Erratum to: Diversity of methanogenic archaeal communities in Japanese paddy field ecosystem, estimated by denaturing gradient gel electrophoresis

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Page 350 and Fig. 3:

“Permafrost samples only showed the existence of *Methanocellales* (Ganzert et al. 2007).” This sentence was incorrect. The clones estimated as *Methanocellales* belonged to an unknown methanogen group. The correct sentence is “Landfill samples only showed the existence of *Methanocellales* (Mori et al. 2003).”

We have changed the symbols in Fig. 3 according to this correction.

This correction does not influence the overall conclusions of this study.

The online version of the original article can be found at <http://dx.doi.org/10.1007/s00374-009-0435-2>

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Fig. 3 Distribution maps of methanogenic archaeal clones isolated from other anaerobic environments. The principal component analysis was based on evolutionary distances of methanogenic archaeal 16S rDNA sequences (*E. coli* position, 358-690); the PC1 and PC2 components of the principal component analysis indicate first and second principal

components, respectively. Their respective contributing percentages are between brackets. Grey triangles indicate the clones obtained from the paddy field ecosystems; Red circle, *Methanobacteriales*; green triangle, *Methanomicrobiales*; blue triangle, *Methanosarcinales*; dark blue circle, unknown methanogen