

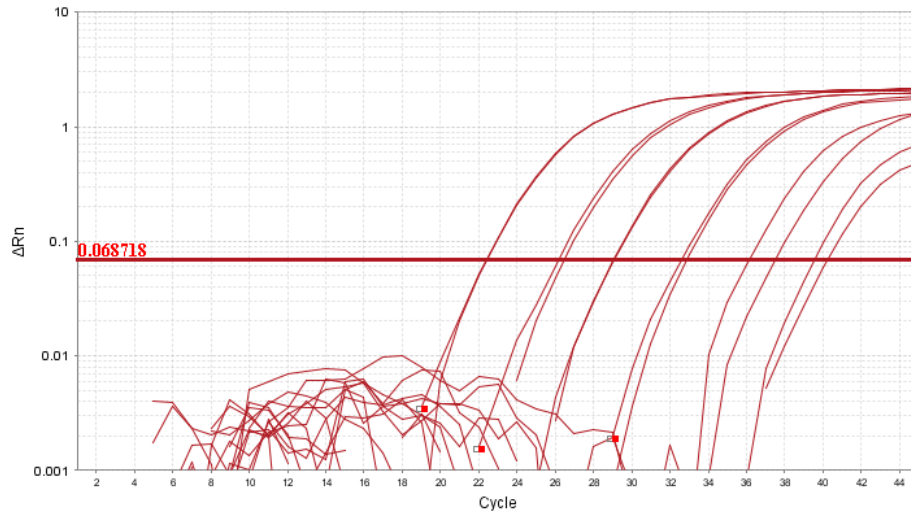
**Comparison of SARS-CoV-2 N gene real-time RT-PCR targets and commercially available
mastermixes**

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Whale^b, Eloise J Busby^b, Jim F Huggett^{b,c}, Kathryn Harris^a

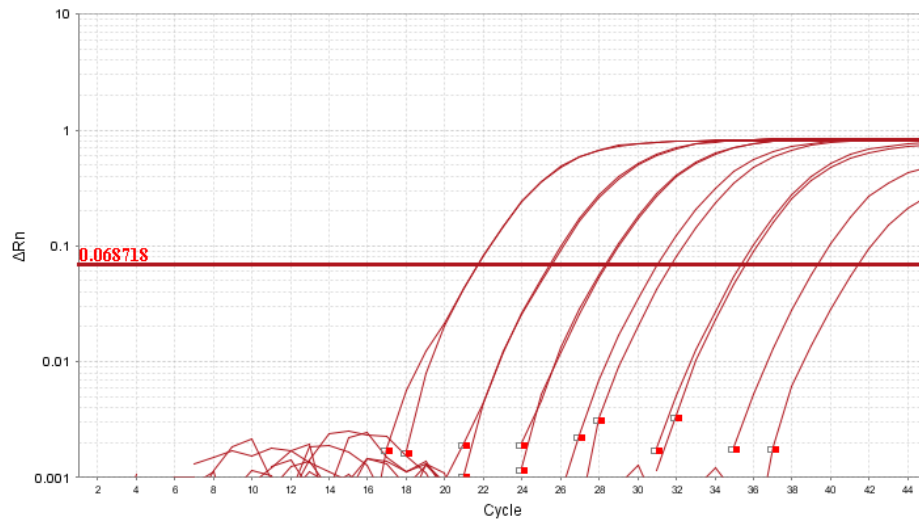
Supplementary Data: Figures S1–S6

Figure S1. Amplification curves using Takara PrimeScript III mastermix for a) Assay A, b) Assay B and c) Assay C

a)



b)



c)

