Supplemental Figure 1: Manuscript III

Marion Jetter, Nicolas Blöchliger, Michael Hombach* Institute of Medical Microbiology, University of Zurich, Gloriastrasse 30/32, 8006 Zürich, Switzerland

18/11/2016

Contents

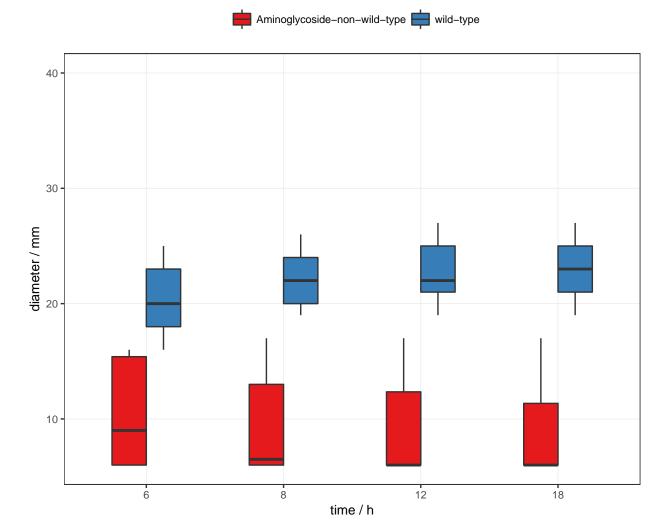
1	Amikacine 1.1 Amikacine, A. baumanii	3 4
2	Ampicilline2.1 Ampicilline, E. faecalis2.2 Ampicilline, E. faecium	5 6
3	Cefepime 3.1 Cefepime, P. aeruginosa	7
4	Ceftazidime 4.1 Ceftazidime, P. aeruginosa	8
5	Ciprofloxacine 5.1 Ciprofloxacine, A. baumanii 5.2 Ciprofloxacine, P. aeruginosa	9 10
6	6.1 Gentamicine, A. baumanii	11 12 13
7	7.1 Imipeneme, <i>A. baumanii</i>	1 5 15 16
8	8.1 Levofloxacine, A. baumanii	17 17 18
9	9.1 Meropeneme, A. baumanii	19 19 20
10	10.1 Norfloxacine, E. faecalis	21 21 22
11	1 /	23 23

12	Tobramycine	2
	12.1 Tobramycine, A. baumanii	2
	12.2 Tobramycine, <i>P. aeruginosa</i>	2
13	Vancomycine	2
	13.1 Vancomycine, E. faecalis	2
	13.2 Vancomycine, E. faecium	2
14	Auxiliary figure for Tab. 2 (main text)	2

1 Amikacine

1.1 Amikacine, A. baumanii

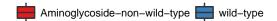
phenotype	n
Aminoglycoside-non-wild-type	34
wild-type	124

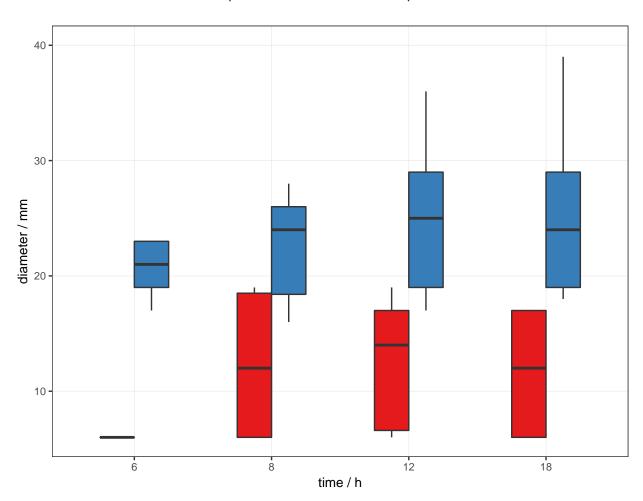


Caption or footnote for Amikacine / A. baumanii, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

