

Supplemental Figure 1: Development of zone diameters of wild-type and non-wild-type populations over time

Marion Jetter, Nicolas Blöchliger, Michael Hombach*

Institute of Medical Microbiology, University of Zurich, Gloriastrasse 30/32, 8006 Zürich, Switzerland

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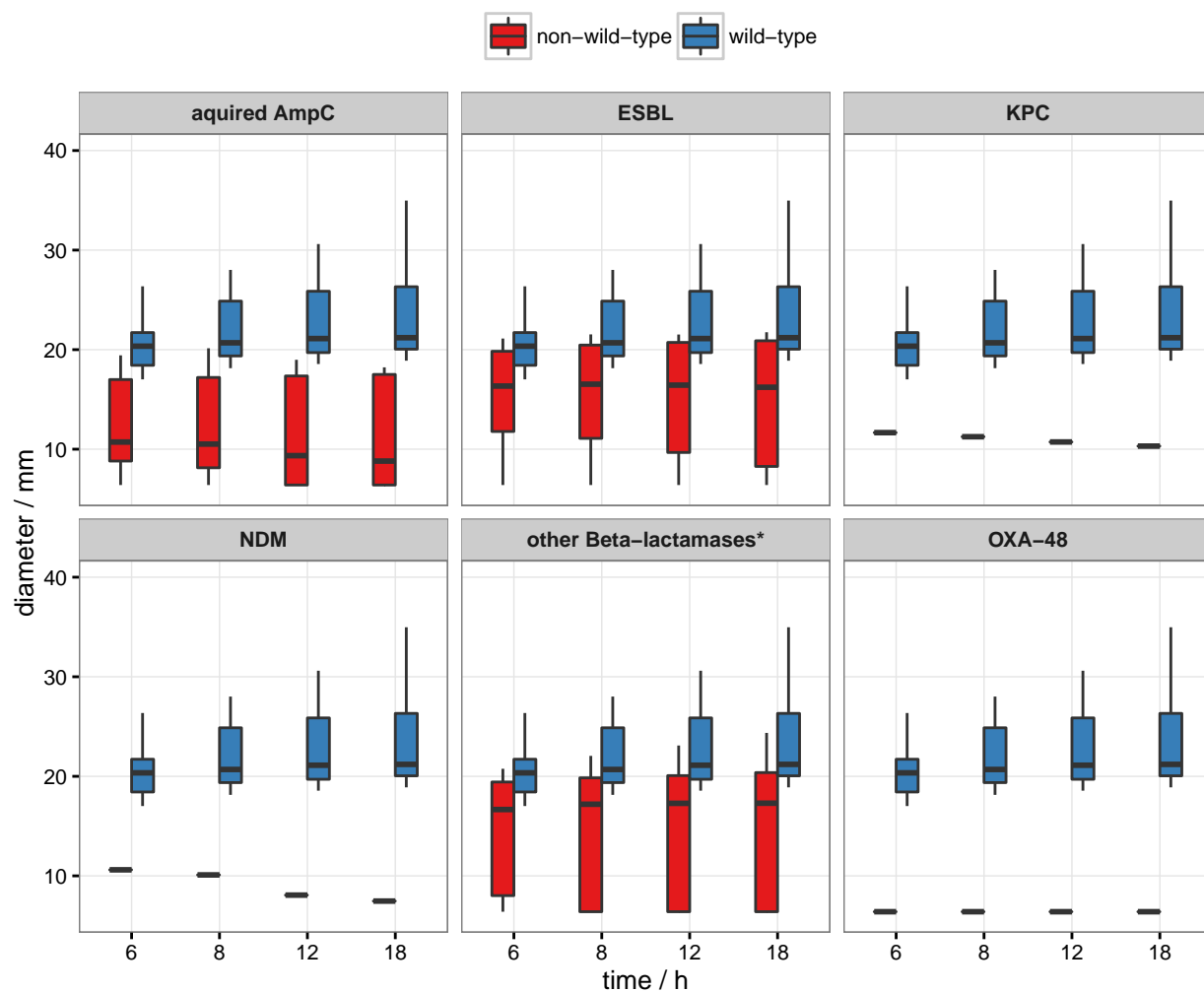
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1 Amoxicillin clavulanate

1.1 Amoxicillin clavulanate, *Escherichia coli*

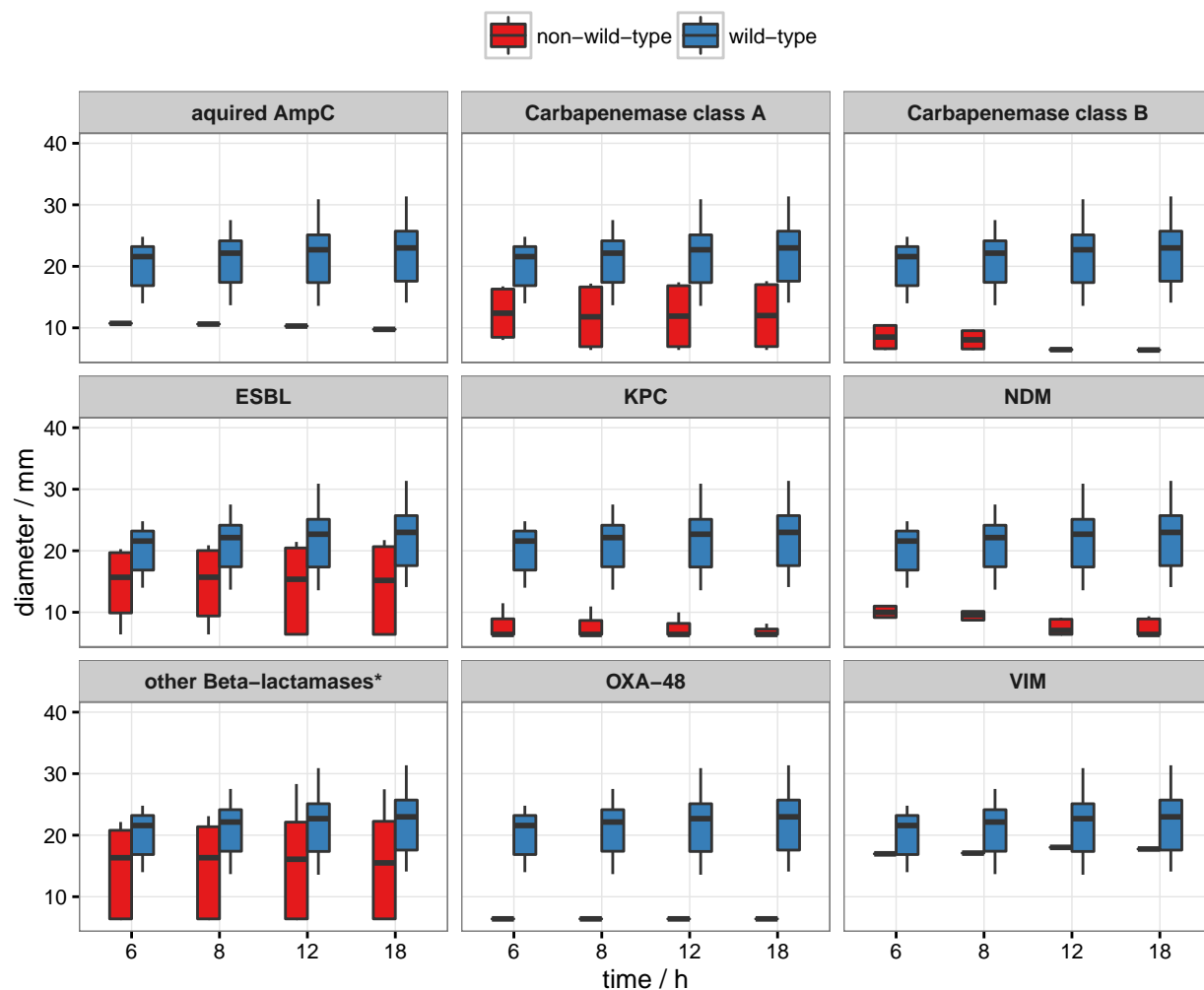
phenotype	n
aquired AmpC	47
Beta-lactamase wild-type	57
ESBL	150
KPC	1
NDM	1
other Beta-lactamases*	217
OXA-48	4



Caption or footnote for Amoxicillin clavulanate / *Escherichia coli*, 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 Amoxicillin clavulanate, *Klebsiella pneumoniae*

phenotype	n
acquired AmpC	1
Beta-lactamase wild-type	155
Carbapenemase class A	2
Carbapenemase class B	2
ESBL	63
KPC	11
NDM	5
other Beta-lactamases*	129
OXA-48	10
VIM	1

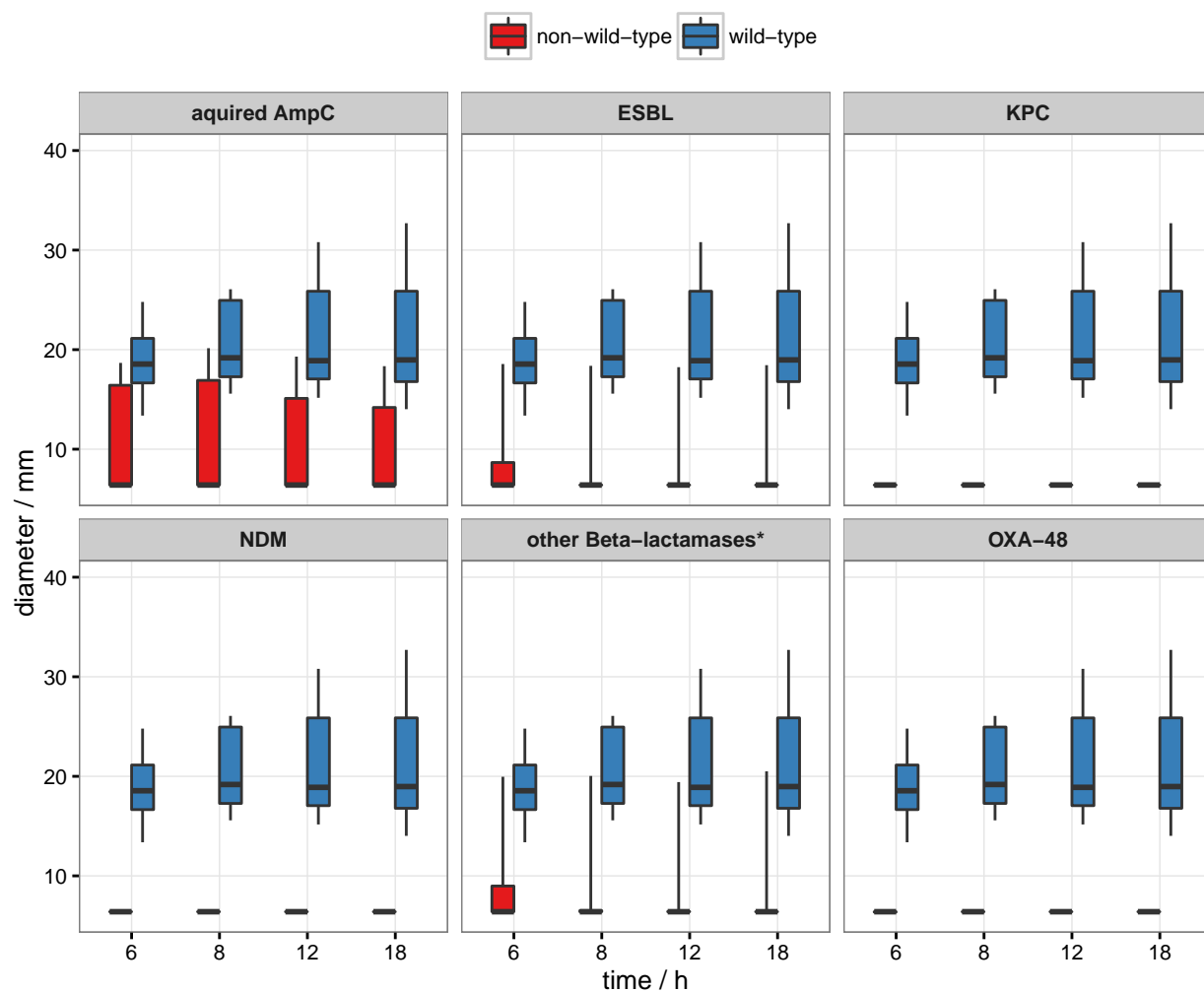


Caption or footnote for Amoxicillin clavulanate / *Klebsiella pneumoniae*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

2 Ampicillin

2.1 Ampicillin, *Escherichia coli*

phenotype	n
aquired AmpC	47
Beta-lactamase wild-type	57
ESBL	150
KPC	1
NDM	1
other Beta-lactamases*	217
OXA-48	4

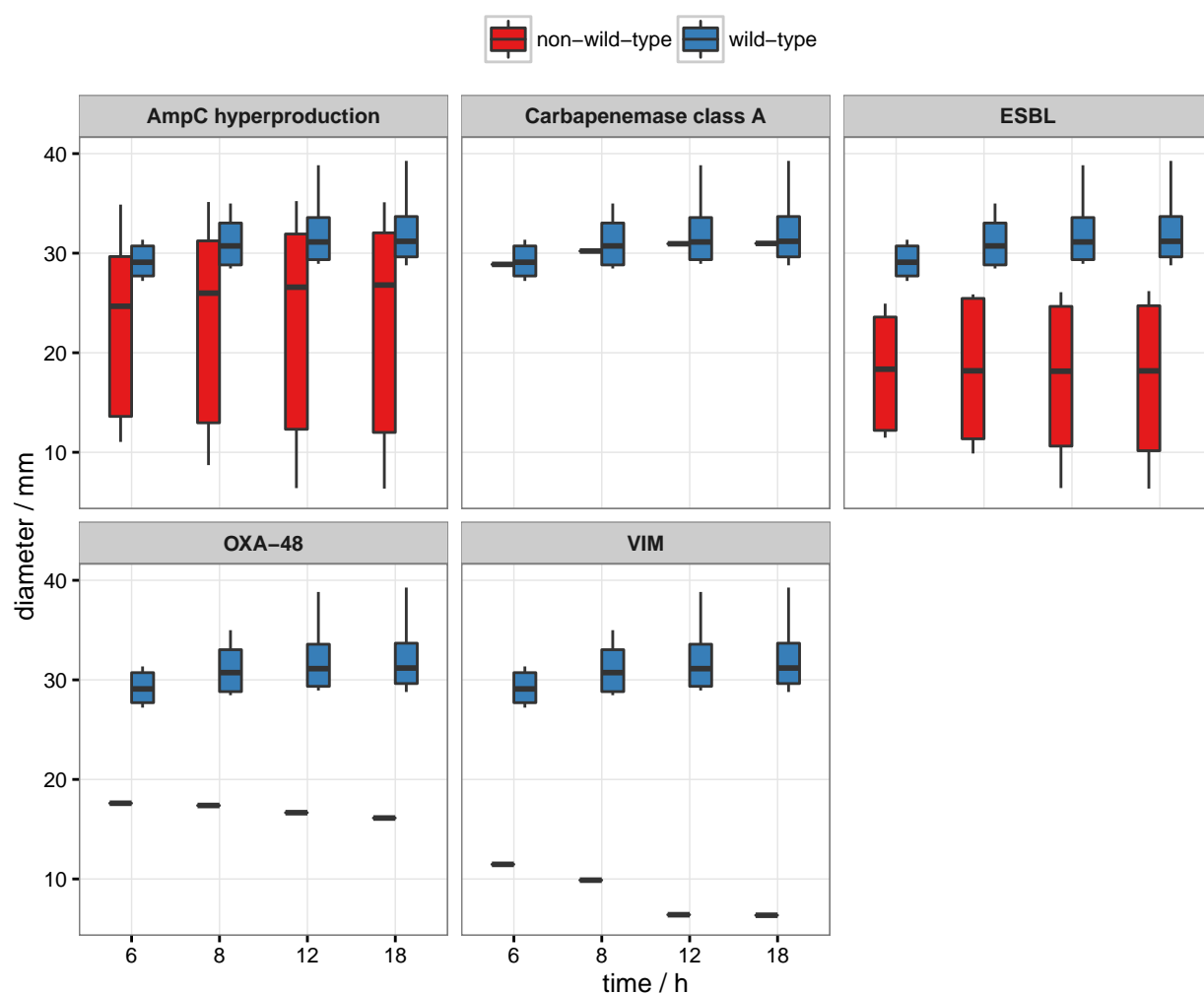


Caption or footnote for Ampicillin / *Escherichia coli*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

3 Cefepime

3.1 Cefepime, *Enterobacter cloacae*

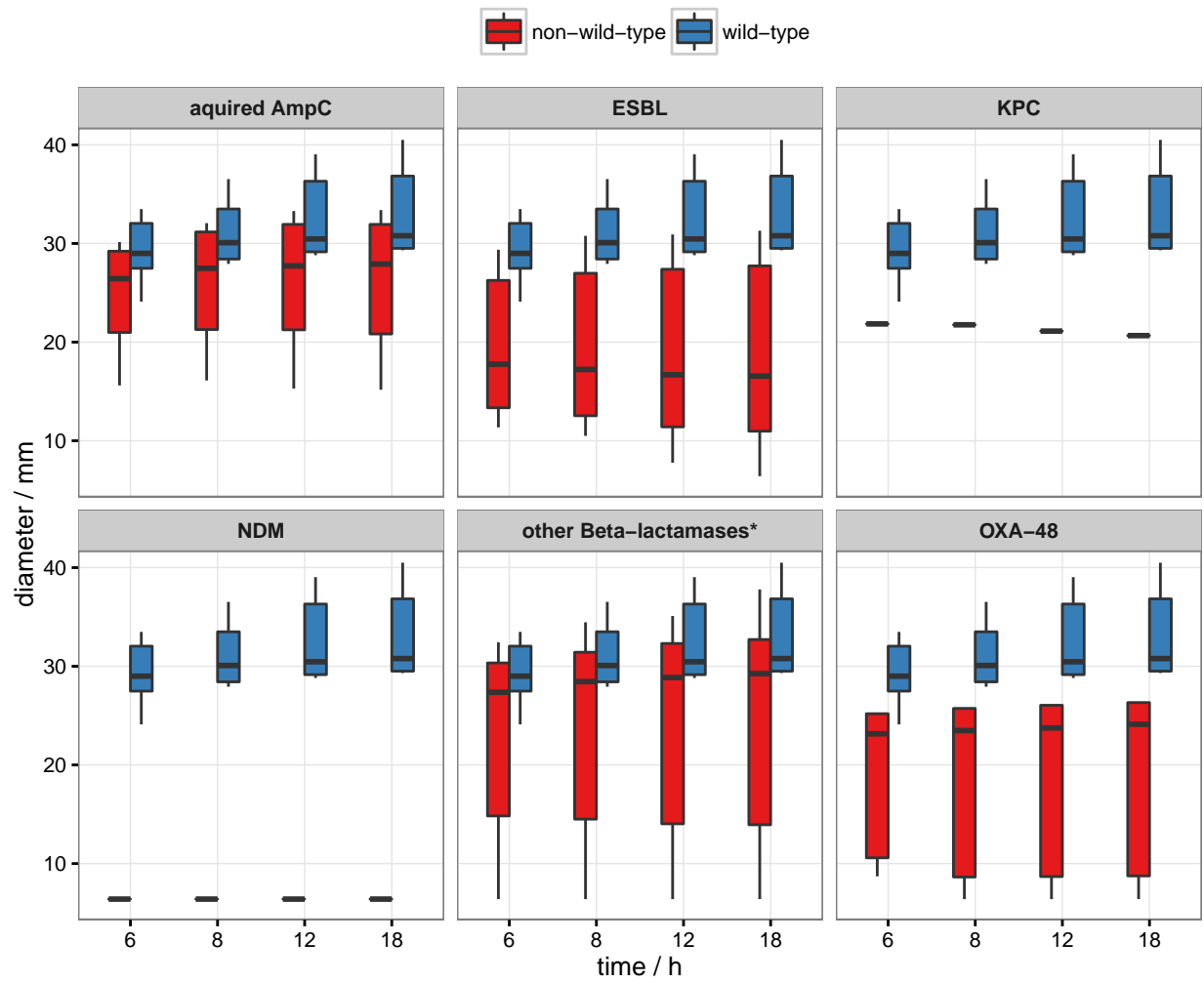
phenotype	n
AmpC hyperproduction	223
Beta-lactamase wild-type	52
Carbapenemase class A	1
ESBL	26
OXA-48	1
VIM	1



Caption or footnote for Cefepime / *Enterobacter cloacae*, 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.