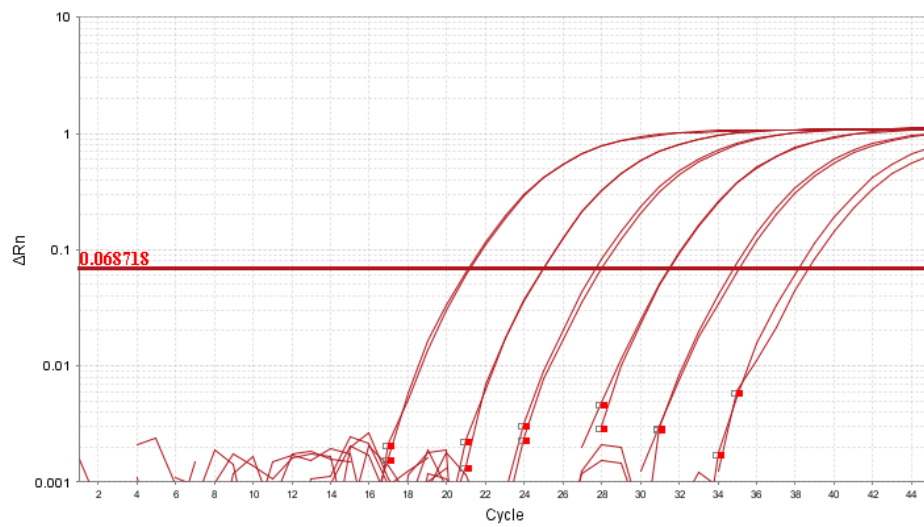
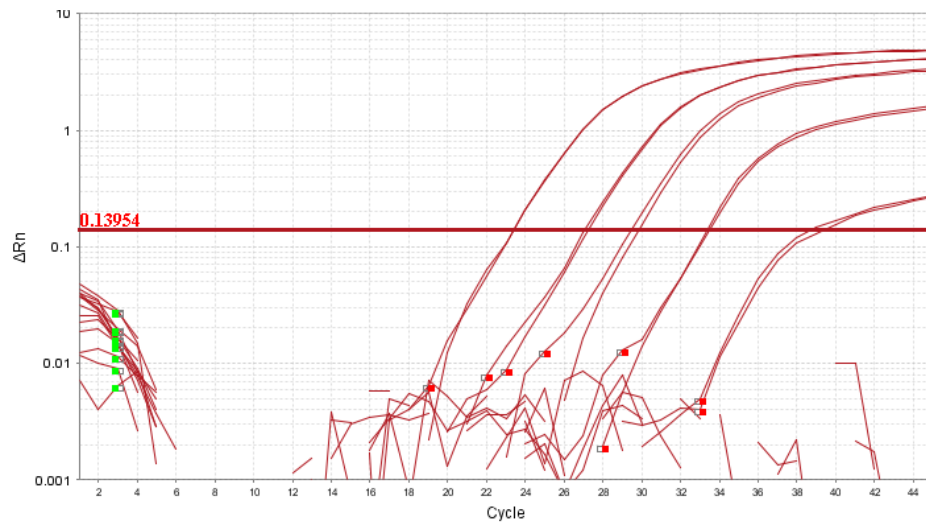
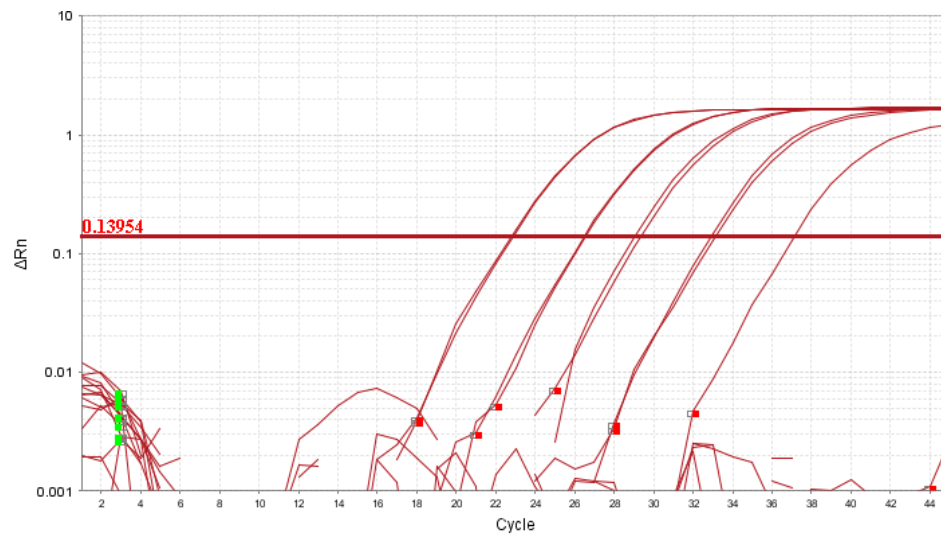


Figure S2. Amplification curves using ThermoFisher Fast Virus mastermix for a) Assay A, b) Assay B and c) Assay C

a)



b)



c)

