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Author Correction: AMPK signaling in the nucleus accumbens core mediates cue-induced reinstatement of cocaine seeking

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Correction to: *Scientific Reports* https://doi.org/10.1038/s41598-017-01043-5, published online 21 April 2017

The original version of this Article contained errors.

During the figure assembly some of the representative blots included in Figures 1, 2, 3, and 4 were duplicated or inappropriately cropped. The data for the following samples was incorrect: in Figure 1E image for t-AMPK; in Figure 2E image for t-p70s6k; in Figure 2F images for t-AMPK, t-p70s6k, and beta-actin; in Figure 3E images for t-p70s6k, t-ERK 1/2, and beta-actin; in Figure 3F images for p-AMPK, p-p70s6k, t-AMPK, t-p70s6k, t-ERK 1/2, beta-actin; and in Figure 4F image for p-p70s6k.

The original Figures 1, 2, 3, and 4 are included below.

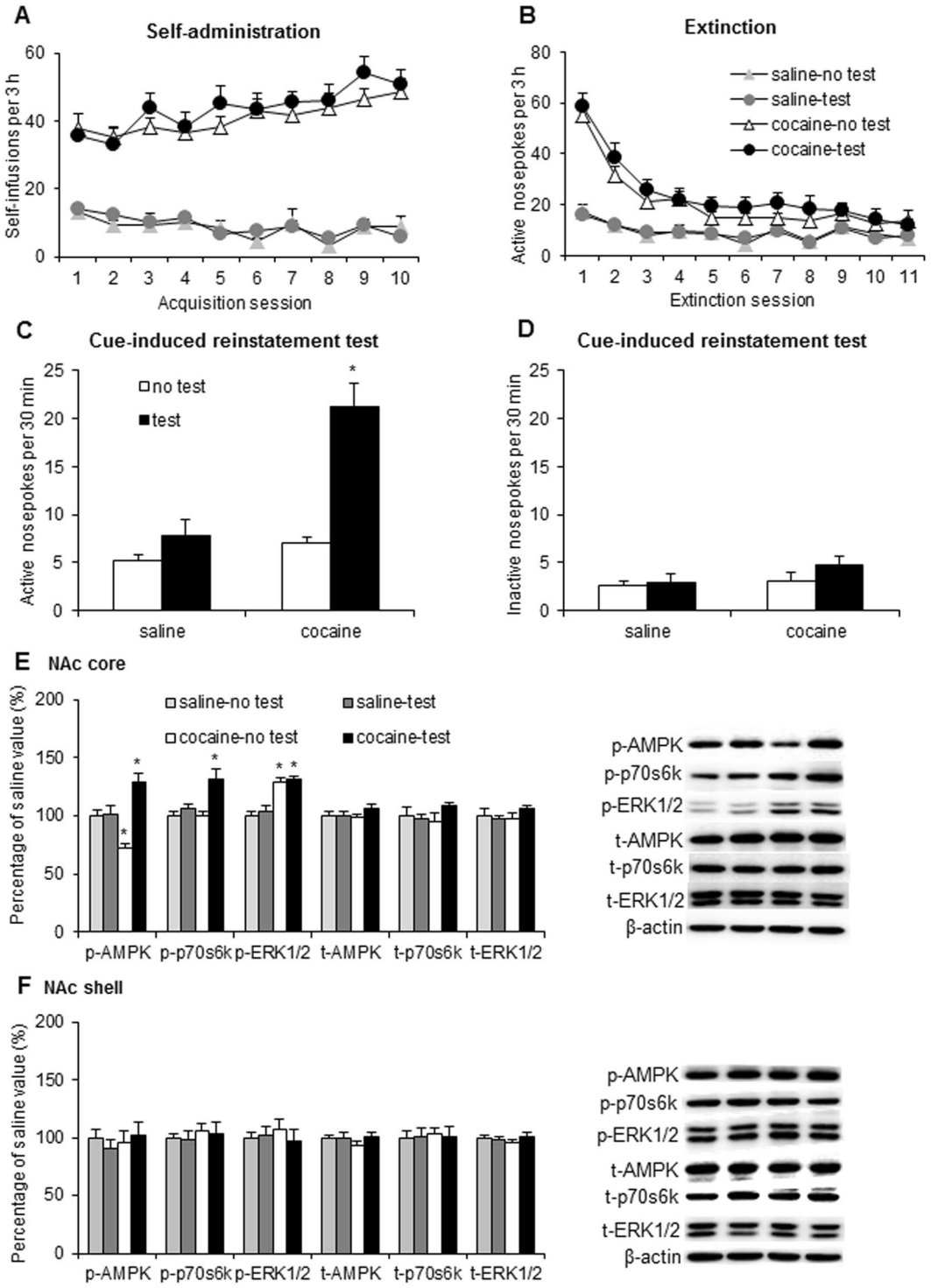
A
Self-administration
Self-infusions per 3 h
Acquisition session
B
Extinction
saline-no test
saline-test
cocaine-no test
cocaine-test
Active nosepokes per 3 h
Extinction session
C
Cue-induced reinstatement test
no test
test
Active nosepokes per 30 min
saline
cocaine
D
Cue-induced reinstatement test
Inactive nosepokes per 30 min
saline
cocaine
E NAc core
saline-no test
saline-test
cocaine-no test
cocaine-test
Percentage of saline value (%)
p-AMPK
p-p70s6k
p-ERK1/2
t-AMPK
t-p70s6k
t-ERK1/2
β-actin
F NAc shell
Percentage of saline value (%)
p-AMPK
p-p70s6k
p-ERK1/2
t-AMPK
t-p70s6k
t-ERK1/2
β-actin