3.2 Cefepime, *Escherichia coli*

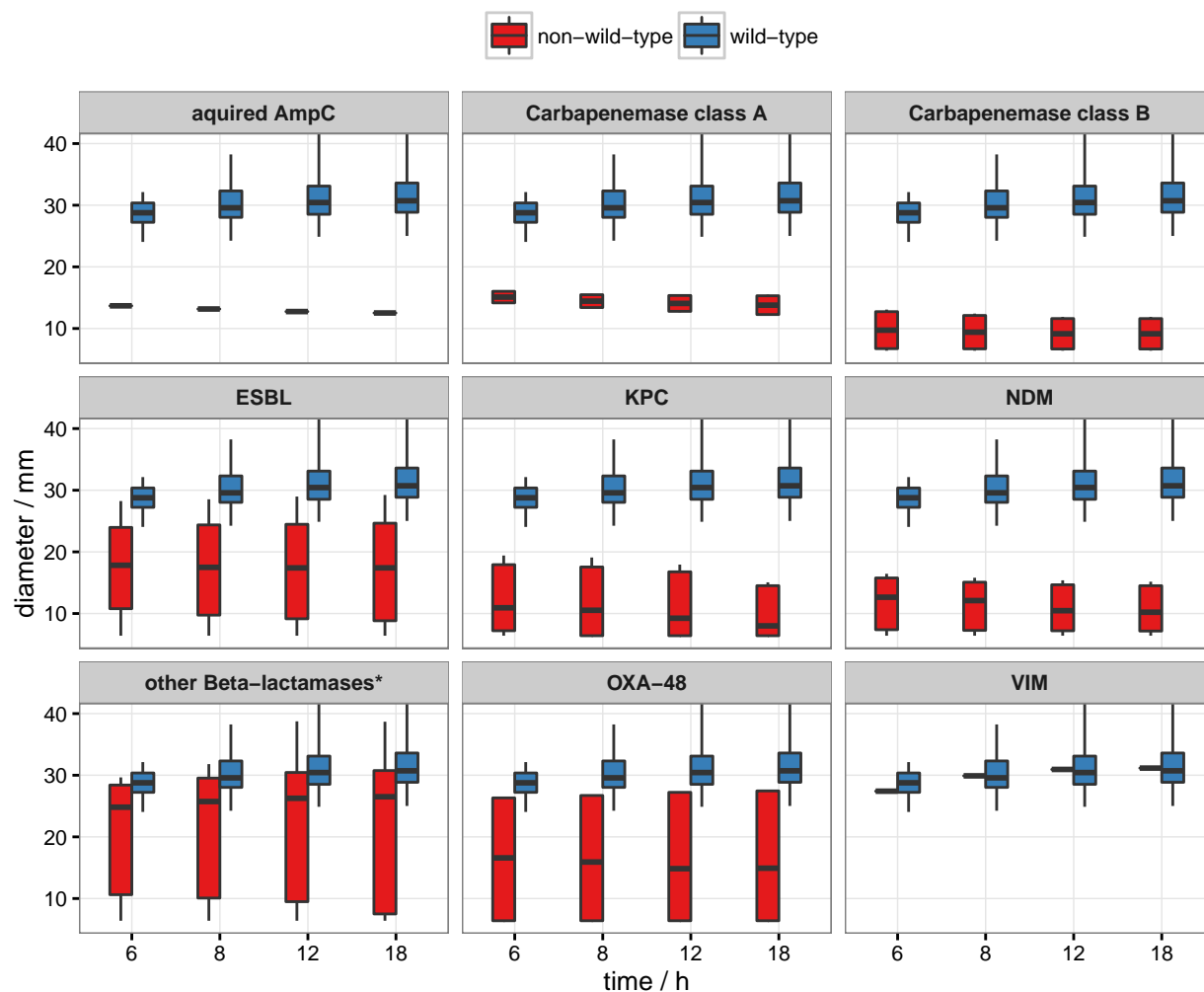
phenotype	n
aquired AmpC	47
Beta-lactamase wild-type	57
ESBL	150
KPC	1
NDM	1
other Beta-lactamases*	217
OXA-48	4



Caption or footnote for Cefepime / Escherichia coli, 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.

3.3 Cefepime, *Klebsiella pneumoniae*

phenotype	n
acquired AmpC	1
Beta-lactamase wild-type	163
Carbapenemase class A	2
Carbapenemase class B	2
ESBL	63
KPC	11
NDM	5
other Beta-lactamases*	121
OXA-48	10
VIM	1

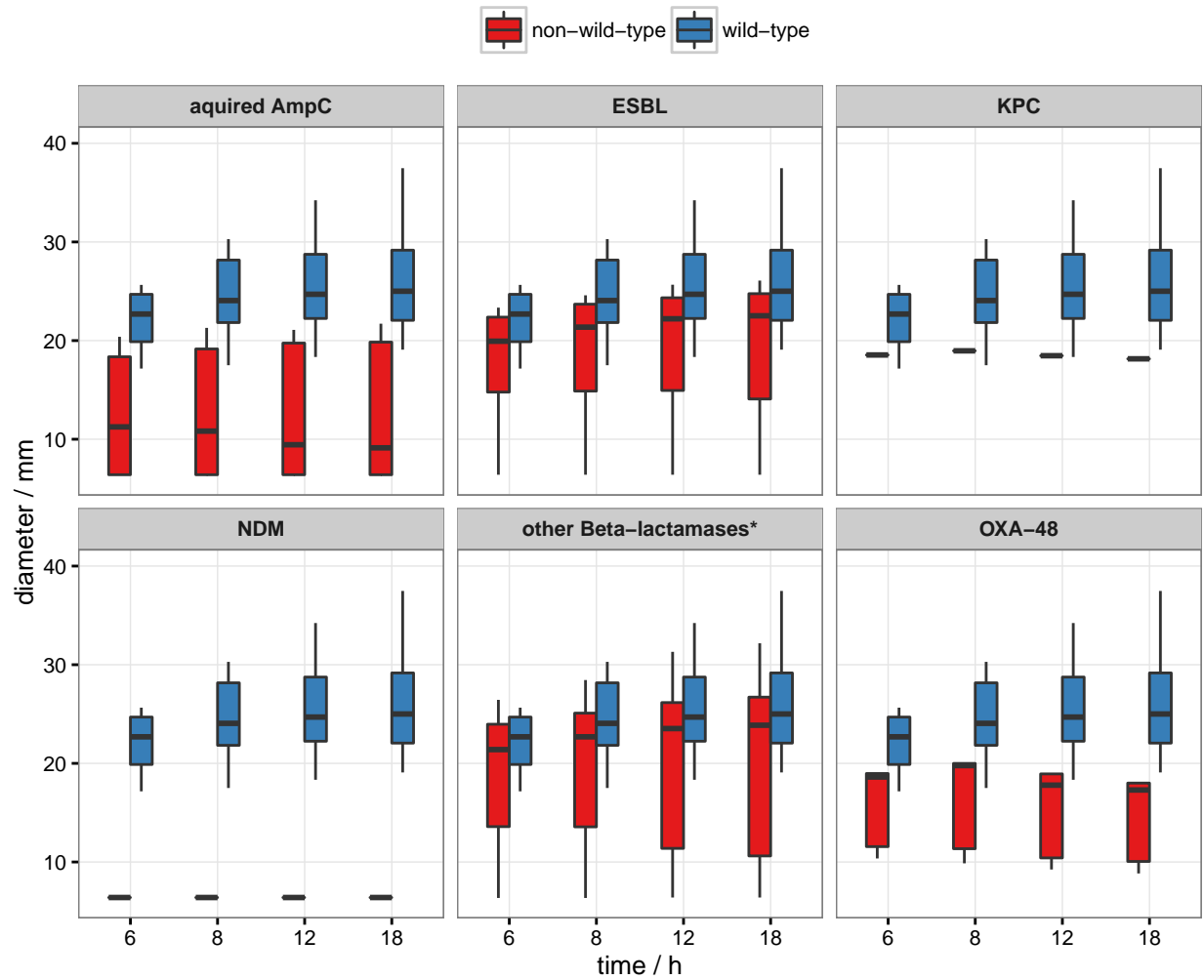


Caption or footnote for Cefepime / *Klebsiella pneumoniae*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

4 Cefoxitin

4.1 Cefoxitin, *Escherichia coli*

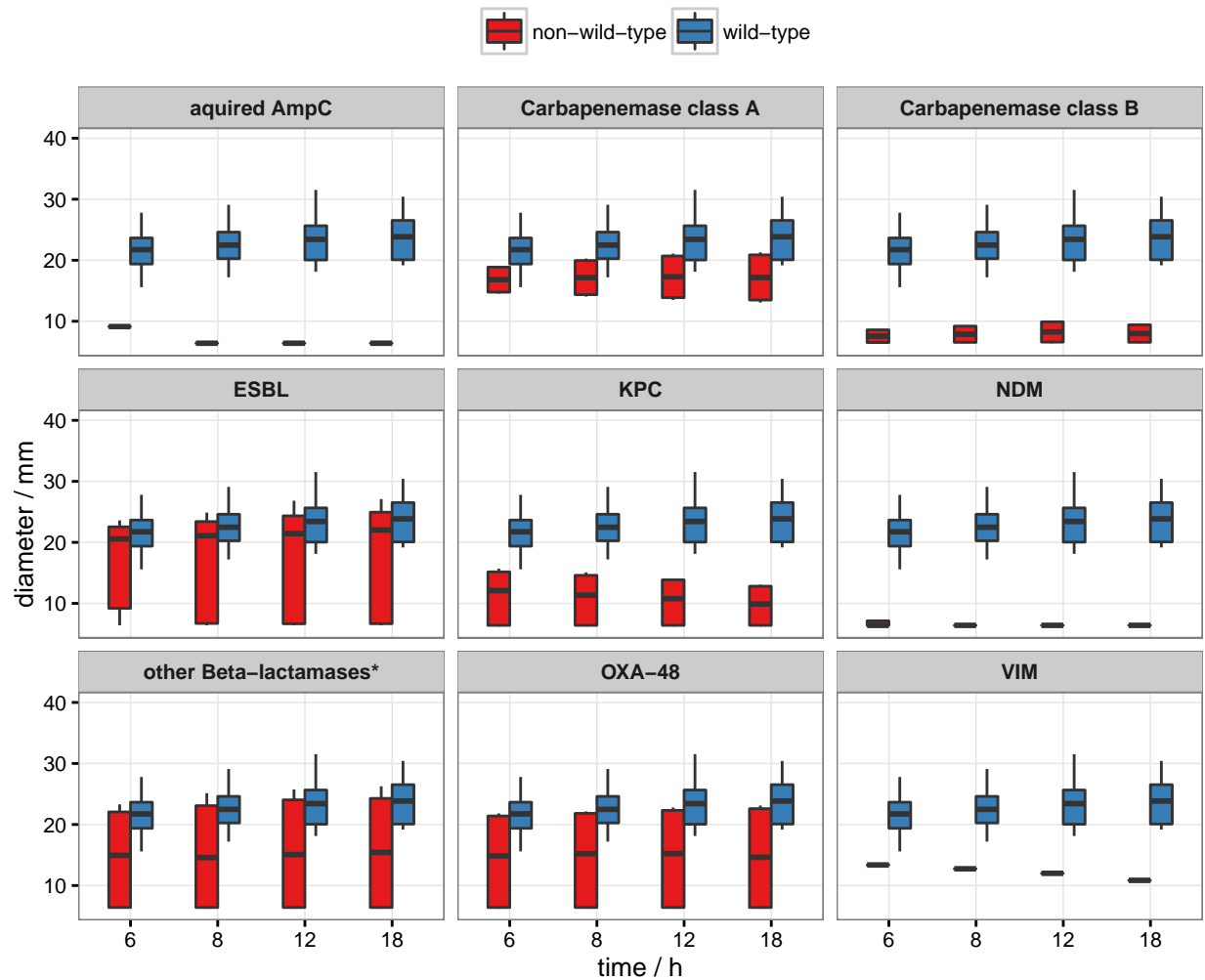
phenotype	n
acquired AmpC	47
Beta-lactamase wild-type	57
ESBL	150
KPC	1
NDM	1
other Beta-lactamases*	217
OXA-48	4



Caption or footnote for Cefoxitin / *Escherichia coli*, 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.

4.2 Cefoxitin, *Klebsiella pneumoniae*

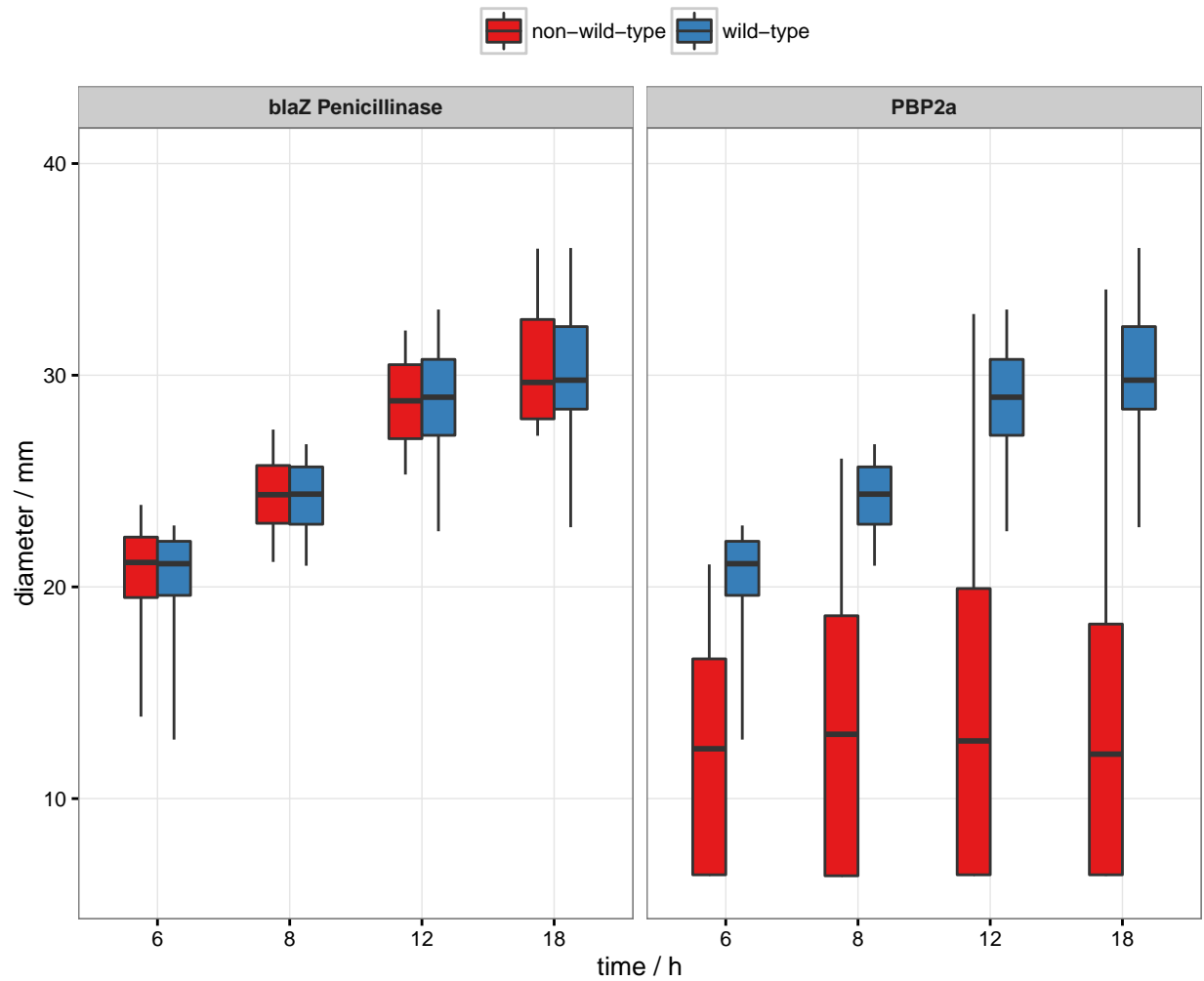
phenotype	n
acquired AmpC	1
Beta-lactamase wild-type	163
Carbapenemase class A	2
Carbapenemase class B	2
ESBL	63
KPC	11
NDM	5
other Beta-lactamases*	121
OXA-48	10
VIM	1



Caption or footnote for Cefoxitin / *Klebsiella pneumoniae*, 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.

4.3 Cefoxitin, *Staphylococcus aureus*

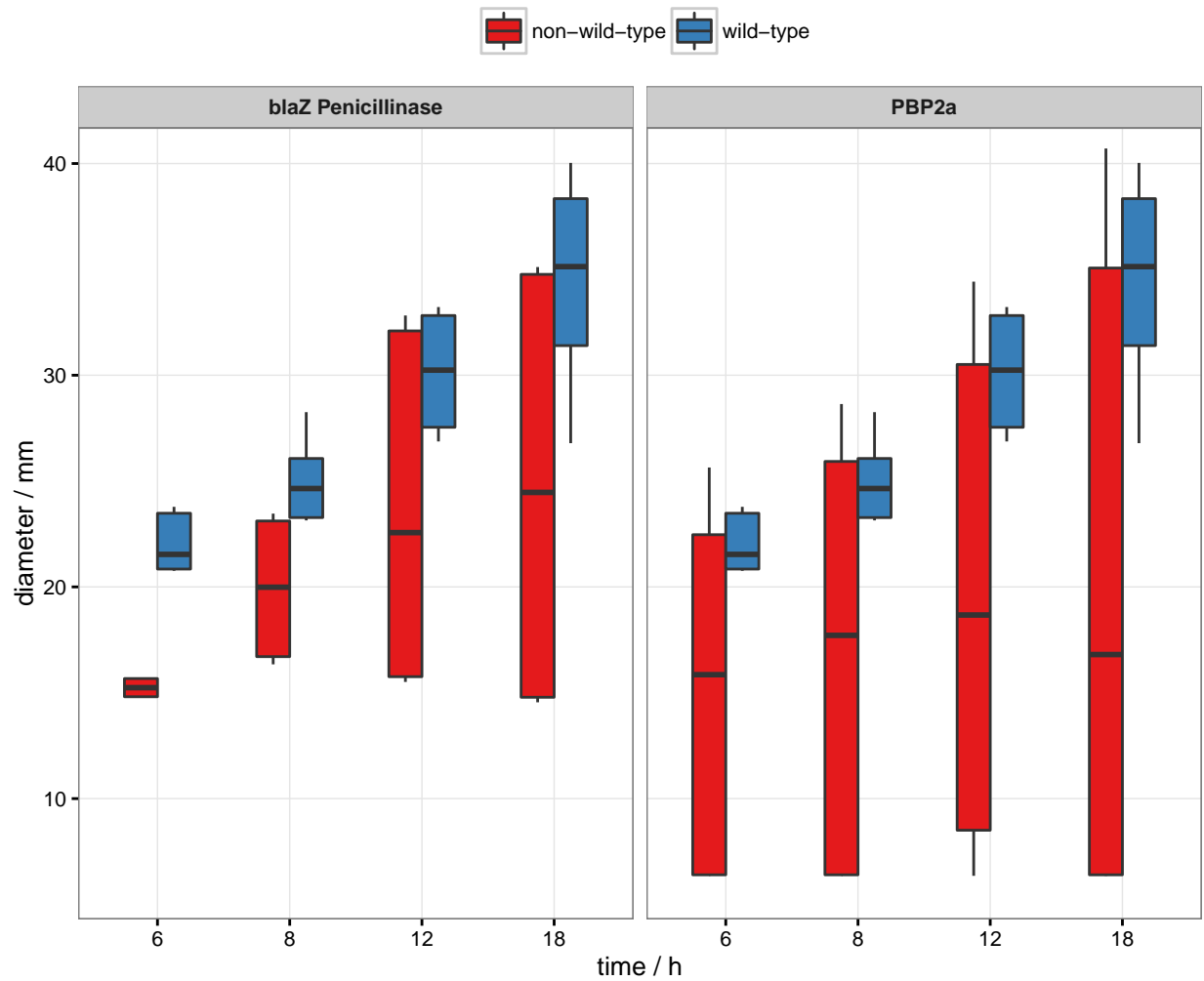
phenotype	n
Beta-lactamase wild-type	158
blaZ Penicillinase	185
PBP2a	51



Caption or footnote for Cefoxitin / *Staphylococcus aureus*, 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.

