



Fig. 3. Freeze-thaw stability of Fidelity™ PCR Master Mix. The master mix was subjected to 15 freeze-thaw cycles alternating between dry ice and room temperature. Following freeze-thaw cycles (F/T), the mix was compared to control mix (C) before treatment. Both short and long targets are shown to demonstrate the robust nature of the mix. Single-copy Numb, 455 bp (Lane 1) was amplified from 30 pg human genomic DNA. β -globin 23 kb target (Lane 2) was amplified from 100 ng human genomic DNA. Lambda 35 kb target (Lane 3) was amplified from 1 ng lambda DNA.