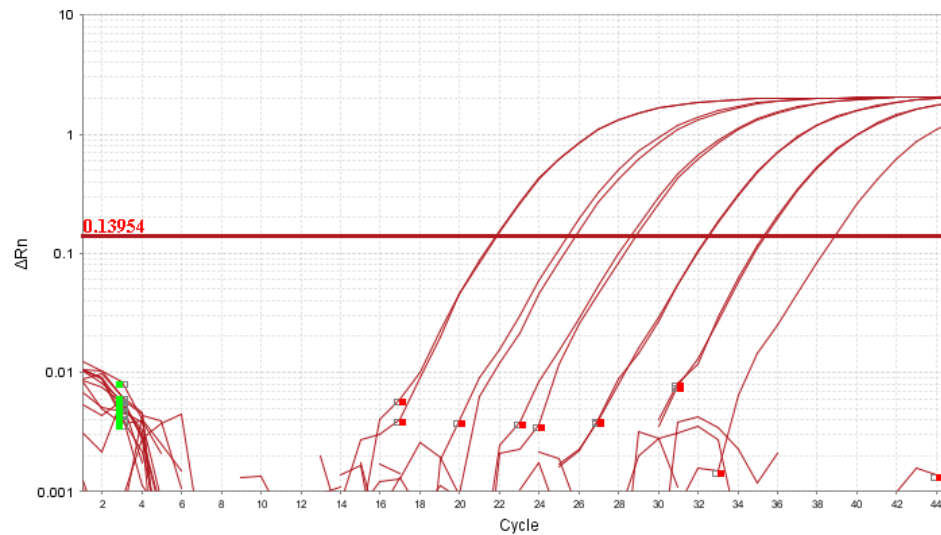
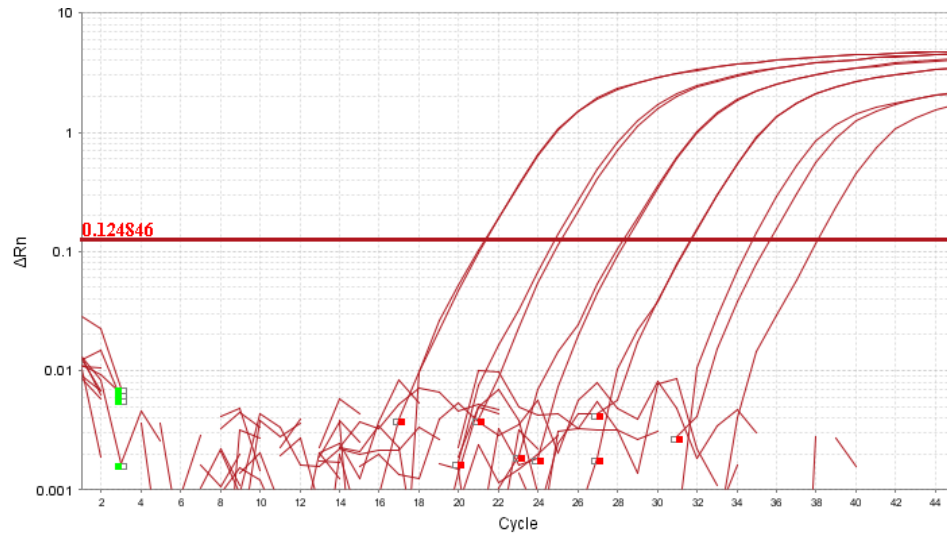
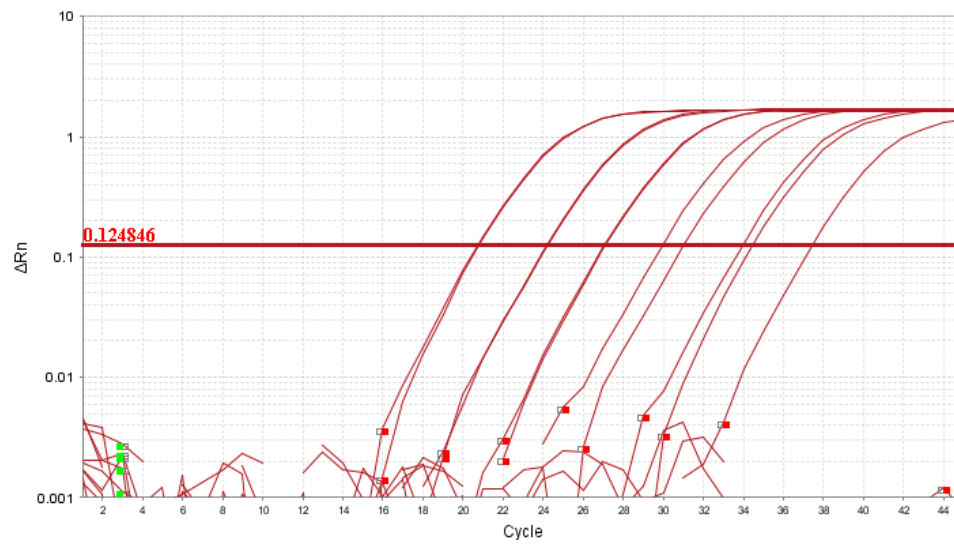