4.4 Cefoxitin, *Staphylococcus epidermidis*

phenotype	n
Beta-lactamase wild-type	34
blaZ Penicillinase	4
PBP2a	256

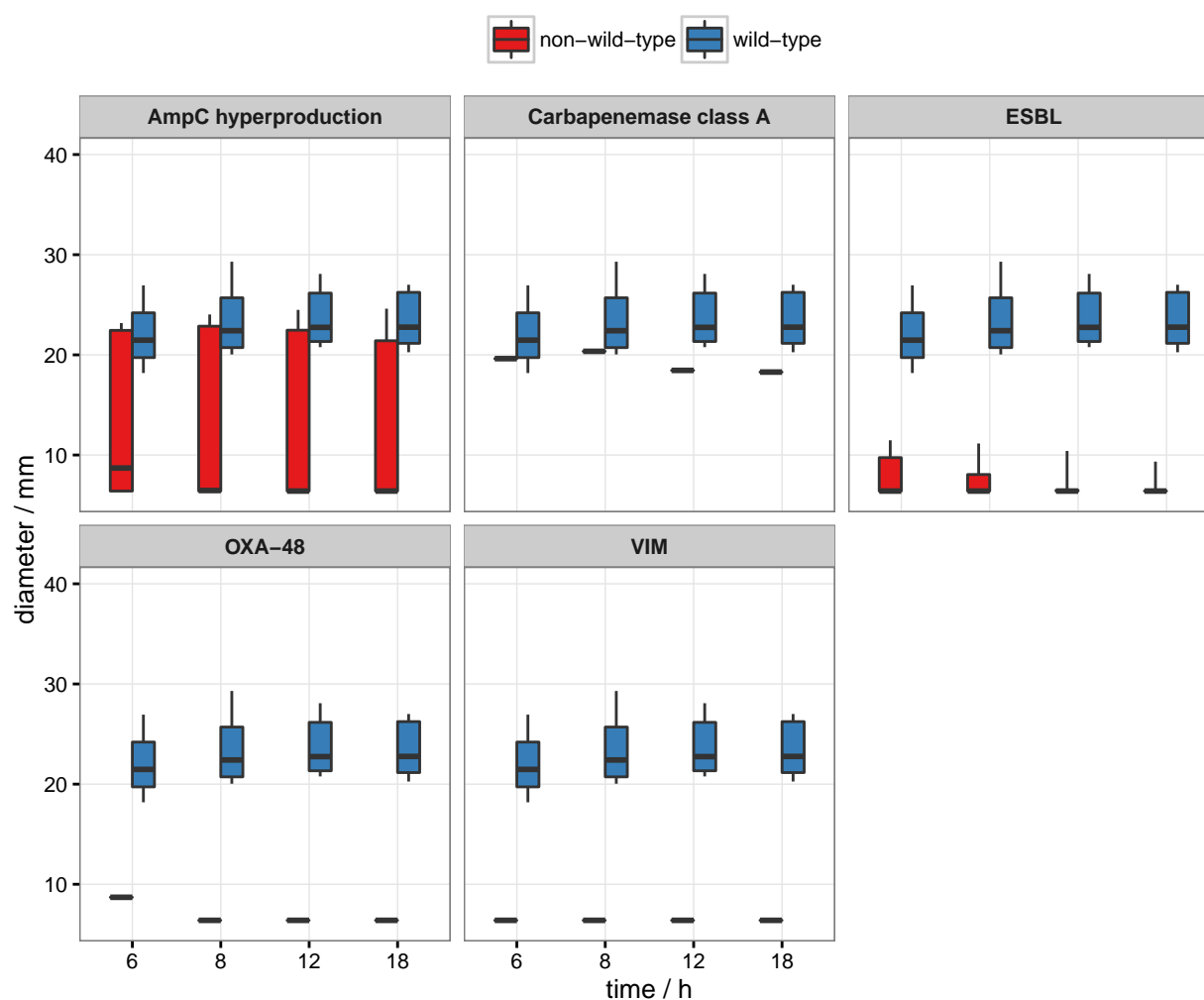


Caption or footnote for Cefoxitin / *Staphylococcus epidermidis*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

5 Cefpodoxime

5.1 Cefpodoxime, *Enterobacter cloacae*

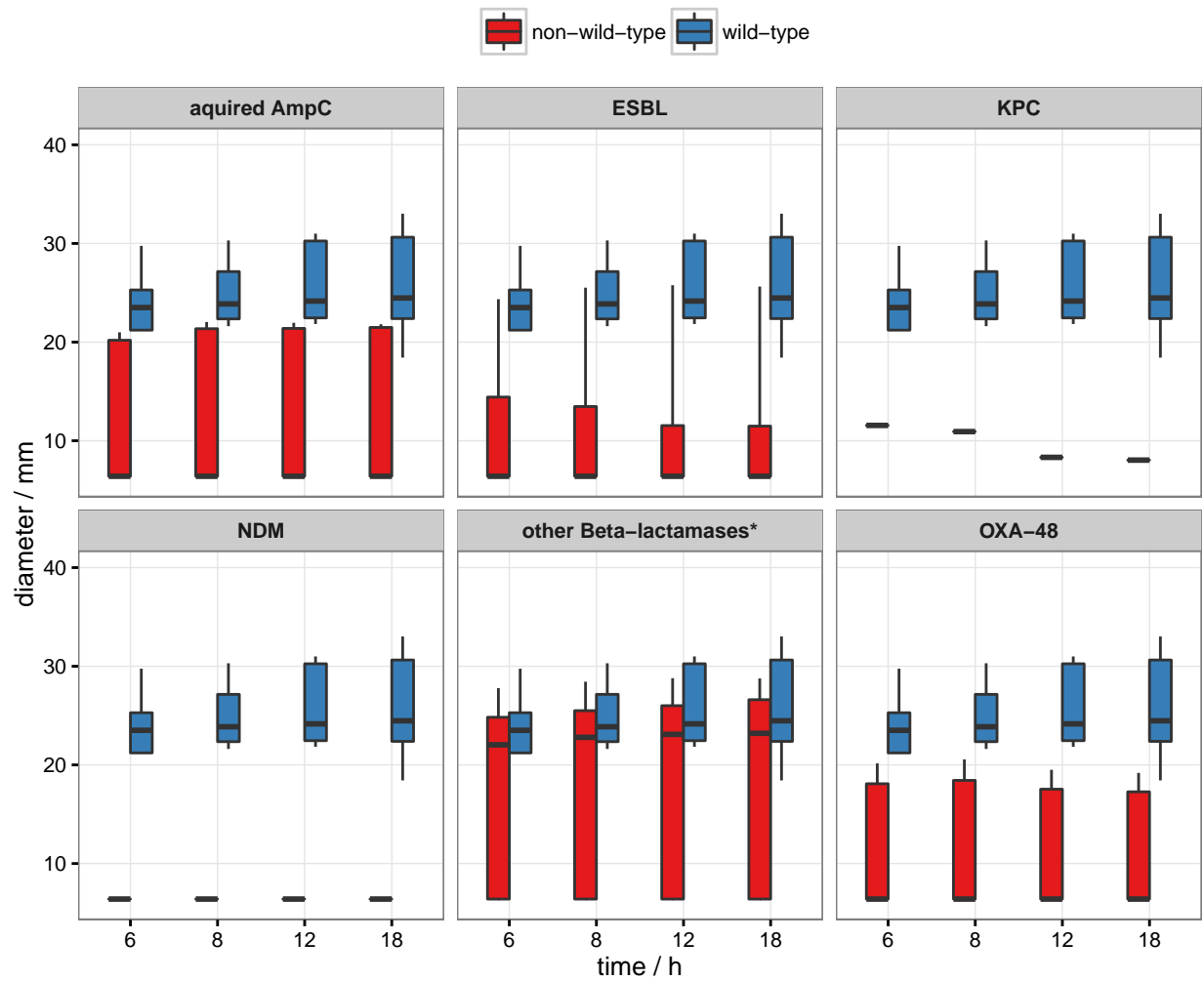
phenotype	n
AmpC hyperproduction	223
Beta-lactamase wild-type	52
Carbapenemase class A	1
ESBL	26
OXA-48	1
VIM	1



Caption or footnote for Cefpodoxime / *Enterobacter cloacae*, 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 Cefpodoxime, *Escherichia coli*

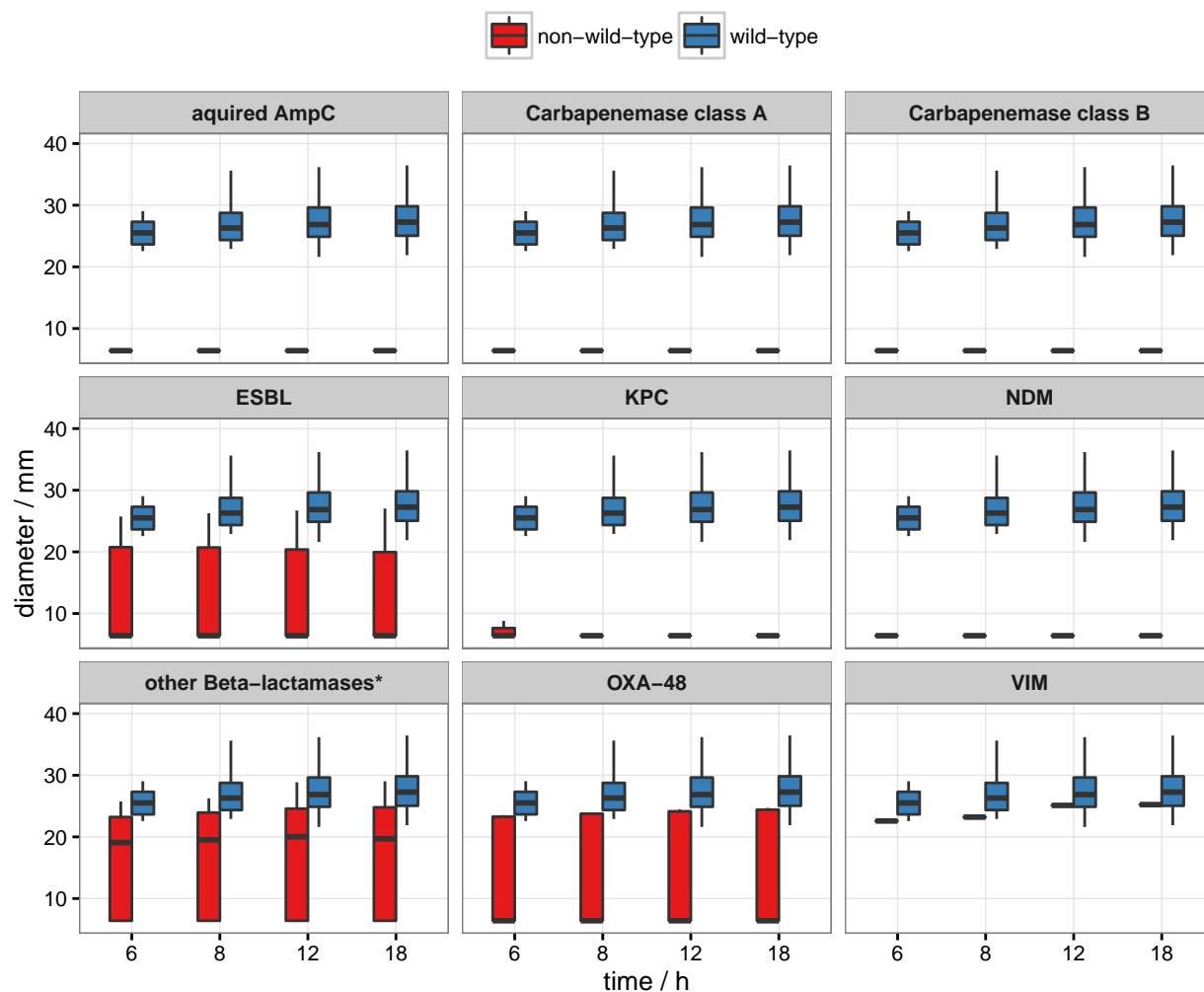
phenotype	n
aquired AmpC	47
Beta-lactamase wild-type	57
ESBL	150
KPC	1
NDM	1
other Beta-lactamases*	217
OXA-48	4



Caption or footnote for Cefpodoxime / *Escherichia coli*, 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.

5.3 Cefpodoxime, *Klebsiella pneumoniae*

phenotype	n
acquired AmpC	1
Beta-lactamase wild-type	163
Carbapenemase class A	2
Carbapenemase class B	2
ESBL	63
KPC	11
NDM	5
other Beta-lactamases*	121
OXA-48	10
VIM	1

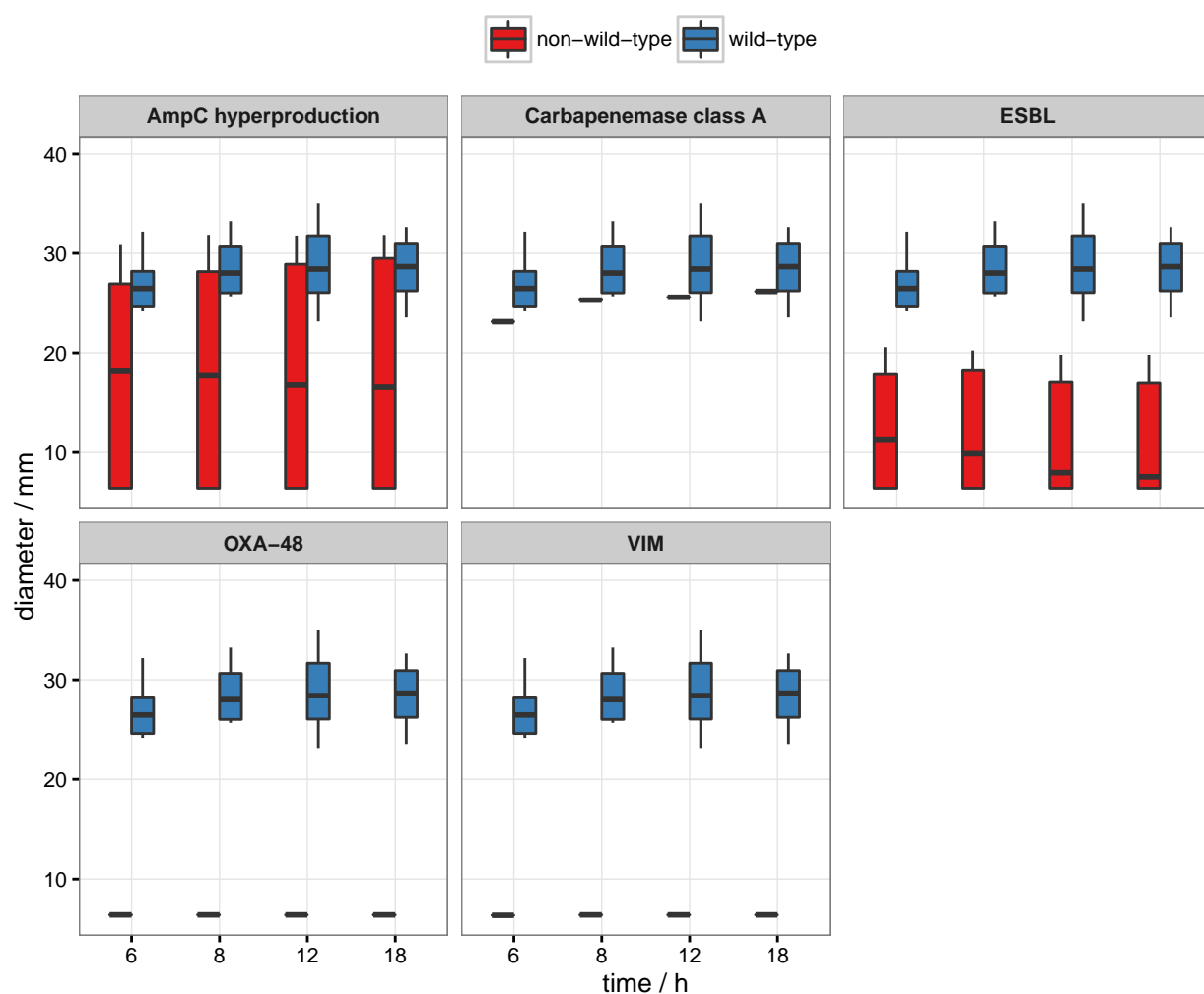


Caption or footnote for Cefpodoxime / *Klebsiella pneumoniae*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

6 Ceftriaxone

6.1 Ceftriaxone, *Enterobacter cloacae*

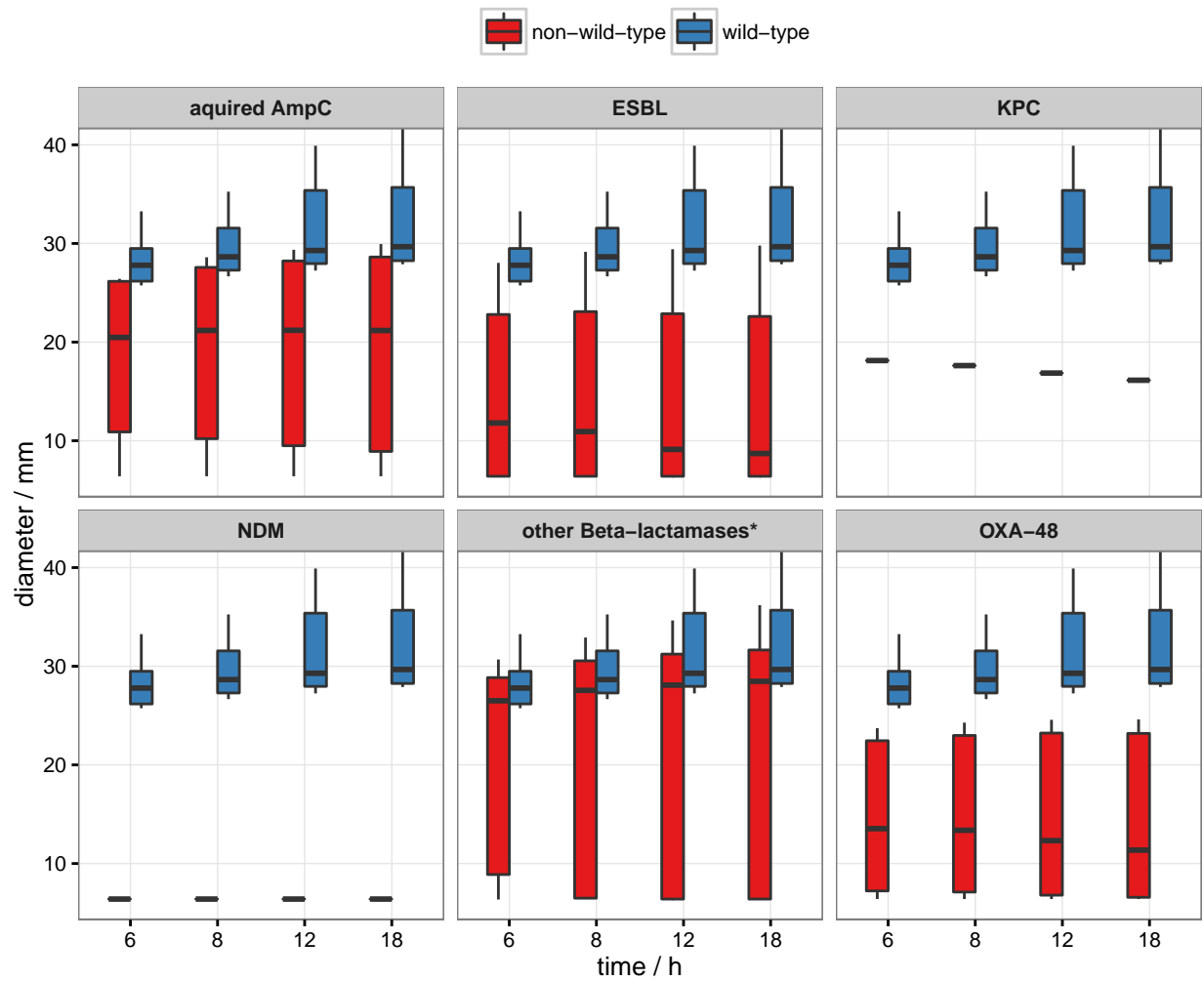
phenotype	n
AmpC hyperproduction	223
Beta-lactamase wild-type	52
Carbapenemase class A	1
ESBL	26
OXA-48	1
VIM	1



