

# **Yeast ORFan Gene Project: Module 6 Worksheet**

## **Cellular Localization Data – Part II**

**Philius**

**Predicted Protein Type:**

**Type Confidence:**

**Topology Confidence:**

**Prediction Image Map:**

**Prediction Sequence Map:**

**Segment Types:**

**Type Confidence:**

**Residues:**

**Segment Types:**

**Type Confidence:**

**Residues:**

**Segment Types:**

**Type Confidence:**

**Residues:**

**Segment Types:**

**Type Confidence:**

**Residues:**

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**TargetP**

**mTP score:**

**SP score:**

**Do you believe your protein contains a mitochondrial targeting peptide or a secretory pathway signal peptide?**

**NucPred**

**Sequence with Probability Color:**

**Does your protein likely contain any Nuclear Localization Sequences? If so, what amino acids are involved in formation of this NLS?**

## **Yeast Protein Localization Database**

**Molecules/cell:**

**GFP-protein fusion image:**

**Cellular Localization based on GFP-protein fusion:**

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**SUMMARY OF DATA Summarize the positive data from the last two modules:**

### **HYPOTHESIS OF CELLULAR LOCALIZATION**

**Hypothesis:**