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# Correction to: Quantifying heterologous gene expression during ectopic MazF production in *Escherichia coli*

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## Correction to: BMC Research Notes (2022) 15:173 https://doi.org/10.1186/s13104-022-06061-9

Following the publication of the original article [1], the second panel of Fig. 1A was amended, and now shows the correct GFP fluorescence histogram (time point: after 2 h, condition: Ø Ara).

Figure 1A has been solely used to visualize the flow cytometry data, thus the Figure legend remains unchanged.

This correction does not affect any analysis included in the published article, the reported results, or the interpretation of the results.

The original article has been corrected.

The original article can be found online at https://doi.org/10.1186/s13104-022-06061-9.

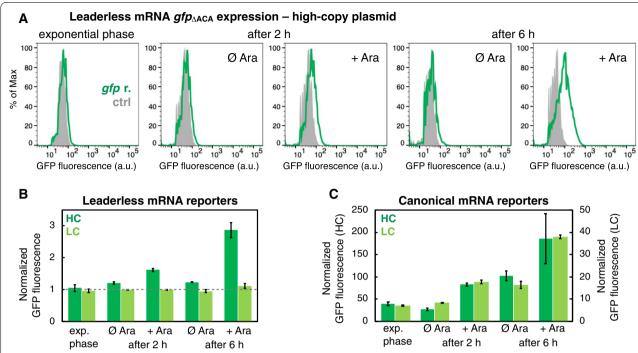
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**Fig. 1** Flow cytometry analysis of GFP fluorescence encoded by  $gfp_{\Delta ACA}$  reporters. The leaderless mRNA of the ll- $gfp_{\Delta ACA}$  reporter entirely lacks a 5′-UTR, and this reporter construct has the start sequence ATG of the  $gfp_{\Delta ACA}$  gene following directly after the promoter region [16, 20]. The canonical mRNA of the can- $gfp_{\Delta ACA}$  reporter comprises a 5′-UTR, which includes a strong ribosome binding site. **A** Green distributions depict measurements of the *E. coli* strain TB212 harboring the plasmid pBAD-mazF and the ll- $gfp_{\Delta ACA}$  reporter encoded on a high-copy plasmid. Light grey distributions depict measurements of the strain harboring only the plasmid pBAD-mazF. Here, one replicate is presented, for further results see Additional file 2. Ectopic mazF overexpression from plasmid pBAD-mazF [19] was induced by adding 0.1% Ara in the early exponential phase, at OD<sub>600</sub> = 0.18–0.22. Flow cytometry analysis was performed in the early exponential phase, and 2 h [average OD<sub>600</sub>(uninduced) = 2.45, OD<sub>600</sub>(mazF-induced) = 0.45] and 6 h after mazF overexpression [average OD<sub>600</sub>(uninduced) = 4.42, OD<sub>600</sub>(mazF-induced) = 0.80]. **B** Normalized GFP fluorescence from the ll- $gfp_{\Delta ACA}$  reporters or **C** can- $gfp_{\Delta ACA}$  reporters encoded on a high-copy (HC, dark green) or a low-copy (LC, light green) plasmid, measured in different phases of bacterial growth and after adding arabinose (Ara) to induce mazF expression (N = 3 independent replicate cultures). Altogether, the growth of mazF-induced cultures was reduced by 77–86% after 2 h, and by 71–90% after 6 h, compared to the respective uninduced controls, see Additional file 2

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