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Author Correction: A Recombinant Newcastle Disease Virus (NDV) Expressing S Protein of Infectious Bronchitis Virus (IBV) Protects Chickens against IBV and NDV

Edris Shirvani, Anandan Paldurai, Vinoth K. Manoharan, Berin P. Varghese & Siba K. Samal

Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-018-30356-2>, published online 10 August 2018

This Article contains errors in the Methods under subheading ‘IBV protection experiment 2’.

“A total of twenty 4-week-old SPF chickens were divided into four groups of five each. Five chickens of groups one and two were inoculated with 10^7 EID₅₀ of rNDV and rNDV/codon optimized-S, respectively, via ocular route. Five chickens of group three were inoculated with 10 recommended doses of a commercial live attenuated Mass-type IBV vaccine via ocular route and chickens of group four were inoculated with PBS.”

should read:

“A total of fifteen 4-week-old SPF chickens were divided into three groups of five each. Five chickens of groups one and two were inoculated with 10^7 EID₅₀ of rNDV/codon optimized-S and 10 recommended doses of a commercial live attenuated Mass-type IBV vaccine via ocular route, respectively. Chickens of group three were inoculated with PBS. Samples collected from five non-vaccinated SPF chickens involved in another IBV protection study also were used as control.”

Furthermore, within the Methods under subheading ‘Quantitative reverse transcription-polymerase chain reaction (RT-qPCR)’

“Forty cycles of PCR at 95 °C for 10 s (denaturation), 58 °C for 20 s (annealing), and 72 °C for 30 s (elongation) followed by melting curve analysis that consisted of 95 °C for 5 s and 65 °C for 60 s.”

should read:

“The thermal conditions of 50 °C for 10 min and 95 °C for 10 min, then forty-five cycles of PCR at 95 °C for 10 s (denaturation), 58 °C for 20 s (annealing) followed by 95 °C for 5 s and melting curve analysis that consisted of 65 °C to 95 °C for 5 s was carried out to amplify the 150 nt – N gene fragments.”



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