

Correction

Correction: Taliaferro, L. *et al.* Evaluation of the Broad-Range PCR-Electrospray Ionization Mass Spectrometry (PCR/ESI-MS) System and Virus Microarrays for Virus Detection. *Viruses* 2014, *6*, 1876–1896

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We have noted some inaccuracies in Table 1 and Table 2 of our article “Evaluation of the Broad-Range PCR-Electrospray Ionization Mass Spectrometry (PCR/ESI-MS) System and Virus Microarrays for Virus Detection” (*Viruses* 2014, *6*, 1876–1896) [1].

In Table 1, the heading “LLMDA” was omitted and needs to be added to correctly align the results obtained using the LLMDA and the ViroChip with their corresponding results. Additionally, the 10^{-7} RNA dilution sample needs to be corrected to indicate that it was not tested (nt) in the presence of 10^5 cell equivalents of Sf9 total nucleic acids (+ 10^5) by the PLEX-ID.

In Table 2, the results for LLMDA need to be corrected to indicate that 10^{-4} RNA dilution was tested and found to be negative, whereas the 10^{-6} RNA dilution was not tested (nt).

Below you will find the corrected Tables 1 and 2 for our recently published article [1]. We apologize to the readers of *Viruses* for any inconvenience this may have caused.

Table 1. Limit of detection using XMRV RNA panel.

RNA Dilution ^b	Sample TCID ₅₀ /mL	Particles/ μ L ^c	PLEX-ID		LLMDA		Virochip	RT-PCR ^a	
			(-)Sf9	+10 ⁵	(-)Sf9	+10 ⁵	(-)Sf9	(-)Sf9	+10 ⁵
10 ⁻³	10 ^{1.5}	312	+	+	+	nt ^d	nt	+	+
10 ⁻⁴	10 ^{0.5}	31.2	+	+	+	nt	+	+	+
10 ⁻⁵	10 ^{-0.5}	3.12	+	+	+	-	+	+	-
10 ⁻⁶	10 ^{-1.5}	0.312	-	-	+	-	+	-	-
10 ⁻⁷	10 ^{-2.5}	0.0312	-	nt	-	nt	-	-	-

^a Results from nested PCR with XMRV *gag* primers; ^b Viral RNA dilution series were spiked into RNase/DNase free water [(-)Sf9] or present (+) in 10⁵ or 10⁴ cell equivalents of Sf9 total nucleic acids;

^c Calculated based upon RT activity determined by TSF-PERT assay; ^d Not tested.

Table 2. Limit of detection using SFV-1 RNA panel.

RNA Dilution ^b	Sample TCID ₅₀ /mL	Particles/ μ L ^c	PLEX-ID		LLMDA		RT-PCR ^a		
			(-)Sf9	(-)Sf9	+10 ⁴	(-)Sf9	+10 ⁵	+10 ⁴	
10 ⁻³	10 ^{2.5}	402	nt ^d	nt	nt	+	+	nt	
10 ⁻⁴	10 ^{1.5}	40.2	-	+	-	+	-	+	
10 ⁻⁵	10 ^{0.5}	4.02	-	+	-	-	-	-	
10 ⁻⁶	10 ^{-0.5}	0.402	-	-	nt	-	-	nt	

^a Results from nested PCR with SFV-1 *gag* primers; ^b Viral RNA dilution series were spiked into RNase/DNase free water [(-)Sf9] or present (+) in 10⁵ or 10⁴ cell equivalents of Sf9 total nucleic acids;

^c Calculated based upon RT activity determined by TSF-PERT assay; ^d Not tested.

Reference and Notes

1. Taliaferro, L.P.; Galvin, T.A.; Ma, H.; Shaheduzzaman, S.; Williams, D.K.; Glasner, D.R.; Khan, A.S. Evaluation of the broad-range PCR-electrospray ionization mass spectrometry (PCR/ESI-MS) system and virus microarrays for virus detection. *Viruses* **2014**, *6*, 1876–1896.

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