



## Identification of chilli genotypes through simple sequence repeats (SSR) makers

J. PADMA\* AND K. SIVASUBRAMANIAM

Department of Seed Science and Technology, Agricultural College and Research Institute, MADURAI (T.N.) INDIA  
(Email : [jpadmajayabalan@gmail.com](mailto:jpadmajayabalan@gmail.com))

**Abstract :** Investigations was carried out to study the varietal characterization of chilli genotypes through SSR markers. Twelve SSR primer pairs (CM0002, CM0004, CM0005, CM0008, CM0009, CM00010, CM00011, CM00012, HpmsE015, HpmsE016, HpmsE035 and Tom 196) were used in the study. Among them, Tom 196 and HpmsE016 reported highly polymorphic primer. TOM 196 primer was useful for the identification of chilli genotype PLR1 from rest of the genotypes. HpmsE016 was used for identification of chilli genotypes viz., CO1, K2, PKM1, KKM1, CA97, Sln1 and CCH1.

**Key Words :** Simple sequence repeats, Chilli genotypes, Varietal identification polymorphic, Monomorphic

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