

## CORRECTION

# Correction: Y-box-binding protein 1 supports the early and late steps of HIV replication

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Panel B of [Fig 4](#) is incorrect. The authors have provided a corrected version of [Fig 4](#) here.

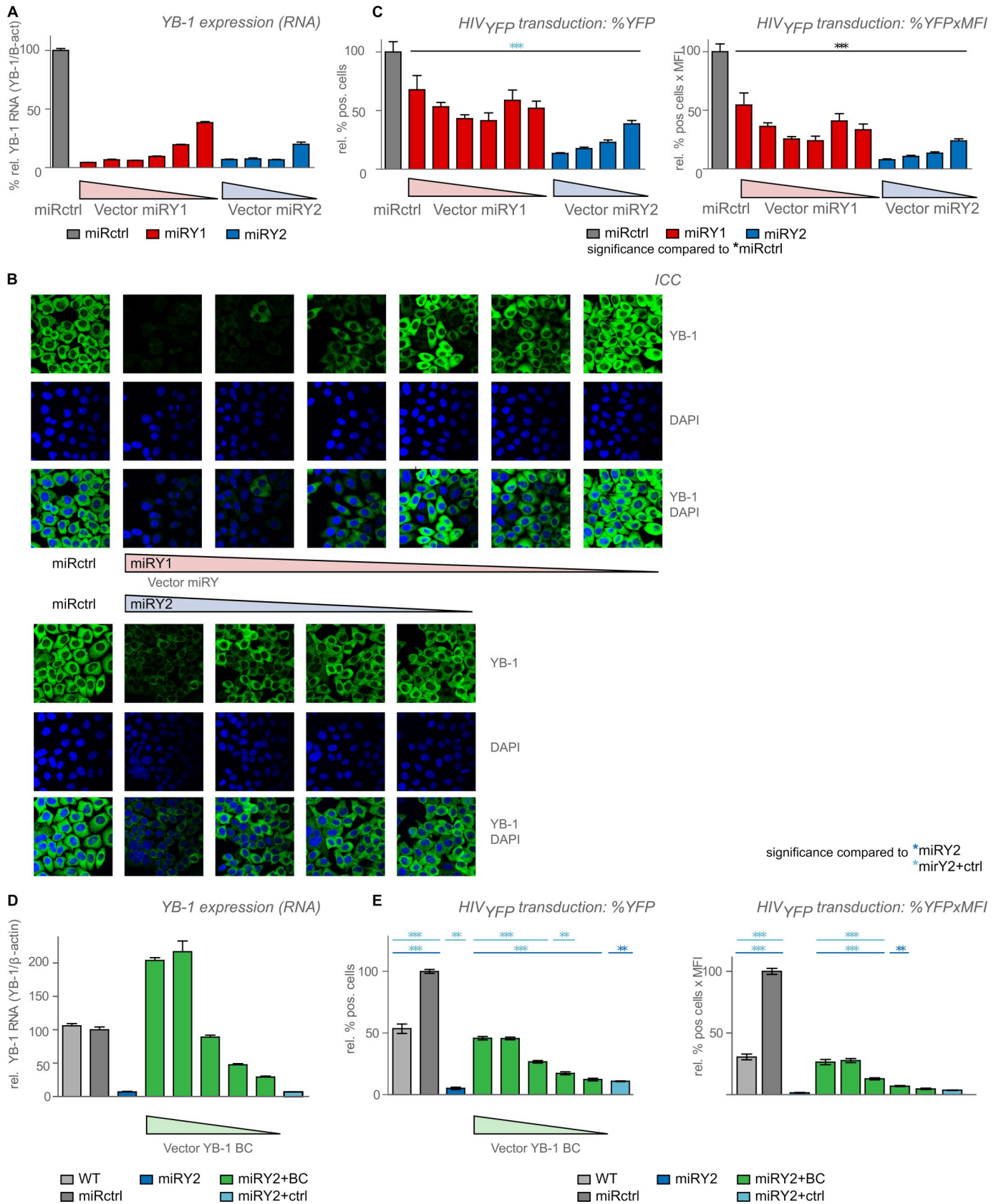


## OPEN ACCESS

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**Fig 4. YB-1 levels affect the early steps of HIV replication.** HeLaP4 cells were transduced with a dilution series of vector expressing a miRNA-based shRNA against YB-1 (miRY1, *red*, miRY2, *blue*) or against DSRred (miRctrl, *dark grey*). YB-1 expression levels were measured with (A) RT-qPCR and with (B) immunocytochemistry (ICC). YB-1 was detected with a specific antibody (*green*). DNA was stained using DAPI. (C) The stable cell lines were infected with VSV-G pseudotyped HIV<sub>YFP</sub> and harvested 48–72 hours post infection. % YFP positive cells (*upper panel*) and the % YFP positive x mean fluorescence intensity (MFI) (*lower panel*) were measured using flow cytometry. Shown is a representative experiment out of 3 independent experiments. Standard deviations for triplicates within one experiment are shown. The various YB-1-depleted cell lines were compared to the miRctrl (*black stars*) condition using one way ANOVA followed by the Bonferroni multiple comparison test. (D) HeLaP4 cells depleted for YB-1 were transduced with different concentrations of vector expressing miRNA-resistant YB-1 (miRY2+BC, *green*) or control vector (miRY2+ctrl, *light blue*) and RNA expression levels were determined with RT-qPCR. (E) Experiment performed as in panel C. VSV-G pseudotyped HIV<sub>YFP</sub> infection efficiency was partially restored upon YB-1 backcomplementation, as measured by flow cytometry. Shown is a representative experiment out of 3 independent experiments. Standard deviations of triplicate data points are shown. Differences were determined using one-way ANOVA, followed by the Bonferroni multiple comparison test. The miRctrl and the BC dilution series were compared to the miRY2 (*dark blue stars*) and miRY2+ctrl (*light blue stars*) conditions. \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$ .

<https://doi.org/10.1371/journal.pone.0241893.g001>

## Reference

1. Weydert C, van Heertum B, Dirix L, De Houwer S, De Wit F, Mast J, et al. (2018) Y-box-binding protein 1 supports the early and late steps of HIV replication. PLoS ONE 13(7): e0200080. <https://doi.org/10.1371/journal.pone.0200080> PMID: 29995936