



# Rapid microsatellite development in *Gekko japonicus* using sequenced restriction-site associated DNA markers

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**ABSTRACT.** Twelve polymorphic microsatellite loci were isolated in the Japanese gecko, *Gekko japonicus*. We genotyped one population from Wenzhou, Zhejiang Province, China (N = 36). The mean number of observed alleles per locus was 7.3 (range 4 to 13). Observed and expected heterozygosity values ranged from 0.200 to 0.944 and from 0.395 to 0.797, respectively. One locus (GJ20) showed significant departure from Hardy-Weinberg equilibrium; no linkage disequilibrium was found between any two loci. These informative microsatellite markers will be useful for population genetic analyses of *G. japonicus* and other species in the genus *Gekko*.

**Key words:** Microsatellite; *Gekko japonicus*; Genetic diversity; Polymorphism