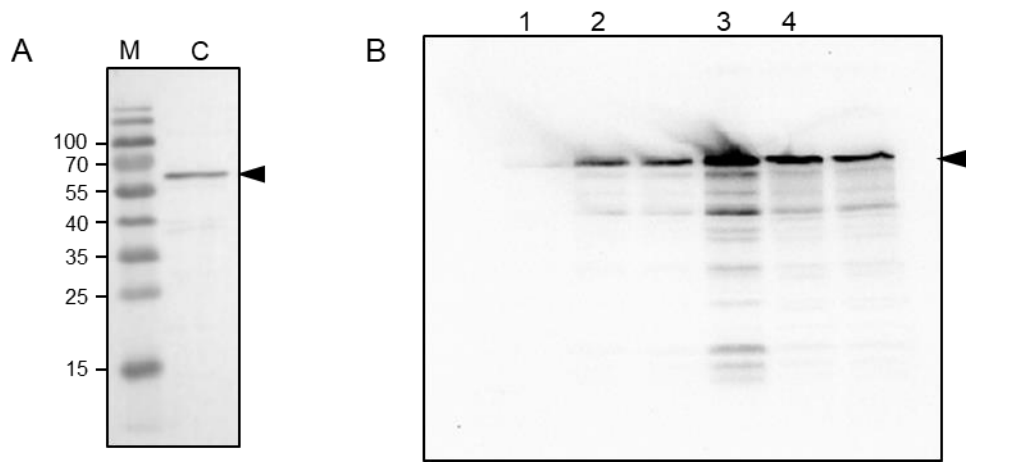


Figure S12. Compendium of uncropped images used to generate Figures 1-6 and Figure S11.

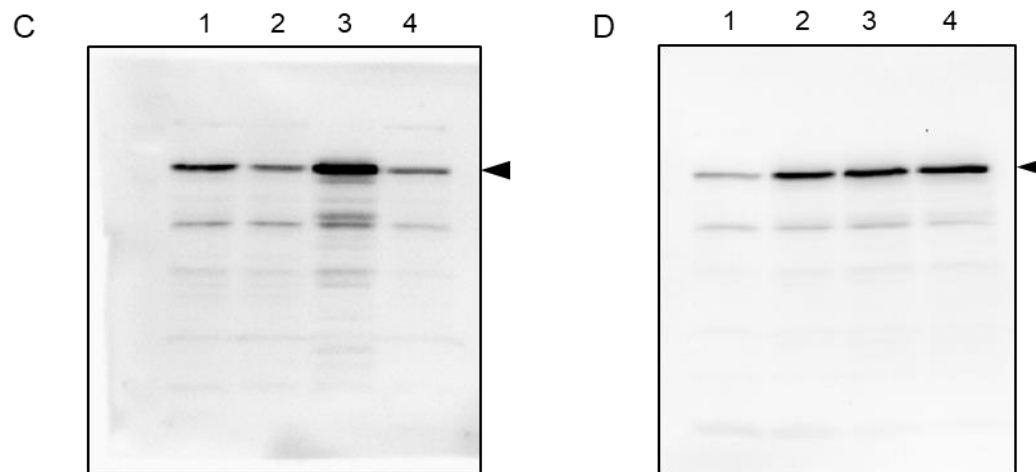
- Images Figure 1 (HilA-3xFLAG immunodetection)

A. Merged image of the white light caption for detection of the molecular mass marker and the chemiluminiscence detected bands during immunodetection of HilA-3xFLAG in WT whole cell extract (OD 2.0). B. Uncropped image of the Western blot shown in Fig. 1 panel B. C. Uncropped image of the Western blot shown in Fig. 1 panel C.). D. Uncropped image of the Western blot shown in Fig. 1 panel D. An arrowhead indicate the band corresponding to SopE.