Figure S3. Amplification curves using ThermoFisher TaqPath mastermix for a) Assay A, b) Assay B and c) Assay C

a)



b)



c)

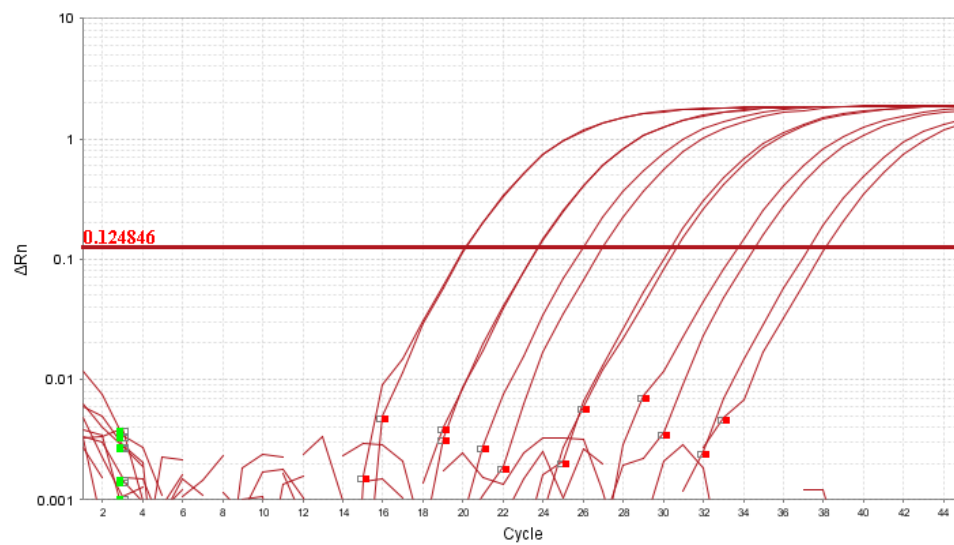
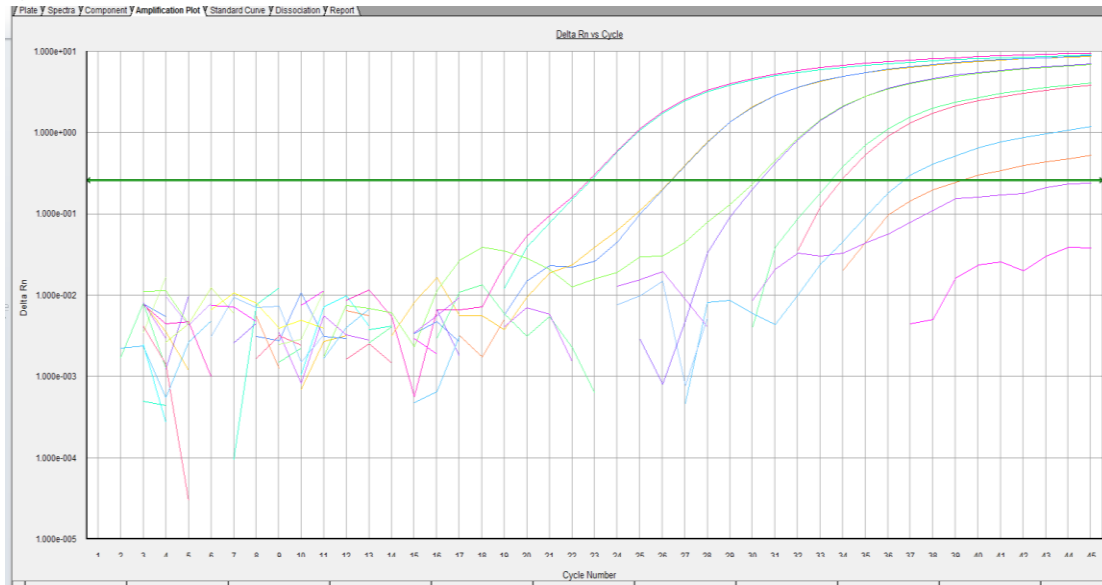
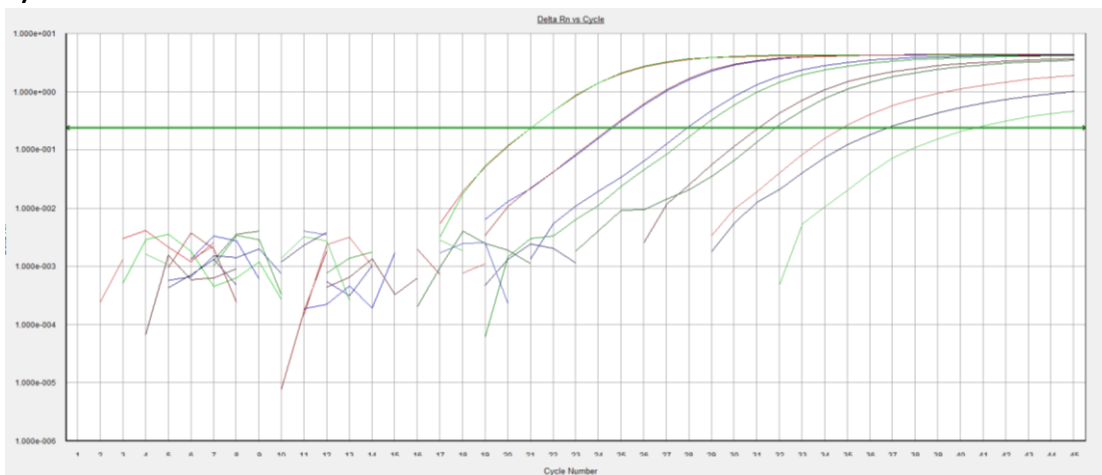


