CORRECTION

Correction: Homogentisate 1-2-Dioxygenase Downregulation in the Chronic Persistence of *Pseudomonas aeruginosa* Australian Epidemic Strain-1 in the CF Lung

The PLOS ONE Staff

The image for [Fig 3](#) is incorrect. The publisher apologizes for the error. Please see the corrected [Fig 3](#) here.

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Fig 3. Mouse TNF-α response to lung infection with AES-1R, AES-1M, PA14 and PA14ΔhmgA, and neutrophil populations in PA14 and PA14ΔhmgA-infected mice. The TNF-α profile of *P. aeruginosa*-infected mice was determined in lung homogenates at 3-, 24- and 72-hrs post-infection by ELISA. A. AES-1M elicited a rapid and significantly greater TNF-α response compared to AES-1R at 3 and 24-hr, and both responses were still at >400pg/ml at 72hr despite the absence of bacteria in lungs. B. Both PA14 and PA14ΔhmgA elicited a rapid TNF-α response compared to control uninfected mice by three hrs post-infection however there was no significant difference between them. The significances of differences between strains were determined by ANOVA

* $p < 0.0001$ vs. AES-1R. C. Mice were infected with 10^6 CFU of either wildtype PA14 or PA14 $\Delta hmgA$ and lungs were harvested at 72-hrs post-infection. Single cells suspensions were stained and analysed by FACS. Neutrophil populations were identified based on their CD11b⁺Ly6G⁺ phenotype. Total cell numbers in the lung were determined based on the number of stained cells. Infection with PA14 $\Delta hmgA$ was marked by a significant increase in the number of neutrophils in the lung compared to mice infected with PA14. The significances of differences between strains were determined by ANOVA * $p < 0.05$ vs. PA14 WT.

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Reference

1. Harmer CJ, Wynn M, Pinto R, Cordwell S, Rose BR, Harbour C, et al. (2015) Homogentisate 1-2-Dioxygenase Downregulation in the Chronic Persistence of *Pseudomonas aeruginosa* Australian Epidemic Strain-1 in the CF Lung. PLoS ONE 10(8): e0134229. doi: [10.1371/journal.pone.0134229](https://doi.org/10.1371/journal.pone.0134229) PMID: [26252386](https://pubmed.ncbi.nlm.nih.gov/26252386/)