M: molecular mass marker (kDa)
 C (control): whole cell extracts of WT strain OD 2.0

1: WT whole cell extract, OD 0.4
 2: Δcrp whole cell extract, OD 0.4
 3: WT whole cell extract, OD 2.0
 4: Δcrp whole cell extract, OD 2.0

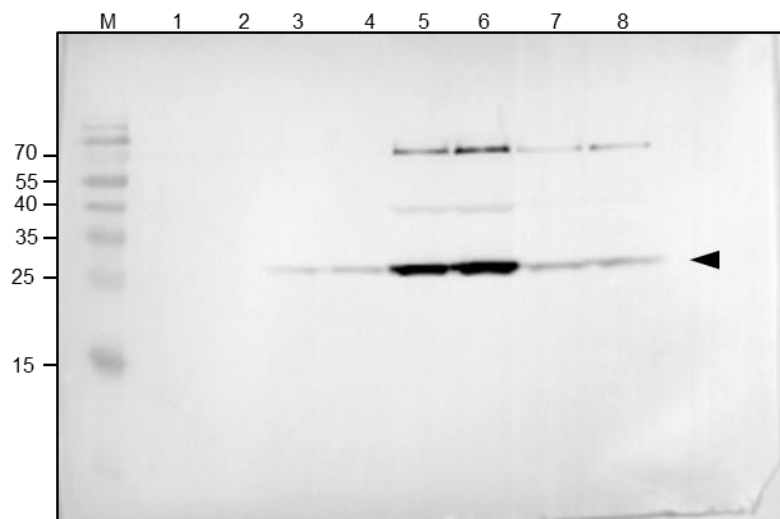


1: WT whole cell extract (- cAMP)
 2: WT whole cell extract (+ cAMP)
 3: Δcrp whole cell extract (- cAMP)
 4: Δcrp whole cell extract (+ cAMP)

1: WT whole cell extract (- O/E CpdA)
 2: WT whole cell extract (+ O/E CpdA)
 3: Δcrp whole cell extract (- O/E CpdA)
 4: Δcrp whole cell extract (+ O/E CpdA)

- **Image Figure 2 A (SopE immunodetection)**

Merged image of the white light caption for detection of the molecular mass marker and the chemiluminescence detected bands (uncropped Western image shown in Fig. 2 panel A). An arrowhead indicate the band corresponding to SopE.

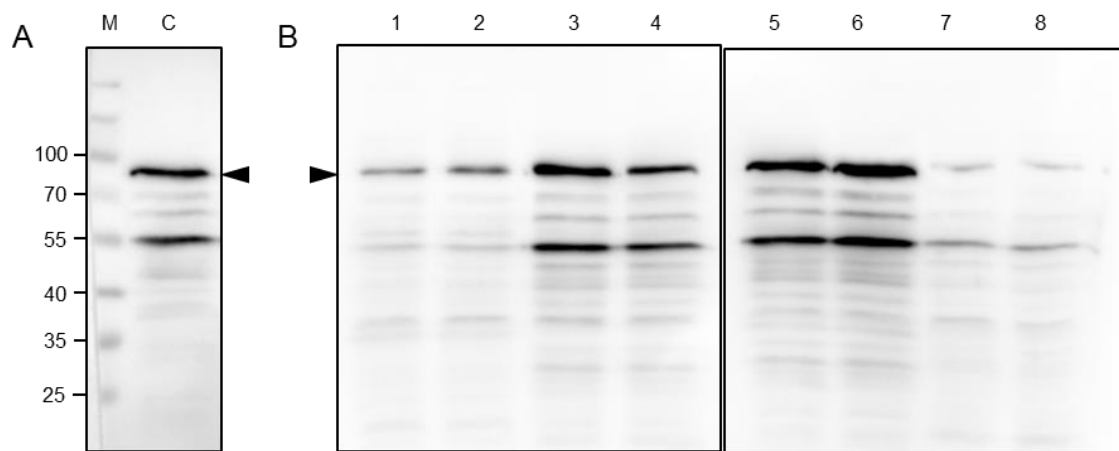


M: molecular mass marker (kDa)
1, 2: WT secreted protein extract, OD 0.4
3, 4: Δcrp secreted protein extract, OD 0.4
5, 6: WT secreted protein extract, OD 2.0
7, 8: Δcrp secreted protein extract, OD 2.0

- **Image Figure 2 B (SipA-3xFLAG immunodetection)**

A. Merged image of the white light caption for detection of the molecular mass marker and the chemiluminescence detected bands during immunodetection of SipA-3xFLAG in WT whole cell extract (OD 2.0).

