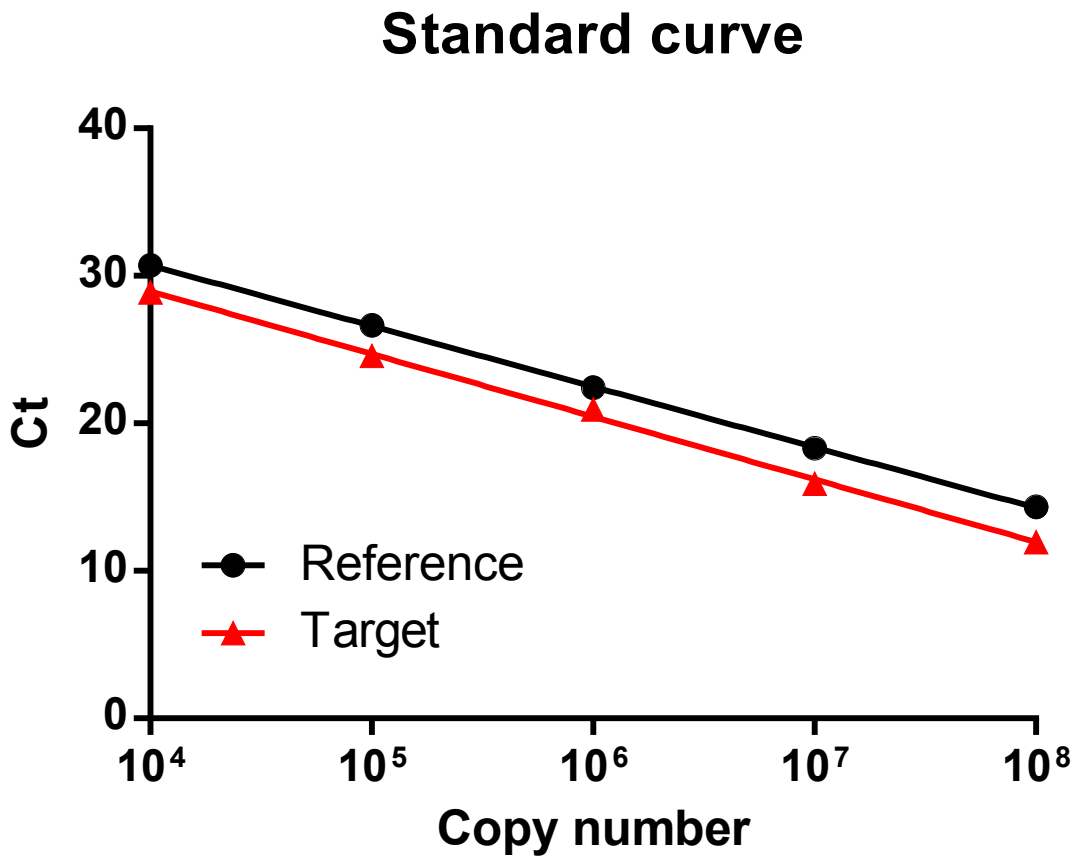
Figure S1


Standard curve
40
30
20
10
0
Ct
Reference
Target
10⁴
10⁵
10⁶
10⁷
10⁸
Copy number

Supplemental Figure Legends

Figure S1. Comparable amplification of target and reference regions in the *IRF-1* locus.

For comparison of the amplification efficiencies of target and reference templates, real-time PCRs were performed with mixtures containing various concentrations of PCR products (from Figure 1B) as templates, 0.2 M of each primer, 1× ROX reference dye, and 5 μL of KOD SYBR qPCR Mix (Toyobo) in a 10 μL volume. The reactions were carried out with an initial denaturation at 98°C for 2 min, followed by 40 cycles of denaturation at 98°C for 10 sec, primer annealing at 60°C for 10 sec, and extension at 68°C for 1 min. PCR amplification was quantitated on a 7900HT Fast Real-Time PCR System (Applied Biosystems). All samples were amplified in duplicate, and mean values were used to draw a standard curve. The efficiency of amplification was comparable between the reference and the target regions.