Caption or footnote for Ceftriaxone / *Enterobacter cloacae*, 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 Ceftriaxone, *Escherichia coli*

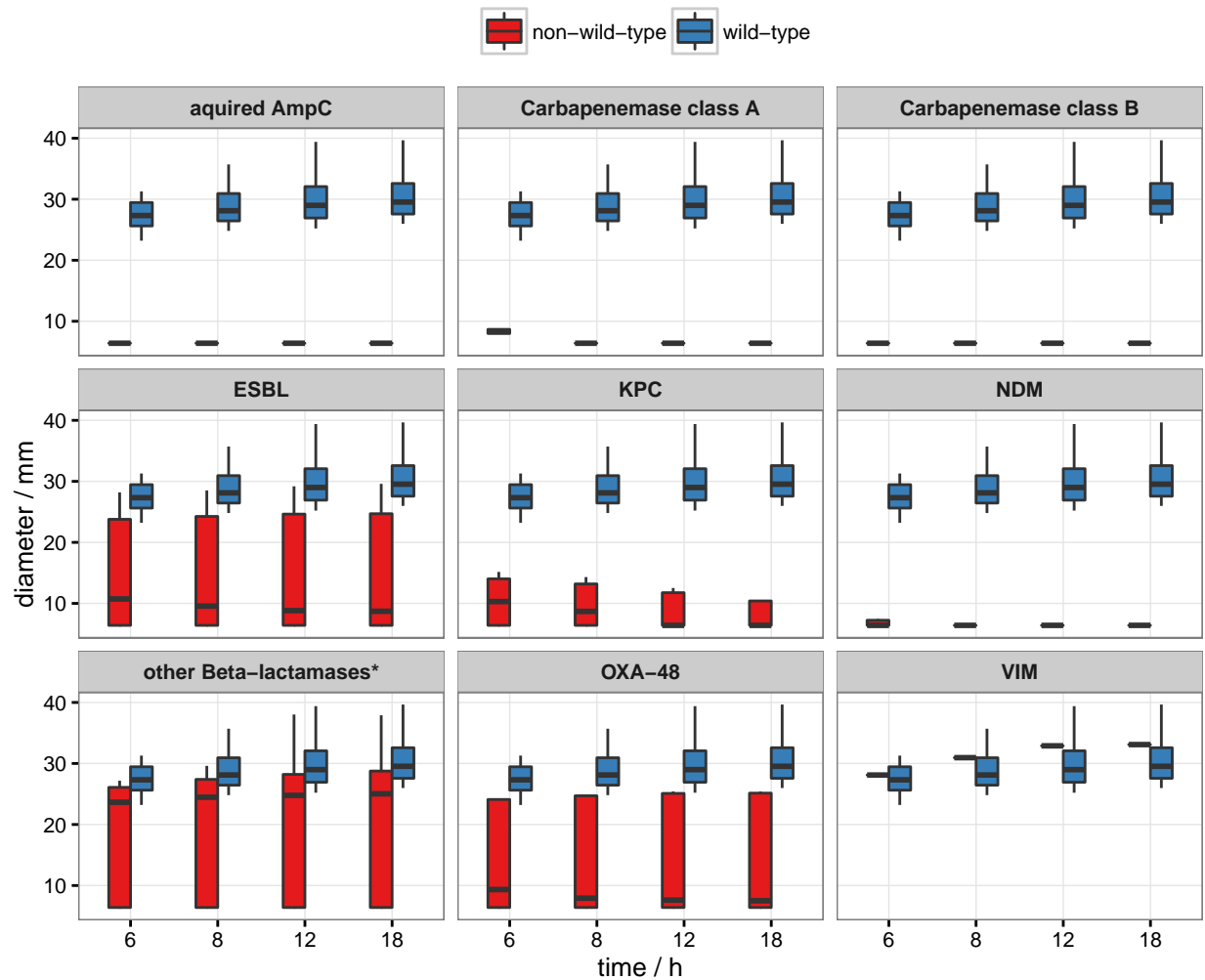
phenotype	n
acquired AmpC	47
Beta-lactamase wild-type	57
ESBL	150
KPC	1
NDM	1
other Beta-lactamases*	217
OXA-48	4



Caption or footnote for Ceftriaxone / *Escherichia coli*, 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 Ceftriaxone, *Klebsiella pneumoniae*

phenotype	n
acquired AmpC	1
Beta-lactamase wild-type	163
Carbapenemase class A	2
Carbapenemase class B	2
ESBL	63
KPC	11
NDM	5
other Beta-lactamases*	121
OXA-48	10
VIM	1

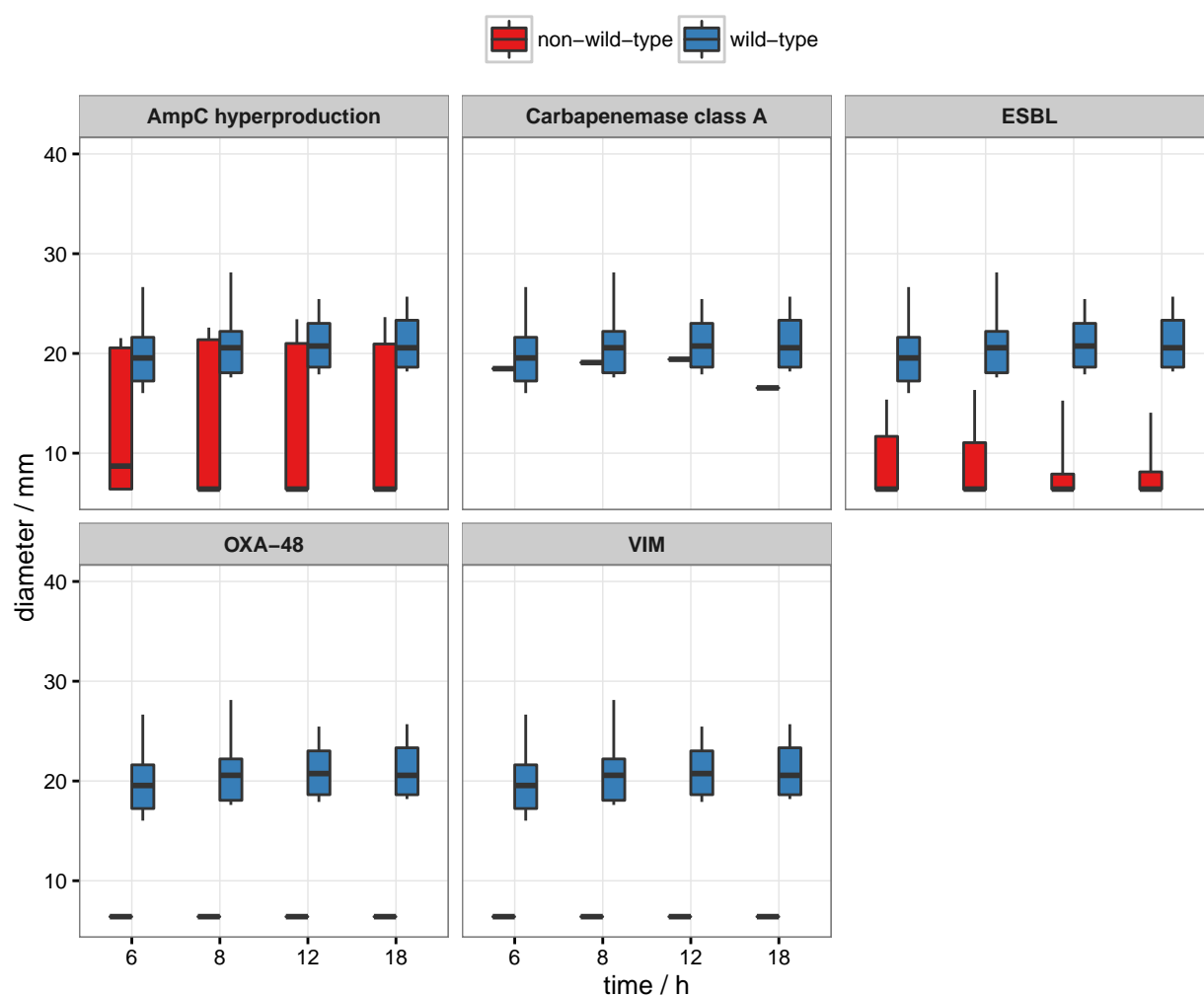


Caption or footnote for Ceftriaxone / *Klebsiella pneumoniae*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

7 Cefuroxime

7.1 Cefuroxime, *Enterobacter cloacae*

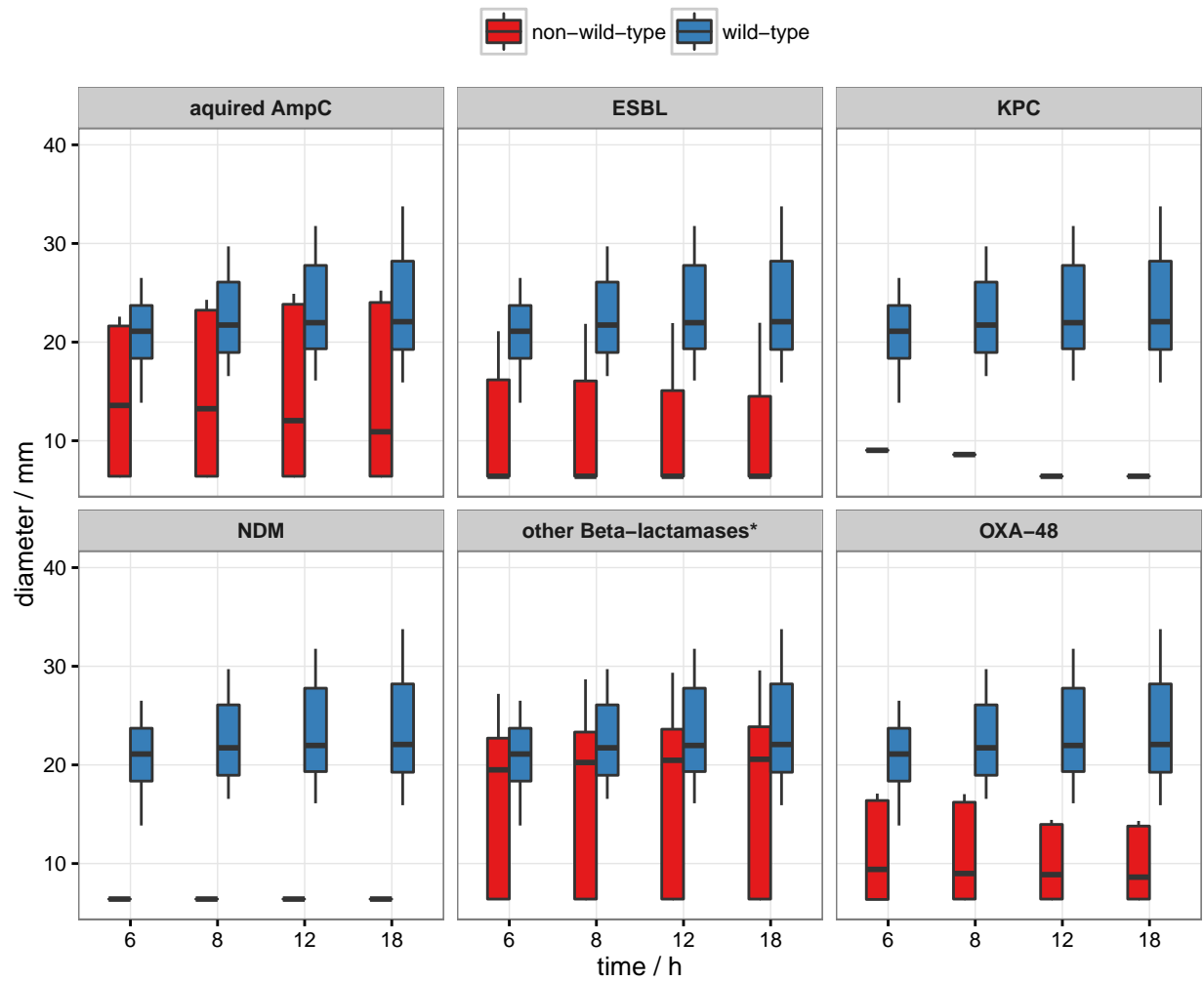
phenotype	n
AmpC hyperproduction	223
Beta-lactamase wild-type	52
Carbapenemase class A	1
ESBL	26
OXA-48	1
VIM	1



Caption or footnote for Cefuroxime / *Enterobacter cloacae*, 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 Cefuroxime, *Escherichia coli*

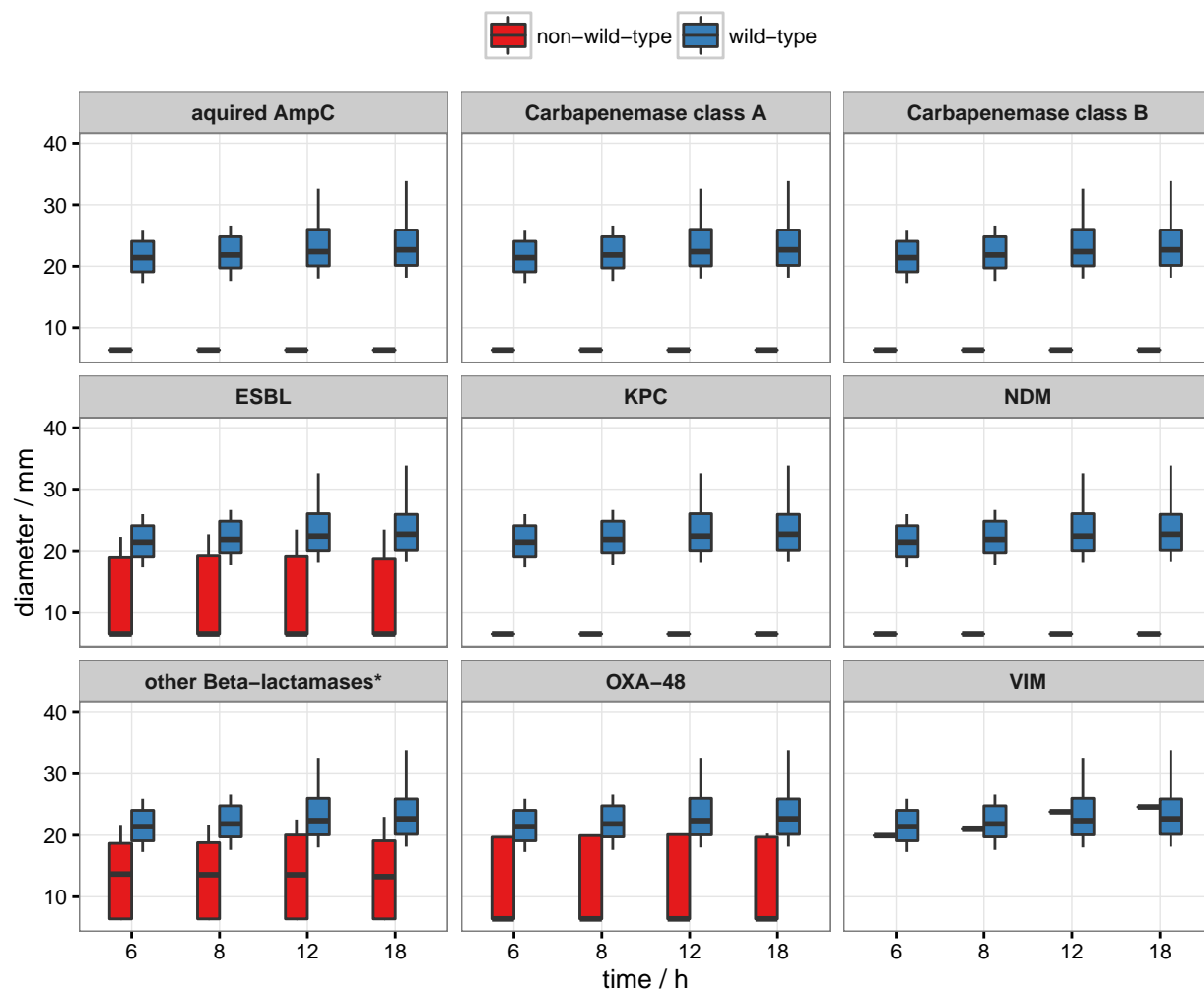
phenotype	n
aquired AmpC	47
Beta-lactamase wild-type	57
ESBL	150
KPC	1
NDM	1
other Beta-lactamases*	217
OXA-48	4



Caption or footnote for Cefuroxime / *Escherichia coli*, 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.

