

Investigation of Genetic Diversity in Bread Wheat by RAPD and SSR Markers

Authors : Mohammad Sadegh Khavarinejad

Abstract : In this study, genetic diversity of 10 bread wheat genotypes by SSR and RAPD markers was evaluated. 11 primers were used included 6 RAPD primers and 5 SSR primers. RAPDs and SSRs could find 33 and 17 polymorphism respectively. In RAPDs, primers UBC 350 and UBC 109 and in SSRs, Primers Xgwm 469-6D and Xgwm120-2B showed genetic diversity among genotypes more than others.

Keywords : wheat, molecular markers, SSR, RAPD

Conference Title : ICABB 2014 : International Conference on Agricultural Biotechnology and Bioengineering

Conference Location : Sydney, Australia

Conference Dates : December 15-16, 2014