frontiers | Frontiers in Immunology

TYPE Correction
PUBLISHED 18 November 2024
DOI 10.3389/fimmu.2024.1515309

OPEN ACCESS

EDITED AND REVIEWED BY
Wei Wang,
Wenzhou University, China

*CORRESPONDENCE
Jiyong Zhou
jyzhou@zju.edu.cn

RECEIVED 22 October 2024
ACCEPTED 04 November 2024
PUBLISHED 18 November 2024

CITATION
Lu C, Li H, Chen W, Li H, Ma J, Peng P, Yan Y, Dong W, Jin Y, Pan S, Shang S, Gu J and Zhou J (2024) Corrigendum: Immunological characteristics of a recombinant alphaherpesvirus with an envelope-embedded *Cap* protein of circovirus. *Front. Immunol.* 15:1515309. doi: 10.3389/fimmu.2024.1515309

Corrigendum: Immunological characteristics of a recombinant alphaherpesvirus with an envelope-embedded *Cap* protein of circovirus

Chenhe Lu[1], Haimin Li[1], Wenjing Chen[1], Hui Li[2], Jiayu Ma[1], Peng Peng[1], Yan Yan[1], Weiren Dong[1], Yulan Jin[1], Shiyue Pan[1], Shaobin Shang[2], Jinyan Gu[1] and Jiyong Zhou[1,3]*

[1]MOA Key Laboratory of Animal Virology, Zhejiang University Center for Veterinary Sciences, Hangzhou, China, [2]College of Veterinary Medicine, Yangzhou University, Yangzhou, China, [3]State Key Laboratory for Diagnosis and Treatment of Infectious Diseases, First Affiliated Hospital, Zhejiang University, Hangzhou, China

KEYWORDS

chimeric pseudorabies virus, circovirus, immunity, memory responses, IFN-γ

A Corrigendum on

Immunological characteristics of a recombinant alphaherpesvirus with an envelope-embedded *Cap* protein of circovirus

By Lu C, Li H, Chen W, Li H, Ma J, Peng P, Yan Y, Dong W, Jin Y, Pan S, Shang S, Gu J and Zhou J (2024). *Front. Immunol.* 15:1438371. doi: 10.3389/fimmu.2024.1438371

In the published article, there was an error. In the **Materials and Methods** section, we conducted Cas9 editing on the homologous right arm region, US9 and US2, and the final site was US2 instead of US9.

A correction has been made to **Materials and Methods**, *Construction for Cap protein of PCV2 transfer and US9 CRISPR-Cas9 gene editing vectors*. This section sub-heading previously stated: "Construction for Cap protein of PCV2 transfer and US9 CRISPR-Cas9 gene editing vectors".

The corrected sub-heading appears below:

"Construction for Cap protein of PCV2 transfer and US2 CRISPR-Cas9 gene editing vectors".

In the published article, there was an error in **Figure 1A** as published. As stated above, we conducted Cas9 editing on the homologous right arm region, US9 and US2, and the final site was US2 instead of US9. The corrected **Figure 1A** and its caption appear below.

The authors apologize for these errors and state that they do not change the scientific conclusions of the article in any way. The original article has been updated.

