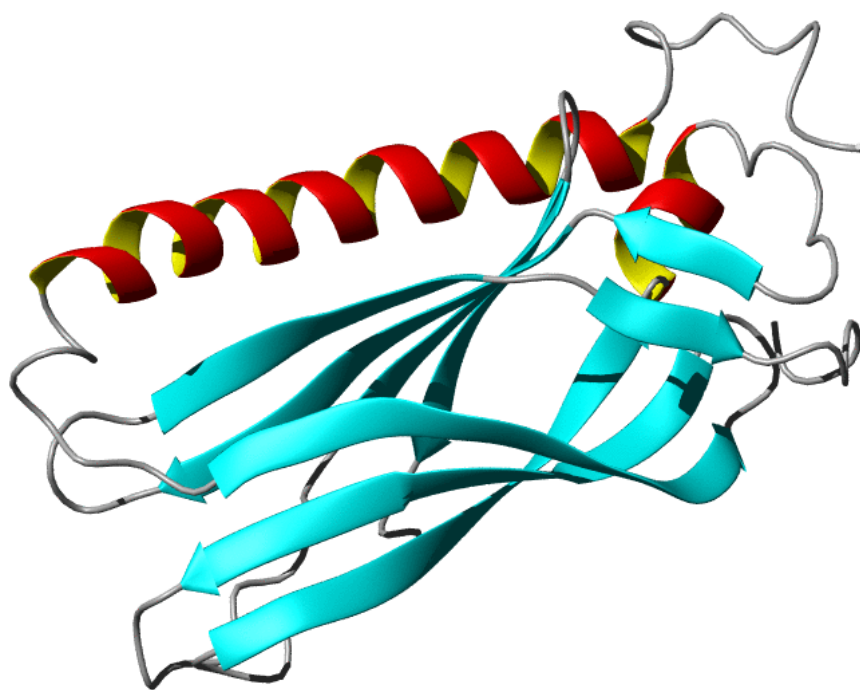




<b>Target ID</b>	GO.9943	
<b>Source Organism</b>	<i>Arabidopsis thaliana</i>	
<b>Target Name</b>	At2g46140.1	
<b>PDB Entry</b>	1YYC	Deposition: 24-Feb-2005
<b>BMRB Entry</b>	6515	Deposition: 05-Apr-2005
<b>Function</b>	putative late embryogenesis abundant (LEA) protein	
<b>Produced From</b>	Cell-free (wheat germ extract)	
<b>Structure by NMR</b>	Restraints/Residue: N/A	Subunits/Molecule: 1
	No. of Residues: 174	Molecular Weight: 19.0 kDa
	Backbone RMSD(12-167): 0.63 Å	All Heavy Atoms RMSD(12-167): 1.17 Å
<b>Data Collected At</b>	Nuclear Magnetic Resonance Facility at Madison (NMRFAM)	
<b>Authors</b>	Song, J., Tyler, R.C., Lee, M.S., Markley, J.L.	



### Structural Features

This is largely beta-sheet protein with long helix at the N-terminus and a small helix at the middle of the protein. The Helices are from residues 12-41 and 121-126. The Beta Sheets are from residues 46-54, 62-72, 80-88, 94-99, 109-119, 135-149, and 153-167.

<b>Percent Identity with Nearest PDB Structure at Time Solved</b>	59% coverage (1X08)
<b>Pfam Cluster</b>	N/A
<b>Protonet Cluster Size : Structures in PDB</b>	100

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