Figure S4. Amplification curves using Qiagen Quantifast mastermix for a) Assay A, b) Assay B and c) Assay C

a)



b)



c)

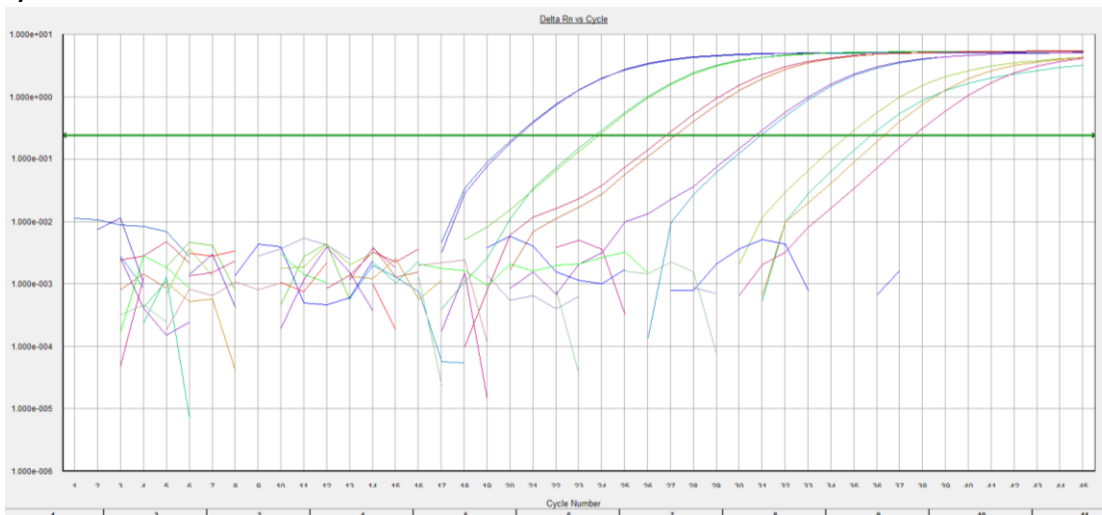


Figure S5. Plot of Cq values for N gene transcript dilution series, observed with each Assay (A–C) and mastermix combination in this study