Publisher's note

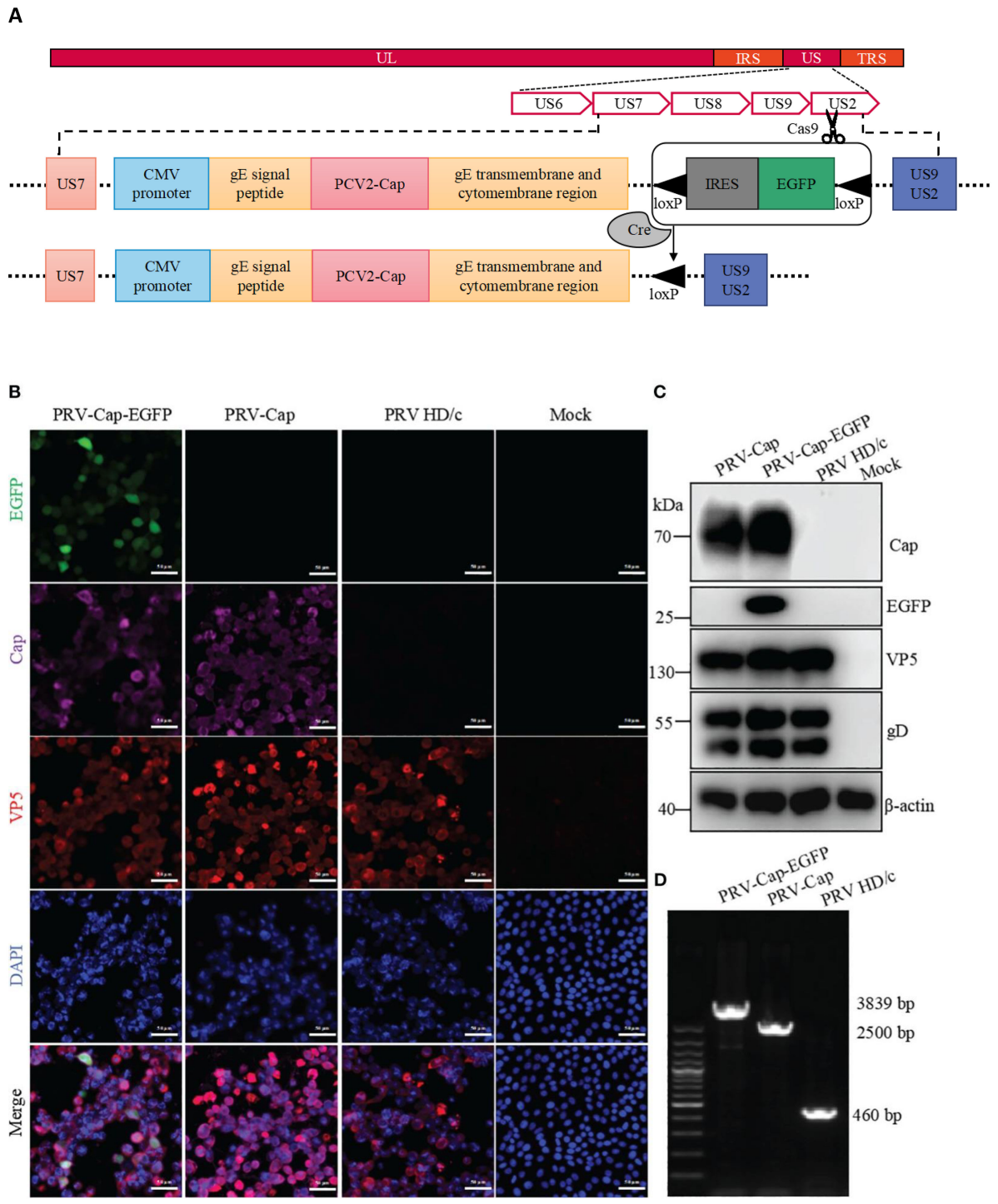

FIGURE 1
Generation of recombinant PRV with the Cap protein of PCV2. **(A)** The construction strategy of PRV-Cap. The PCV2 *Cap* gene was inserted into the *gE* extracellular region of parent PRV HD/c virus strain by homologous recombinant transfer vector, and then the fluorescent labeled *EGFP* gene was removed *in vitro* by the Cre-LoxP recombinant enzyme system to obtain the recombinant PRV with only the exogenous Cap gene. **(B)** IFA and **(C)** Western blotting assays of Cap-gE fusion protein expression in Vero cells inoculated with 1 MOI of PRV-Cap-EGFP, PRV-Cap, and PRV HD/c virus at 24 h post infection **(D)** Identification of inserting the *Cap* gene in Cap-EGFP and PRV-Cap by nucleic acid electrophoresis using gE-US7-9 primers.