



Brief Note

Detection and sequence analysis of the DNA repair gene *RAD51* in the Korean spider *Callobius koreanus* (Amaurobiidae)

J.Y. Kim and Y.C. Park

Division of Forest Science, College of Forest & Environmental Sciences,
Kangwon National University, Chuncheon, Republic of Korea

Corresponding author: Y.C. Park
E-mail: parky@kangwon.ac.kr

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ABSTRACT. We identified a partial sequence (483 bp) of the *RAD51* gene from the Korean spider *Callobius koreanus*. Sequence variation was found at one position during alignment with the human *RAD51* gene sequence. This partial sequence included the region corresponding to exon 4 in the human *RAD51* gene, which encodes 39 amino acids. These results show that the *RAD51* gene is highly conserved between human and spiders.

Key words: *Callobius koreanus*; *RAD51*; Exon, DNA repair gene; Amaurobiidae