

**CORRECTION**

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# Correction: Cell death upon epigenetic genome methylation: a novel function of methyl-specific deoxyribonucleases

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## Correction

We have noticed an error in the sixth paragraph of the *Discussion* of our article [1]. The corrected paragraph should read:

Another type IV nuclease, GmrSD, found in an *E. coli* strain targets glucosylated hydroxymethyl-C and may have evolved to cut T4 genome [78]. The resistance of hydroxymethyl-C-containing phage to restriction enzymes but its sensitivity to McrBC [79], the resistance of glucosylated hydroxymethyl-C to McrBC but sensitivity to GmrSD [78], and inhibition of GmrSD by T4-coded internal protein [78] suggest an evolutionary arms race (evolutionary struggle between competing sets of co-evolving genes that develop adaptations and counter-adaptations against each other) between the bacteria and the phage.

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## Reference

1. Fukuda E, Kaminska KH, Bujnicki JM, Kobayashi I: Cell death upon epigenetic genome methylation: a novel function of methyl-specific deoxyribonucleases. *Genome Biology* 2008, **9**:R163.

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