

**Scrapie susceptibility-associated indel polymorphism of shadow of prion protein gene
(SPRN) in Korean native black goats**

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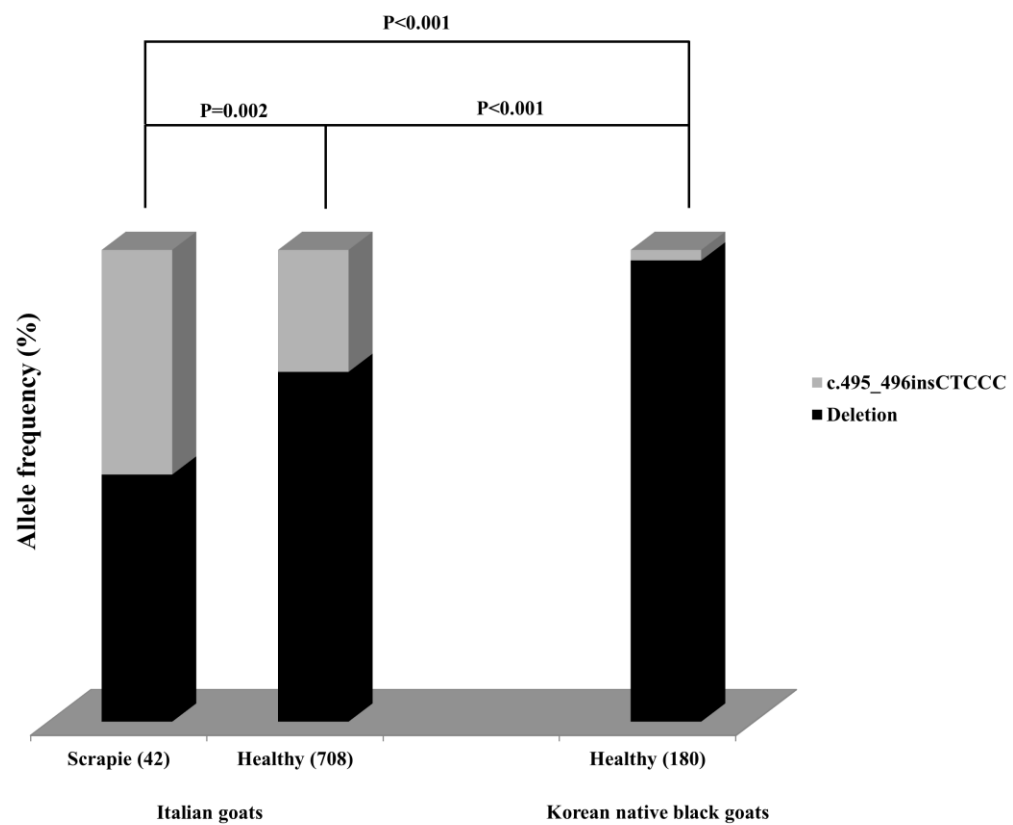
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Supplementary Figure 1 Comparison of the allele distribution of the *SPRN* c.495_496insCTCCC indel polymorphism between scrapie-affected Italian goats and Korean native black goats normalized based on polymorphisms of the prion protein gene (*PRNP*). Korean native black goats with 146S, 146D, 154H, 211Q and 222K were excluded for normalizing analysis. The information regarding Italian goats was taken from a previous study²⁰. The Italian goats were Maltese, Red Mediterranean, Capra dei Nebrodi and crossed breeds. Differences in allele distribution were calculated by the Chi-square (χ^2) test using SAS 9.4 software.