1.2 Amikacine, P. aeruginosa

phenotype	n
Aminoglycoside-non-wild-type	30
wild-type	265





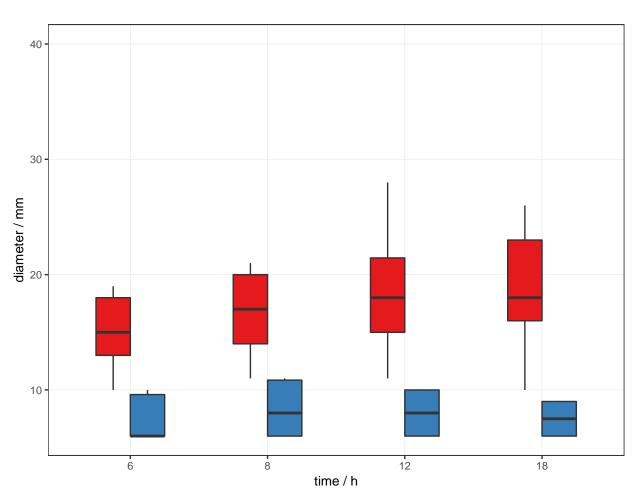
Caption or footnote for Amikacine / P. aeruginosa, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

2 Ampicilline

2.1 Ampicilline, E. faecalis

phenotype	n
wild-type	133
beta-Lactamase-non-wild-type	4

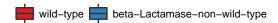


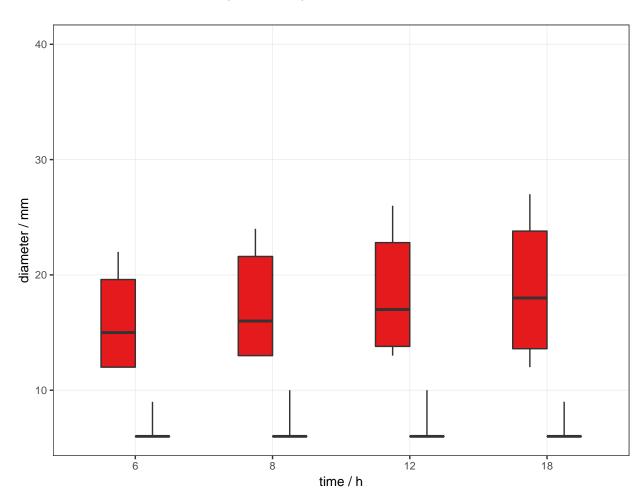


Caption or footnote for Ampicilline / E. faecalis, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

2.2 Ampicilline, E. faecium

phenotype	n
wild-type	17
beta-Lactamase-non-wild-type	210



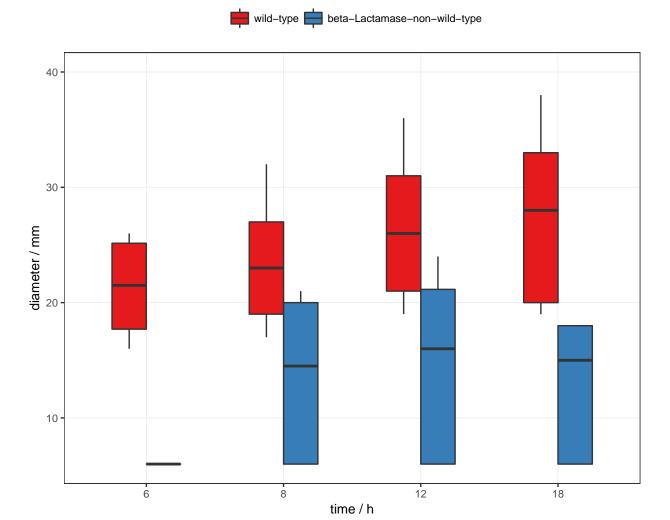


Caption or footnote for Ampicilline / E. faecium, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

3 Cefepime

3.1 Cefepime, P. aeruginosa

phenotype	n
wild-type	254
beta-Lactamase-non-wild-type	41



Caption or footnote for Cefepime / P. aeruginosa, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

Ceftazidime 4

Ceftazidime, P. aeruginosa 4.1

phenotype	n
wild-type	248
$beta\hbox{-}Lactamase\hbox{-}non\hbox{-}wild\hbox{-}type$	47



