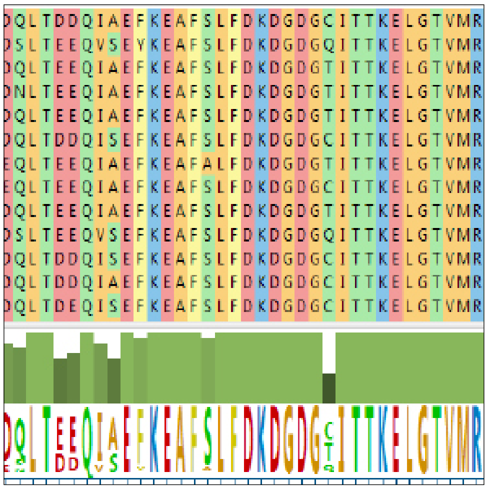
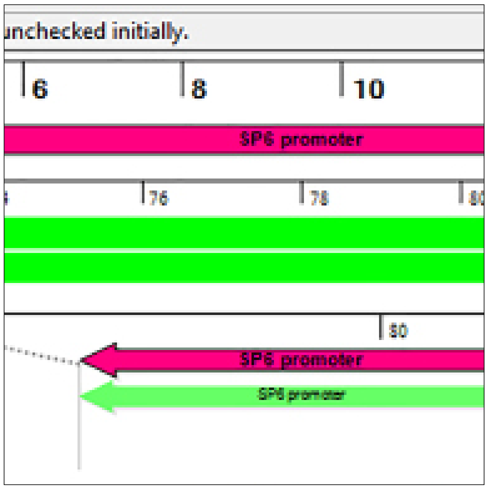
DNASTAR
SOFTWARE FOR LIFE SCIENTISTS

LASERGENE MOLECULAR BIOLOGY

Essential software for sequence analysis





MULTIPLE SEQUENCE ALIGNMENT

- Many popular multiple and pairwise sequence alignment methods, including MUSCLE, MAFFT, Clustal Omega, Clustal W, and ParaSail
- Whole genome alignment using MAUVE
- Customizable phylogenetic trees

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

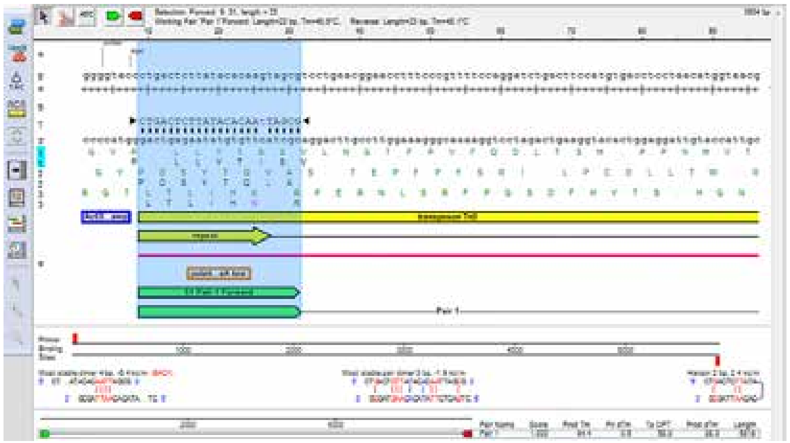
COMPREHENSIVE SEQUENCE ANALYSIS

- Accurate and fast sequence auto-annotation
- Sequence editing, including automated and batch editing
- Agarose gel simulations
- Gene discovery
- Integrated BLAST searching
- Publication quality graphics

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 $249** for academic and government researchers, making it the perfect fit for your lab and budget.

Complete Your DNASTAR Lasergene Software Package with our Genomics & 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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