DNASTAR®
Software for life scientists

Multiple sequence alignment

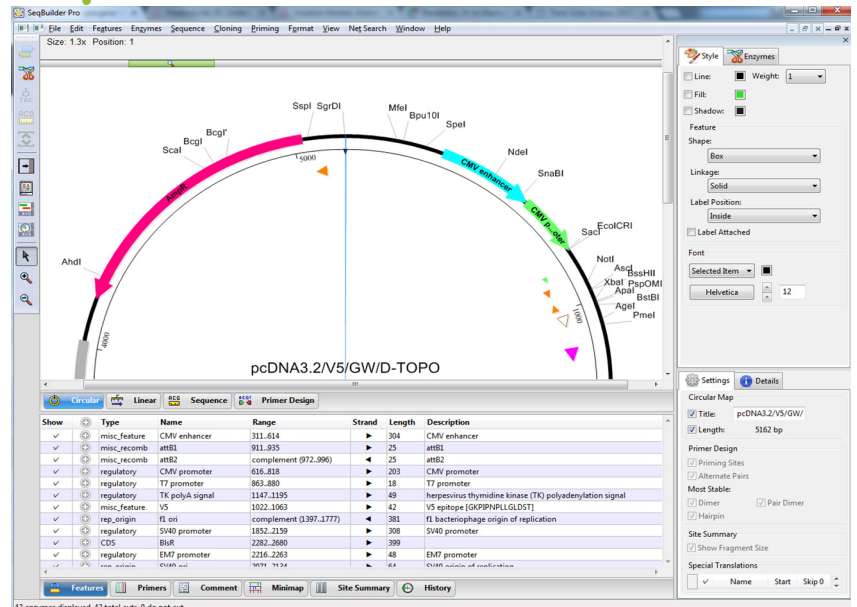*Sanger assembly with variant calls*

LASERGENE®
Molecular Biology Suite

Circular Map and Feature List views in SeqBuilder Pro

Essential software for all your sequence analysis needs

MULTIPLE SEQUENCE ALIGNMENT

- Several multiple and pairwise sequence alignment methods, including MUSCLE, MAFFT, Clustal Omega, Clustal W, and ParaSail
- Whole genome alignment using MAUVE
- Phylogenetic tree capabilities

VIRTUAL CLONING AND PRIMER DESIGN

- Support for all major cloning methods, including Gibson Assembly, InFusion, Gateway, Multisite Pro Gateway, TOPO, TA Cloning and restriction enzyme techniques
- Design and customize primers and probes
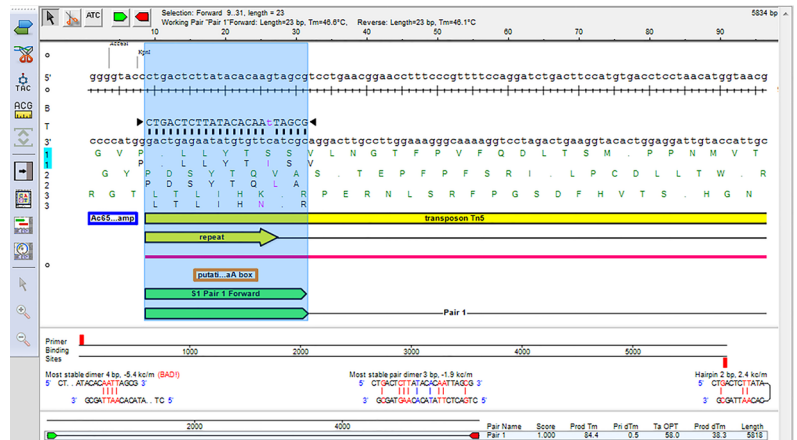- Create and share primer catalogs

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
- Validate NGS data with Sanger reads
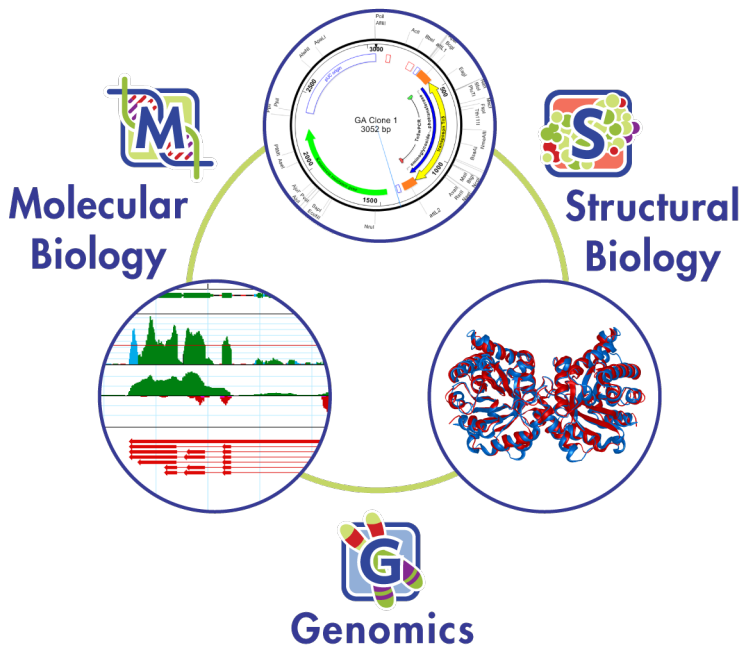
COMPREHENSIVE SEQUENCE ANALYSIS

- Accurate and fast plasmid auto-annotation
- Sequence editing, including automated and batch editing
- Gene discovery
- Integrated BLAST search
- Publication quality graphics

NEW SEQBUILDER PRO APPLICATION

In Lasergene 15 we've given SeqBuilder a major overhaul — major enough that we felt it needed a new name: **SeqBuilder Pro**. Enjoy all of the functionality you know and love, but with a more intuitive and streamlined design. Create sequence maps, perform virtual cloning, design primers, batch edit and annotate sequences, and more, in our flagship sequence editing application.

SeqBuilder Pro is part of the Molecular Biology Suite, but can also be purchased separately, *starting at just $345* for academic and government researchers, making it the perfect fit for your lab and budget.

DNASTAR Lasergene

Molecular Biology

Structural Biology

Genomics

Add Our Genomics & Structural Biology Applications to Complete Your Lasergene Software Package!

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

Operating Systems

Windows
Macintosh
DNASTAR Cloud