B. Uncropped image of the Western blot shown in Fig. 2 panel B.



M: molecular mass marker (kDa)

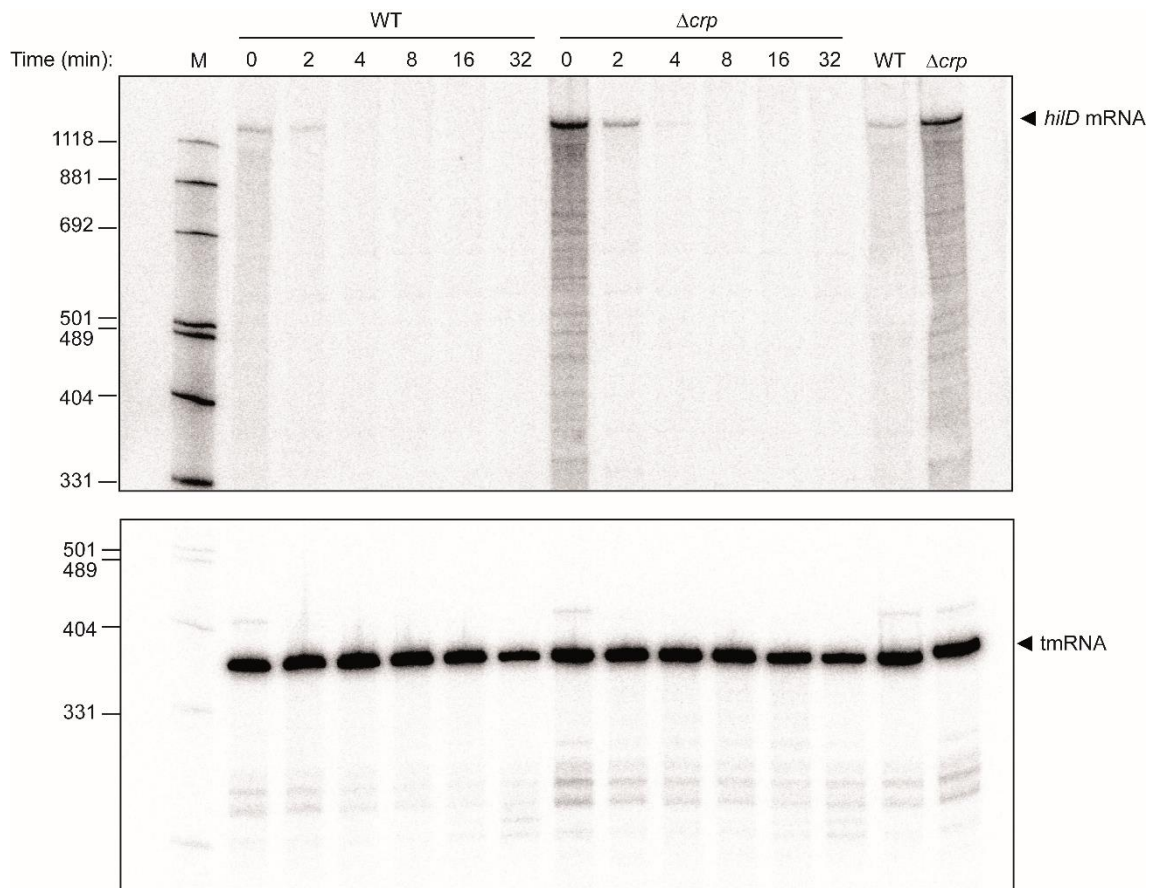
1, 2: WT secreted protein extract, OD 0.4

3, 4: Δcrp secreted protein extract, OD 0.4

5, 6: WT secreted protein extract, OD 2.0

7, 8: Δcrp secreted protein extract, OD 2.0

- **Image Figure 3 D and Fig. S11**



Northern blots to detect *hilD* mRNA (upper panel) and tmRNA (lower panel).

