Retraction

Cyclic di-GMP: a second messenger required for long-term survival, but not for biofilm formation, in *Mycobacterium smegmatis*

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Microbiology (2008), **154**, part 10, 2942–2955. doi:10.1099/mic.0.2008/017806-0

The authors of this paper would like to retract this article. The last lane of Fig. 3(a), where the positive control is shown, is not a faithful reproduction of the original result and was modified prior to publication. The correct representation of the lane was shown in Fig. 9(b), lane 3. The first author takes sole responsibility for this misrepresentation. Both authors would like to apologize to the readers, reviewers and editors of *Microbiology* for this error.