Correction

IMMUNOLOGY AND INFLAMMATION

Correction for "Induction of USP25 by viral infection promotes innate antiviral responses by mediating the stabilization of TRAF3 and TRAF6," by Dandan Lin, Man Zhang, Meng-Xin Zhang, Yujie Ren, Jie Jin, Quanyi Zhao, Zishu Pan, Min Wu, Hong-Bing Shu, Chen Dong, and Bo Zhong, which was first published August 24, 2015; 10.1073/pnas.1509968112 (*Proc. Natl. Acad. Sci. U.S.A.* **112**, 11324–11329).

The authors note the following: "The bright-field image of mock-infected *Usp25*$^{-/-}$ MEFs was accidentally overlaid by the bright-field image of NDV-infected *Usp25*$^{+/+}$ MEFs (18 h) during the preparation and production process (Fig. 1*E*). This error does not affect the description of the results or the conclusion of this study. We apologize for the inconvenience caused." The corrected Fig. 1 and its legend appear below.

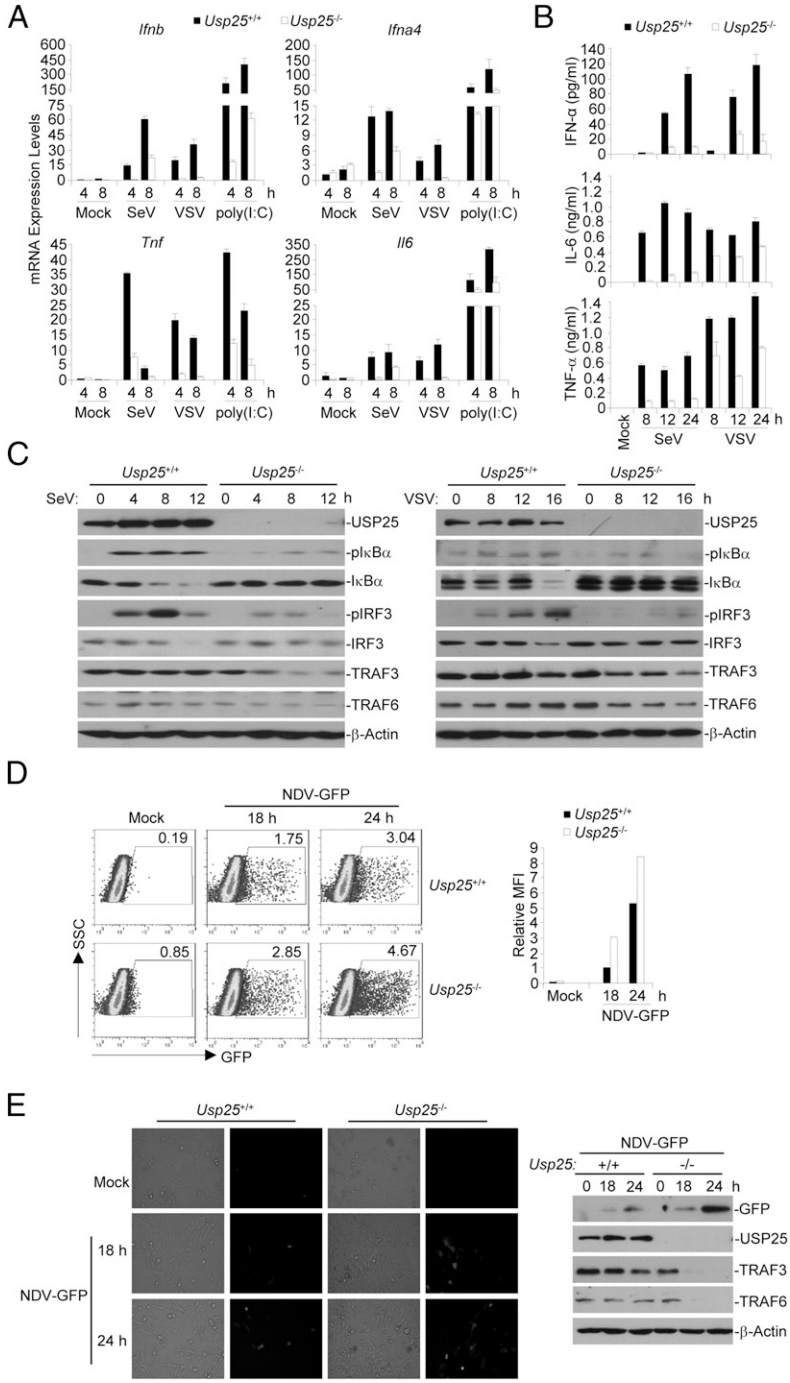

Fig. 1. USP25 positively regulates RNA virus-induced signaling in primary mouse embryonic fibroblasts (MEFs). (*A*) The expression of *Ifnb*, *Ifna4*, *Tnf*, and/or *Il6* was inhibited in *Usp25*$^{-/-}$ MEFs than in wild-type counterparts after SeV or VSV infection or transfection of the dsRNA analog poly(I:C). Wild-type or *Usp25*$^{-/-}$ MEFs were infected with SeV or VSV or transfected with poly(I:C) (1 μg) for the indicated time points before qPCR analysis was performed. (*B*) *Usp25*$^{-/-}$ MEFs produced decreased amount of IFN-α, IL-6, and TNF-α proteins after SeV or VSV infection than did the wild-type cells. Wild-type or *Usp25*$^{-/-}$ MEFs were infected with SeV or VSV for the indicated time points and the supernatants were collected for ELISA analysis. (*C*) SeV- or VSV-induced phosphorylation of IRF3 and IκBα was substantially impaired in *Usp25*$^{-/-}$ MEFs. Wild-type or *Usp25*$^{-/-}$ MEFs were infected with SeV or VSV for the indicated time points. Cells were lysed and the cell lysates were subject to immunoblot analysis with the indicated antibodies. (*D* and *E*) The replication of GFP-tagged Newcastle disease virus (NDV) was potentiated in *Usp25*$^{-/-}$ MEFs compared with the wild-type MEFs. Wild-type or *Usp25*$^{-/-}$ MEFs were infected with GFP-NDV (MOI = 0.01, *D*; MOI = 0.1, *E*) for 18 or 24 h. Cells were harvested for flow cytometry or microscopy imaging and immunoblot analysis. Data are representative of three independent experiments (mean and SD of three replicates in *A* and *B*).

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