Virologica Sinica 38 (2023) 482–483

Contents lists available at ScienceDirect

Virologica Sinica

journal homepage: www.keaipublishing.com/en/journals/virologica-sinica
www.virosin.org

Corrigendum to "African swine fever virus protein E199L promotes cell autophagy through the interaction of PYCR2" [Virol Sin 36 (2021) 196–206]

Sheng Chen [a,b,c], Xinheng Zhang [a,b,c], Yu Nie [a,b,c], Hongxin Li [a,b,c], Weiguo Chen [a,b,c], Wencheng Lin [a,b,c], Feng Chen [a,b,c], Qingmei Xie [a,b,c,*]

[a] College of Animal Science, South China Agricultural University & Lingnan Guangdong Laboratory of Modern Agriculture & Guangdong Provincial Key Lab of Agro-Animal Genomics and Molecular Breeding, Guangdong, Guangzhou, 510642, China
[b] South China Collaborative Innovation Center for Poultry Disease Control and Product Safety, Guangdong, Guangzhou, 510642, China
[c] Key Laboratory of Animal Health Aquaculture and Environmental Control, Guangdong, Guangzhou, 510642, China

Due to our negligence, the original version of this article, published online on April 08, 2021, contained a mistake in Fig. 1E. The lane of β-actin in Western blotting was misused. The correct Fig. 1 is given below. We apologize for our oversight when preparing the figure and state that this does not change the scientific conclusions of the article in any way.

DOI of original article: https://doi.org/10.1007/s12250-021-00375-x.
* Corresponding author.
E-mail address: qmx@scau.edu.cn (Q. Xie).

https://doi.org/10.1016/j.virs.2023.04.004

Available online 5 June 2023

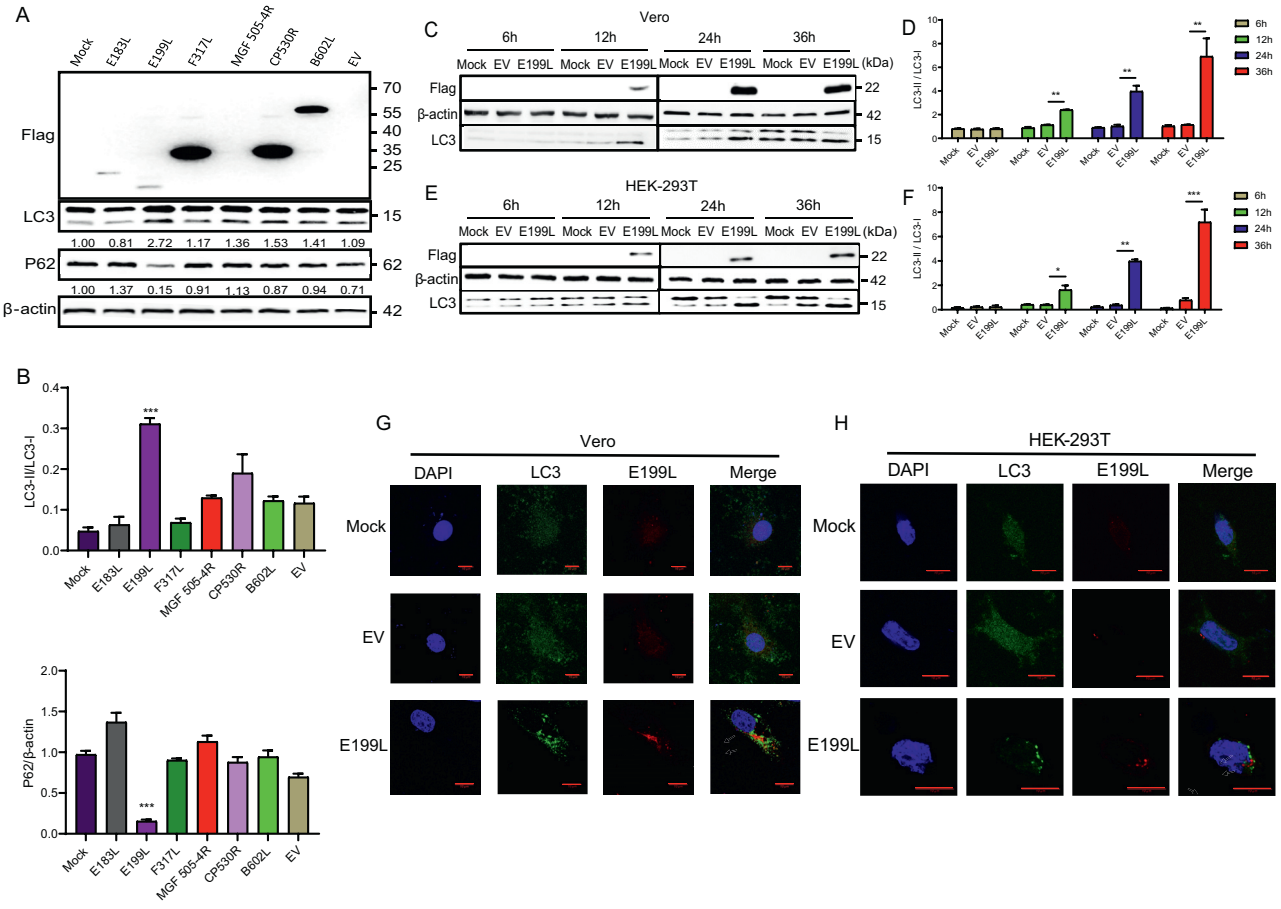

Fig. 1. ASFV E199L protein triggers autophagy in Vero and HEK-293T cells. **A** Vero cells were transfected with empty vectors or various plasmids expressing Flag-tagged ASFV E183L, E199L, F317L, MGF 505-4R, CP530R, B602L proteins and empty vector (EV). At 24 h post-transfection, cells were harvested and Western blotting was performed. Blots are representative of the 3 independent experiments. β-actin was used as sample-loading control. **B** Densitometric LC3-II/LC3-I and P62/β-actin ratios from at least 3 independent experiments were shown. Error bars show standard error of the mean (SEM). Significance was analyzed with two-tailed Student's test. $***P < 0.001$. **C** and **E**: Vero and HEK-293T cells were transfected with ASFV E199L protein expression plasmids (E199L) or empty vectors (EV). Cells were harvested at indicated time points (6, 12, 24 and 36 h) and detected with anti-LC3B antibody. Blots are representative of the 3 independent experiments. β-actin was used as sample-loading control. **D** and **F**: Densitometric LC3-II/LC3-I ratios from at least 3 independent experiments were shown. Error bars show standard error of the mean (SEM). Significance was analyzed with two-tailed Student's test. $*P < 0.05$, $**P < 0.01$, $***P < 0.001$. **G** and **H:** Vero and HEK-293T cells were transfected with ASFV E199L protein expression plasmids or empty vectors. The fluorescent puncta of LC3B were observed by confocal microscopy with scale bars indicating 10 μm.