Figure 1.

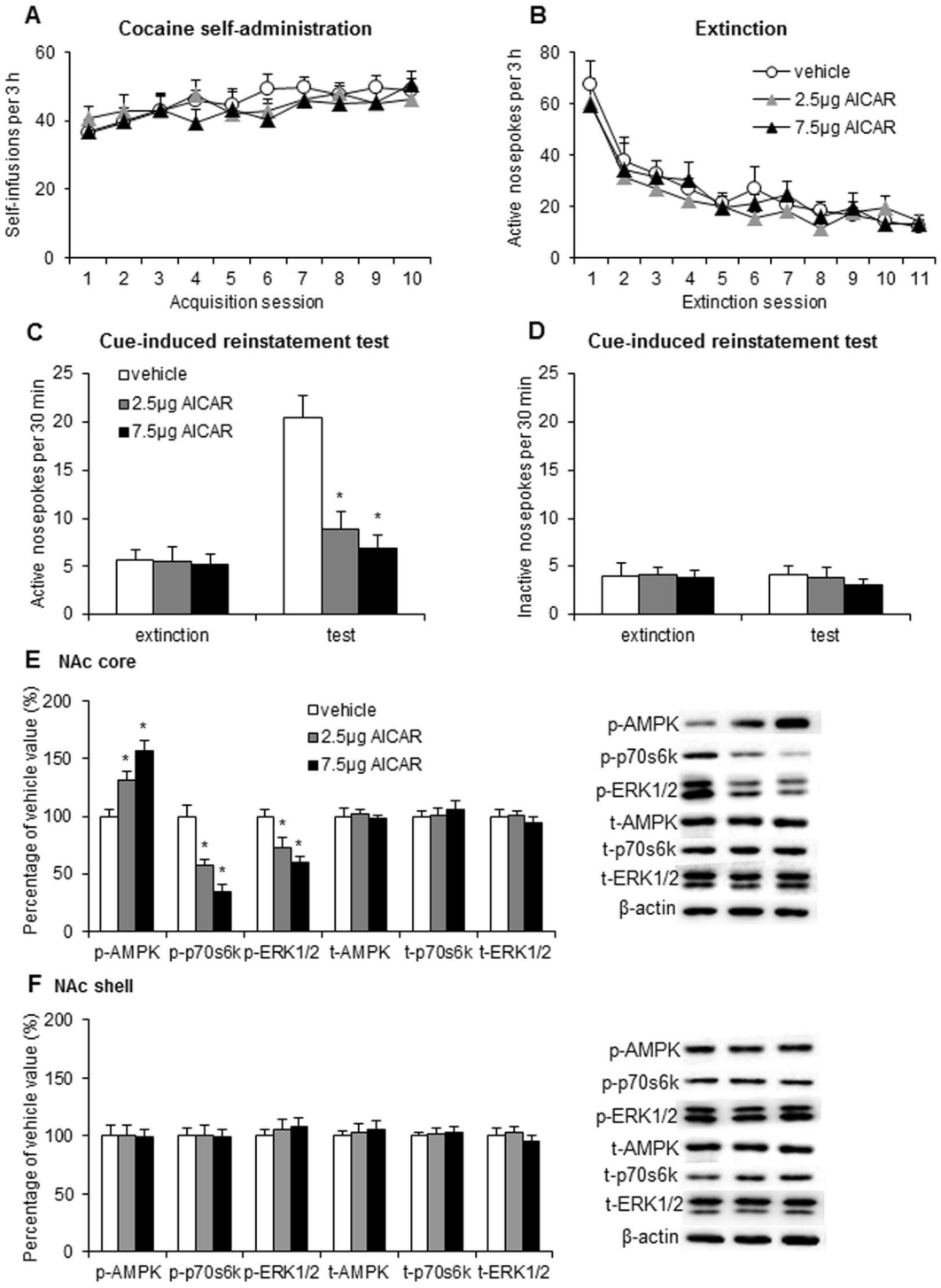
A
Cocaine self-administration
Self-infusions per 3 h
Acquisition session
B
Extinction
Active nosepokes per 3 h
vehicle
2.5μg AICAR
7.5μg AICAR
Extinction session
C
Cue-induced reinstatement test
Active nosepokes per 30 min
vehicle
2.5μg AICAR
7.5μg AICAR
extinction
test
D
Cue-induced reinstatement test
Inactive nosepokes per 30 min
extinction
test
E NAc core
Percentage of vehicle value (%)
vehicle
2.5μg AICAR
7.5μg AICAR
p-AMPK
p-p70s6k
p-ERK1/2
t-AMPK
t-p70s6k
t-ERK1/2
β-actin
F NAc shell
Percentage of vehicle value (%)
p-AMPK
p-p70s6k
p-ERK1/2
t-AMPK
t-p70s6k
t-ERK1/2
β-actin

Figure 2.