7.3 Cefuroxime, *Klebsiella pneumoniae*

phenotype	n
acquired AmpC	1
Beta-lactamase wild-type	163
Carbapenemase class A	2
Carbapenemase class B	2
ESBL	63
KPC	11
NDM	5
other Beta-lactamases*	121
OXA-48	10
VIM	1

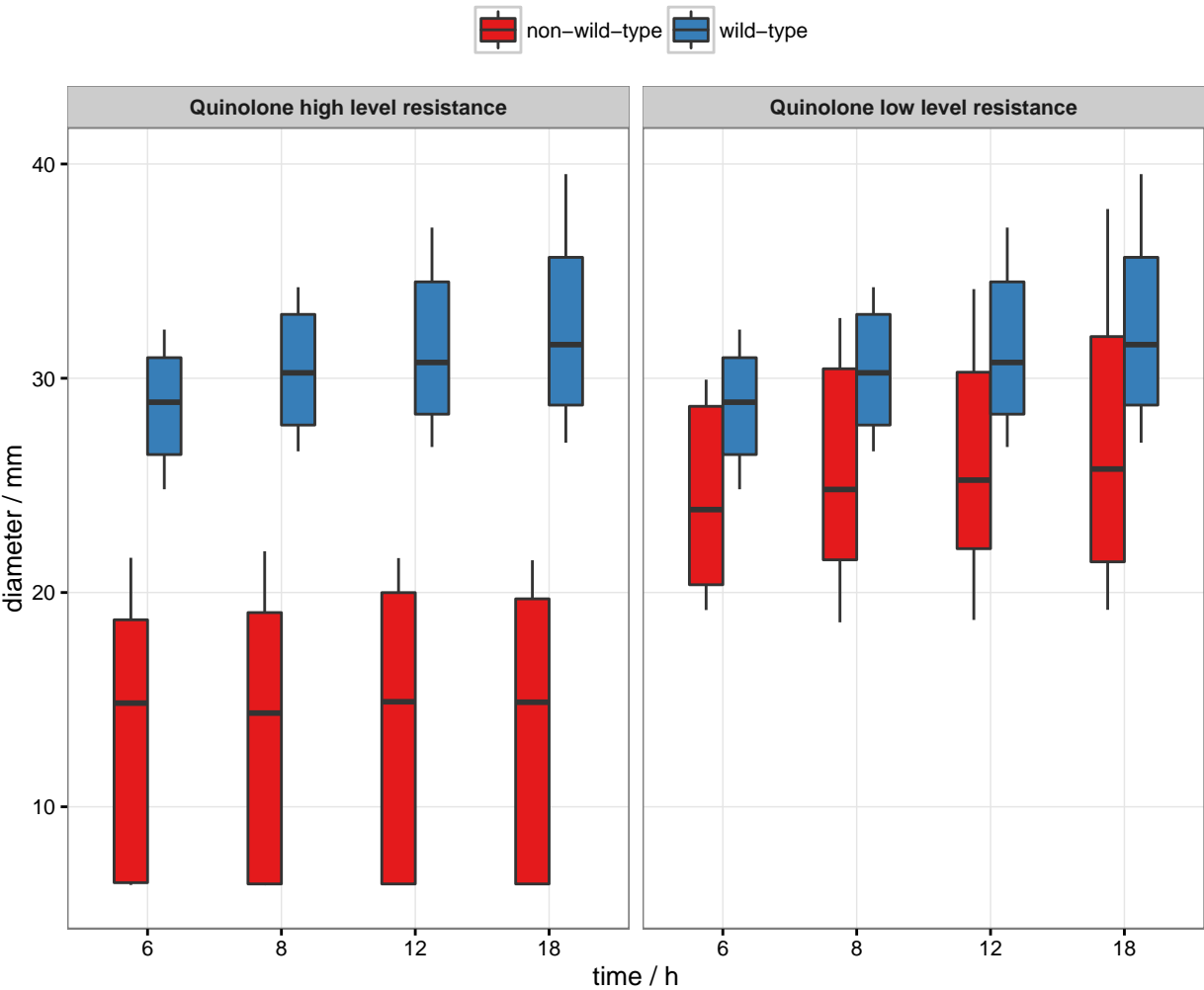


Caption or footnote for Cefuroxime / *Klebsiella pneumoniae*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

8 Ciprofloxacin

8.1 Ciprofloxacin, *Enterobacter cloacae*

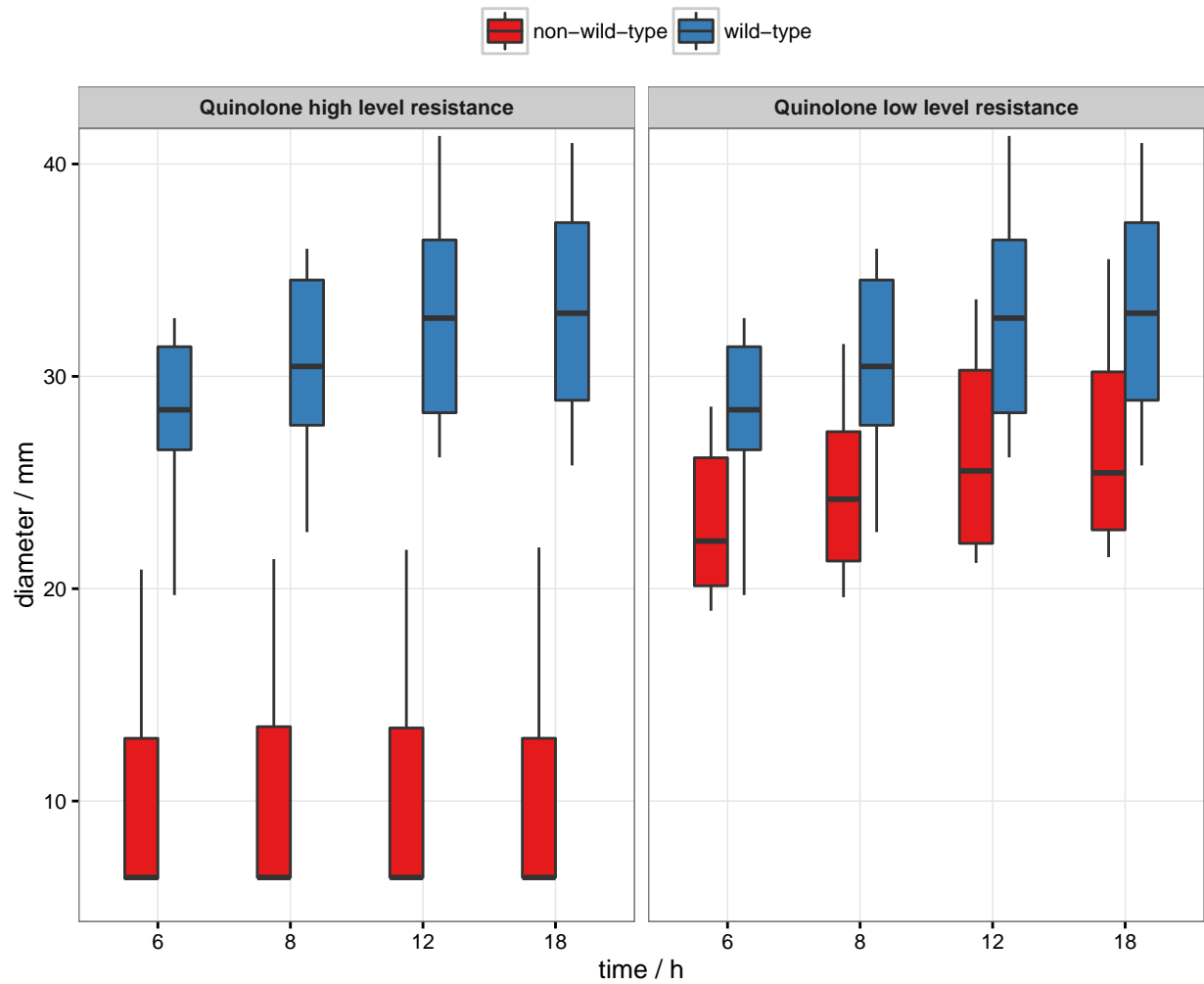
phenotype	n
Quinolone high level resistance	92
Quinolone low level resistance	65
Quinolone wild-type	144



Caption or footnote for Ciprofloxacin / *Enterobacter cloacae*, 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 Ciprofloxacin, *Escherichia coli*

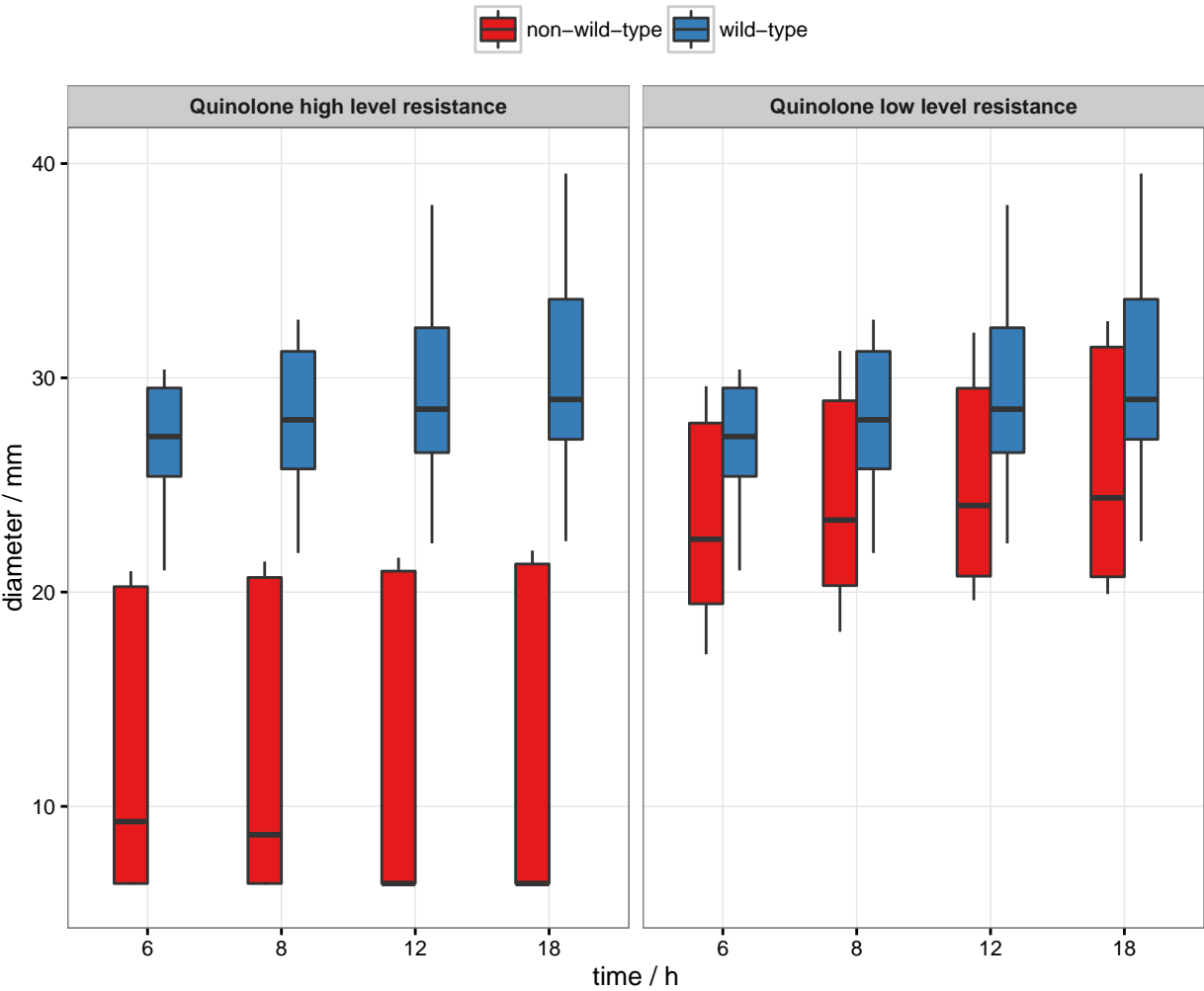
phenotype	n
Quinolone high level resistance	259
Quinolone low level resistance	81
Quinolone wild-type	135



Caption or footnote for Ciprofloxacin / *Escherichia coli*, 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.

8.3 Ciprofloxacin, *Klebsiella pneumoniae*

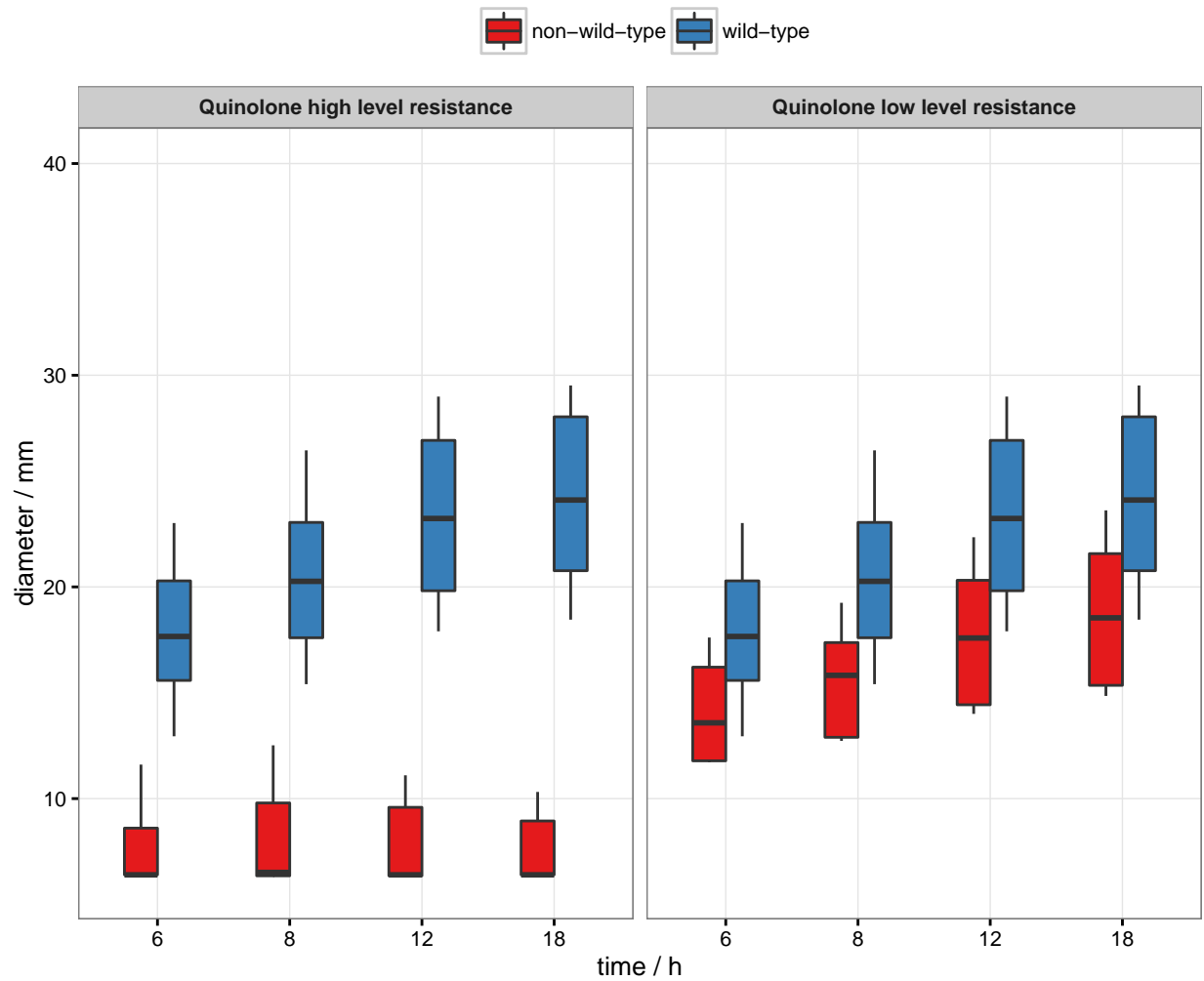
phenotype	n
Quinolone high level resistance	140
Quinolone low level resistance	117
Quinolone wild-type	119



Caption or footnote for Ciprofloxacin / *Klebsiella pneumoniae*, 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.

8.4 Ciprofloxacin, *Staphylococcus aureus*

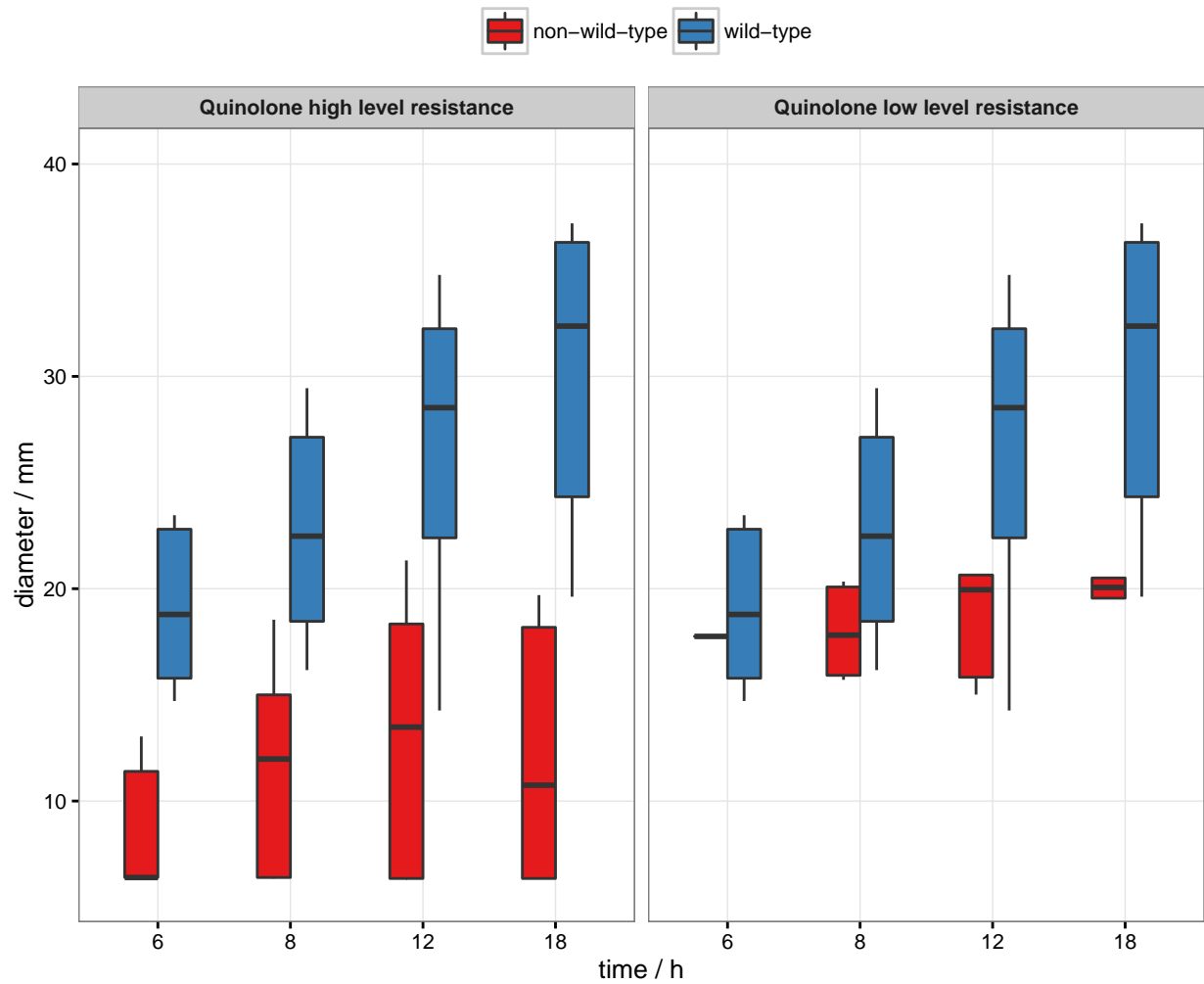
phenotype	n
Quinolone high level resistance	58
Quinolone low level resistance	23
Quinolone wild-type	326



Caption or footnote for Ciprofloxacin / *Staphylococcus aureus*, 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.