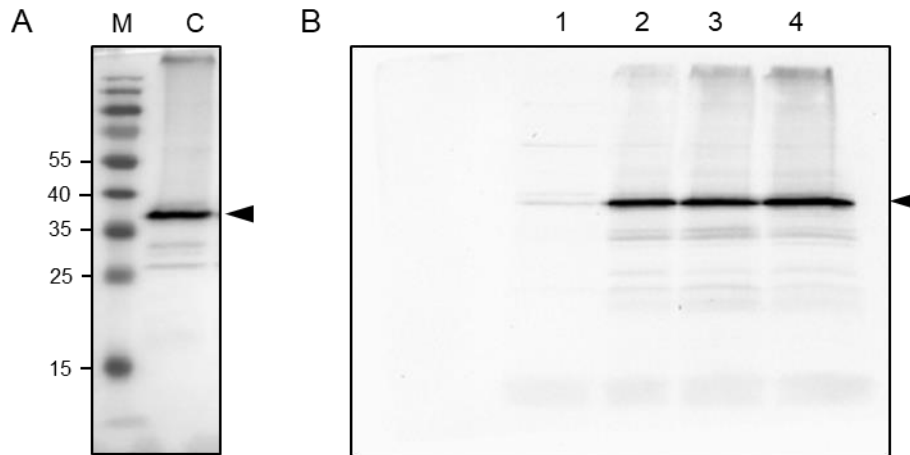
M: molecular mass marker indicated, sizes in nucleotides.

Lanes 2-13, used to generate Figure S11. Last two lanes used to generate panel Figure 3D.

- **Image Figure 4 B (HiID-3xFLAG immunodetection)**

A. Merged image of the white light caption for detection of the molecular mass marker and the chemiluminiscence detected bands during immunodetection of HiID-3xFLAG in WT whole cell extract (-UTR).

B. Uncropped image of the Western blot shown in Fig. 4 panel B.

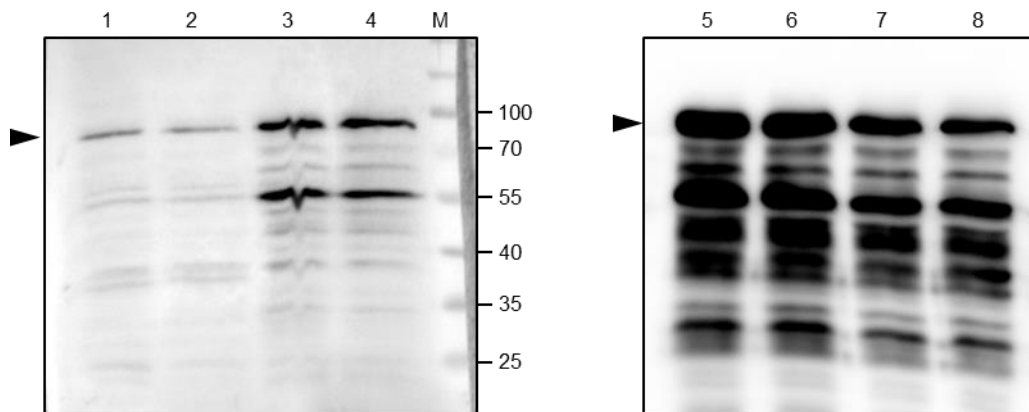


M: molecular mass marker (kDa)
C (control): Wt whole cell extract (-UTR)

1: Wt whole cell extract (+UTR)
2: Δcrp whole cell extract (+UTR)
3: Wt whole cell extract (-UTR)
4: Δcrp whole cell extract (-UTR)

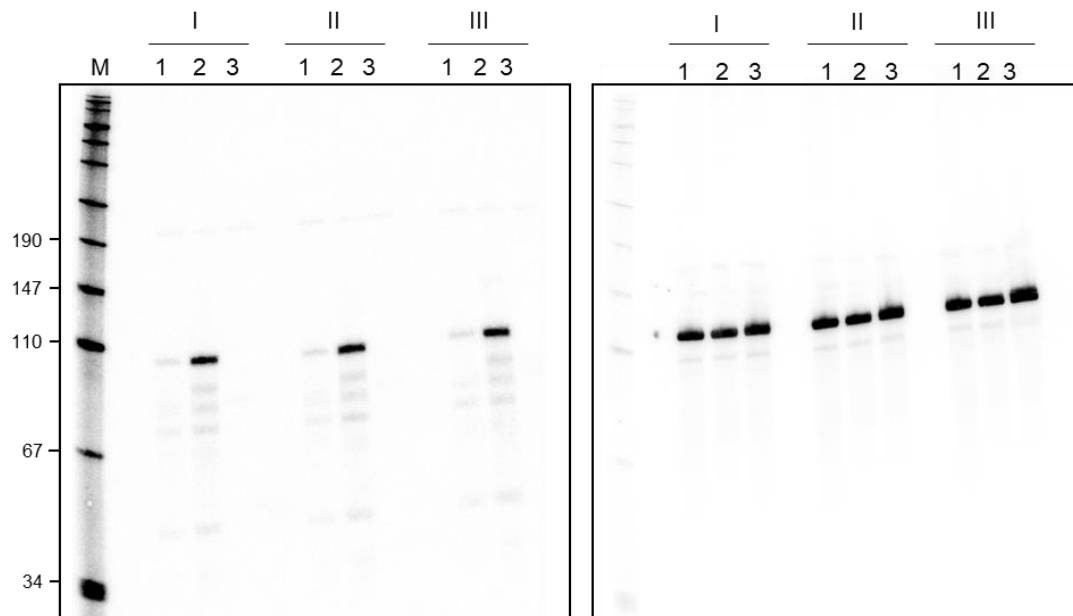
- **Image Figure 4 C (SipA-3xFLAG immunodetection)**

