cDNA?
No problem. Proteome Analyst will pre-translate to protein.

Low Similarity Sequences!

What do we do?
Analysis techniques are being developed based on motifs.

cDNA?
No problem. Proteome Analyst will pre-translate to protein.

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Classifier Decisions Explained
The features (tokens) in the sequences that were similar to the unknown sequence, that were most important in making the classification decision

Classifier Decisions

Classifiers

Classifier Algorithms (Machine Learning)
• Naive Bayes
• Tree-Augmented Naive Bayes (TAN)
• Neural Networks
• Decision Trees
• Support Vector Machine (SVM)

Classifier Decisions

How do I make my own custom classifier?

Classifiers

Predicting other annotation information when similar sequences are found

SwissProt Database
Organism Database