8.5 Ciprofloxacin, *Staphylococcus epidermidis*

phenotype	n
Quinolone high level resistance	178
Quinolone low level resistance	5
Quinolone wild-type	111

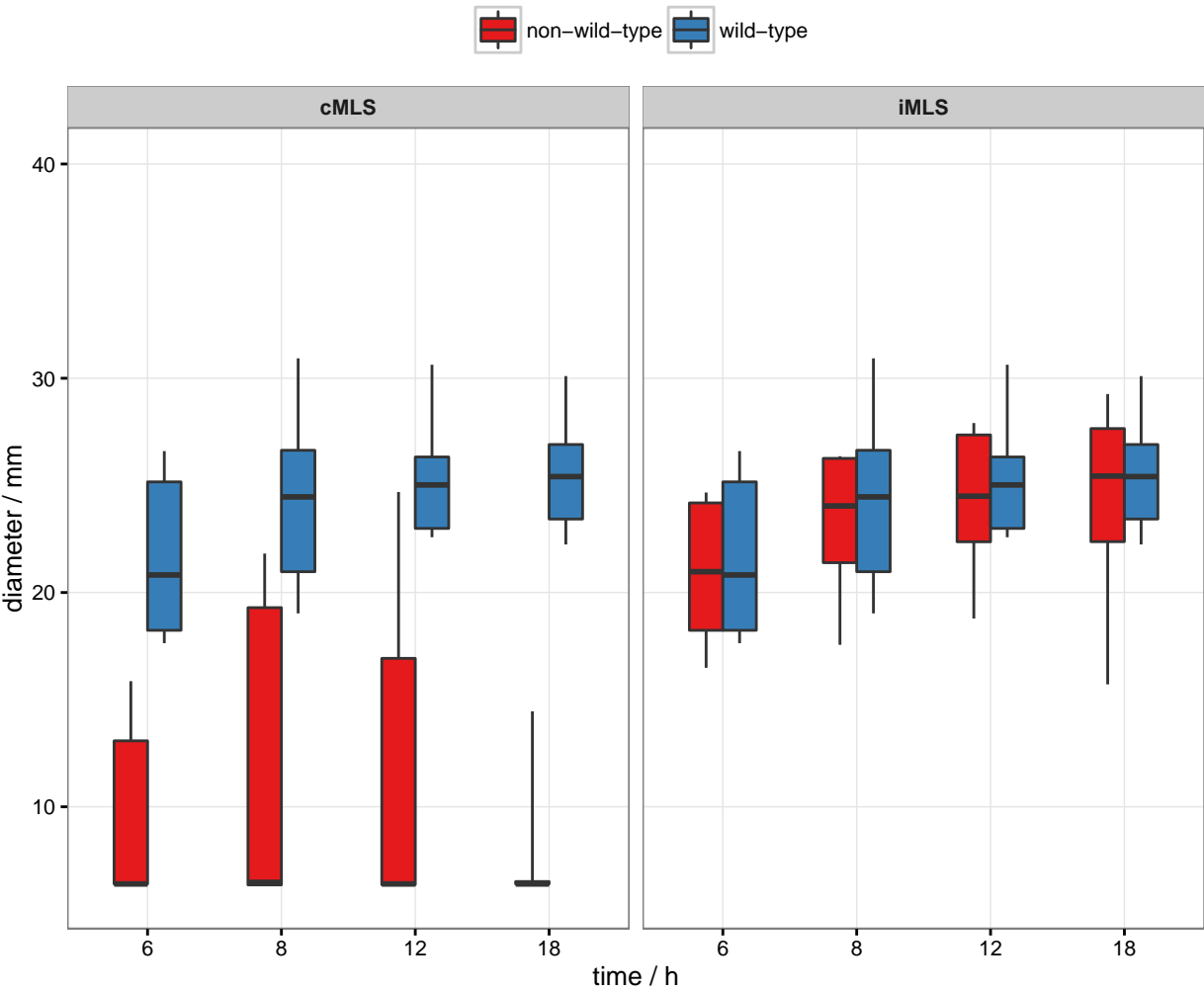


Caption or footnote for Ciprofloxacin / *Staphylococcus epidermidis*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

9 Clindamycin

9.1 Clindamycin, *Staphylococcus aureus*

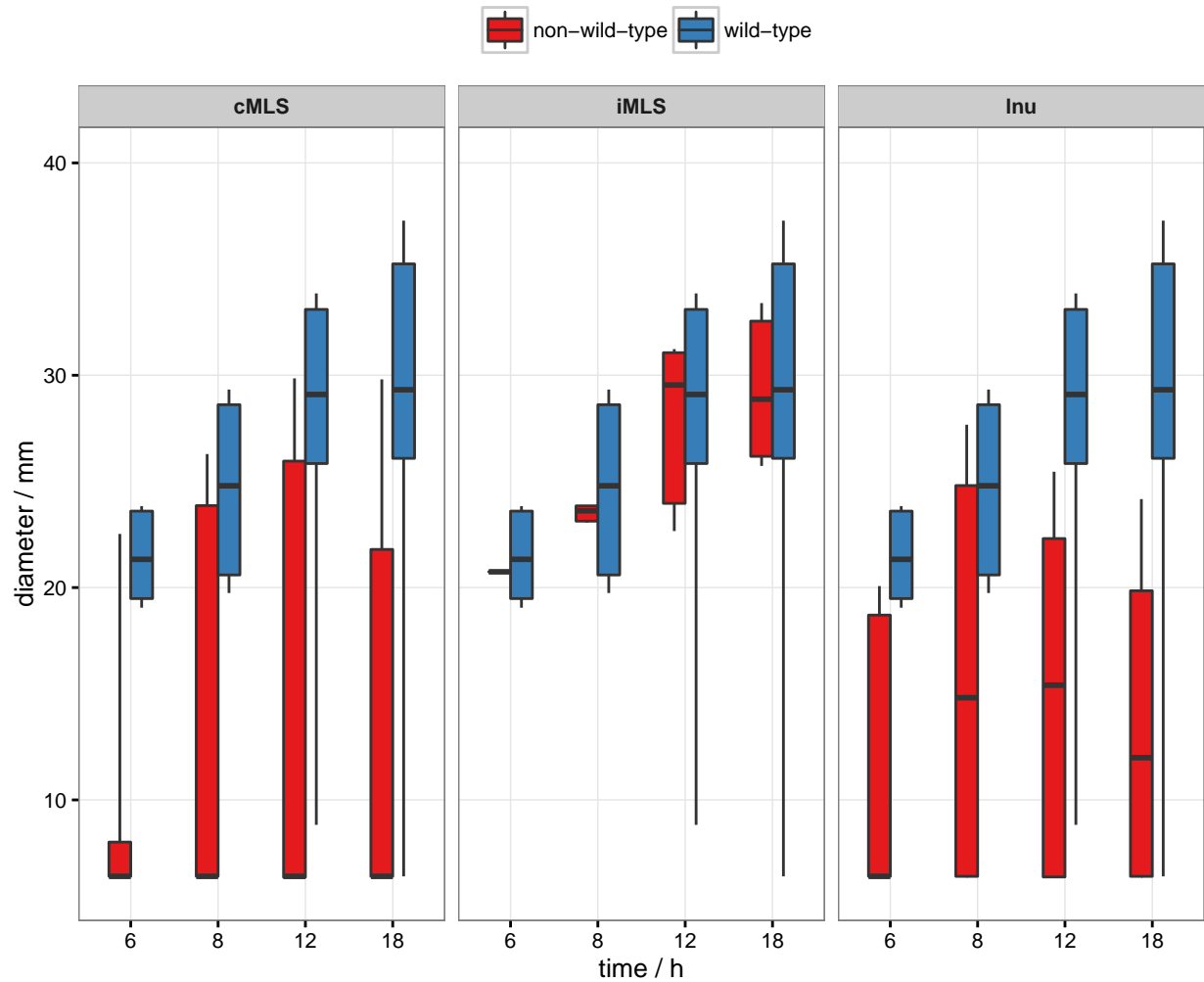
phenotype	n
cMLS	26
iMLS	44
Wild-type	97



Caption or footnote for Clindamycin / *Staphylococcus aureus*, 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 Clindamycin, *Staphylococcus epidermidis*

phenotype	n
cMLS	22
iMLS	5
lnu	9
Wild-type	83

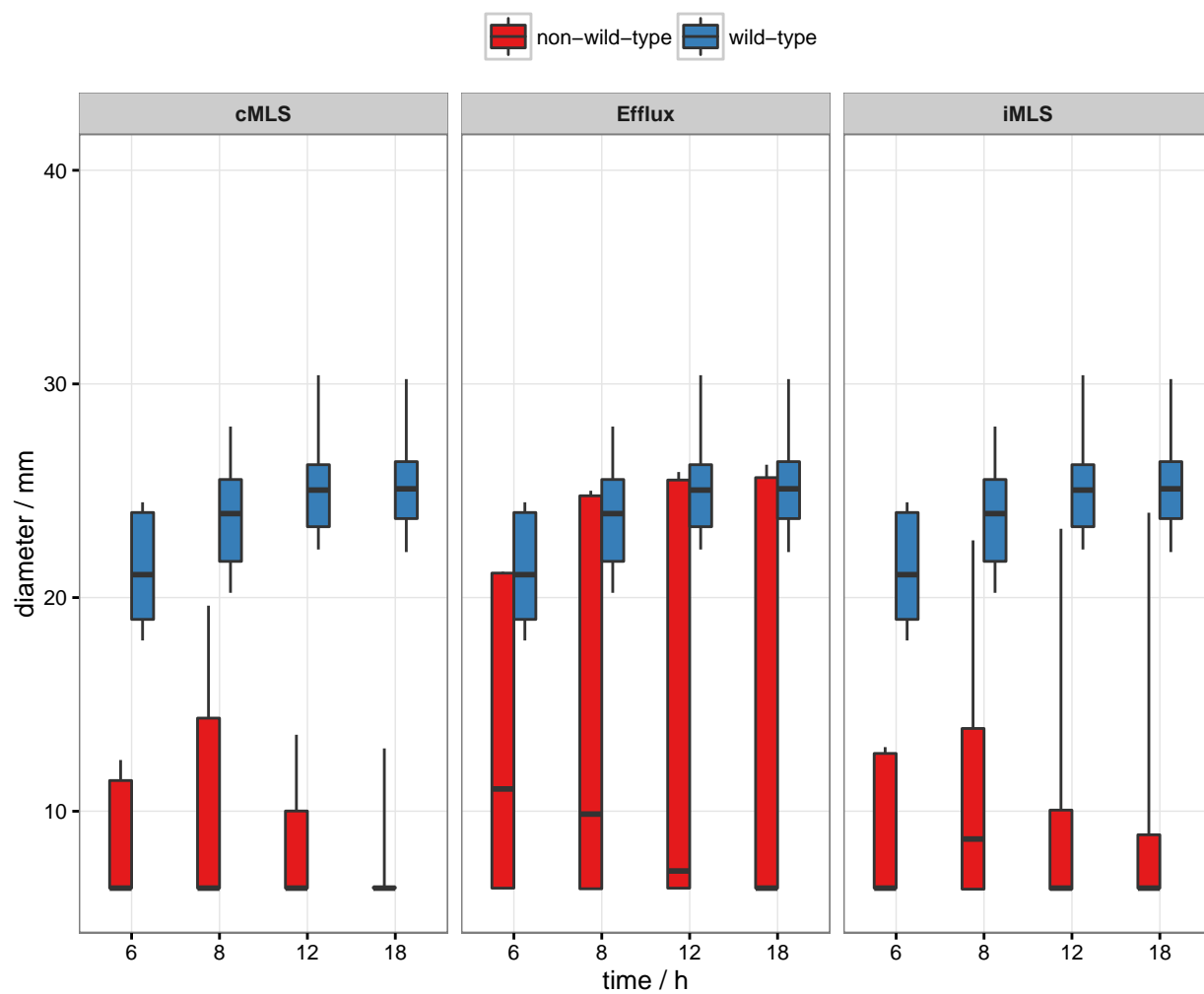


Caption or footnote for Clindamycin / *Staphylococcus epidermidis*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

10 Erythromycin

10.1 Erythromycin, *Staphylococcus aureus*

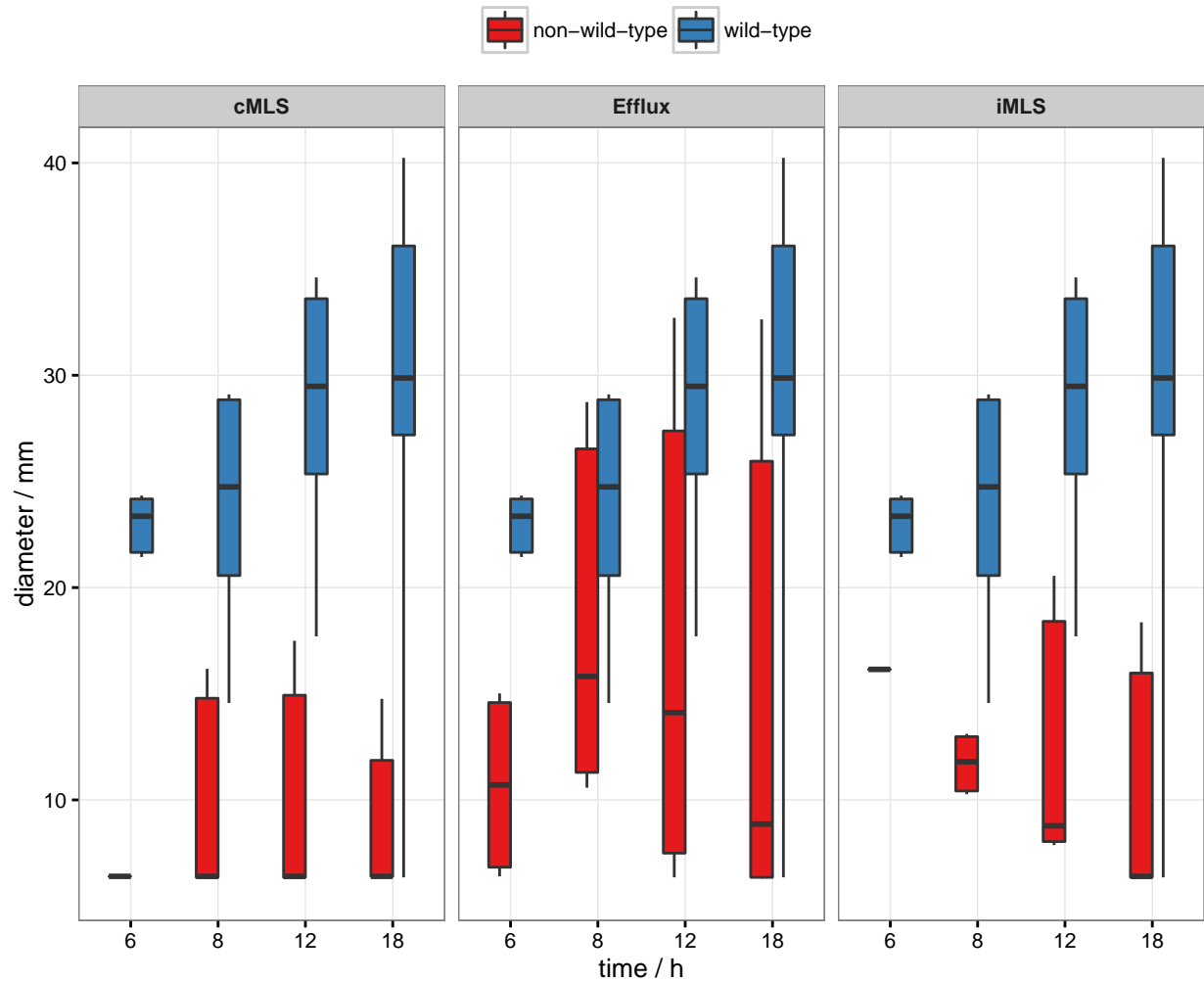
phenotype	n
cMLS	26
Efflux	22
iMLS	44
Wild-type	75



Caption or footnote for Erythromycin / *Staphylococcus aureus*, 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 Erythromycin, *Staphylococcus epidermidis*

phenotype	n
cMLS	22
Efflux	28
iMLS	5
Wild-type	64

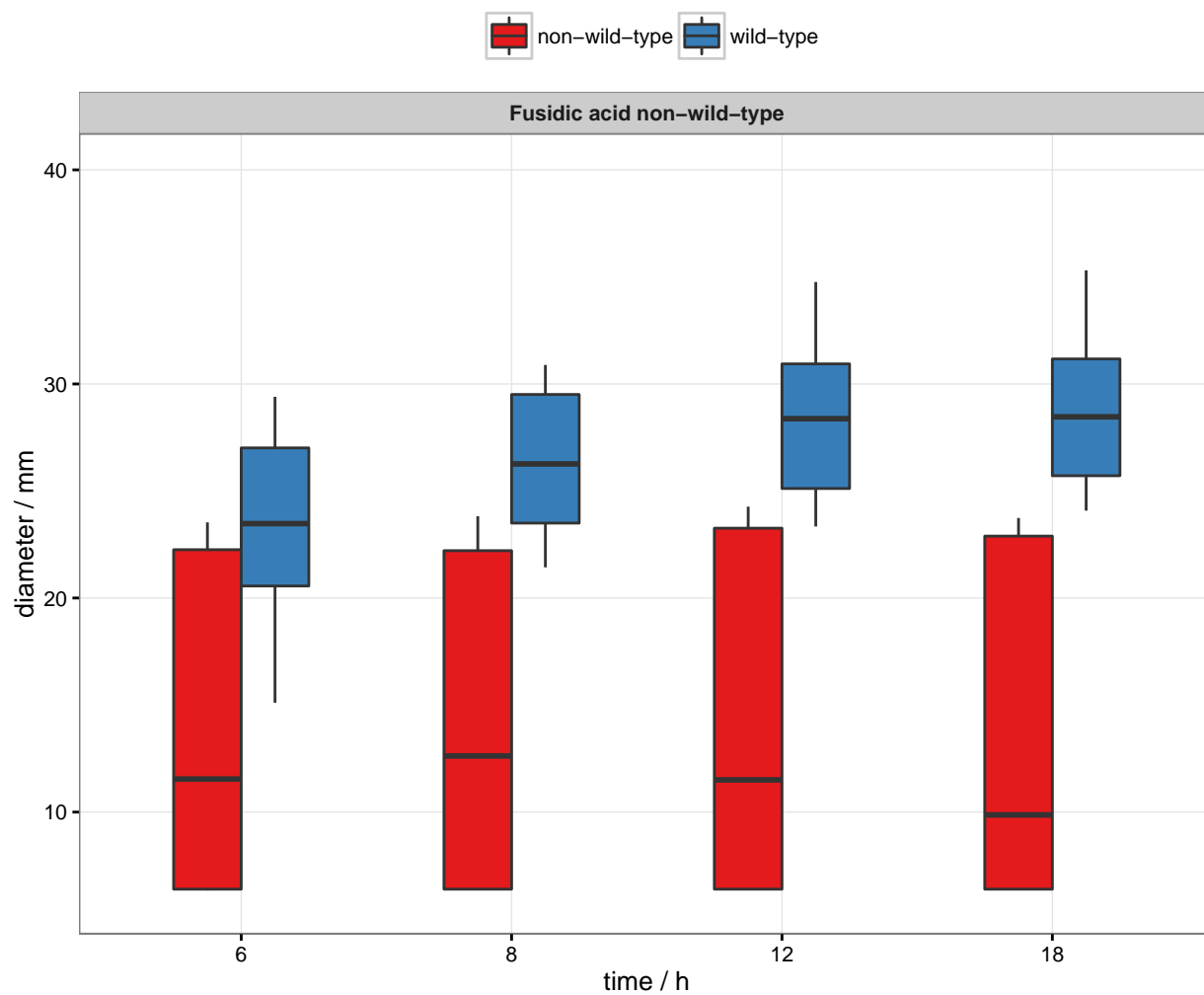


Caption or footnote for Erythromycin / *Staphylococcus epidermidis*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

