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Whole genome amplification effect for low template DNA in hybrid capture-based next generation sequencing of identity SNPs

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**Materials and Methods Target SNPs** Samples • 136 Identity SNPs 5 male samples from 4 populations Input DNA 102 autosomal SNPs Genomic DNA WGA DNA Ref. 10ng Pakstis et al. inchez et al (45) (52) (92) 1ng ..... 1ng 500pg ..... 500pg (5) 200pg ..... 200pg 34 Y-SNPs 100pg ..... 100pg 50pg ..... 50pg from Precision ID Identity panel 25pg ..... 25pg Hybrid capture 12.5pg 6.25pg KAPA HyperChoice custom probe (Roche) 120bp (including target SNPs)

























