

## Fast and Robust

MiRXES BlitzAmp Master Mix supports robust amplification of amplicons up to 250 bp using Lightning cycling protocol for accurate quantification in just 34 min.

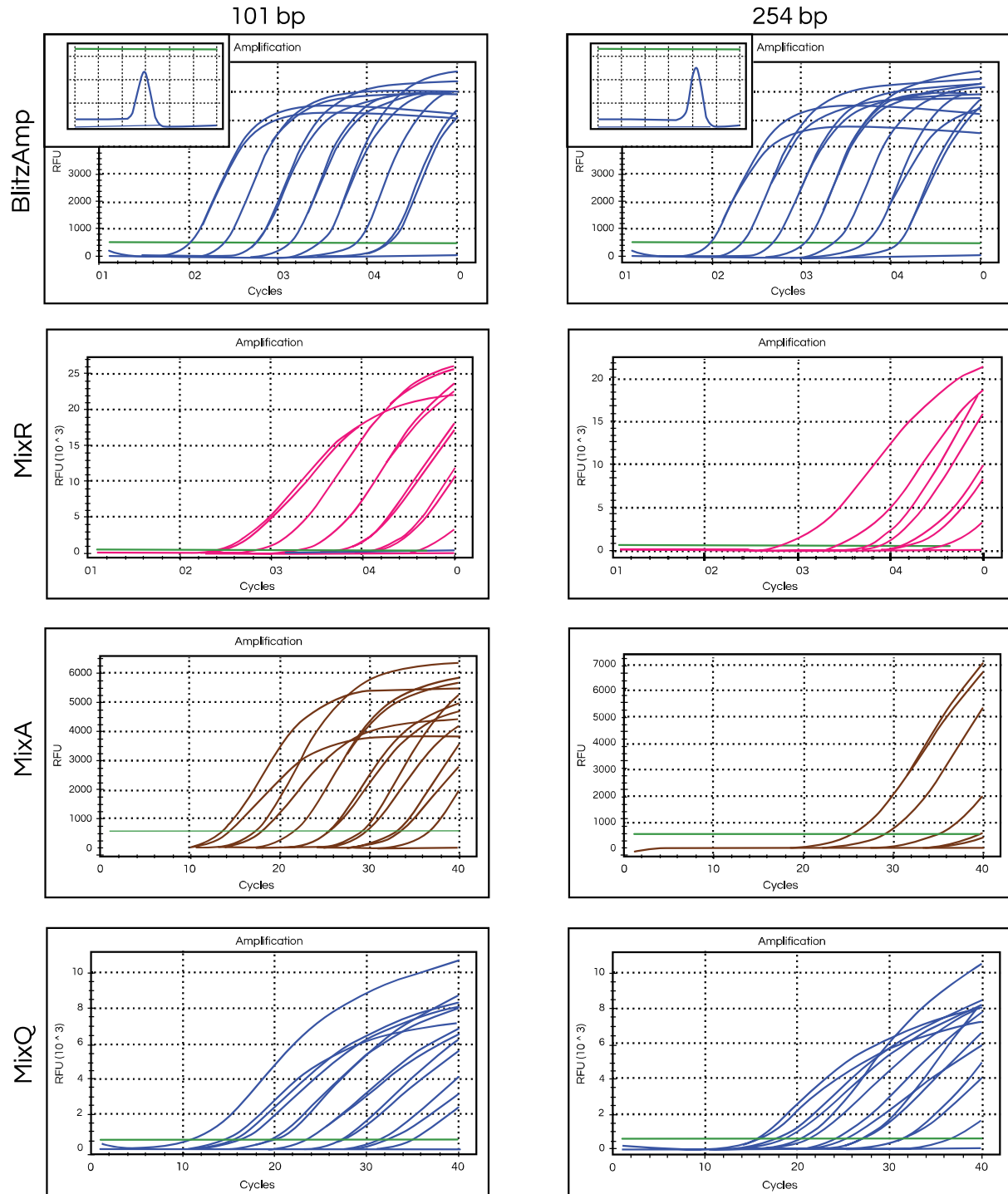


Figure 1. Robustness comparison of MiRXES BlitzAmp qPCR Master Mix against major competitors (i.e., Vendors R, A and Q). Amplicons of lengths 101 bp and 254 bp were amplified using qPCR Master Mixes from the various vendors using the Lightning thermal cycling protocol (i.e., Hot start 95°C/5 min, denaturation 98°C/1 s, annealing/extension 60°C/5 s, for 40 cycles, total 34 min run time). In just 34 min run time, MiRXES BlitzAmp Master Mix outperformed all the other Master Mixes in supporting efficient PCR amplification of up to 254 bp amplicon. Initial concentrations ranged from  $5 \times 10^1$  to  $5 \times 10^7$  copies per reaction.