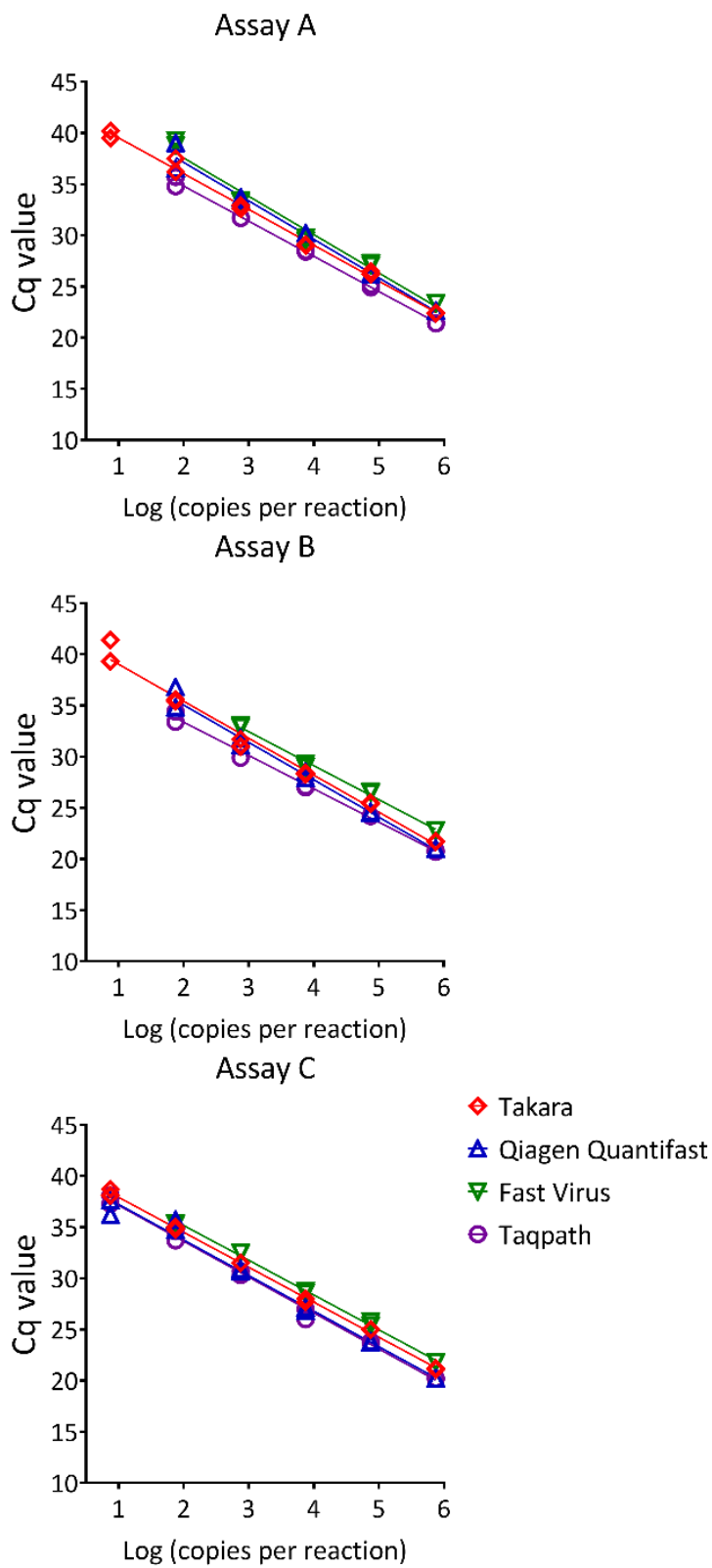


Figure S6. Amplification plot from 72 swabs tested using **a)** Qiagen Quantifast Multiplex RT-PCR +R mastermix; **b)** Takara One Step PrimeScript™ III RT-PCR Kit mastermix, with real-time RT-PCR Assay A on QuantStudio5 thermocycler (red, SARS-CoV-2; blue PDV); **c)** Correlation between Cq values observed with Qiagen and Takara mastermixes