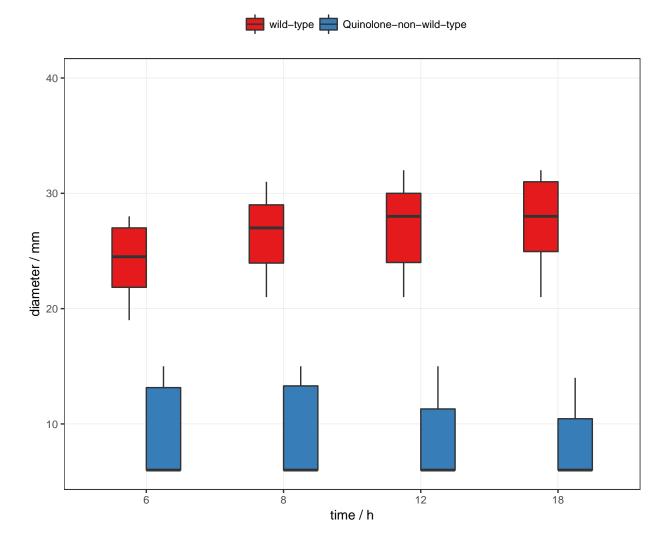
40 30 diameter / mm 10 8 12 6 18 time / h

Caption or footnote for Ceftazidime / P. aeruginosa, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

5 Ciprofloxacine

$5.1 \quad \hbox{Ciprofloxacine, A. } baumanii$

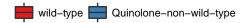
phenotype	n
wild-type	120
Quinolone-non-wild-type	38

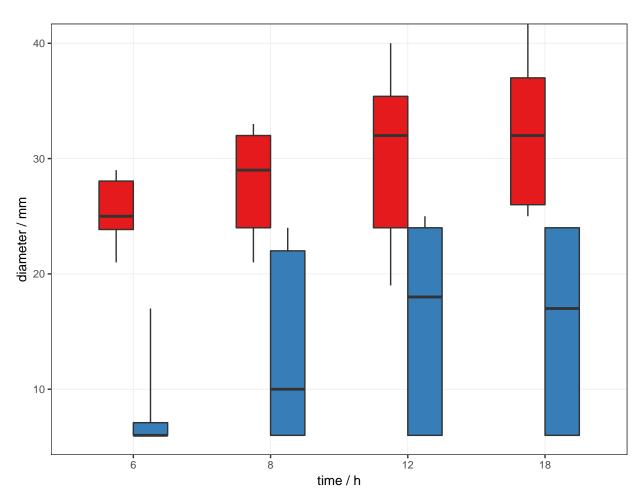


Caption or footnote for Ciprofloxacine / A. baumanii, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

5.2 Ciprofloxacine, P. aeruginosa

phenotype	n
wild-type	202
Quinolone-non-wild-type	93



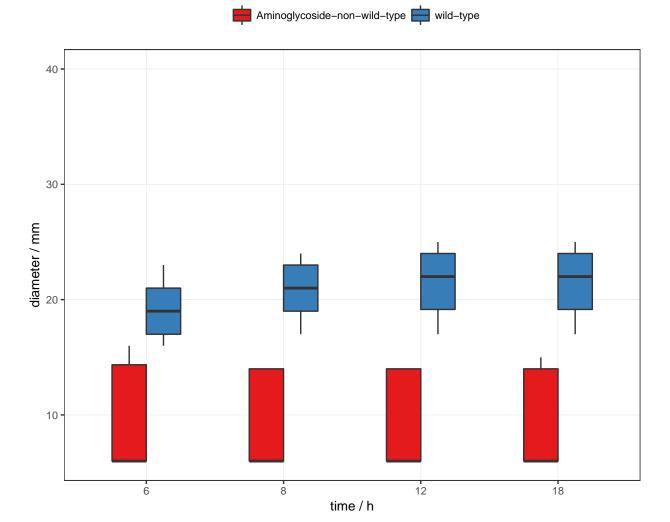


Caption or footnote for Ciprofloxacine / P. aeruginosa, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

