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CORRECTION

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Correction: Cryopreservation of vegetative cells and zygotes of the multicellular volvocine green alga *Gonium pectorale*

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Following the publication of the original paper [1], the authors spotted error in Additional file 1 (Table S3). Corrected file is captured as supplementary file of this article.

Supplementary Information

The online version contains supplementary material available at https://doi.org/10.1186/s12866-022-02539-5.

Additional file 1: Table S1. List of strains of *Gonium* used in this study. **Table S2.** Specific primers used for genomic PCR for strains of *Gonium pectorale* (Additional file 1: Table S1). **Table S3.** Recovery results of vegetative cells of *Gonium pectorale* strain NIES-4502 after possible optimal cryogenic treatments (6% DMF; Table 1) in liquid nitrogen by using a simple cryopreservation module (Thermo Scientific™ Mr. Frosty™ Freezing Container, Thermo Fisher Scientific, Waltham, MA, USA) for two-step cooling in cryopreservation. **Figure S1**. Mating type determination of four newly established strains of *Gonium pectorale* (NIES-4499–4502, Additional file 1: Table S1) by genomic PCR of mating type minus-specific minus dominance gene (*MID*) and mating type plus-specific gamete plasma membrane protein gene (*FUS1*). *Actin* is an autosomal gene (control). For primers used, see Additional file 1: Table S2. A. NIES-4499. B. NIES-4500. C. NIES-4501. D. NIES-4502. For full-length original gel images, see Additional file 1: Figure S2. **Figure S2**. Full length, unprocessed gel images of the three genes shown in Additional file 1: Figure S1. Marker 6(λ/StyI digest) marker (NIPPON GENE, Tokyo, Japan) was used as a molecular size marker (1st, 6th, 11th and 17th lanes). 2nd, 3rd, 4th and 5th lanes: A, B, C and D, respectively, of *MID* (Additional file 1: Figure S1). 7th, 8th, 9th and 10th lanes: A, B, C and D, respectively, of *Actin* (Additional file 1: Figure S1). 12th, 13th, 14th and 15th lanes: A, B, C and D, respectively, of *FUS1* (Additional file 1: Figure S1).

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