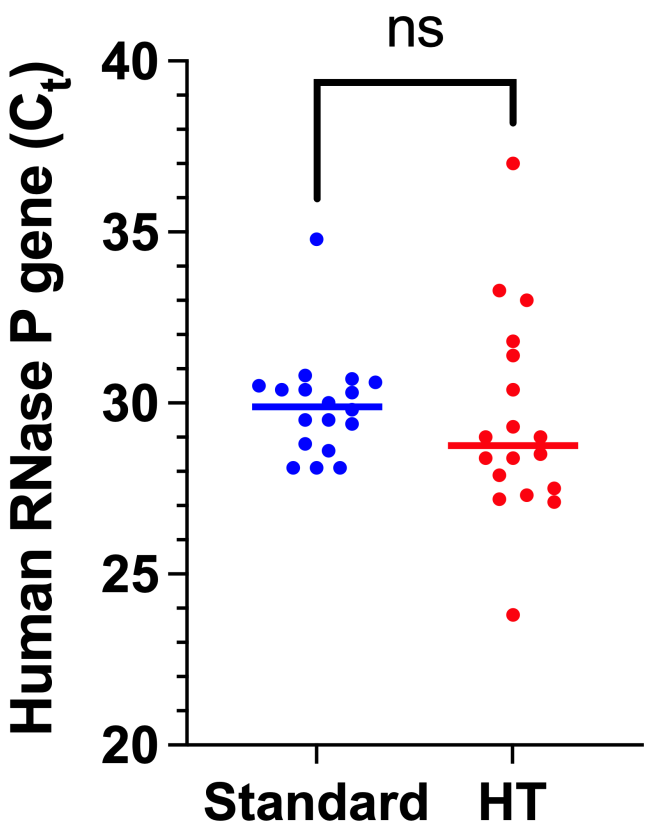
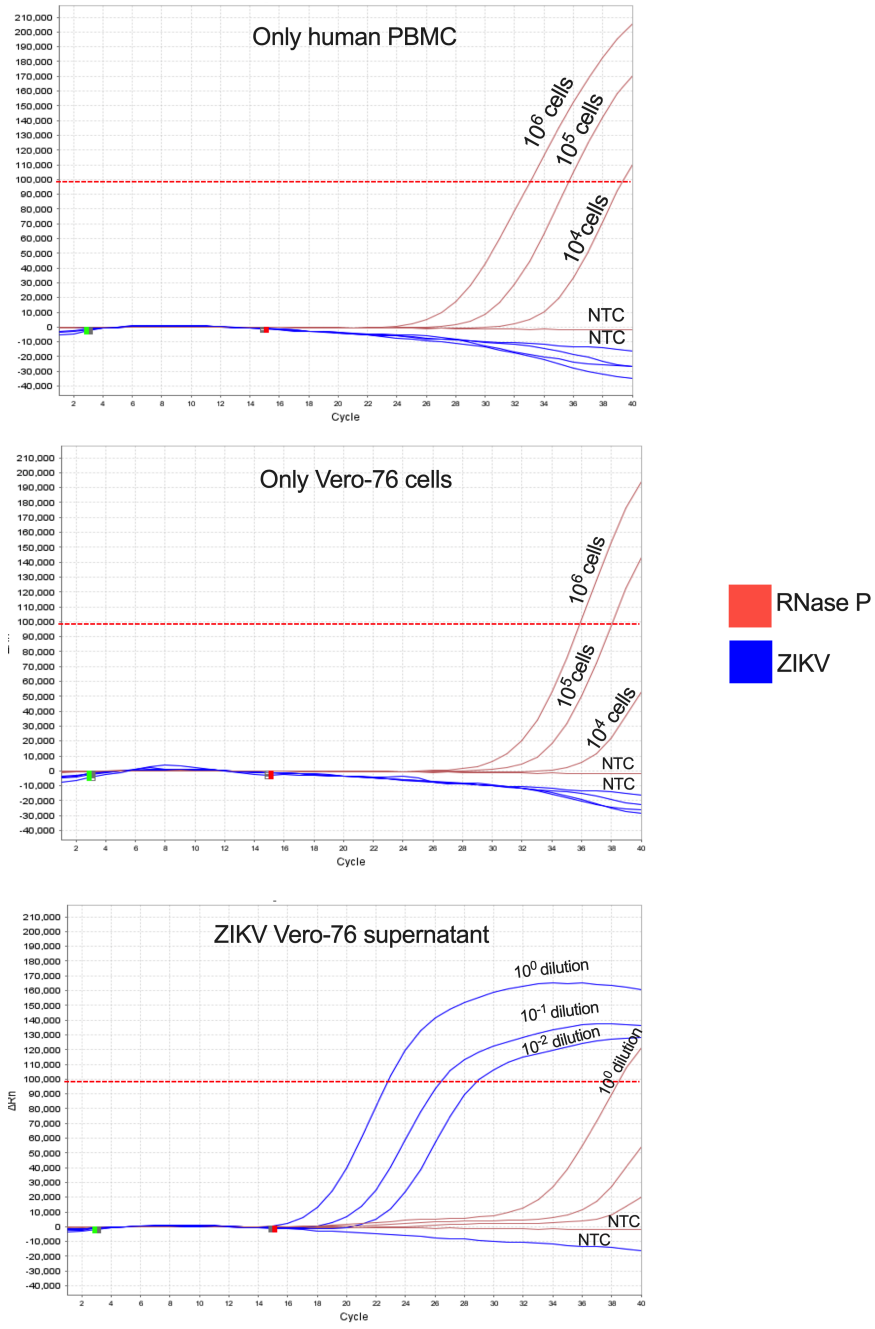
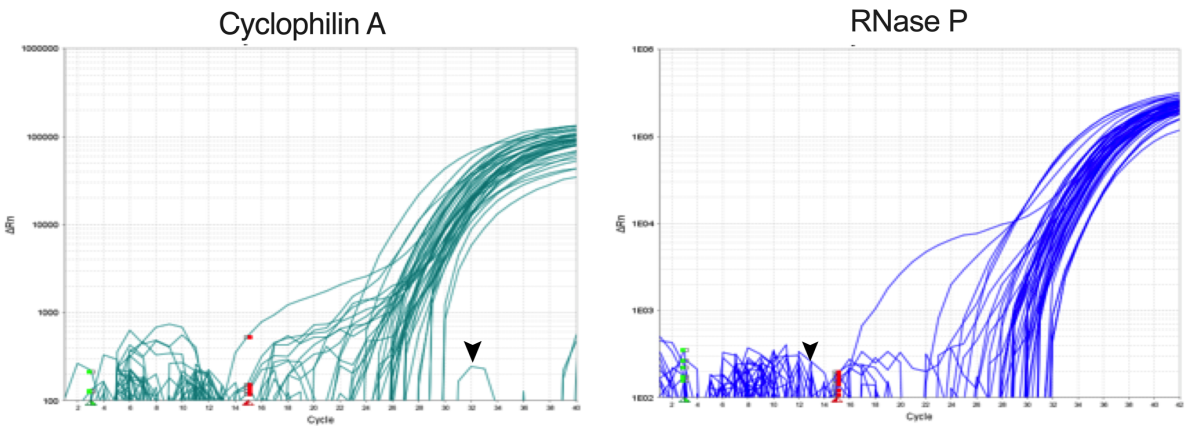
**Supplemental Information**




**Supplemental Figure 1.** RNase P amplification from RNA isolated automatedly. RNA was purified with two protocols with the KingFisher™ Flex instrument and the expression of the constitutive gene was evaluated by RT-qPCR. The median is shown. $C_t$: Cycle threshold. ns: non-significant. HT: high-throughput.




**Supplemental Figure 2.** RNA from 1x$10^6$ human peripheral blood mononuclear cells (PBMC) and Vero-76 cells infected or not with ZIKV were purified automatedly. Dilutions in $Log_{10}$ were realized. Amplification of the human RNase P was detected by RT-qPCR. Red line: RNase P curves. Blue line: ZIKV curves. NTC: no-template control. $C_t \leq 37$ was accepted as positive.




**Supplemental Figure 3.** Internal control for amplification of constitutive Cyclophilin A and RNase P genes. RNA from pediatric plasma spiked for ZIKV (n=40) was isolated automatedly with the standard protocol. A commercial kit (left plot) and in-house (right plot) RT-qPCR assays for ZIKV detection were tested. NTC: no-template control is highlighted with the black arrowheads.