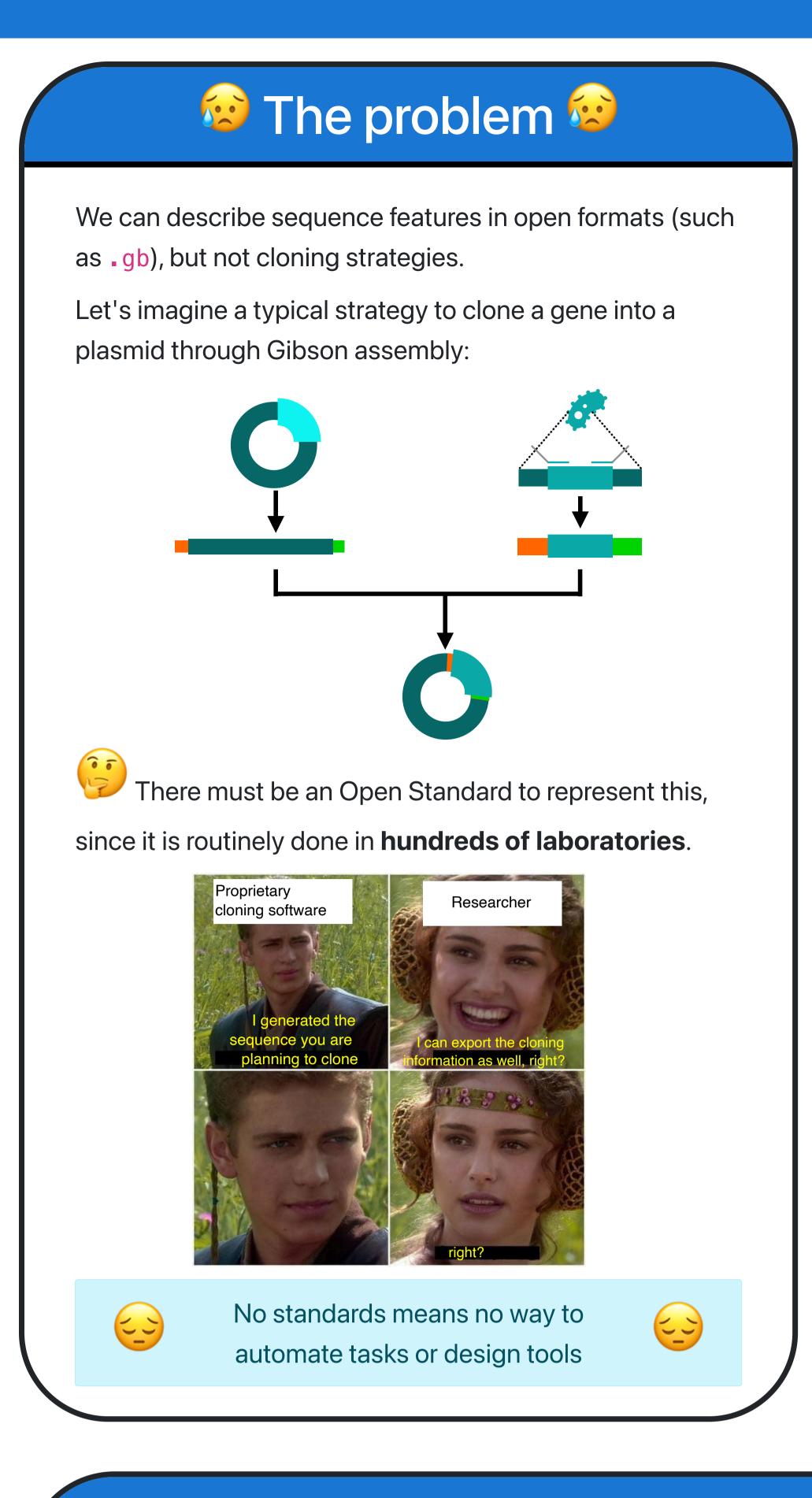
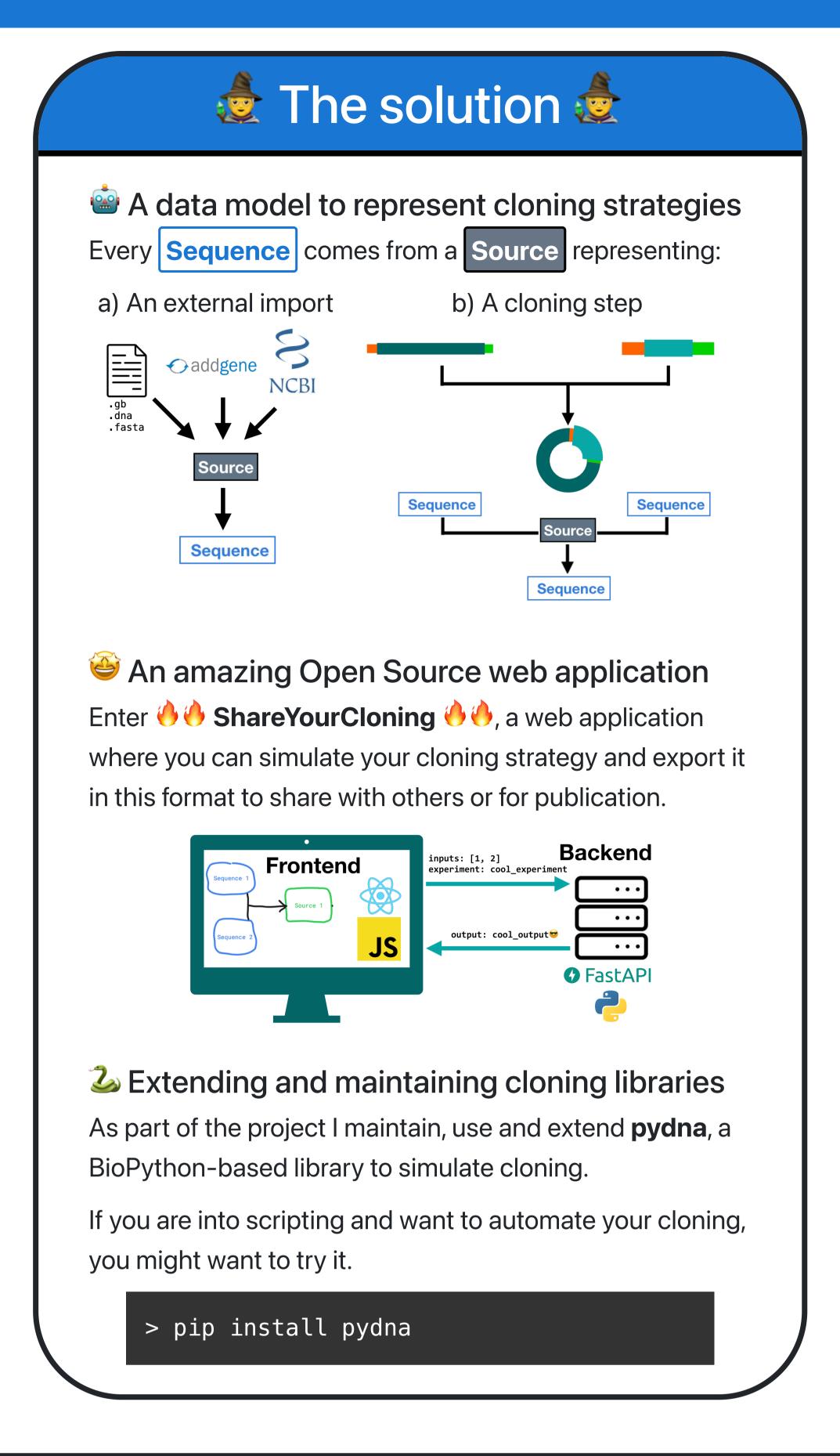
ShareYourCloning: an Open Source web