11 Fusidic acid

11.1 Fusidic acid, *Staphylococcus aureus*

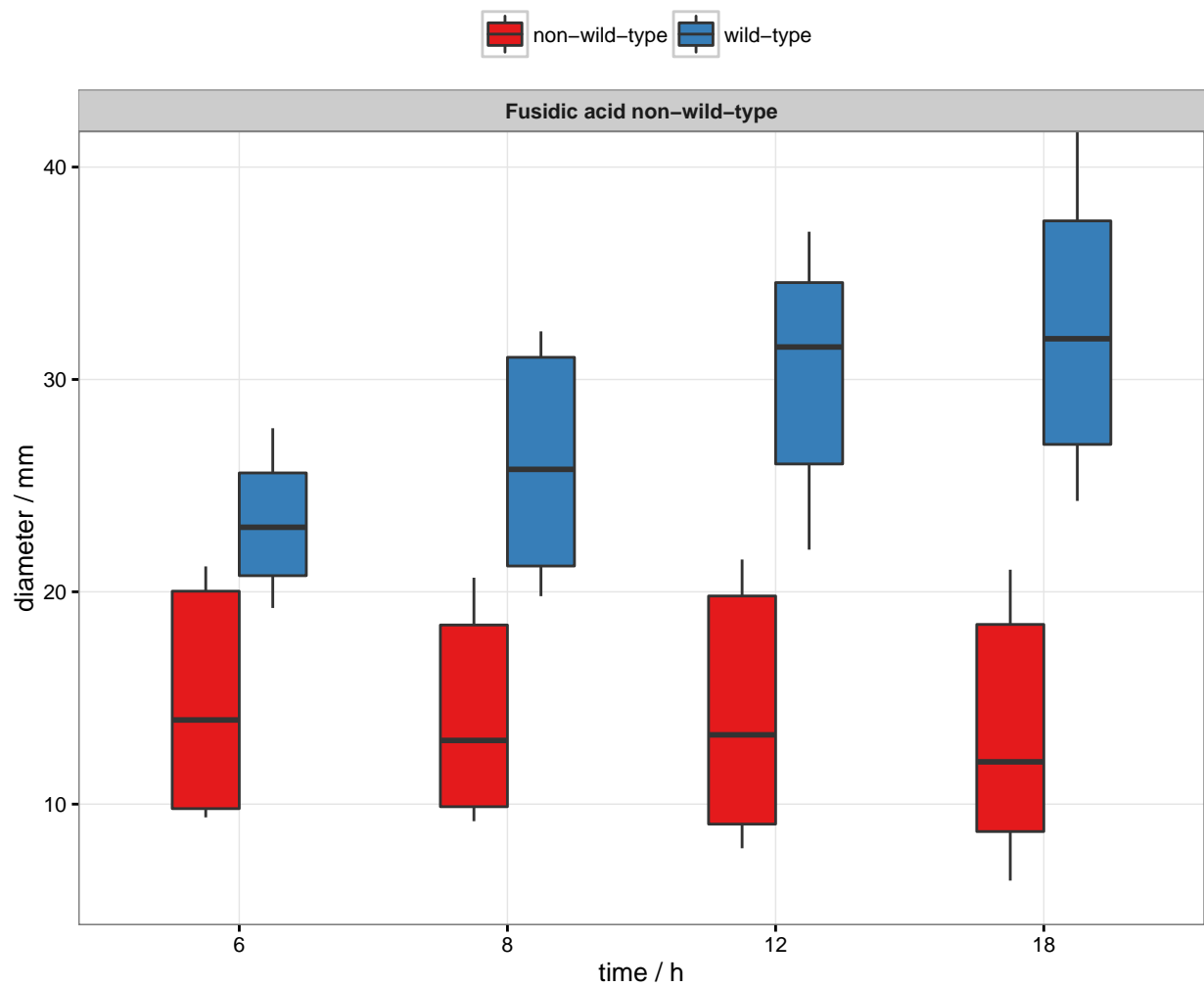
phenotype	n
Fusidic acid non-wild-type	37
Fusidic acid wild-type	370



Caption or footnote for Fusidic acid / *Staphylococcus aureus*, 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.

11.2 Fusidic acid, *Staphylococcus epidermidis*

phenotype	n
Fusidic acid non-wild-type	150
Fusidic acid wild-type	144

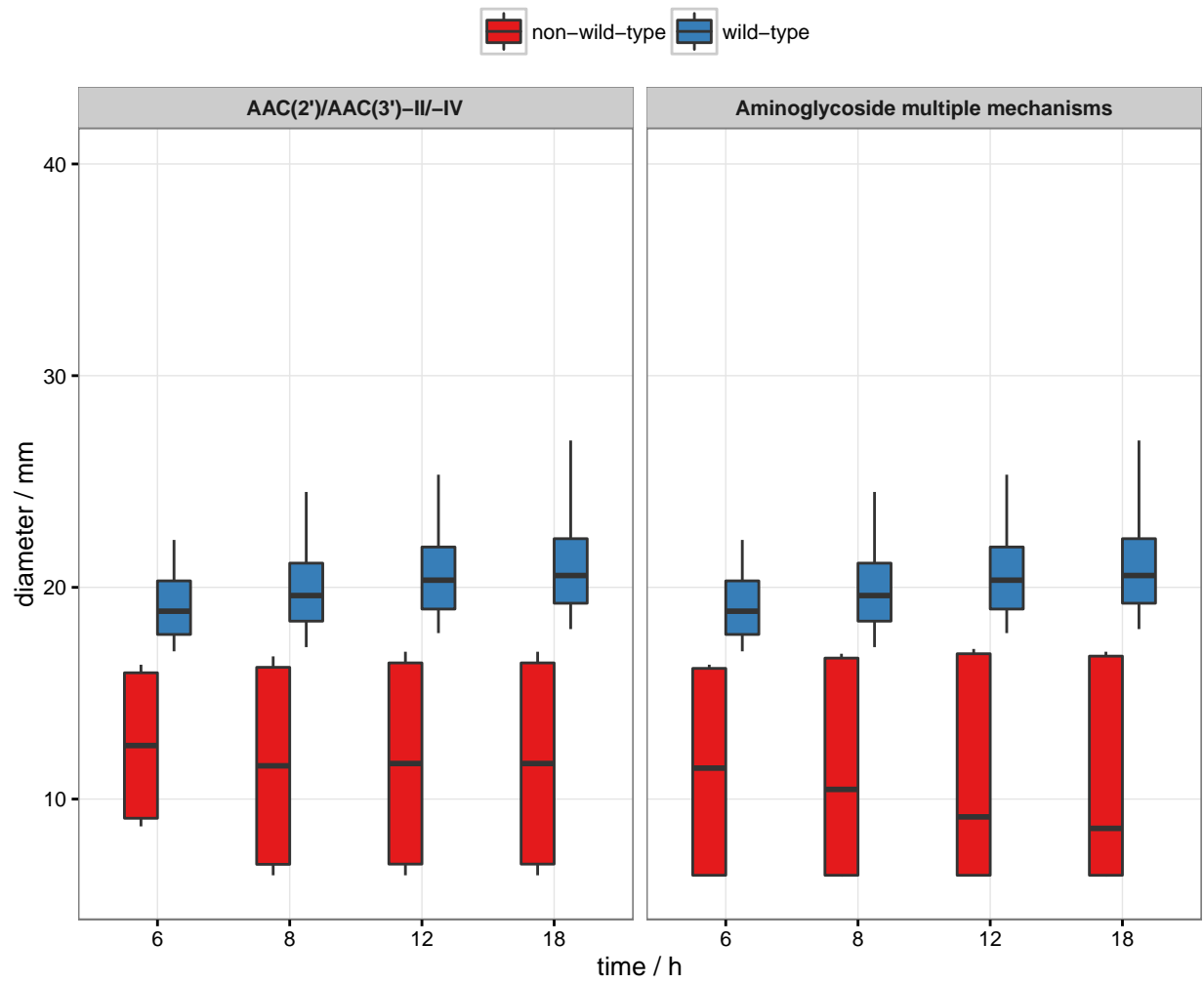


Caption or footnote for Fusidic acid / *Staphylococcus epidermidis*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

12 Gentamicin

12.1 Gentamicin, *Enterobacter cloacae*

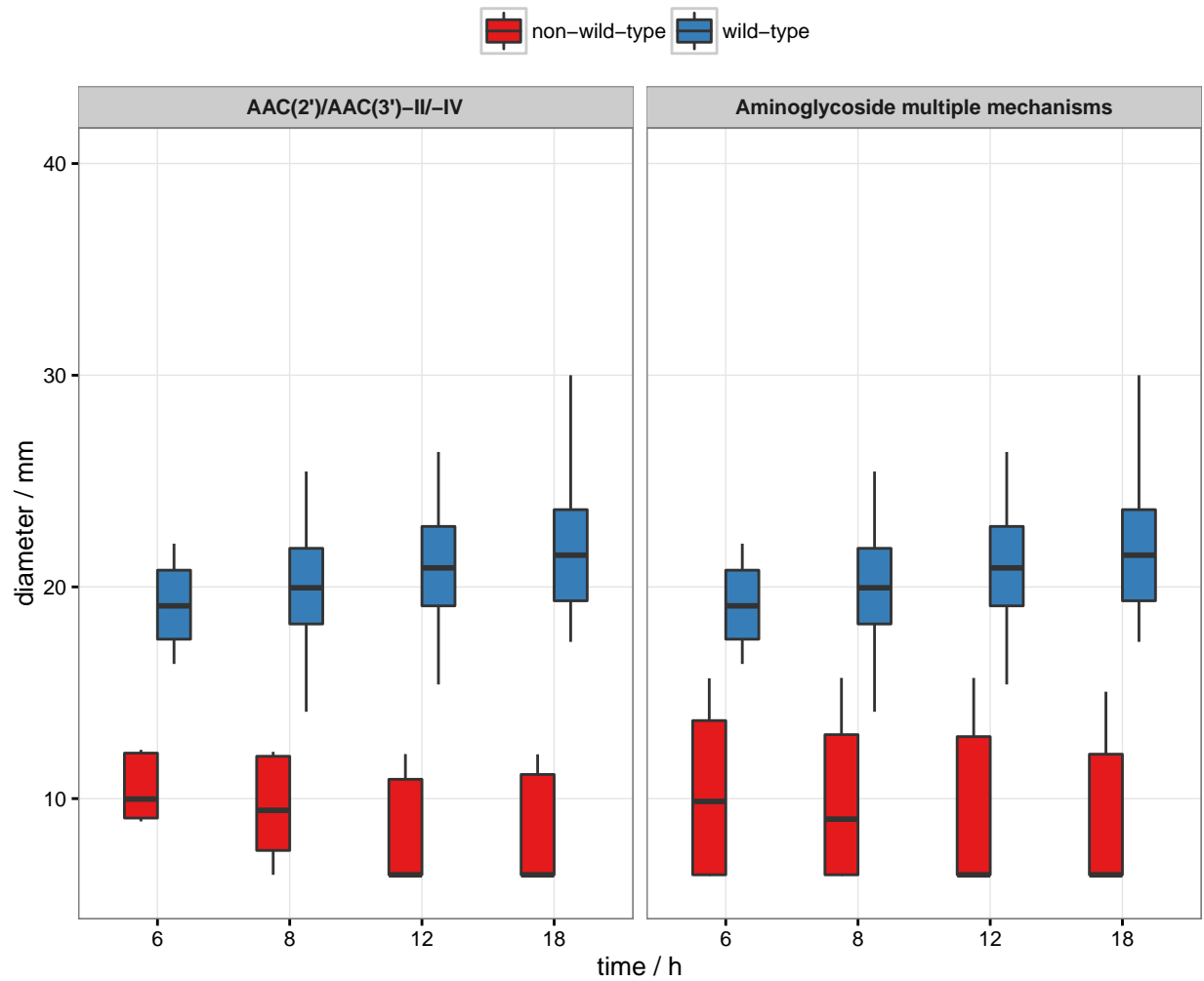
phenotype	n
AAC(2')/AAC(3')-II/-IV	2
Aminoglycoside multiple mechanisms	84
Aminoglycoside wild-type	213



Caption or footnote for Gentamicin / *Enterobacter cloacae*, 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.

12.2 Gentamicin, *Escherichia coli*

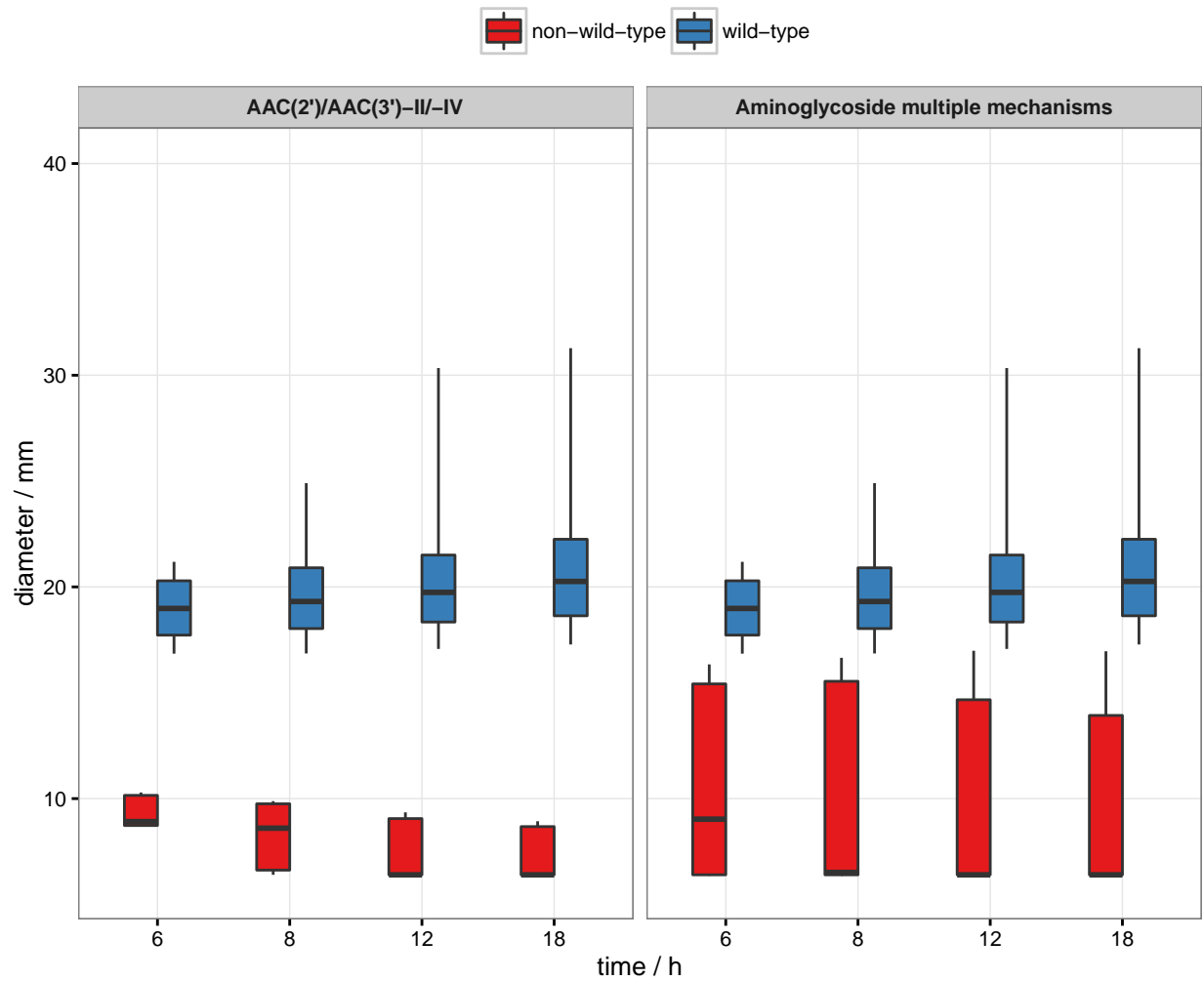
phenotype	n
AAC(2')/AAC(3')-II/-IV	11
Aminoglycoside multiple mechanisms	113
Aminoglycoside wild-type	349



Caption or footnote for Gentamicin / *Escherichia coli*, 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.

12.3 Gentamicin, *Klebsiella pneumoniae*

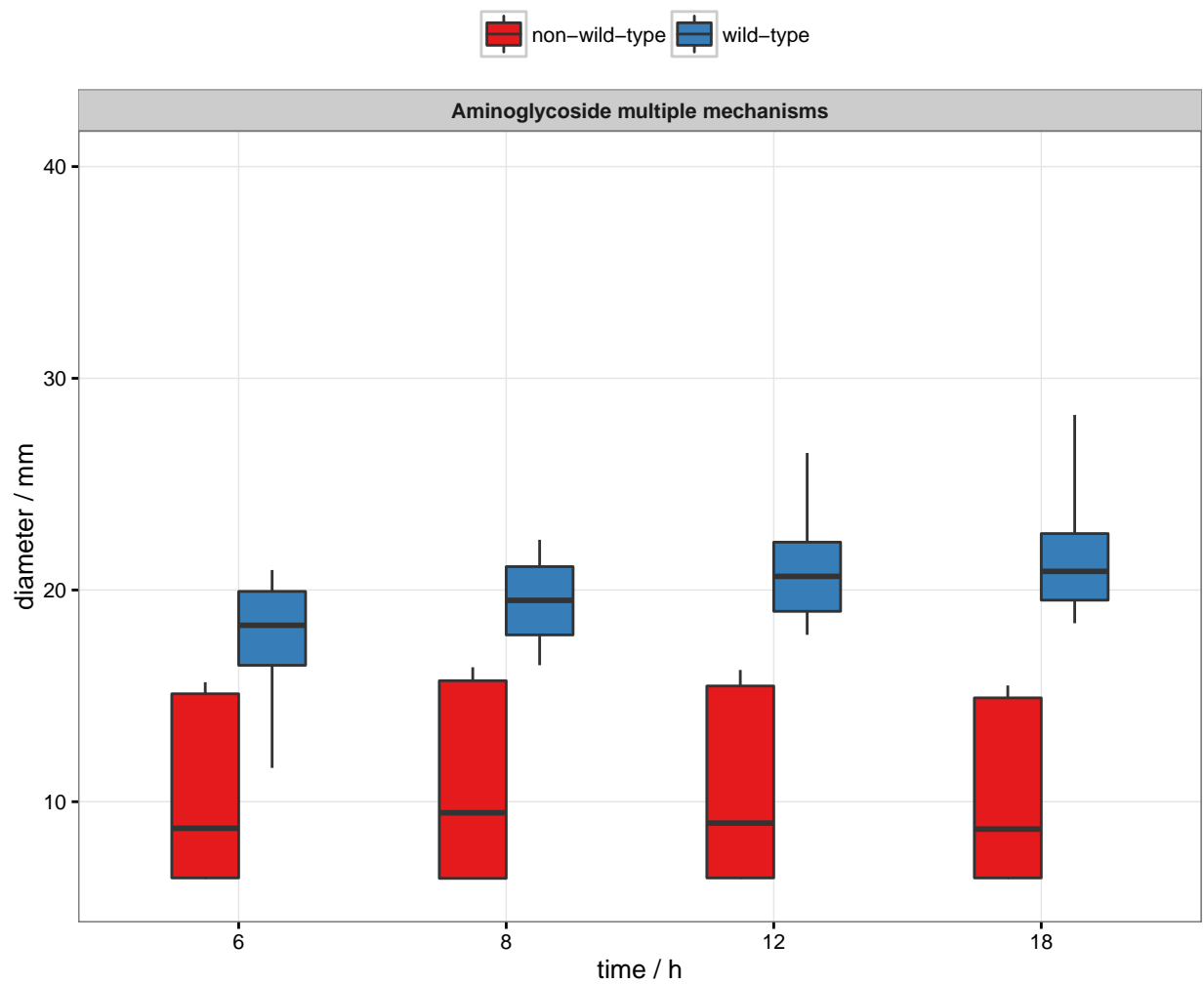
phenotype	n
AAC(2')/AAC(3')-II/-IV	3
Aminoglycoside multiple mechanisms	72
Aminoglycoside wild-type	300



Caption or footnote for Gentamicin / *Klebsiella pneumoniae*, 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.

