Erratum

Co-regulation of β-lactam resistance, alginate production and quorum sensing in *Pseudomonas aeruginosa*

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Journal of Medical Microbiology (2011), **60**, part 2, 147–156. doi:10.1099/jmm.0.48605-0

The legend and labels for Fig. 1 on page 151 are incorrect. The last line of the legend should read one milliunit (mU) of β-lactamase is defined as 1 nmol nitrocefin hydrolysed min^{-1} (μg protein)$^{-1}$, not one Miller unit of β-lactamase is defined as 1 nmol nitrocefin hydrolysed min^{-1} (μg protein)$^{-1}$. The *y*-axis of Fig. 1 should be labelled β-lactamase activity (mU), not β-lactamase activity (Miller units).

The labels for Fig. 2 on page 151 are incorrect. The *y*-axis of Fig. 2 should be labelled β-galactosidase activity (Miller units), not β-lactamase activity (Miller units).

The labels for Fig. 3 on page 152 are incorrect. The *y*-axis of Fig. 3 should be labelled β-galactosidase activity (Miller units), not β-lactamase activity (Miller units). The correct figures are reproduced below.

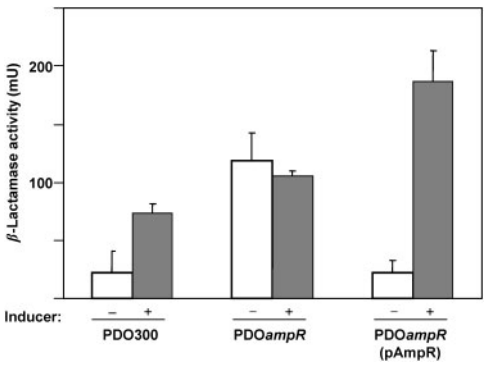

Fig. 1. β-Lactamase expression in the Alg$^+$ PDO*ampR* mutant. Assays were performed using the parent strain Alg$^+$ PDO300, the mutant Alg$^+$ PDO*ampR* and Alg$^+$ PDO*ampR* (pAmpR) in the absence (–) and presence (+) of an inducer. The plasmid pAmpR carries the wild-type *ampR* gene on a broad-host-range low-copy-number plasmid pME6030 (Heeb *et al.*, 2000). Fresh cultures of OD_{600} 0.6–0.8 were induced with 100 μg benzylpenicillin ml^{-1} for 3 h before harvesting. Assays were performed on sonicated lysate using nitrocefin as a chromogenic substrate. Assays were performed in triplicate. One milliunit (mU) of β-lactamase is defined as 1 nmol nitrocefin hydrolysed min^{-1} (μg protein)$^{-1}$.

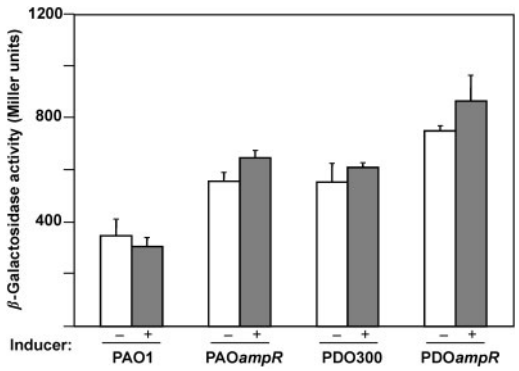

Fig. 2. The effects of the *ampR* mutation on *algT/U* transcription. The promoter fusion $P_{algT/U}$-*lacZ* was introduced into Alg$^-$ PAO1, Alg$^-$ PAO*ampR*, Alg$^+$ PDO300 and Alg$^+$ PDO*ampR*. Induction was carried out using 500 μg benzylpenicillin ml^{-1} and the β-galactosidase activity was determined in Miller units after 30 min incubation. The basal level of expression was detected in the promoterless *lacZ* vector, pLP170.

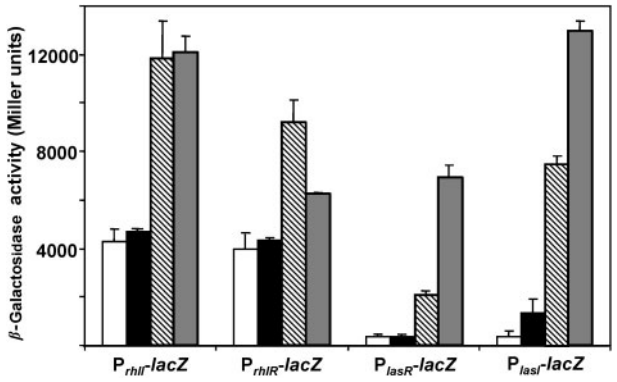

Fig. 3. The effects of the *ampR* mutation on QS *las* and *rhl* gene transcription. The alteration in the transcription of the QS systems in Alg$^-$ PAO1 (hatched bars), Alg$^-$ PAO*ampR* (grey bars), Alg$^+$ PDO300 (white bars) and Alg$^+$ PDO*ampR* (black bars) was monitored using four transcriptional fusions, P_{lasI}-*lacZ*, P_{lasR}-*lacZ*, P_{rhlI}-*lacZ* and P_{rhlR}-*lacZ*. The promoterless *lacZ* vector has a low basal level of activity of $<$20 Miller units.