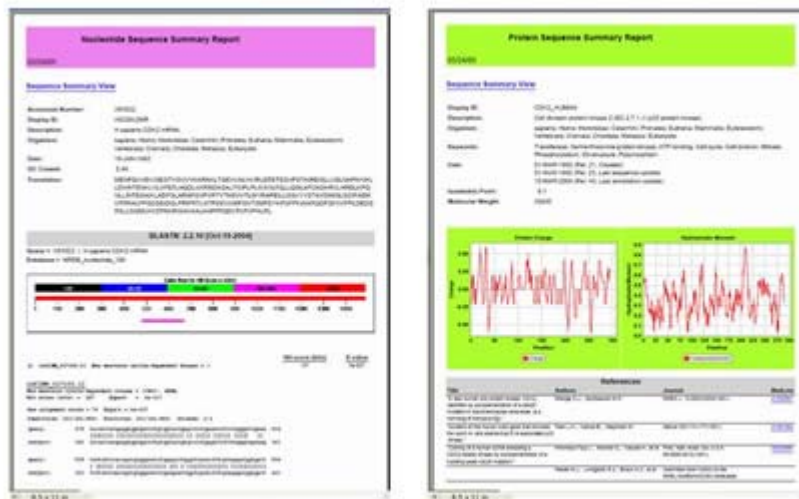




Creating Custom Bioinformatics Reports

Your informatics team may have a dual roll of not only developing innovative computational algorithms and software approaches, but they may also need to support your organization's internal laboratory research initiatives. Because these informatics groups can help the research effort directly by creating pre-built workflows or computational pipelines that require a collection of software programs from a variety of sources, the Sequence Analysis Collection (along with other Pipeline Pilot collections) is an invaluable tool for research informatics tasks.

The Reporting Collection with the Sequence Analysis Collection enables you to create unique and interactive reports in HTML and PDF format. This allows you to design dynamic and useful reports in Pipeline Pilot.



For example, you can create helpful nucleotide sequence summary reports like the one shown in the example below (on the left). It contains information generated by a protocol that includes items such as GC Content, BLAST results, protein translations, and related references. The report example on the right (Protein Sequence Summary Report) contains information generated by a custom protocol, and it includes items such as isoelectric point, molecular weight, a protein charge plot, a hydrophobic plot, and related references.

You can also link information in reports to other protocols; when you click a report link, Pipeline Pilot can launch hidden protocols that generate additional reports from other analyses or results.

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