METHOD AND SYSTEM FOR UNBIASED GENOME AMPLIFICATION

ABSTRACT

The present invention provides systems and methods for determining optimal primers to be used for unbiased genome amplification. The methods for determining the optimal primers employ computer-based algorithms. In one embodiment, a genetic algorithms-based method for selecting primers for genomic DNA amplification is provided. In addition, the present invention provides a system for executing genetic algorithms-based methods for selecting primers for genomic DNA amplification. Furthermore, the present invention provides a number of hexamers that can be used for unbiased amplification of human genomic DNA.

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