Uncropped images of the Western blots shown in Fig. 4 panel C. The left image is a merged image of the white light caption for detection of the molecular mass marker and the chemiluminiscence detected bands during immunodetection of SipA-3xFLAG.



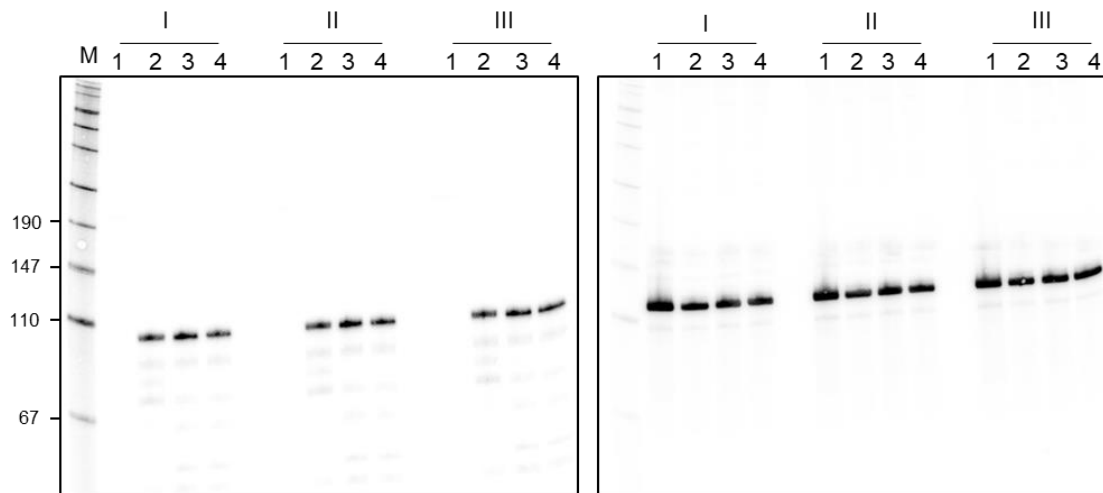
- 1, 2: Wt whole cell extract (+UTR)
- 3, 4: Δcrp whole cell extract (+UTR)
- M: molecular mass marker (kDa)
- 5, 6: Wt whole cell extract (-UTR)
- 7, 8: Δcrp whole cell extract (-UTR)

- **Images Figure 5 C (Northern Spot42 detection)**



Northern blot analysis for Spot 42 sRNA (left panel) and 5S rRNA (right panel). Total RNA samples were extracted from cultures of the wild-type (1), Δcrp (2) and Δspf (3) strain grown in LB at 37°C up to an OD_{600nm} of 0.4. 5S rRNA served as loading control. Samples from three independent cultures were obtained (I, II and III). M: molecular size marker in (nt).

- **Images Figure 6 Panel D (Northern Spot 42 detection)**



Northern blot analysis for Spot 42 sRNA (left panel) and 5S rRNA (right panel). Total RNA samples were extracted from cultures of the Δspf strain carrying the control vector pBRplacVC (1) or derivatives to over-express Spot 42 (2), Spot42^{mut1} (3) and Spot 42^{mut2} (4). Strains were grown in LB at 37°C up to an OD_{600nm} of 0.4. Samples from three independent cultures were obtained (I, II and III). M: molecular size marker in (nt).