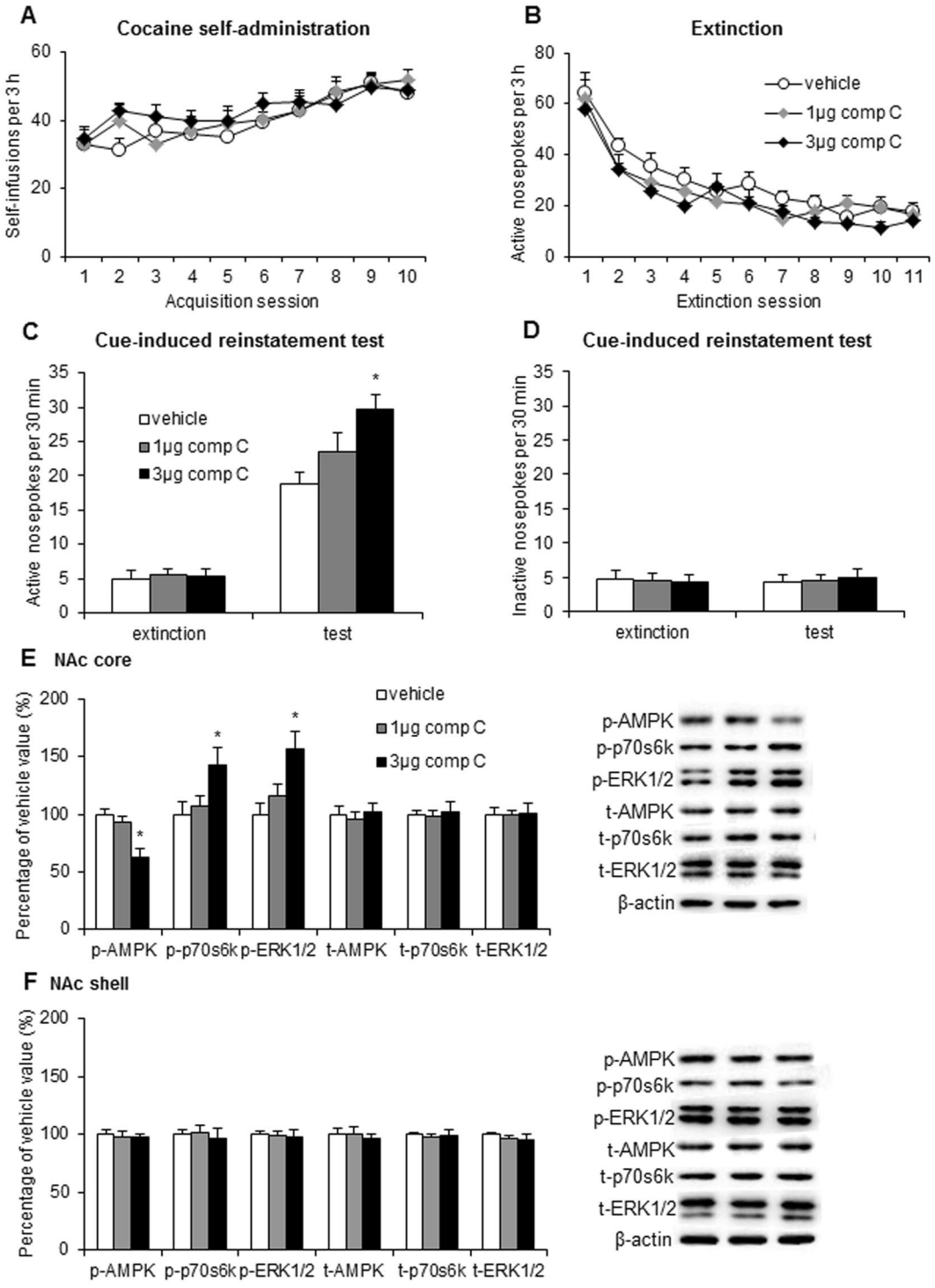
A
Cocaine self-administration
Self-infusions per 3 h
Acquisition session
B
Extinction
Active nosepokes per 3 h
vehicle
1μg comp C
3μg comp C
Extinction session
C
Cue-induced reinstatement test
Active nosepokes per 30 min
vehicle
1μg comp C
3μg comp C
extinction
test
D
Cue-induced reinstatement test
Inactive nosepokes per 30 min
extinction
test
E NAc core
Percentage of vehicle value (%)
vehicle
1μg comp C
3μg comp C
p-AMPK
p-p70s6k
p-ERK1/2
t-AMPK
t-p70s6k
t-ERK1/2
β-actin
F NAc shell
Percentage of vehicle value (%)
p-AMPK
p-p70s6k
p-ERK1/2
t-AMPK
t-p70s6k
t-ERK1/2
β-actin

Figure 3.

