Erratum

Cellular pathways controlling integron cassette site folding

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Owing to a typesetting error, Figures 3C and 7B of the above article were published incorrectly.

The correct figures are reproduced here.

The publisher apologizes for this error and any inconvenience it may have caused.

Figure 7 Influence of superhelicity on *attC* folding. (A) Mapping of S1 nuclease-sensitive sites of topoisomers products. Plasmid topological status is indicated by: sc, supercoiled and rc, relaxed by topoisomerase I treatment. The estimated band sizes for the extrusion of *attC_{aadA7}* and *VCR_{2/1}* in the pSW plasmid are given in Figure 5B. Kb, marker DNA. (B) Effect of topoisomerase I activity on the recombination frequency of the *attC_{aadA7}* site in 'non-replicative' recombination assay. The assay was performed in two genetic backgrounds, wild type (WT) and *topA10 gyrB266* (topgyr, topoisomerase I and DNA gyrase-deficient strain) and using supercoiled and relaxed *attC*-containing plasmids.

Figure 3 Influence of processes delivering single-stranded DNA on *attC* recombination. (A) Recombination frequencies of the different *attC* sites in the 'suicide-conjugation' assay as a function of their probability to fold a recombinogenic *attC* site (see Additional materials: suicide-conjugation assay). The UNAFOLD software was used (see Additional materials). (B) Recombination frequencies of four natural *attC* sites after conjugation in either a replication permissive *pir+* or non-permissive *pir-* recipient (see Additional materials: suicide-conjugation assay). Black and white columns correspond, respectively, to the recombination frequencies established when the bottom strand (bs) or the top strand (ts) is injected by conjugation. (C) Recombination frequencies of the *VCR_{2/1}* and *attC_{aadA7}* when the recombinogenic bs is carried on the lagging (lag) or leading (lead) strand of the replicating molecule (see Materials and methods: recombination assay with unidirectional-replicative substrate). Error bars show s.d.