



## Author Correction: Genomes of all known members of a *Plasmodium* subgenus reveal paths to virulent human malaria

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Correction to *Nature Microbiology* <https://doi.org/10.1038/s41564-018-0162-2>, published 21 May 2018.

In the version of this Article originally published, the reference genome assembly for *Plasmodium billcollinsi* included an error that affected four small regions. The authors' workflow for producing assemblies included a correction step in which reads from the original sample (containing one or more species) were aligned to the assembly. In this particular assembly—originating from a mixed *Plasmodium gaboni*/*P. billcollinsi* infection—reads from *P. gaboni* were more abundant than *P. billcollinsi*, but at most sites could be filtered by mapping to the *P. gaboni* co-infection. For the sites in question, there were gaps in the *P. gaboni* assembly and the more numerous *P. gaboni* reads were therefore erroneously used to morph the *P. billcollinsi* reference at these points. In subsequent analyses, the authors misinterpreted these four instances as introgression from the *P. gaboni* lineage into *P. billcollinsi*. Other analyses involving the four genes present in these regions (*PBILG01\_0522300*, *PBILG01\_0613600*, *PBILG01\_1327900* and *PBILG01\_1328500*) should also be regarded as incorrect for *P. billcollinsi*. The *P. billcollinsi* reference assembly has now been corrected and can be accessed using the NCBI accession number [GCA\\_900257145.2](https://www.ncbi.nlm.nih.gov/nuccore/GCA_900257145.2). The authors have competitively mapped the original reads against *P. gaboni* and *P. billcollinsi* and have found no further regions where *P. gaboni* preferentially map to the *P. billcollinsi* reference.

Furthermore, in the '*P. falciparum*-specific evolution' section of the main text, the sentence 'Two genes (*rop14* and *PF3D7\_0609900*) were significant in both tests.' has been removed, as the results in Supplementary Table 4 represent the authors' raw analysis and were not corrected for multiple comparisons. The word 'significant' has also been removed from the sentence beginning 'Other genes, expressed in...' in the same paragraph.

The authors thank L. Plenderleith and P. Sharp for their comments and for identifying the misassembly that allowed the authors to correct some errors in their interpretation of the data.

Published online: 14 August 2020

<https://doi.org/10.1038/s41564-020-0787-9>

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