCCGTTGTTGCACTCTGCATTGCACCGGC
GAGGTCGGACTGGCTCCCGGGCACCGCCACGTTCTACGGCGGGCGCCGACGGCTCC
GGCACCATGGGTGGCGCGTGC GGGTACGGCAACCTGTACGACCAGCGCTACGGC
ATCAACAACGCAGCGCTGAGCACGCCGCTGTTCAACGACGGCGCGTCTGTCGGG
CAGTGCTACCTCATCATCTGCGACTACGGCAAGGCGCCGACTGGTGCAAGCTCG
GCAAGGCGATCACCGTGACGGGCACCAACTACGGCGGCTGGTGCAACGCGACCC
GCCCTTACTTCGACATGTCCCAGCCTGCCTGGGAGAACATTGGCATCTACAGCGC
TGGCATCGTCCCCATCCTTACCAACAGGTGAAGTGCTGGAGGTATGGGGGAGTG
AGGTTTCATCATCAACGGGTTCAACTACTTCGAGCTGGTGCTGGTGACCAACATGG
CCGGGAGCGGGTTCGATCGTGAGCATGTCGGTGAAGGGGTCATGCACGGGGTGA
TCCAGATGACGAGGAATTGGGGCGCCAATTGGCAGTGTCTCGCTGGACTGGCCGG
ACAGGCGCTCAGCTTCAATGTACCTCCACCGGCGGCCAGACCATCGTCTTCGAC
GACGCCGTGCCGGCGGGGTGGTTCGTCGGCCAAACCTTCAGCACCTACCACCAAT
TCGACTACTGA

Nucleotide

>OstEXPA-17

GTAGCAAACAGAGGAGATCATGGGGAACATTCTCCTGCAGCTGCTCGCCGTTGTT
GCACTCTGCATTGCACCGGCGAGGTTCGGACTGGCTCCCGGGCACCGCCACGTTCT
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CGACCAGCGCTACGGCATCAACAACGCAGCGCTGAGCACGCCGCTGTTCAACGA
CGGCGCGTTCGTGCGGGCAGTGCTACCTCATCATCTGCGACTACGGCAAGGCGCCC
GACTGGTGCAAGCTCGGCAAGGCGATCACCGTGACGGGCACCAACTACGGCGGC
TGGTGCAACGCGACCCGCCCTTACTTCGACATGTCCCAGCCTGCCTGGGAGAACAA
TTGGCATCTACAGCGCTGGCATCGTCCCCATCCTCTACCAACAGTAATAAGCATT
AACCAACCTGACATCTTCTCTGCATTTCTATATATATGTCTGAACTCTGAAACGAA
TCAAGTGTGTAGTGCTGTTTGTATTGAAAAATTTGCAGGGTGAAGTGCTGGAGGT
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GACCAACATGGCCGGGAGCGGGTCGATCGTGAGCATGTTCGGTGAAGGGGTCATG
CACGGGGTGGATCCAGATGACGAGGAATTGGGGCGCCAATTGGCAGTGTCTCGC
TGGACTGGCCGGACAGGCGCTCAGCTTCAATGTCACCTCCACCGGCGGCCAGACC
ATCGTCTTCGACGACCGCTGCCGGCGGGGTGGTTCGTTTCGGCCAAACCTTCAGCA
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