

**CORRECTION**

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# Correction: Structure and dynamics of the pan-genome of *Streptococcus pneumoniae* and closely related species

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After publication of this Research [1], we noted that there is a misspelling in the name of Mogens Killian. Furthermore, we noted errors to Additional File 1, Table S1. For the strain *S. pneumoniae* AP200, the 'Location of isolation' should be 'Italy' rather than 'University of Siena'. Also, in the Acknowledgements, we should have thanked all the AP200 genome project participants for providing early access to the AP200 genome sequences rather than Annalisa Pantosti only. The AP200 genome project was supported by a grant from the Italian Ministry of Research (FIRB 2005-RBLA054453).

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## Reference

1. Claudio Donati, Luisa Hiller N, Hervé Tettelin, Alessandro Muzzi, Croucher JNicholas, Angiuoli VSamuel, Marco Oggioni, Dunning Hotopp CJJulie, Hu ZFen, Riley RDavid, Antonello Covacci, Mitchell JTim, Bentley DStephen, Mogens Kilian, Ehrlich DGarth, Rino Rappuoli, Richard EMoxon, Vega Masignani: Structure and dynamics of the pan-genome of *Streptococcus pneumoniae* and closely related species. *Genome Biology* 2010, **11**:R107.

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