6 Gentamicine

6.1 Gentamicine, A. baumanii

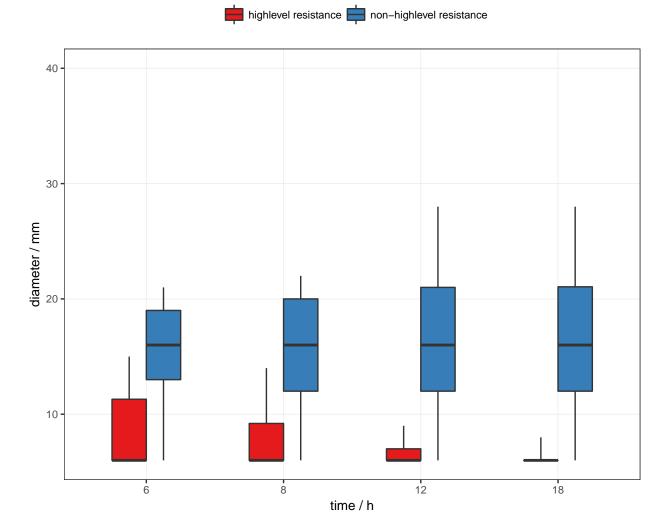
phenotype	n
Aminoglycoside-non-wild-type	34
wild-type	124



Caption or footnote for Gentamicine / A. baumanii, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

6.2 Gentamicine, E. faecalis

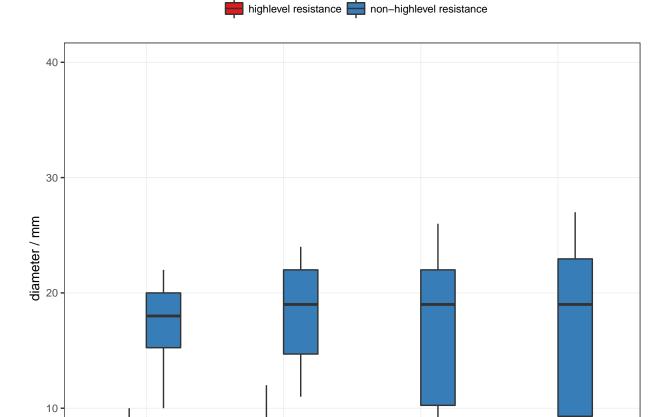
phenotype	n
highlevel resistance	37
non-highlevel resistance	100



Caption or footnote for Gentamicine / E. faecalis, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

6.3 Gentamicine, E. faecium

phenotype	n
highlevel resistance	125
non-highlevel resistance	102



Caption or footnote for $Gentamicine \ / \ E.$ faecium, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

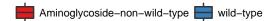
time / h

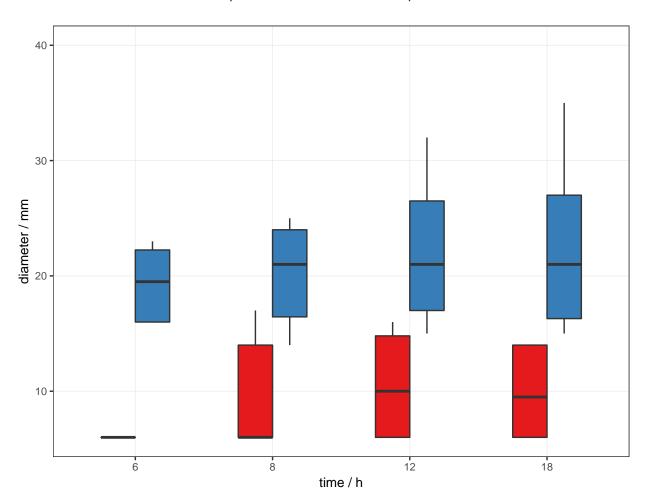
12

18

6.4 Gentamicine, P. aeruginosa

phenotype	n
Aminoglycoside-non-wild-type	28
wild-type	267



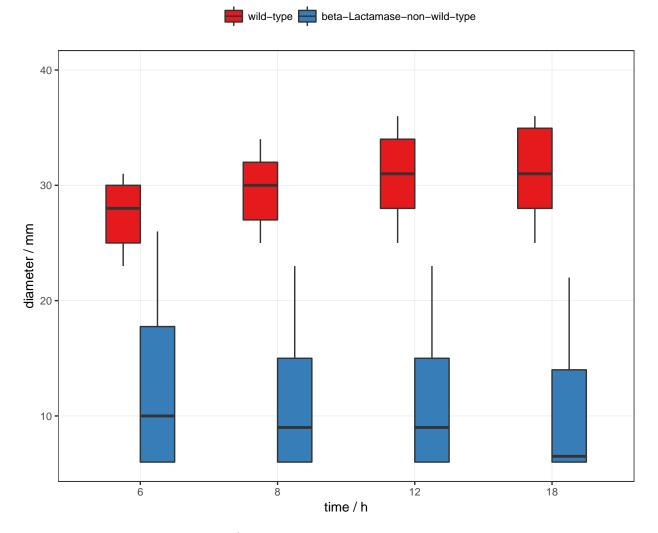


Caption or footnote for Gentamicine / P. aeruginosa, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

