

Wpływ metody izolacji DNA na wynik analizy podobieństwa genetycznego wykonanej techniką RAPD

Agnieszka Dobrzycka, Zbigniew Broda

Katedra Genetyki i Hodowli Roślin, Uniwersytet Przyrodniczy, Poznań

The influence of DNA isolation's method on result of genetic similarity analysis made by RAPD technique

Summary

The study purpose was to examine the influence of DNA isolation's method on result of genetic similarity analysis made by RAPD technique. Two methods of DNA isolation were used – the Tomson-Henry method, which provides low purified DNA, and the column method, which provides high purified DNA. By using DNA isolated with these two methods the RAPD analysis of genetic distance was made. It was noticed, that using high purified DNA resulted in higher number of amplification's products, and consequently in larger accuracy of analysis.

Key words:

DNA purity, DNA isolation, alfalfa, RAPD markers.

Adres do korespondencji:

Zbigniew Broda, Katedra Genetyki i Hodowli Roślin, Uniwersytet Przyrodniczy, ul. Wojska Polskiego 71C, 60-625 Poznań.