



OPEN

Author Correction: Development of a sensitive, quantitative assay with broad subtype specificity for detection of total HIV-1 nucleic acids in plasma and PBMC

C. N. Kibirige, M. Manak, D. King, B. Abel, H. Hack, D. Wooding, Y. Liu, N. Fernandez, J. Dalel, Steve Kaye, N. Imami, L. Jagodzinski & J. Gilmour

Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-021-03016-1>, published online 28 January 2022

The original version of this Article contained errors in the HPRT Reverse Primer and Probe primer sequences, which should read as: Antisense (HPRT-R) GGTCCTTTTCACCAGCAAGCT and Probe (HPRT-P) CTTTCC TTGGTCAGGCAGTATAATC. As a result, in the Materials and methods section, under the subheading ‘Semi-nested RTqPCR for sample enrichment’,

“The qPCRBIO 1-Step Go Lo-Rox Kit reagents (PCR Biosystems) and manufacturer recommended cycling parameters were used with 900 nM TGACACTGGCAAAACAATGCA HPRT Forward Primer, 900 nM AGC TTGCTGGTGAAAAGGACC HPRT Reverse Primer and 250 nM TTTCTTGGTCAGGCAGTATAATC VIC/TAMRA Probe (ThermoFisher Scientific).”

now reads:

“The qPCRBIO 1-Step Go Lo-Rox Kit reagents (PCR Biosystems) and manufacturer recommended cycling parameters were used with 900 nM TGACACTGGCAAAACAATGCA HPRT Forward Primer, 900 nM GGT CCTTTTCACCAGCAAGCT HPRT Reverse Primer and 250 nM CTTCTTGGTCAGGCAGTATAATC VIC/TAMRA Probe (ThermoFisher Scientific).”

Additionally, there was an error in 574P and 599R sequences in Table 2, where “I” should read “N”. ThermoFisher does not provide the oligonucleotides with an Inosine base. They provide equimolar amounts of each possible base in this position.

574P	LTR 574←552	Probe (total RNA or DNA)	5'-FAM/ACAGAYGGGCACACAC IACT/MGBNFQ-3'
599R	LTR 599←582	Reverse primer (total RNA or DNA)	5'-AGGGATCTCTAGITACCA-3'

should read:

574P	LTR 574←552	Probe (total RNA or DNA)	5'-FAM/ACAGAYGGGCACACAC NACT/MGBNFQ-3'
599R	LTR 599←582	Reverse primer (total RNA or DNA)	5'-AGGGATCTCTAGNTACCA-3'

The original Article has been corrected.

Published online: 11 July 2022



Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2022