7 Imipeneme

7.1 Imipeneme, A. baumanii

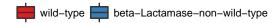
phenotype	n
wild-type	122
$beta\hbox{-}Lactamase\hbox{-}non\hbox{-}wild\hbox{-}type$	36

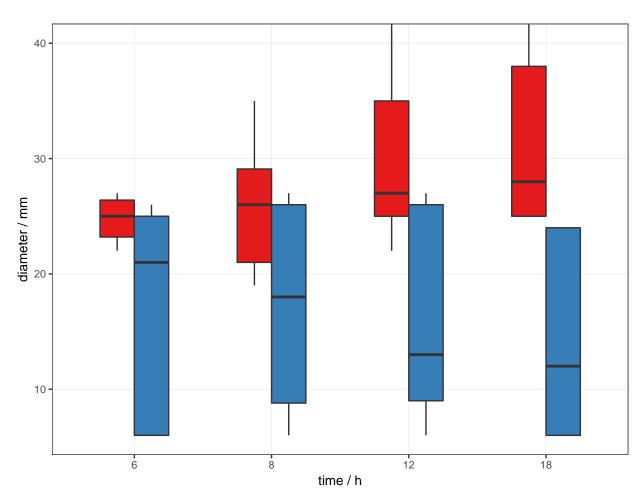


Caption or footnote for Imipeneme / A. baumanii, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

7.2 Imipeneme, P. aeruginosa

phenotype	n
wild-type	192
beta-Lactamase-non-wild-type	103



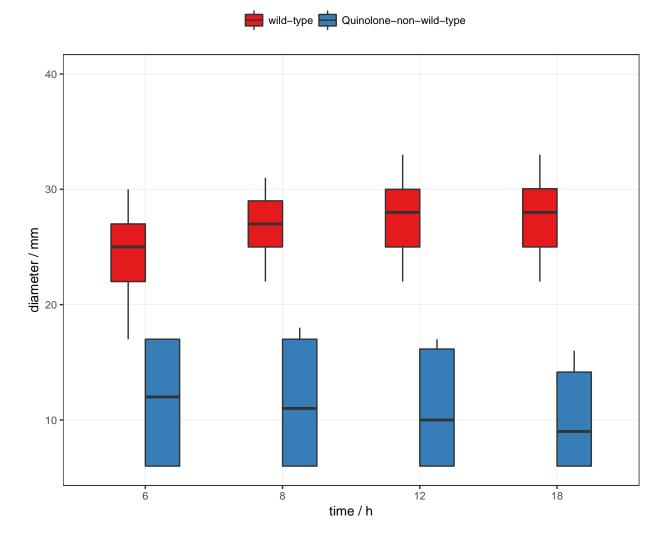


Caption or footnote for Imipeneme / P. aeruginosa, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

8 Levofloxacine

8.1 Levofloxacine, A. baumanii

phenotype	n
wild-type	120
Quinolone-non-wild-type	38

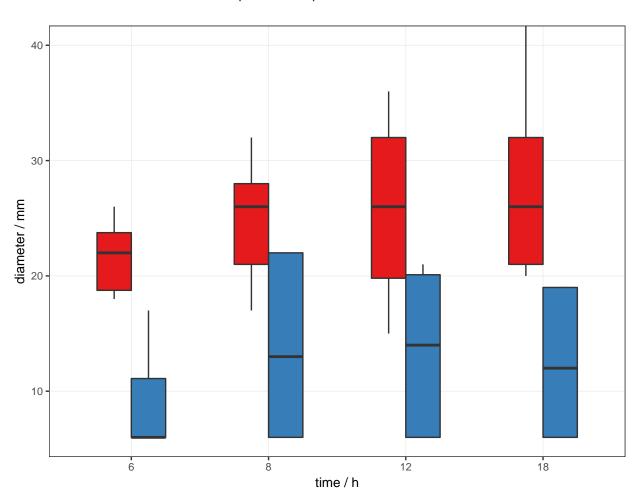


Caption or footnote for Levofloxacine / A. baumanii, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

