

Press Release

MWG Biotech / Eurofins Medigenomix develop new software to optimize sequences for gene synthesis

Munich, Germany, July 18, 2007. MWG Biotech / Eurofins Medigenomix develop GENEius software with unique features for gene synthesis.

MWG Biotech, through their alliance with Eurofins Medigenomix, has a long track record in synthetic gene production. Based on advanced techniques and optimized processes, the companies offer fast and reliable gene synthesis services, where all process steps including oligonucleotide production, design and processing of gene synthesis and final quality control of the genes are handled in-house.

Several years of experience in gene synthesis was used to develop new sequence optimization algorithms. The resulting software "GENEius" provides enhanced functions, such as the automatic adaptation of the codon usage, which can optimize DNA sequences for protein expression in a target organism. GENEius also prevents direct or indirect repeats and hairpin structures in the optimized sequence, in that way solving problems during transcription or translation. Unlike other codon adaptation programs, GENEius does not affect codon adaptation quality when optimising for other features.

Dr. Stefan Blickling, Head of Sales Europe, says: "The intelligent features of this sophisticated software help us to strengthen our position as the high quality provider of synthetic genes. It provides us with a tool to design products for our customers, so that they can achieve optimal results from their experiments."

About MWG Biotech

MWG Biotech AG, headquartered in Ebersberg, Germany, is an international provider of DNA sequencing services, DNA/siRNA synthesis products, Gene Synthesis and bioinformatic services for academic and industrial research. With production sites in Germany, the US and India, the company's strength is its strong customer orientation, fast service and high quality products including a series of advanced oligonucleotide and siRNA design tools. In August 2005, the company joined forces with Eurofins Medigenomix GmbH.

For further information, please visit the corporate website at: www.mwg-biotech.com.

About Eurofins Medigenomix

Eurofins Medigenomix GmbH, located in Martinsried, Germany is an innovative bioanalytical company, specialized in services for DNA analysis. The business unit for DNA sequencing and molecular biology applications is well known as outsourcing partner for the biopharmaceutical industry and academic institutions, the unit for Applied Genetics is a leading provider for DNA forensics, paternity testing in humans and animals and authenticity testing in food. A special strength of Medigenomix' team is the extensive experience in purifying and handling DNA samples from different origin for various applications in DNA analysis. For further information, please visit the corporate website at: www.medigenomix.com.

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