



Fig. 2. Increased specificity of HotStart-IT™ Taq DNA

Polymerase. The single-copy numb gene was amplified from the indicated amounts of human genomic DNA with standard Taq DNA Polymerase (-) or with HotStart-IT™ Taq DNA Polymerase (+). Primers were designed with a 3 bp overlap at their 3'-ends to favor primer-dimer formation during reaction set-up at room temperature. Results demonstrate a shift from mainly primer-dimers to the desired product when HotStart-IT Taq DNA Polymerase is used.