8.2 Levofloxacine, P. aeruginosa

phenotype	n
wild-type	187
Quinolone-non-wild-type	108



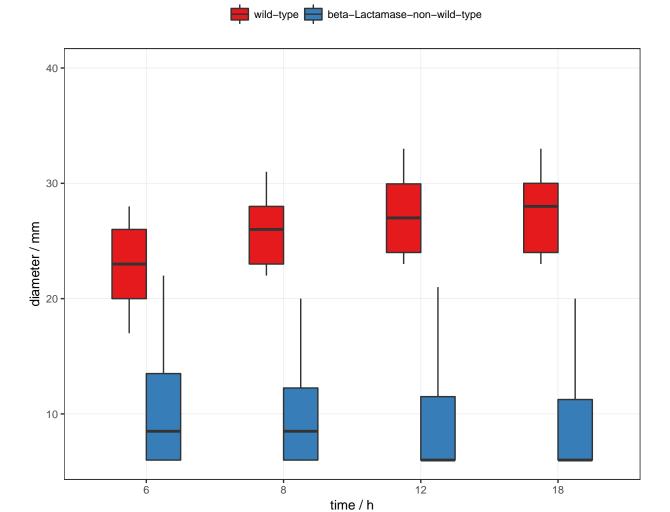


Caption or footnote for Levofloxacine / P. aeruginosa, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

9 Meropeneme

9.1 Meropeneme, A. baumanii

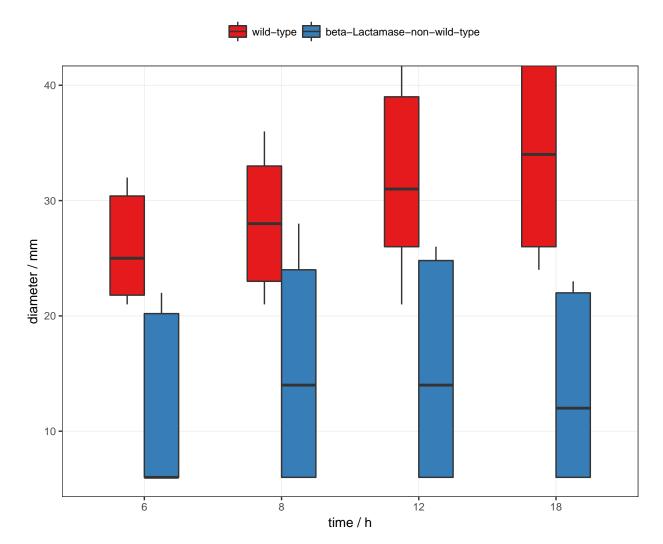
phenotype	n
wild-type	122
$beta\hbox{-}Lactamase\hbox{-}non\hbox{-}wild\hbox{-}type$	36



Caption or footnote for Meropeneme / A. baumanii, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

9.2 Meropeneme, P. aeruginosa

phenotype	n
wild-type	223
beta-Lactamase-non-wild-type	72

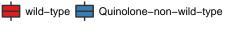


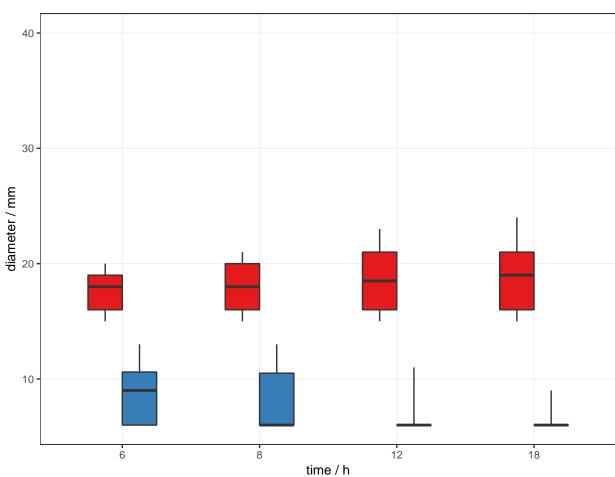
Caption or footnote for Meropeneme / P. aeruginosa, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

