

Gene Tool version 2.0

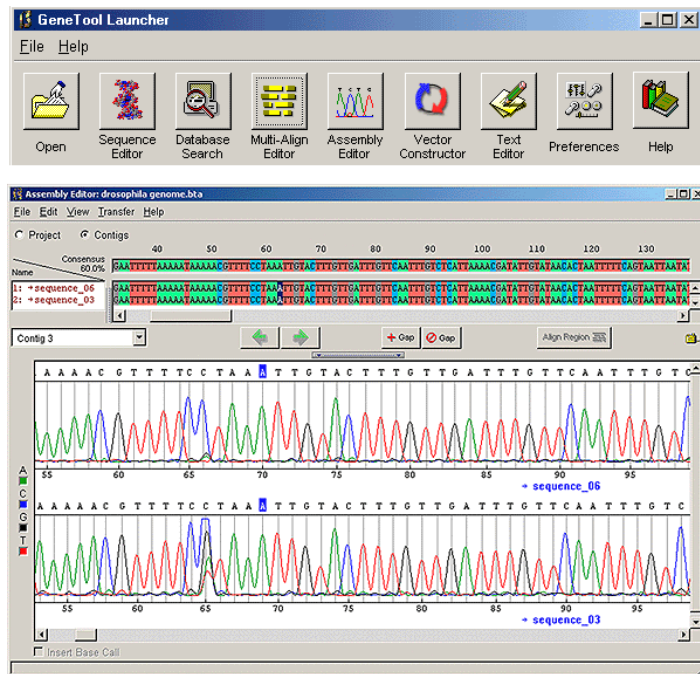
Introducing GeneTool 2.0. The latest BioTools offering for DNA sequence analysis includes innovative new tools and enhanced features. Learn more about GeneTool 2.0 below.

► Accelerate your research . . .

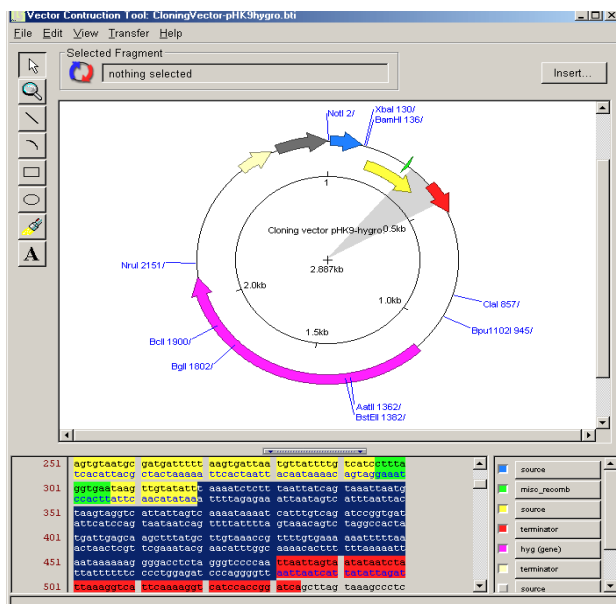
GeneTool version 2.0 is now available from BioTools, powering your genomics research by giving you more flexibility and capability than ever before.

Advanced assembly and chromatogram viewing capabilities are now in GeneTool 2.0, integrating technology from BioTools' ChromaTool package to form a powerful and comprehensive DNA analysis package

Graphics and text can be exported as HTML and image files, allowing you to produce quality publication material right from your desktop, including PNG, BMP, TIFF, PPM, and SVG formats.



Some of the exciting new tools in GeneTool 2.0 include:



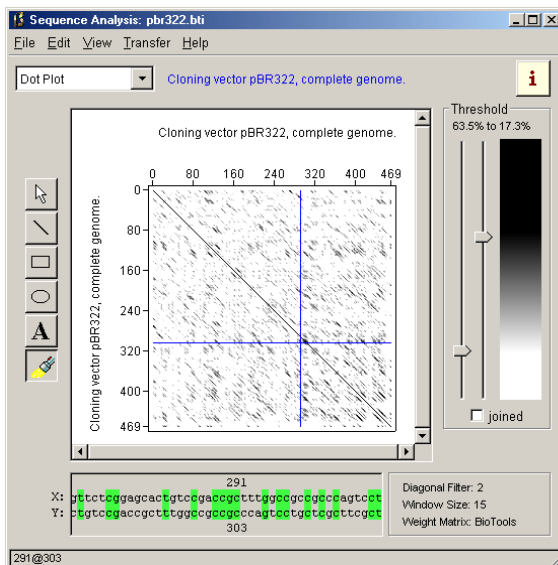
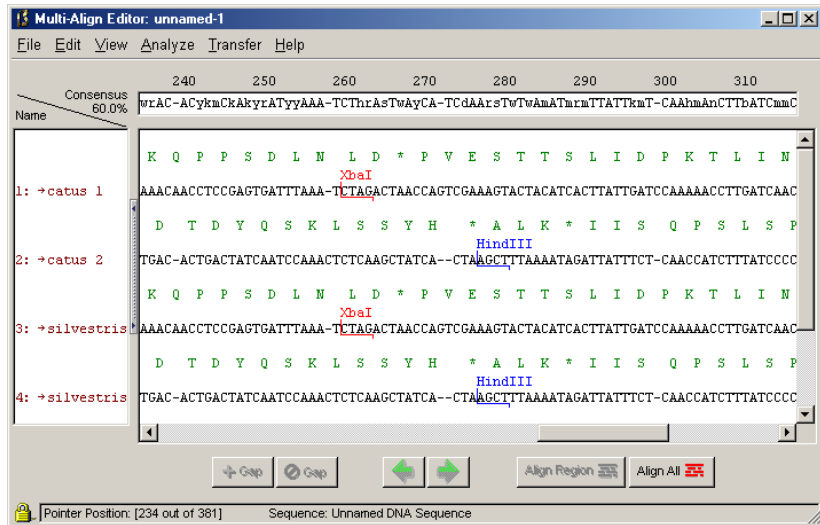
► Vector Construction Tool

The Vector Construction Tool allows the user to design and test cloning strategies, using an intuitive and comprehensive interface. You can select a vector, and then select a file containing your insert, or type in the sequence free hand. Restriction site analysis will then let you virtually place your insert into the vector after which you are free to annotate and label your construct for use in analysis or publication.

► Enhanced Multi-Alignment

GeneTools' Multi-alignment tool uses FastLSA linear space algorithm, allowing alignments of sequences well over 100KB.

Expanded view options add flexibility in being able to view sequence translation, and restriction sites on multiple sequences in the same window.



► Dot Plot

Allows you to quickly assess internal repeats and pairwise sequence similarity. Fast computation on large DNA sequence, and dynamic threshold adjustment without rerunning the entire computation.

► Enhanced Exon Prediction

Building on the Genetic Reference Point Logistics (GRPL) algorithm of GeneTool 1.0, version 2.0 adds new training data and predictive abilities. This expands the coverage of the algorithm to include plant and invertebrate DNA. Prediction accuracy remains amongst the best of known exon prediction algorithms.

Multi-platform capability enables GeneTool to run on Solaris, Irix, Windows, Macintosh, and now Linux—providing the same look and feel across a variety of platforms.

Visit www.biotoools.com and download a demo today, or contact Mike Fedeyko, at biotoools@biotoools.com, for purchasing information.



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