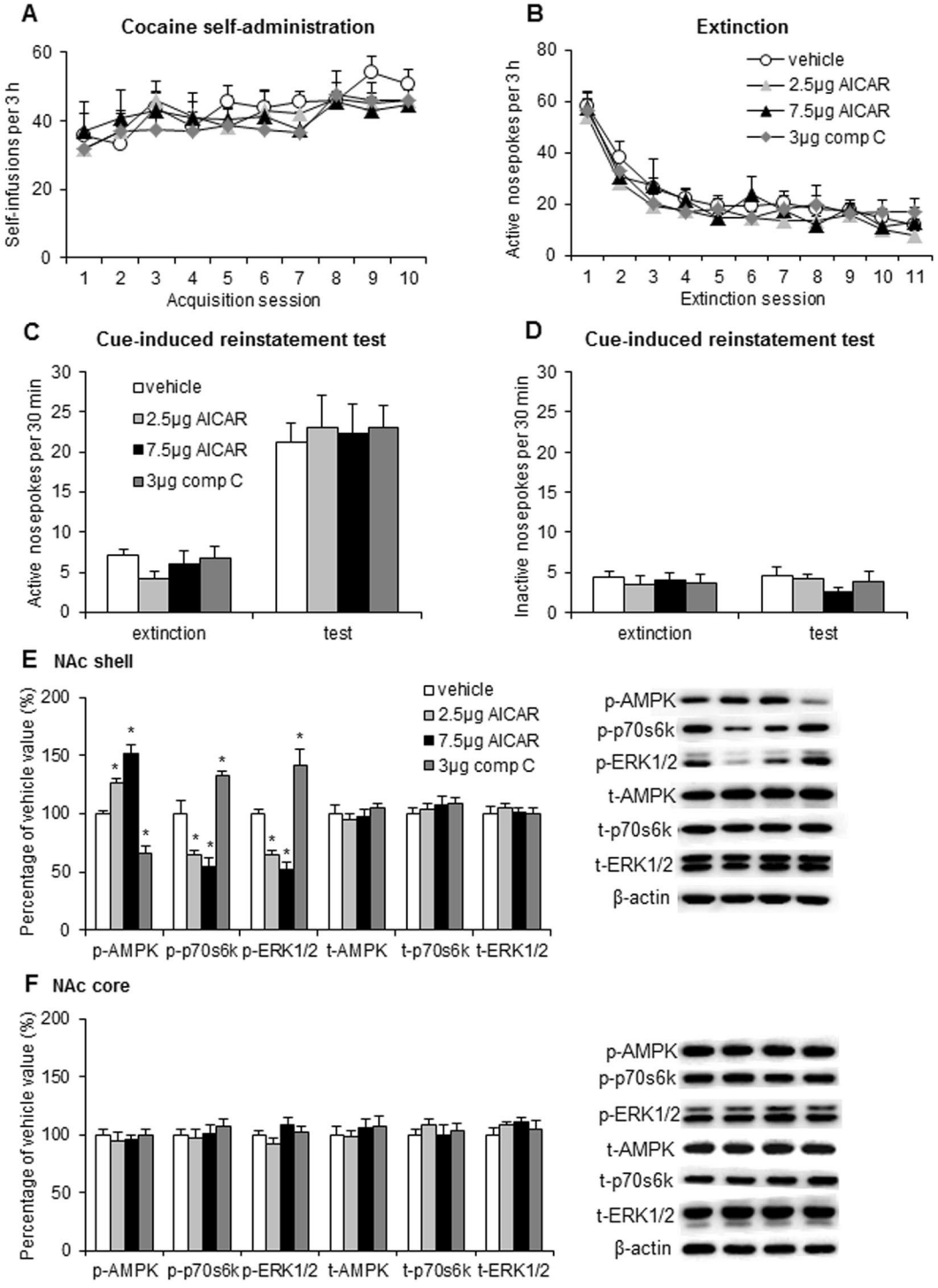

Figure 4.

For transparency, the authors now also provide images of full length membranes for samples and all replicates. These are included in the new Supplementary File. Sections of the images used in the main figures are highlighted.

These errors have now been corrected in the PDF and HTML versions of the Article. The corrections do not affect the conclusions of the Article.