10 Norfloxacine

10.1 Norfloxacine, E. faecalis

phenotype	n
wild-type	86
Quinolone-non-wild-type	51



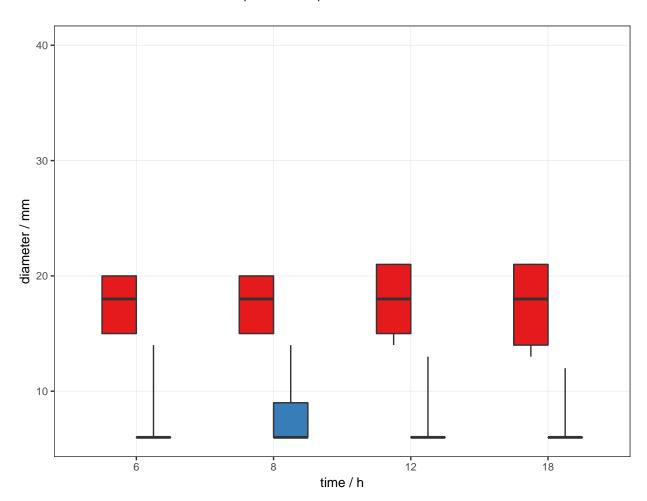


Caption or footnote for Norfloxacine / E. faecalis, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

10.2 Norfloxacine, E. faecium

phenotype	n
wild-type	31
Quinolone-non-wild-type	196





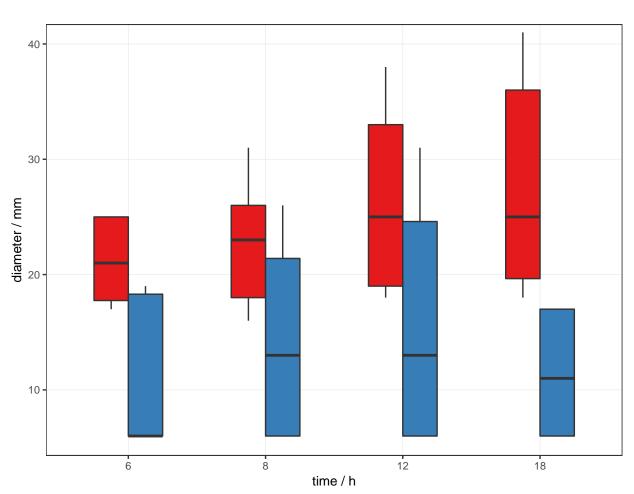
Caption or footnote for Norfloxacine / E. faecium, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

11 Piperacilline/Tazobactam

11.1 Piperacilline/Tazobactam, P. aeruginosa

phenotype	n
wild-type	254
$beta\hbox{-}Lactamase\hbox{-}non\hbox{-}wild\hbox{-}type$	41





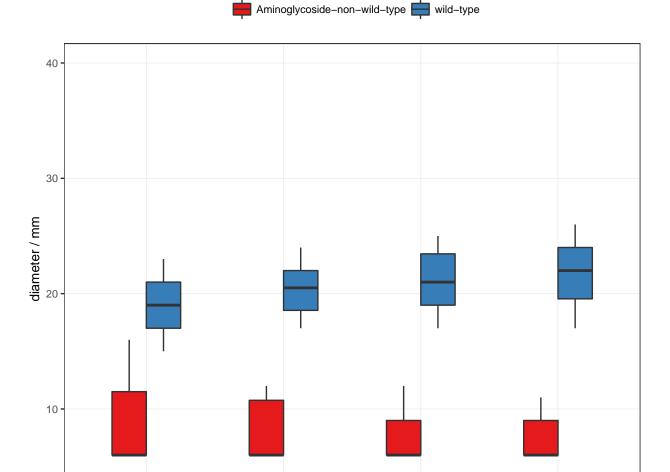
Caption or footnote for Piperacilline/Tazobactam / P. aeruginosa, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

