

CORRECTION

Open Access



# Correction to: An efficient system for homology-dependent targeted gene integration in medaka (*Oryzias latipes*)

Yu Murakami<sup>1</sup>, Satoshi Ansai<sup>1,2</sup>, Akari Yonemura<sup>1</sup> and Masato Kinoshita<sup>1\*</sup>

## Correction to: *Zoological Letters*

<https://doi.org/10.1186/s40851-017-0071-x>

Please note that there are two errors present in the tables of the published article [1].

Firstly, the value '3' is missing from the 5th row of the 'GFP+' column of Table 1.

Secondly, the gene sequence given for 'Candidate #28' in Additional file 6: Table S3 is incorrect. The gene sequence should be 'TCTTCGGCCTAGACTGCGAGG'.

Please find the corrected tables below for reference:

**Table 1** Comparison of integrate efficiency among each of donor plasmids

Length of homology arms	Bait sequences	Survival at 4 dpf	No GFP	GFP+	Integrate efficiency (%)
500 bp	+	70	53	17	24.3
500 bp	-	62	56	6	9.7
40 bp	+	64	61	3	4.7
20 bp	+	110	108	2	1.9

## Additional file

**Additional file 6: Table S3.** Potential off-target sites of 7 candidates of bait sequence that selected in the first screening and previously reported bait sequences. Potential off-target sites are defined as genomic sequence harboring up to 2 bp mismatches in the total 18 bp sequences and a NGG PAM. (XLSX 10 kb)

Published online: 08 July 2019

## Reference

1. Murakami, et al. An efficient system for homology dependent targeted gene integration in medaka (*Oryzias latipes*). 2017;3:10. <https://doi.org/10.1186/s40851-017-0071-x>.

## Author details

<sup>1</sup>Division of Applied Bioscience, Graduate School of Agriculture, Kyoto University, Kitashirakawa-Oiwake-cho, Sakyo-ku, Kyoto 606-8502, Japan.

<sup>2</sup>Present address: Division of Ecological Genetics, Department of Population Genetics, National Institute of Genetics, Yata 1111, Mishima, Shizuoka 411-8540, Japan.

\* Correspondence: [kinoshit@kais.kyoto-u.ac.jp](mailto:kinoshit@kais.kyoto-u.ac.jp)

<sup>1</sup>Division of Applied Bioscience, Graduate School of Agriculture, Kyoto University, Kitashirakawa-Oiwake-cho, Sakyo-ku, Kyoto 606-8502, Japan  
Full list of author information is available at the end of the article



© The Author(s). 2019 **Open Access** This article is distributed under the terms of the Creative Commons Attribution 4.0 International License (<http://creativecommons.org/licenses/by/4.0/>), which permits unrestricted use, distribution, and reproduction in any medium, provided you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The Creative Commons Public Domain Dedication waiver (<http://creativecommons.org/publicdomain/zero/1.0/>) applies to the data made available in this article, unless otherwise stated.