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Horticultural Research (Japan)

Vol. 9 (2010) , No. 4 415-420

DNA Polymorphism of Chloroplast SSR Regions in Vegetables and its Application to Analyses of Interspecific Polymorphisms in *Allium* species

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(Received January 7, 2010)

(Accepted March 24, 2010)

Polymorphic analyses of simple sequence repeat regions on chloroplast DNA of vegetables were conducted using a set of consensus SSR primer pairs. A large number of DNA markers were obtained in this study and could be available for analyses at the species level. The most successful result was obtained from the analyses of cultivated and wild species in *Allium*. The DNA fingerprinting

the identification of each species except in one difficult case. The fine hybrid, *A. × wakegi*, could not be distinguished from that of its estri *fistulosum*. The DNA markers obtained from this study seem to have breeding purposes but also for cultivar identification in various species.

Key Words: [Allium species](#), [chloroplast DNA](#), [interspecific polymorphisms](#), [sequence repeat \(SSR\)](#)

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To cite this article:

Naoyuki Araki, Naoki Yamauchi and Masayoshi Shigyo. 2010. Distinct Chloroplast SSR Regions in Various Vegetables and its Application: Interspecific Polymorphisms in *Allium* species . Hort. Res. (Japan)

doi:10.2503/hrj.9.415