

A woman with long blonde hair, wearing a white lab coat, is shown from the chest up. She is looking down and slightly to the right. The background is blurred, showing what appears to be a laboratory or office setting. The image is used as a background for a presentation slide.

Intro Benchling Software

image source
Benchling.com

Dr. Alexandra Bezler

image source
Benchling.com

Benchling: What? Why?

DNA sequence visualization + analysis

Professional tool (used in industry + EPFL)

Cloud based software

Basics quick to learn

'How to' tutorials



Molecular Biology

Annotate sequences, perform alignments, and design plasmids, primers, and CRISPR guides.

[Open a sequence](#)

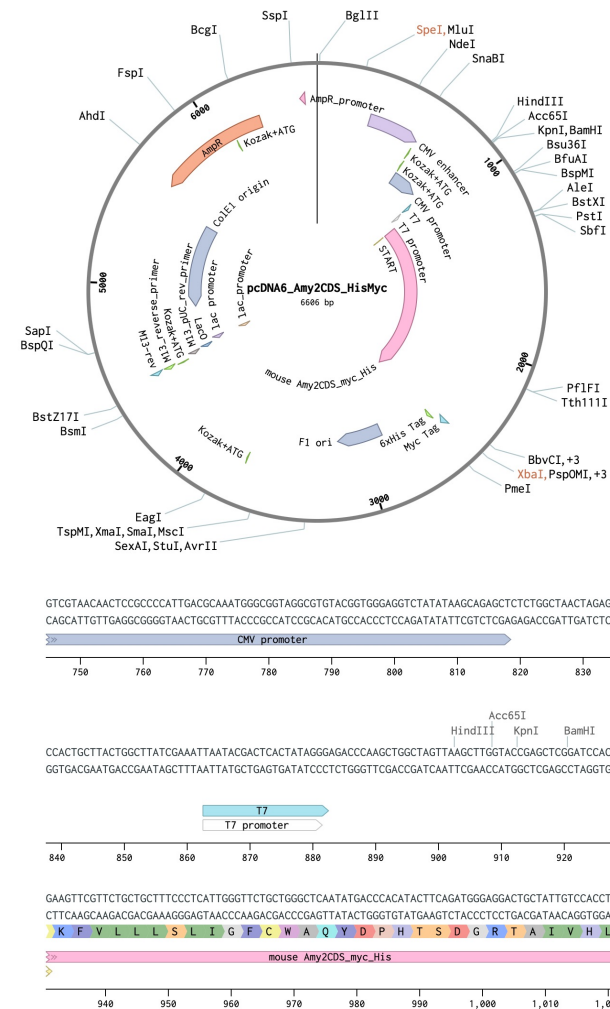


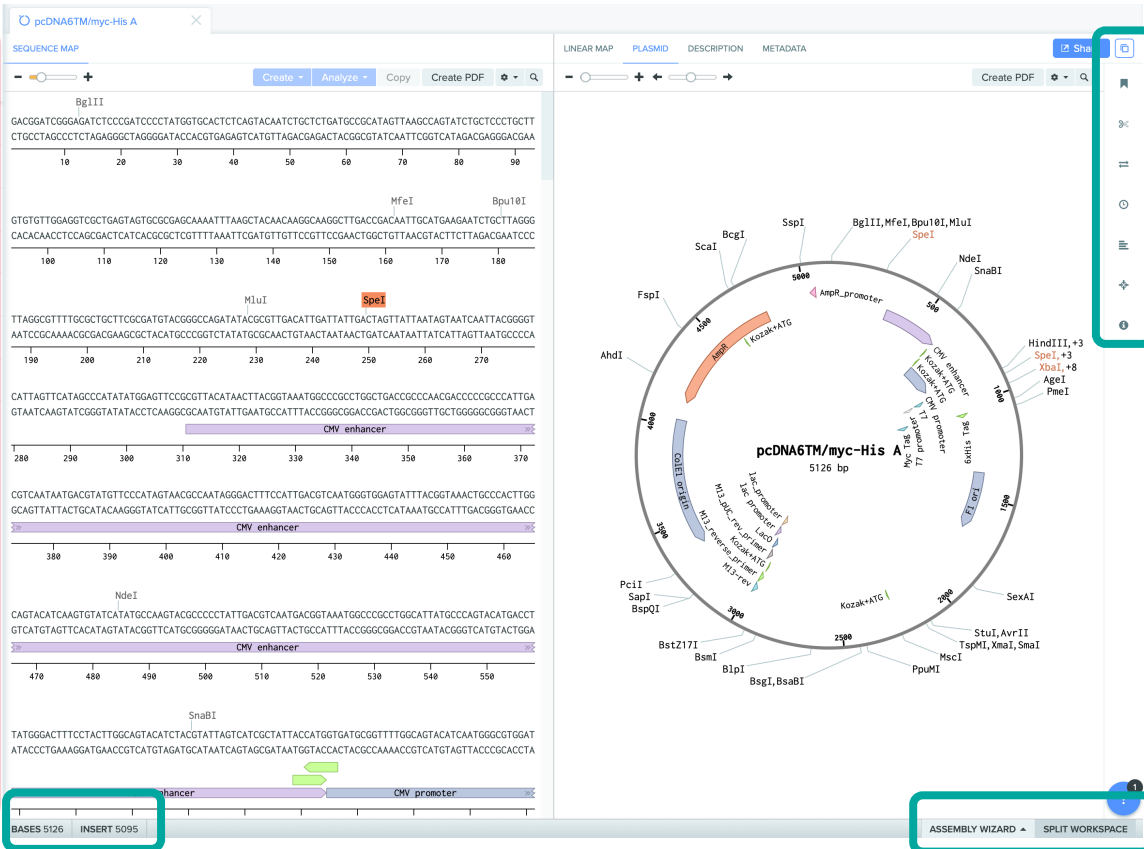
Notebook

Plan multi-day experiments, centralize data, and share experimental results.

[Show me an entry](#)

- annotate sequences
- restriction digest
- primer design
- translation
- sequence alignment
- virtual cloning

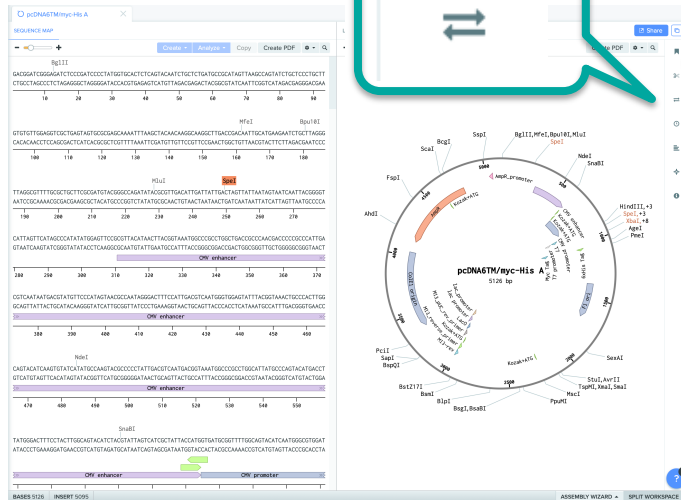




Your turn to play: See Moodle Benchling

Worked example 1

PCR and primer design



Worked Example 2

Sequence annotation

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