application for cloning in the DBTL world

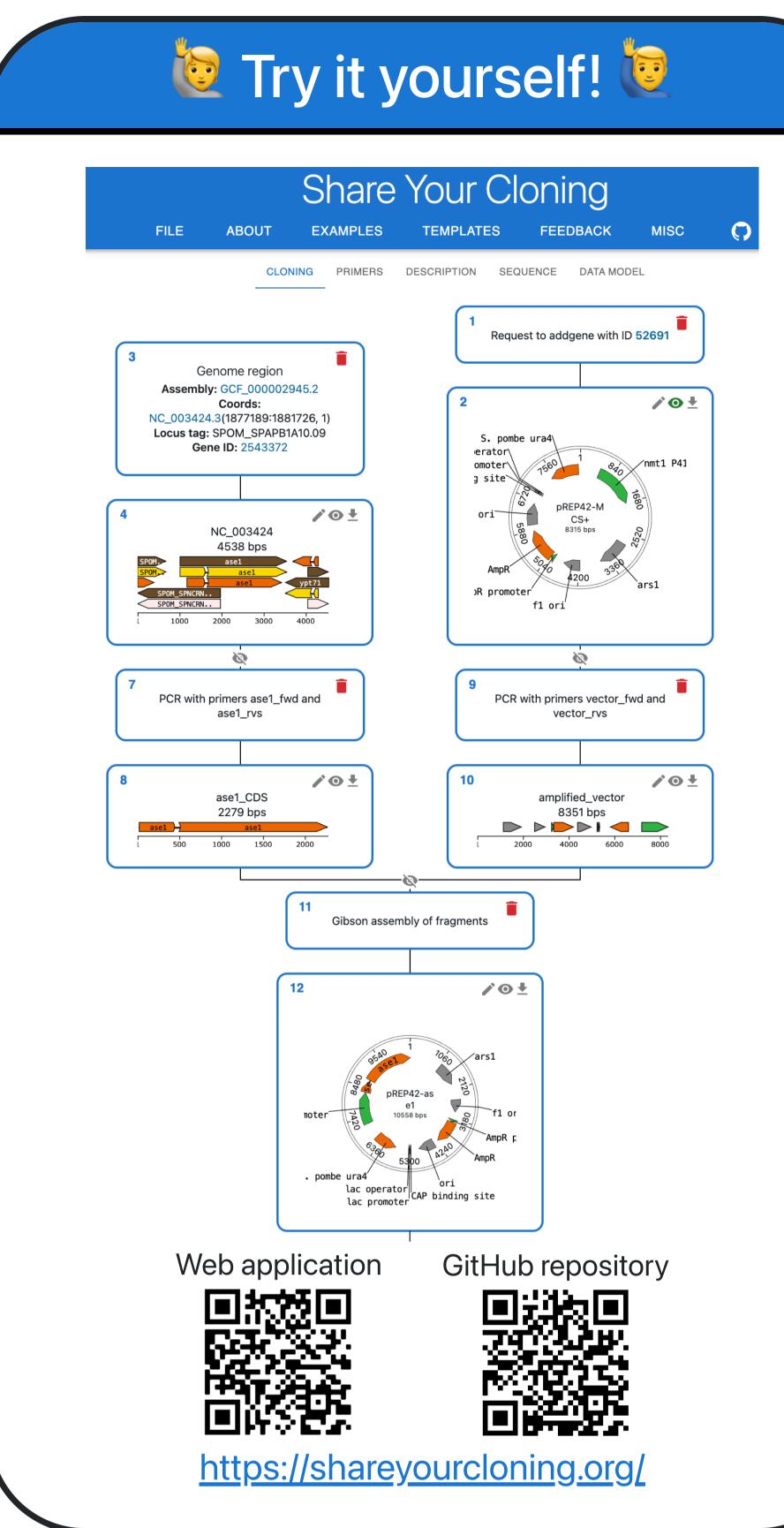
Manuel Lera-Ramirez¹, Jürg Bähler¹

1. University College London, Institute of Healthy Ageing and Department of Genetics, Evolution & Environment, London, U.K.

