

CORRECTION

# Correction: Caspase-1-Like Regulation of the proPO-System and Role of ppA and Caspase-1-Like Cleaved Peptides from proPO in Innate Immunity

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The authors would like to correct [Fig 5](#). In [Fig 5B](#), the proPO-casp1 and Tris-HCL result was mistakenly duplicated, and in the corrected figure new correct panels are mounted for proPO-casp1 and Tris-HCL.

The authors confirm that these changes do not alter their findings. The authors have provided raw, uncropped photos with indications of the cropped area for each treatment as Supporting Information.

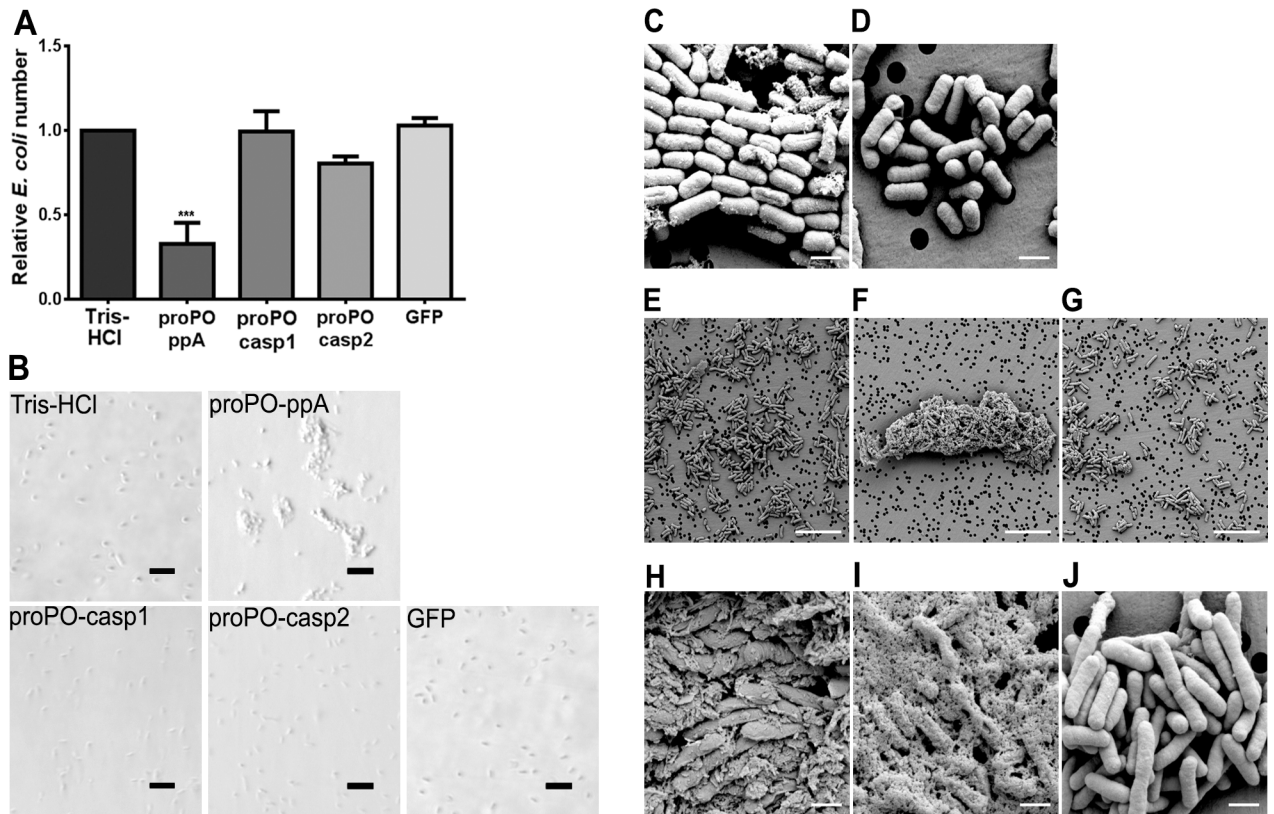


## OPEN ACCESS

**Citation:** Jearaphunt M, Noonin C, Jiravanichpaisal P, Nakamura S, Tassanakajon A, Söderhäll I, et al. (2016) Correction: Caspase-1-Like Regulation of the proPO-System and Role of ppA and Caspase-1-Like Cleaved Peptides from proPO in Innate Immunity. *PLoS Pathog* 12(5): e1005665. doi:10.1371/journal.ppat.1005665

**Published:** May 20, 2016

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**Fig 5. Antibacterial activity and agglutination.** The number of *E. coli* after *in vitro* incubation with recombinant proPO fragments or GFP as a control, compared with a buffer control (A), was determined. All experiments were repeated at least three times (N = 3). Each bar represents the mean  $\pm$  SEM, and \*\*\*  $P < 0.001$  indicates significant differences between the treatment and Tris-HCl. The data were analyzed by one-way ANOVA. *E. coli* observed by light microscopy after treatment with the recombinant fragments. The scale bars represent 10  $\mu$ m (B). Changes in bacterial morphology after treatment with the proPO-ppA fragment as observed by SEM (C–J). After 15 min of incubation with proPO-ppA (C) or GFP (D), cell wall disruption started to appear and is reflected by longitudinal lines (black arrows in C) in the proPO-ppA treatment. The scale bars represent 1  $\mu$ m. After 40 min of incubation with Tris-HCl (E), proPO-ppA (F), and GFP (G), agglutination was clearly observed in the proPO-ppA samples. The scale bars represent 10  $\mu$ m. The *E. coli* cells were clearly distorted after proPO-ppA treatment (H–I) in contrast to the GFP treatment (J). The pictures shown in (H) and (I) were taken from different areas. The scale bars represent 1  $\mu$ m.

doi:10.1371/journal.ppat.1005665.g001

## Supporting Information

**S1 File. Uncropped images.** The uncropped images of *E. coli* agglutination after incubation with Tris-HCl, proPO-ppA fragment, proPO-casp1 fragment, proPO-casp2 fragment, and GFP as indicated. The cropped areas used for Fig 5B are indicated with red lines. (ZIPX)

## Reference

1. Jearaphunt M, Noonin C, Jiravanichpaisal P, Nakamura S, Tassanakajon A, Söderhäll I, et al. (2014) Caspase-1-Like Regulation of the proPO-System and Role of ppA and Caspase-1-Like Cleaved Peptides from proPO in Innate Immunity. *PLoS Pathog* 10(4): e1004059. doi: [10.1371/journal.ppat.1004059](https://doi.org/10.1371/journal.ppat.1004059) PMID: [24722332](https://pubmed.ncbi.nlm.nih.gov/24722332/)