

GENOME SEQUENCING MAKES A SIGNIFICANT PROGRESS IN PLANT BREEDNIG

Summary

Genome sequencing is the reading of the genetic record of a given organism, expressed in the correct sequence of nucleotides. In effect, information about the real structure, location of genes and other elements of a genome is obtained. It gives a solid base for detailed prediction of the organism's traits and allows explain the mechanisms of many meta-

bolic reaction. This is why the sequencing has many implications, for example on agricultural science, especially in breeding programs. This article presents general sequencing strategies and gives a closer look at the meaning of experimental data obtained by cucumber.