12 Tobramycine

12.1 Tobramycine, A. baumanii

6

phenotype	n
Aminoglycoside-non-wild-type	26
wild-type	132



Caption or footnote for Tobramycine / A. baumanii, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

time / h

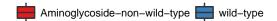
8

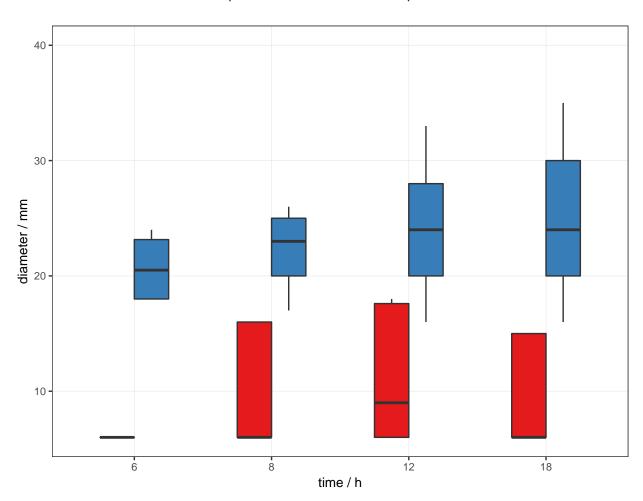
12

18

12.2 Tobramycine, P. aeruginosa

phenotype	n
Aminoglycoside-non-wild-type	27
wild-type	268



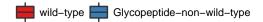


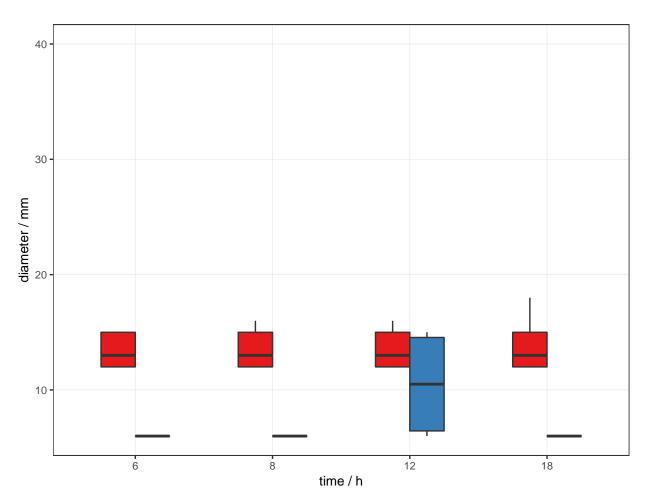
Caption or footnote for Tobramycine / P. aeruginosa, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

13 Vancomycine

13.1 Vancomycine, E. faecalis

phenotype	n
wild-type	135
${\bf Glycopeptide\text{-}non\text{-}wild\text{-}type}$	2

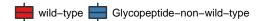


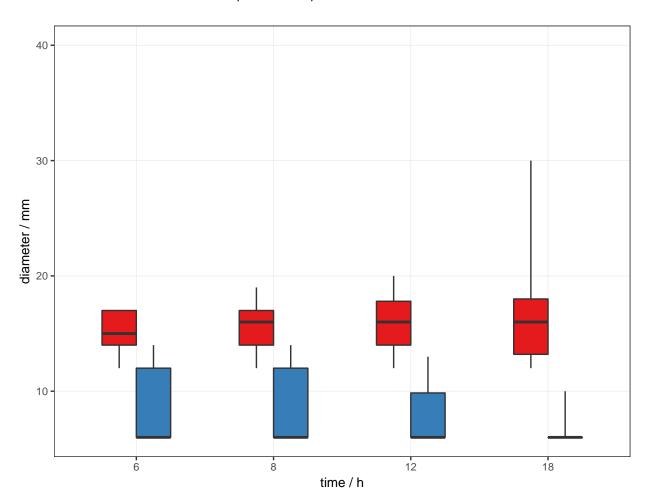


Caption or footnote for Vancomycine / E. faecalis, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

13.2 Vancomycine, E. faecium

phenotype	n
wild-type	165
Glycopeptide-non-wild-type	62





Caption or footnote for Vancomycine / E. faecium, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

14 Auxiliary figure for Tab. 2 (main text)

