



Corrigendum: Foot-and-Mouth Disease Virus Counteracts on Internal Ribosome Entry Site Suppression by G3BP1 and Inhibits G3BP1-Mediated Stress Granule Assembly via Post-Translational Mechanisms

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A Corrigendum on:

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In the original article, there was a mistake in **Figure 6A** as published. We checked the raw data and found that we accidentally cropped the control group, so there is a control group missing from the Western blot experiment for detecting Flag-G3BP1. Lane 1 was used to show that the specific bands detected by Western blot were the ectopic expression of Flag-G3BP1, as the same background/noise was present in lane 1 as in lanes 2-6 (compared to blank lanes), but no specific bands were detected in lane 1. The corrected **Figure 6** appears below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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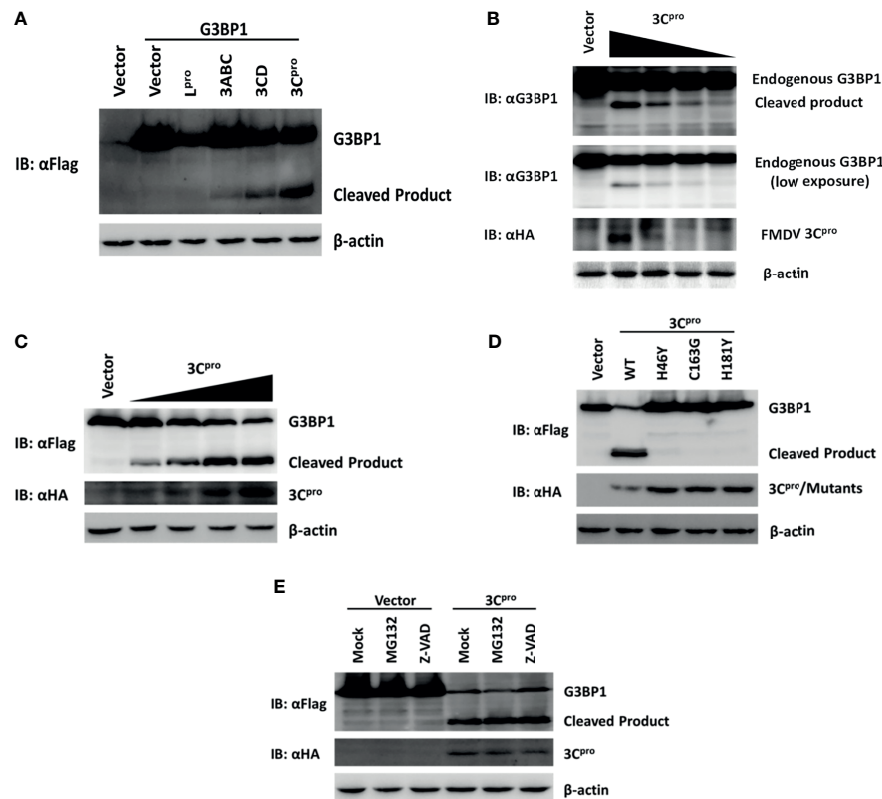


FIGURE 6 | Foot-and-mouth disease virus 3C^{pro} cleaves G3BP1 by means of its protease activity. **(A)** Human embryonic kidney cells (HEK)-293T cells cultured in 60-mm dishes were transfected with Flag-tagged porcine G3BP1 as indicated (4 μ g), along with HA-L^{pro}, 3C^{pro}, or 3C^{pro}-containing precursors (0.05 μ g). Cell lysates were prepared 30 h post-transfection and analyzed by western blotting. **(B)** IBRS-2 cells were transfected with increasing quantities (0, 0.5, 1, 2, or 4 μ g) of plasmid encoding 3C^{pro}. Cell lysates were prepared 36 h post-transfection and analyzed by western blotting. **(C)** HEK-293T cells were transfected with Flag-tagged wild-type porcine G3BP1 (4 μ g), along with increasing quantities HA-3C^{pro} plasmid (0, 0.0125, 0.025, 0.05, or 0.1 μ g). Cell lysates were prepared 30 h post-transfection and analyzed by western blotting. **(D)** HEK-293T cells were transfected with Flag-tagged porcine G3BP1 expression plasmid (4 μ g), along with wild-type 3C^{pro} expression plasmids or its mutants (0.05 μ g). Cell lysates were prepared 30 h post-transfection and analyzed by western blotting. **(E)** HEK-293T cells were co-transfected with Flag-tagged porcine G3BP1 expression plasmid (4 μ g) and plasmid encoding 3C^{pro} or empty vector (0.05 μ g). 24 h after transfection, MG132 or zVAD-FMK were added to a final concentration of 20 μ M. Cell lysates were prepared 8 h after treatment and analyzed by western blotting.