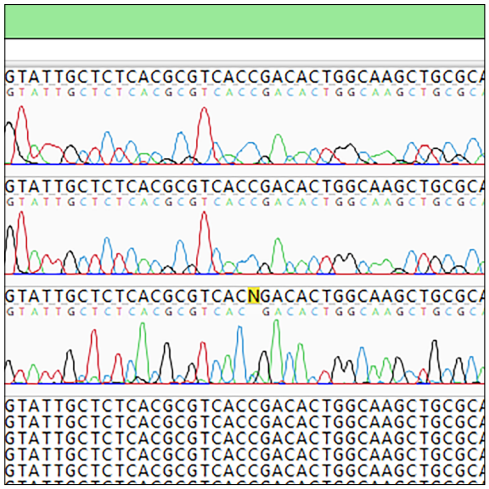
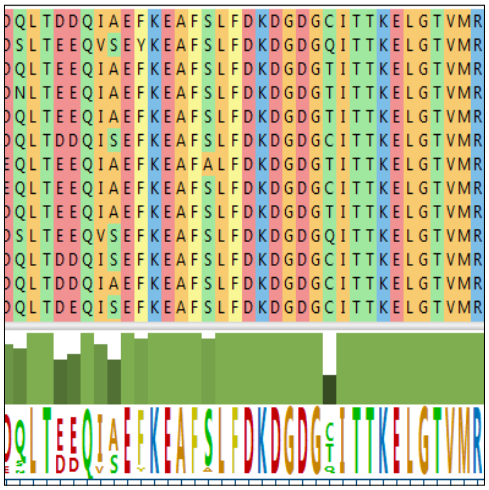
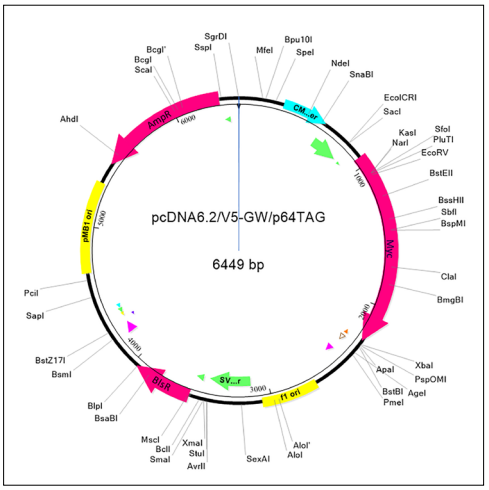
DNASTAR
SOFTWARE FOR LIFE SCIENTISTS

# LASERGENE MOLECULAR BIOLOGY

## Essential software for sequence analysis








### MULTIPLE SEQUENCE ALIGNMENT

- Align DNA, RNA, or protein using Clustal Omega, Clustal W, MAFFT, MUSCLE, or Mauve
- Evaluate variants across genomic strains
- Customize and compare phylogenetic trees
- Perform pairwise alignments

### SANGER SEQUENCE ASSEMBLY

- Assemble reads *de novo* or against one or more reference sequences
- Assess read alignment, coverage, and SNPs
- Design sequencing primers to improve coverage

### VIRTUAL CLONING AND PRIMER DESIGN

- Use any major cloning method, including Gibson Assembly, InFusion, Gateway, Multisite Pro Gateway, TOPO, TA Cloning, and restriction enzyme techniques
- Design and customize primers and probes
- Create and share primer catalogs

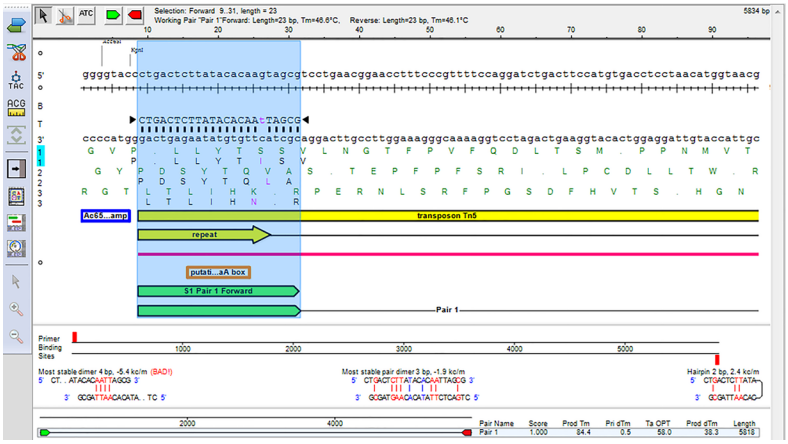
### COMPREHENSIVE SEQUENCE ANALYSIS

- Accurate and fast sequence auto-annotation
- Sequence editing
- Batch and single sequence translations
- Agarose gel simulations
- Gene discovery
- Flexible plasmid map creation

# Flexible licensing and pricing options for any lab

## SeqBuilder Pro

Just interested in the basics? Our flagship sequence editor lets you create sequence maps, perform virtual cloning, design primers, batch edit and annotate sequences, and much more!




**SeqBuilder Pro** is part of **Lasergene Molecular Biology** but can also be purchased separately, starting at **just $299** for academic and government researchers, making it accessible to labs at any budget level.

## Complete Your DNASTAR Lasergene Software Package with our Genomics and Protein Applications

**DNASTAR Lasergene** includes tools for genomics and protein analysis that integrate seamlessly with the editing, analysis and visualization tools in **Lasergene Molecular Biology**. If you are working with next-generation sequencing or protein data, our full **DNASTAR Lasergene** package provides powerful and accurate results for all your analysis needs.

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