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# Author Correction: Smooth muscle protein 22 $\alpha$ -Cre recombination in resting cardiac fibroblasts and hematopoietic precursors

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-022-15957-2>, published online 07 July 2022

The original version of this Article contained an error in TGF- $\beta$  units in Figure 4 (d)-(g) labels, where

“ $\mu\text{g/ml}$ ”

now reads:

“ $\text{ng/ml}$ ”

The original Figure 4 and accompanying legend appear below.

Additionally, the same error occurred in Supplementary Information Figure 2.

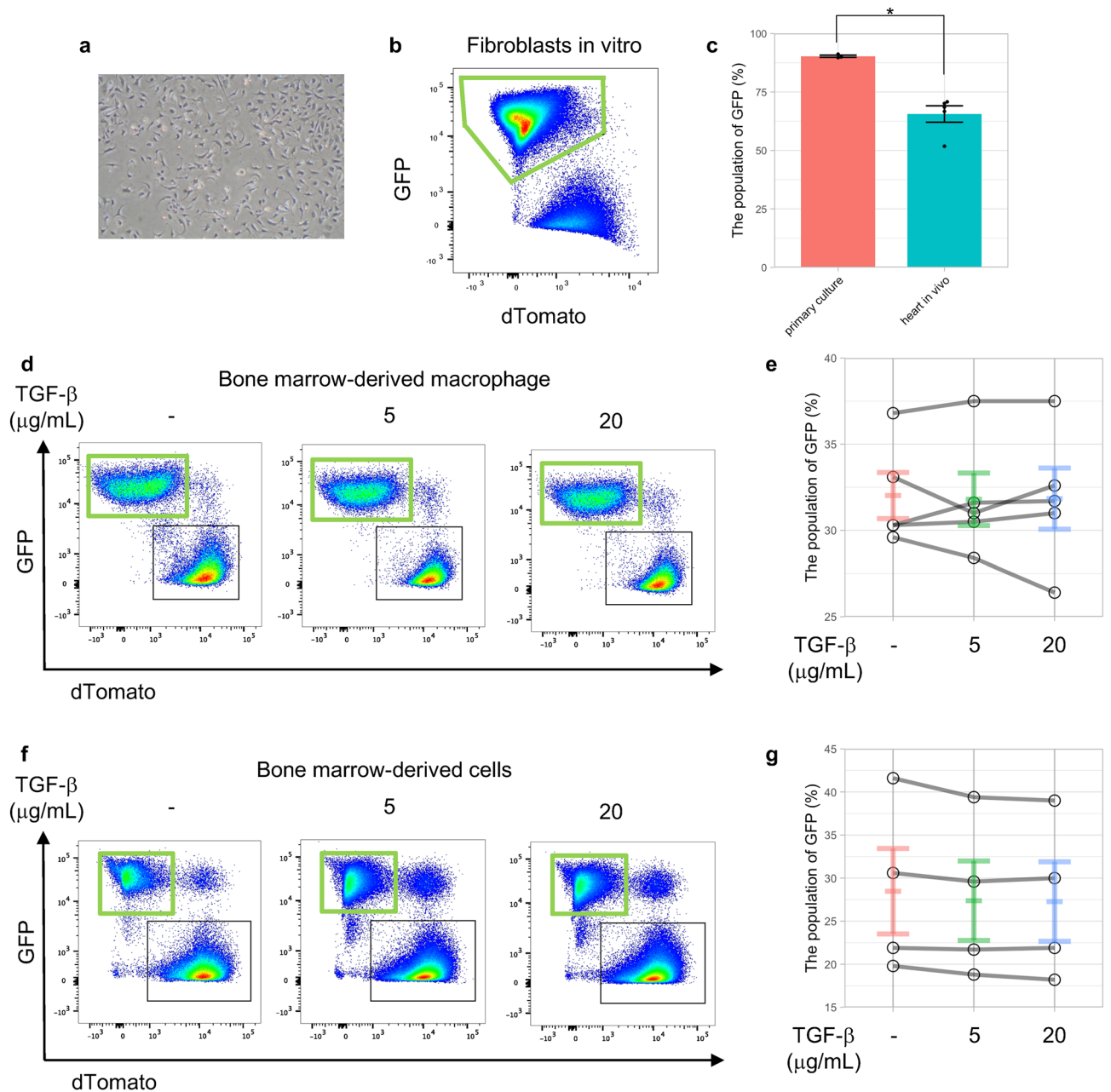
Lastly, the article omitted to mention that BMDMs were cultured under serum-free media. Consequently, in Materials and methods, under the subheading ‘Preparation of cells’,

now reads:


“For RNA analysis, cells were cultured under serum-free media (RPMI +1% Bovine serum albumin) (Merck, #A9418) during stimulation.”

The original Article and Supplementary Information file have been corrected.

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**Figure 4.** SM22 $\alpha$ -Cre recombination in vitro. **(a)** A representative bright field image of cultured fibroblasts. **(b)** GFP expression in fibroblasts in vitro. **(c)** GFP expression in fibroblasts in vitro ( $n = 3$ ) and in vivo ( $n = 5$ ). \* $p$  value  $< 0.01$ , evaluated by Student's  $t$  test. **(d)** GFP expression in BMDMs with TGF- $\beta$  stimulation. **(e)** No additional SM22 $\alpha$ -Cre recombination in BMDMs with TGF- $\beta$  stimulation, which increases SM22 $\alpha$  expression. **(f)** GFP expression in bone marrow-derived cells with TGF- $\beta$  stimulation. **(g)** No additional SM22 $\alpha$ -Cre recombination in bone marrow-derived cells during differentiation from phenotypically defined putative HSCs to macrophages with TGF- $\beta$  stimulation.

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