DNA from the individual shell casings were transferred using a modified double swabbing technique that used a 50% ethanol solution as a surfactant. The swabbing tops were cut and placed in a 1X PBS solution. DNA was extracted using a modified buccal swab protocol from the commercially available Qiagen QIAamp DNA Blood Mini Kit. Samples were quantified via real-time PCR. Multiplex PCR was performed on the samples and utilized approximately 100ng of DNA. Genotyping was performed on an ABI 3100-Avant Genetic Analyzer. Preliminary results support all three aims identified in this study.

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