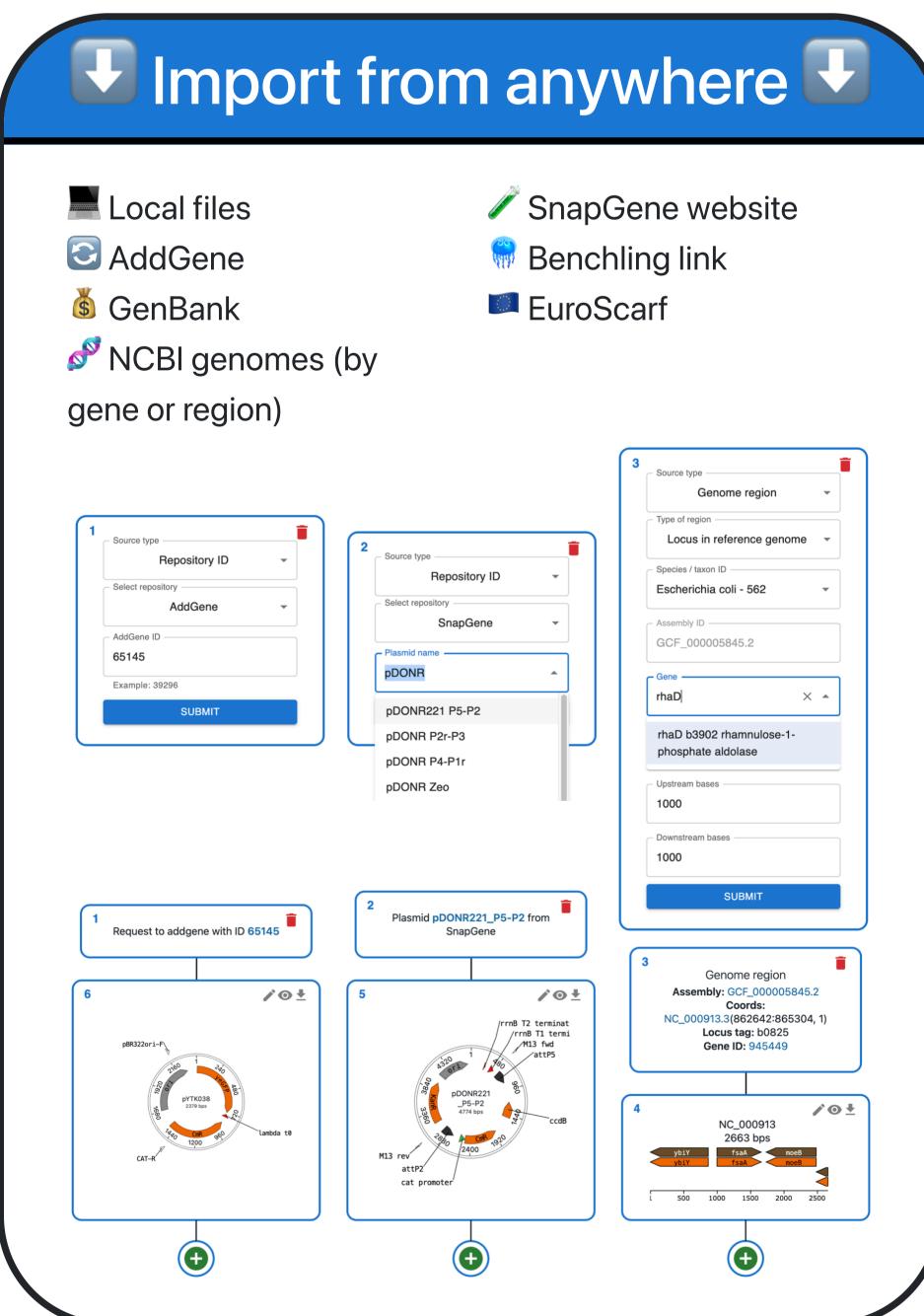




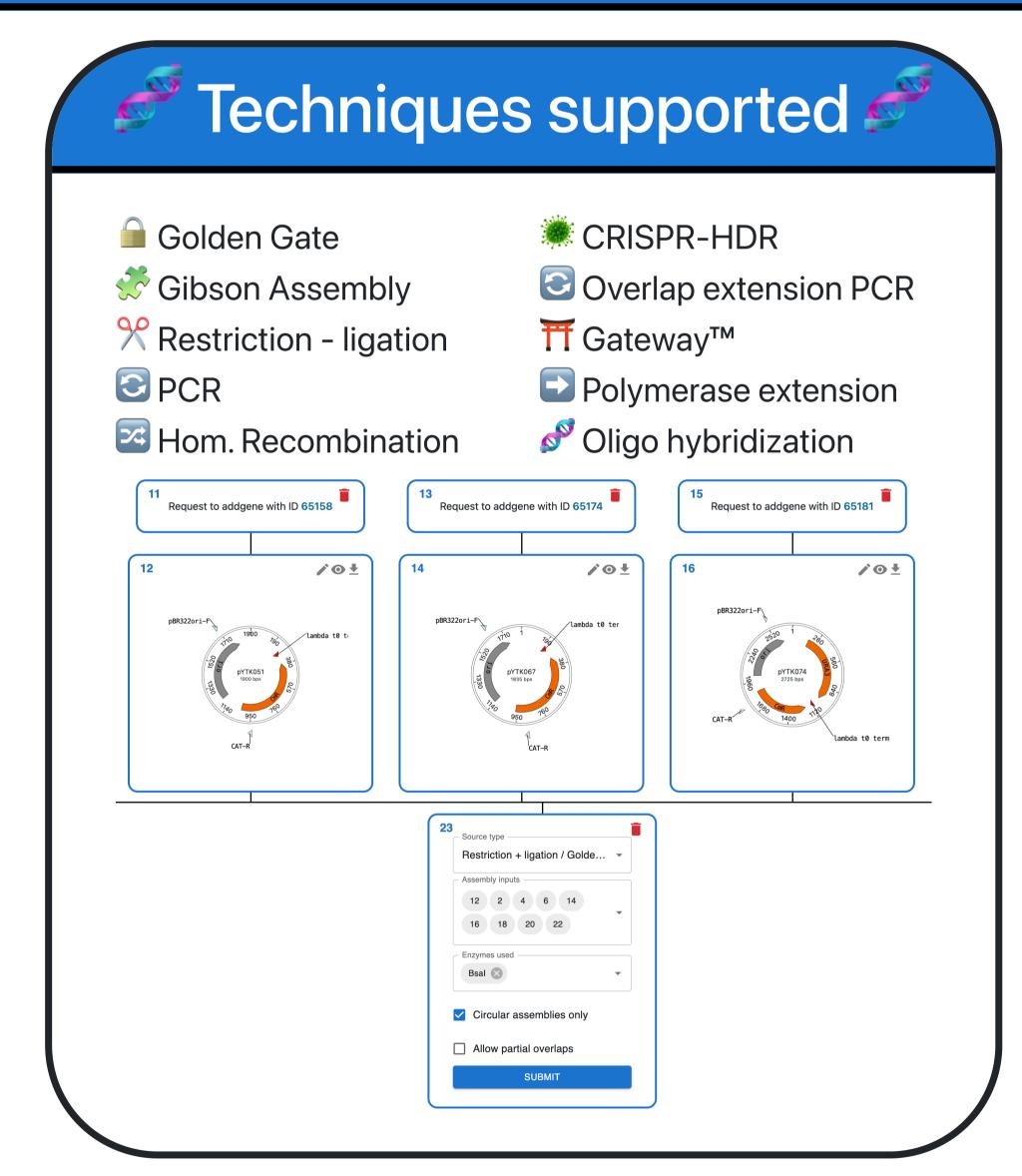


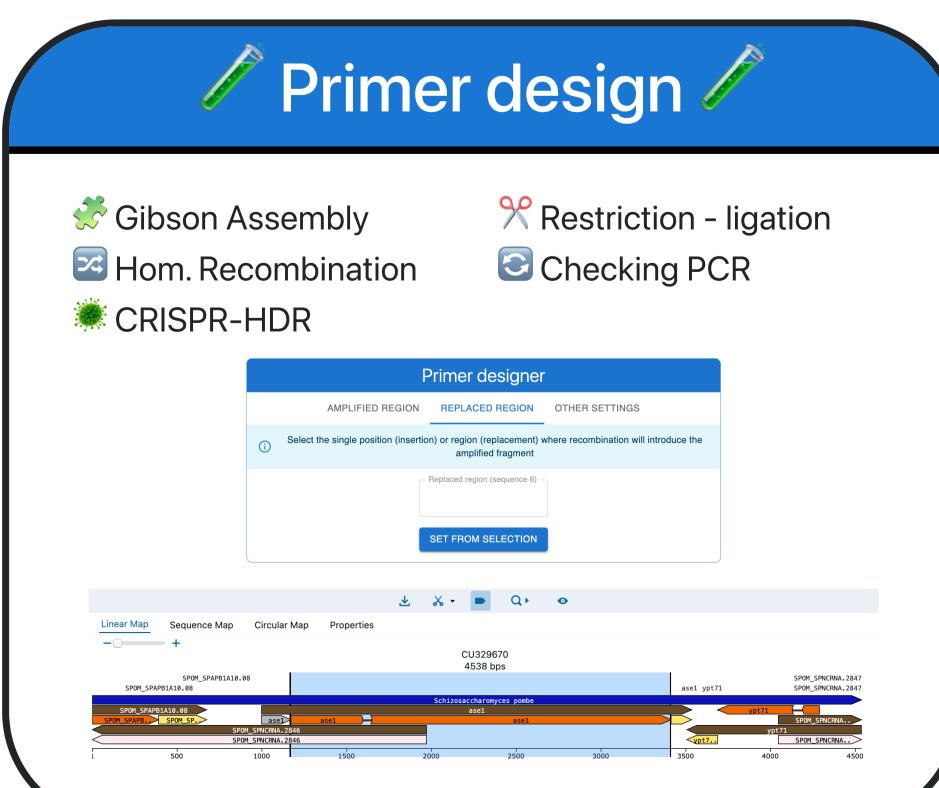


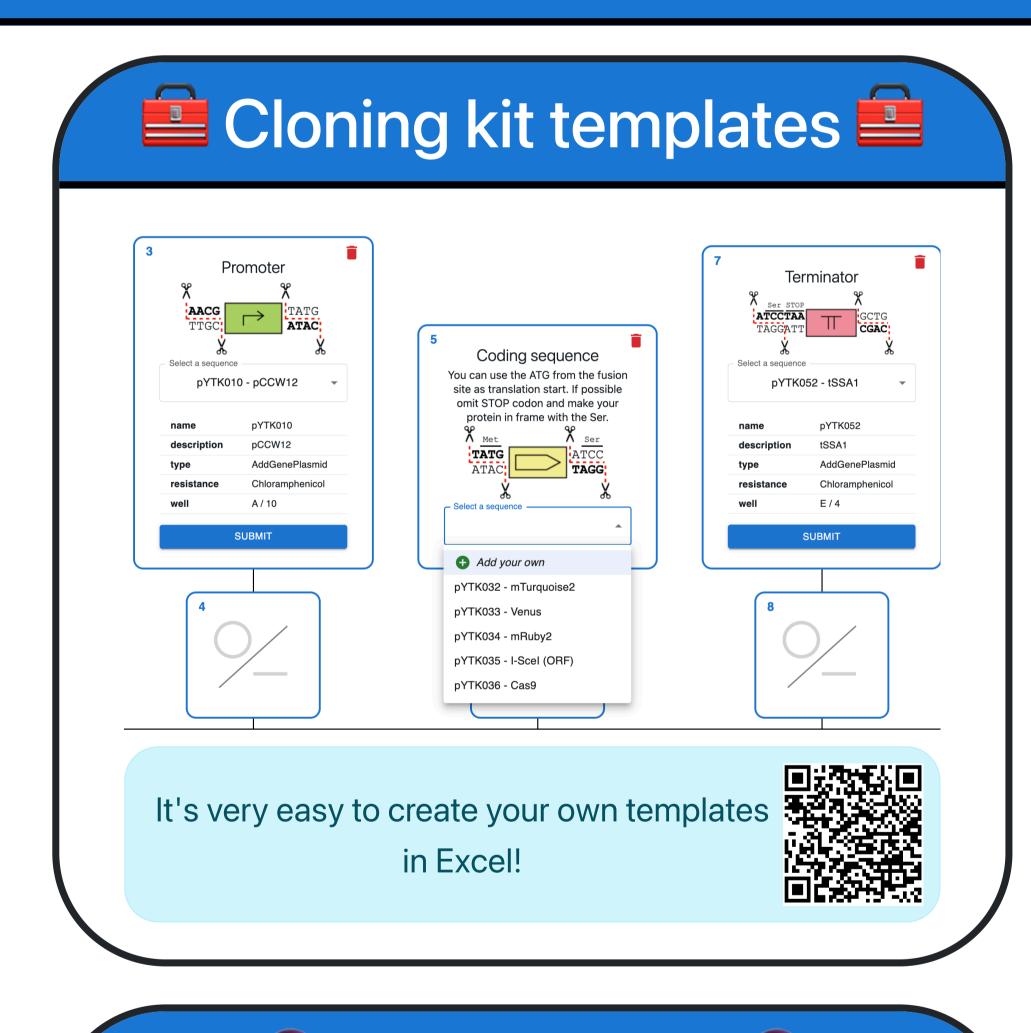
Features













- Ancestry and progeny of all resources.
- Rich queries (e.g., alleles of a certain gene, plasmids with a given marker)

Coming soon

- Strain and cell line support
- Genotypes as arrays of alleles.
- Alleles as cloning strategies starting from wt locus.
- Better automation support
- Generate the same output using a pydna script.
- Integration with e-lab notebooks
- eLabFTW and LabID (EMBL).
- Attach supporting evidence
- Gel images
- Sequencing data (auto-aligned).
- One Click Export/Report/Share/Publish
- Generate "Materials and Methods" text and files.
- Generate publisher-specific tables (e.g., STAR).
- Submit to repositories and generate unique IDs.