12.4 Gentamicin, *Staphylococcus aureus*

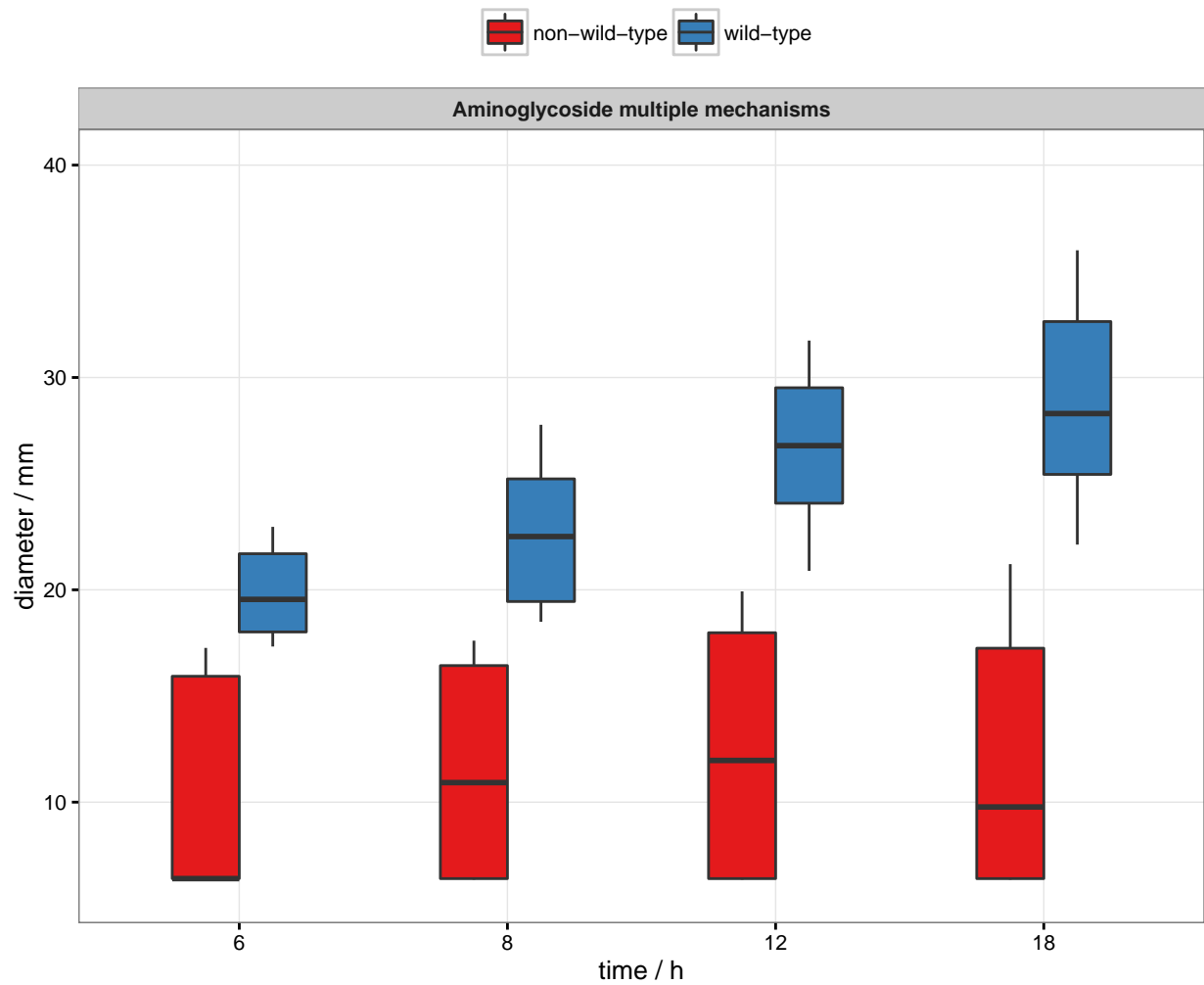
phenotype	n
Aminoglycoside multiple mechanisms	12
Aminoglycoside wild-type	393



Caption or footnote for Gentamicin / *Staphylococcus aureus*, 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.

12.5 Gentamicin, *Staphylococcus epidermidis*

phenotype	n
Aminoglycoside multiple mechanisms	148
Aminoglycoside wild-type	127

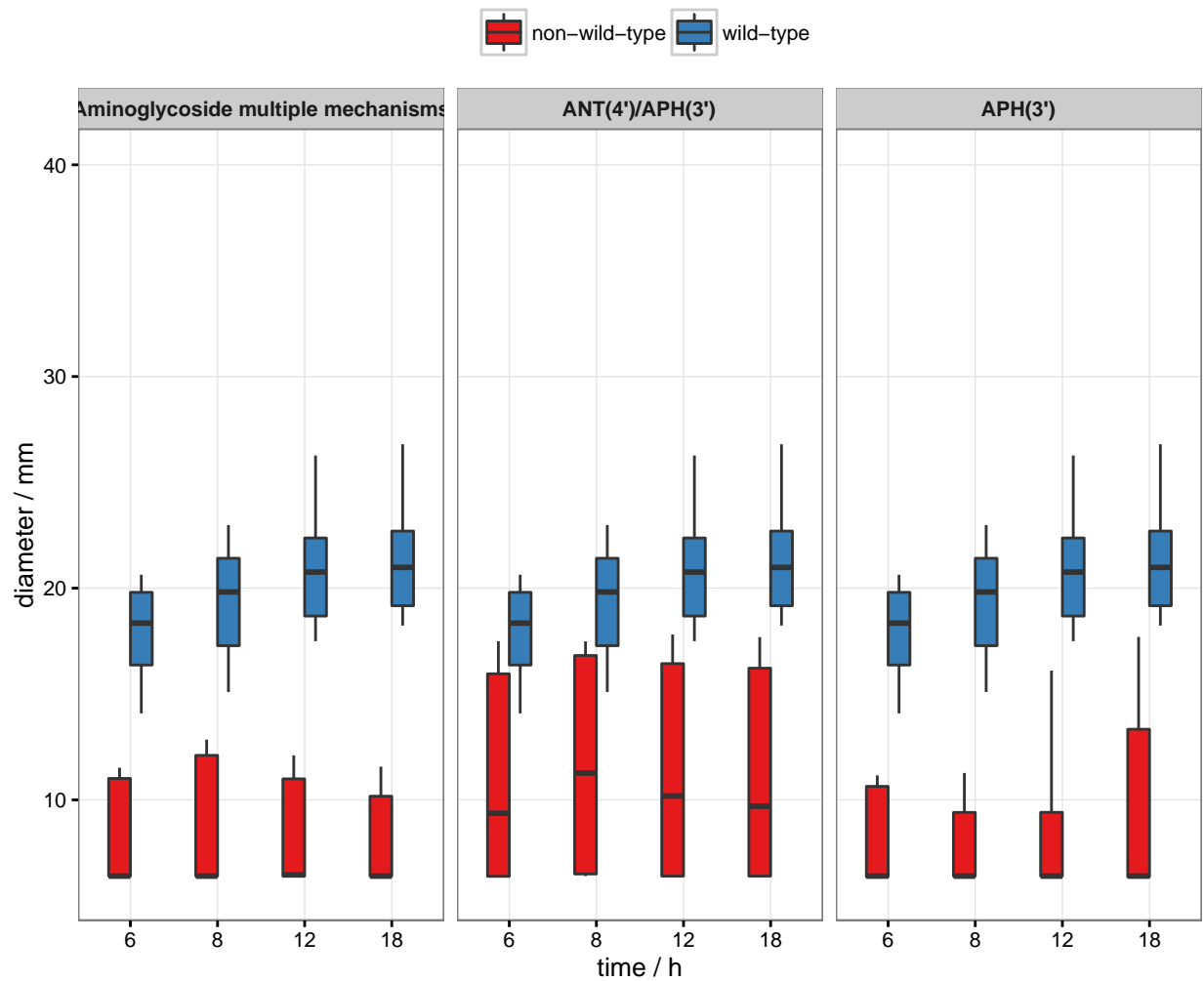


Caption or footnote for Gentamicin / *Staphylococcus epidermidis*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

13 Kanamycine

13.1 Kanamycine, *Staphylococcus aureus*

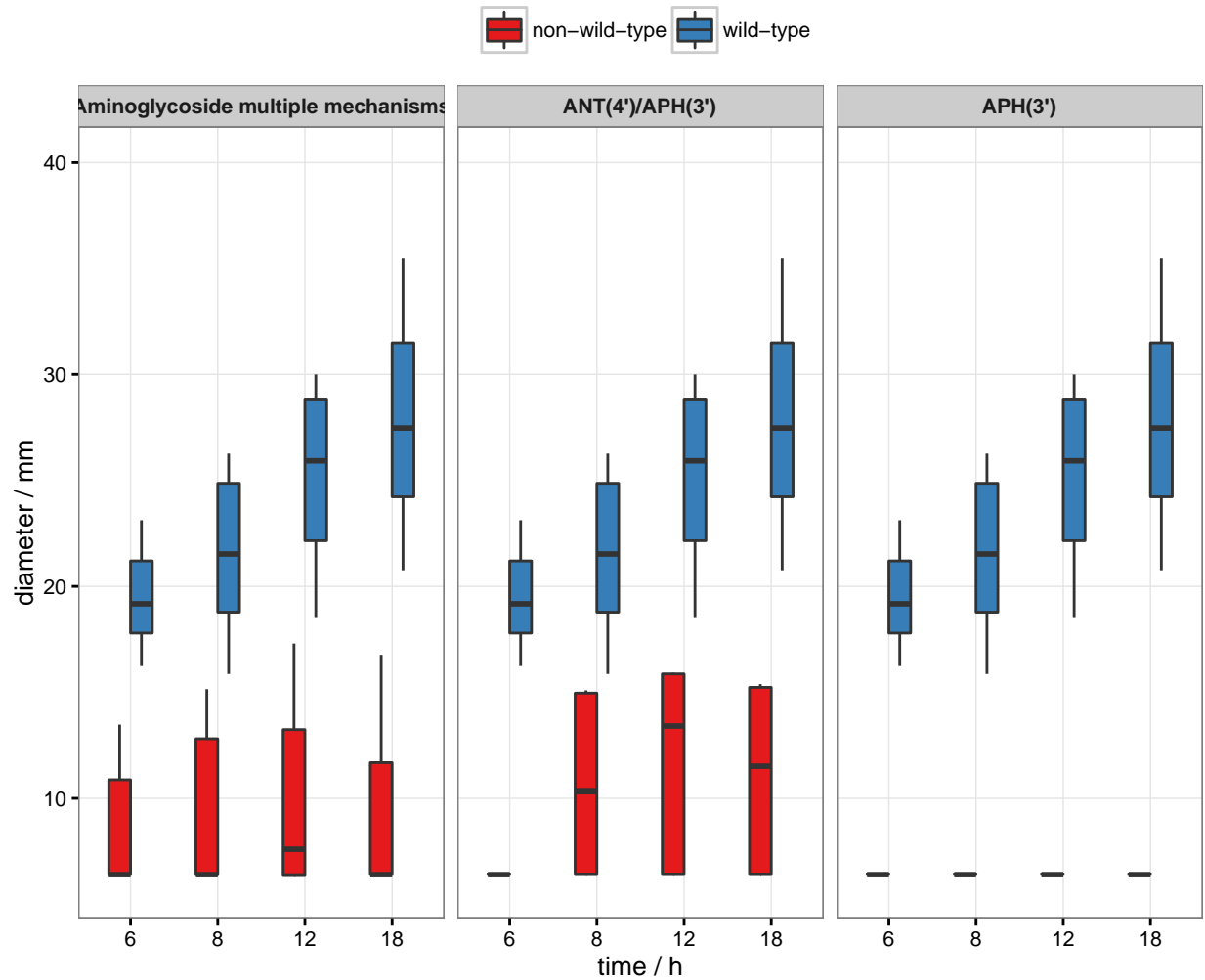
phenotype	n
Aminoglycoside multiple mechanisms	12
Aminoglycoside wild-type	344
ANT(4')/APH(3')	21
APH(3')	28



Caption or footnote for Kanamycine / *Staphylococcus aureus*, 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 Kanamycine, *Staphylococcus epidermidis*

phenotype	n
Aminoglycoside multiple mechanisms	148
Aminoglycoside wild-type	112
ANT(4')/APH(3')	10
APH(3')	5

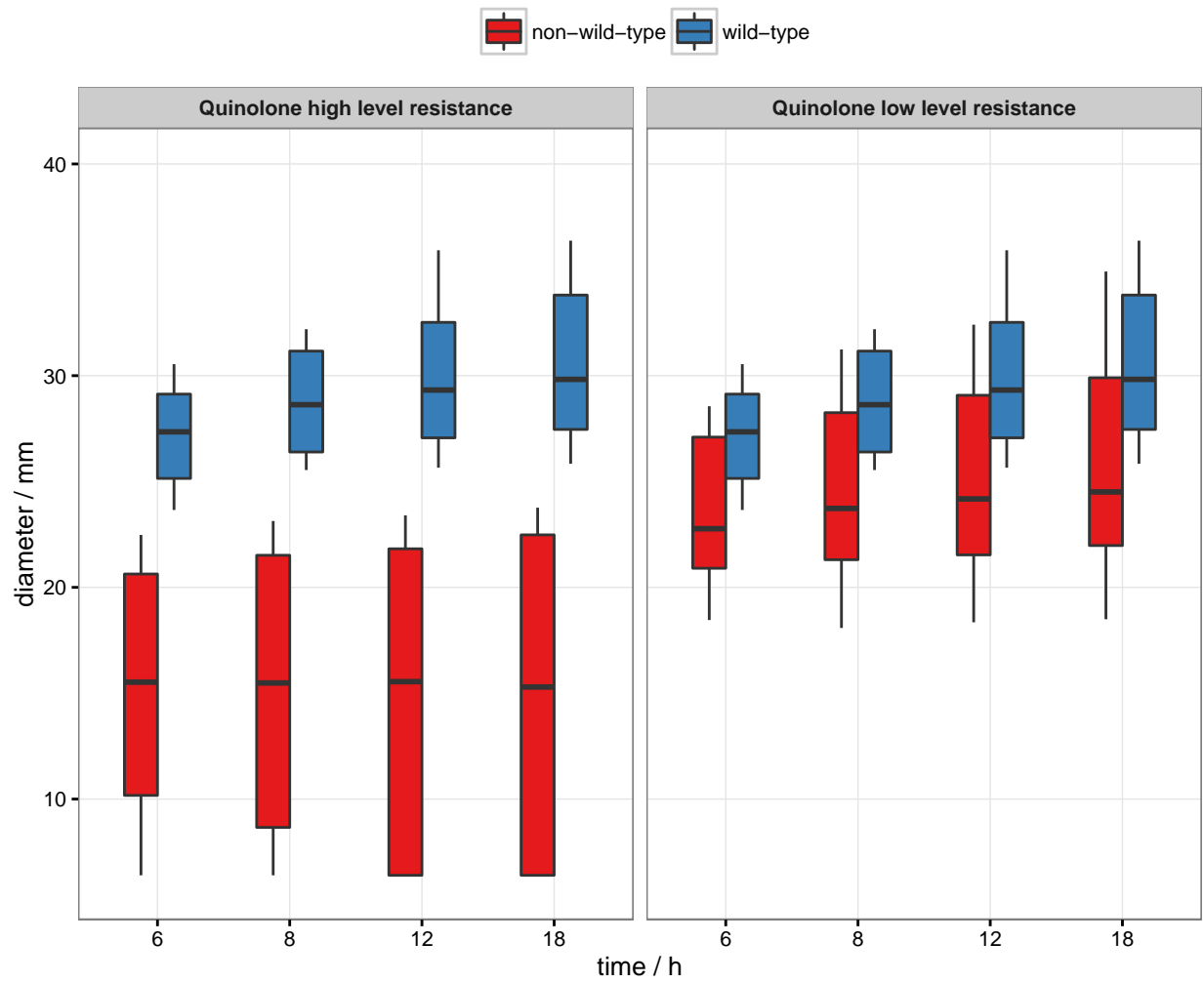


Caption or footnote for Kanamycine / *Staphylococcus epidermidis*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

14 Levofloxacin

14.1 Levofloxacin, *Enterobacter cloacae*

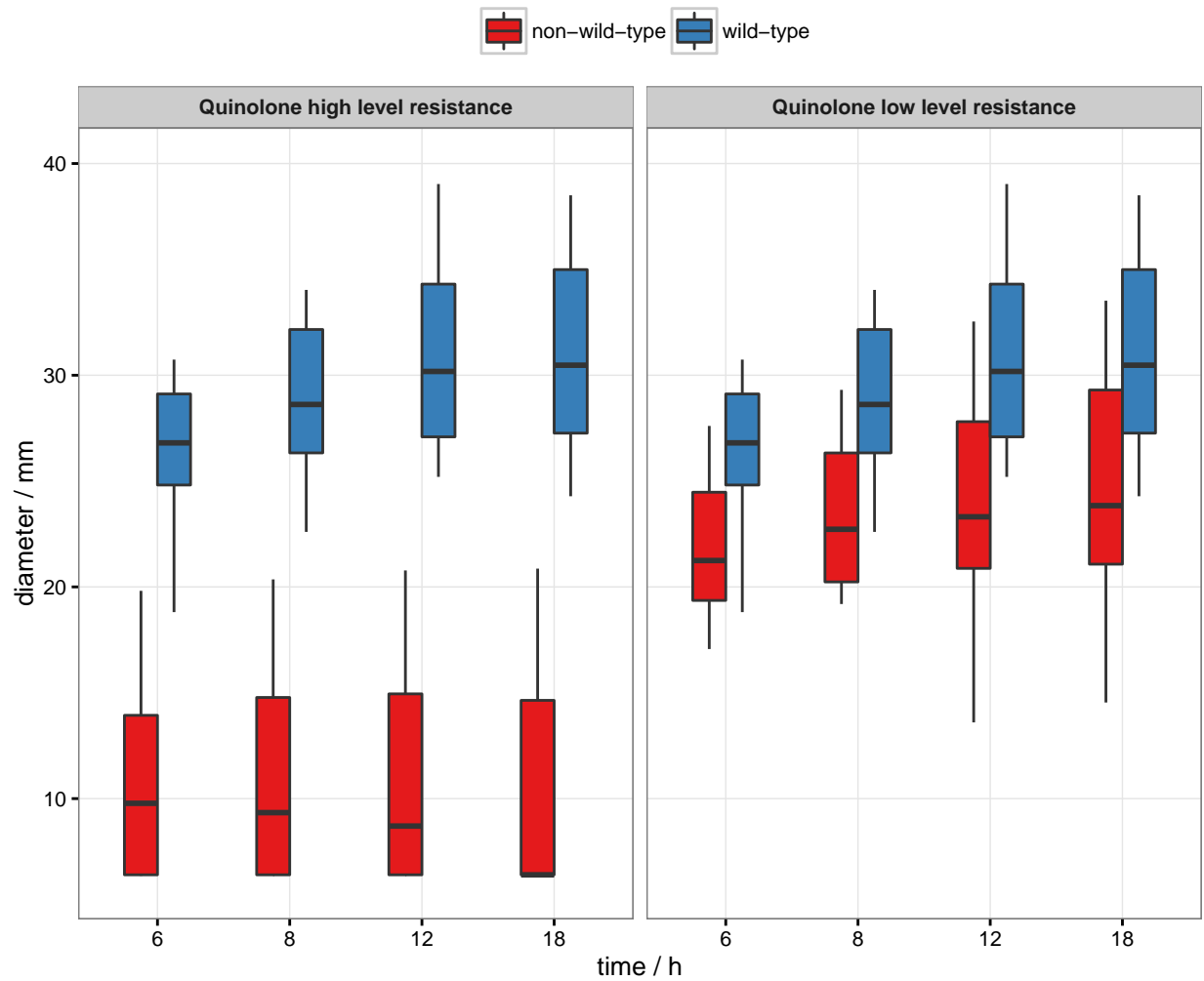
phenotype	n
Quinolone high level resistance	92
Quinolone low level resistance	65
Quinolone wild-type	144



Caption or footnote for Levofloxacin / *Enterobacter cloacae*, 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.

14.2 Levofloxacin, *Escherichia coli*

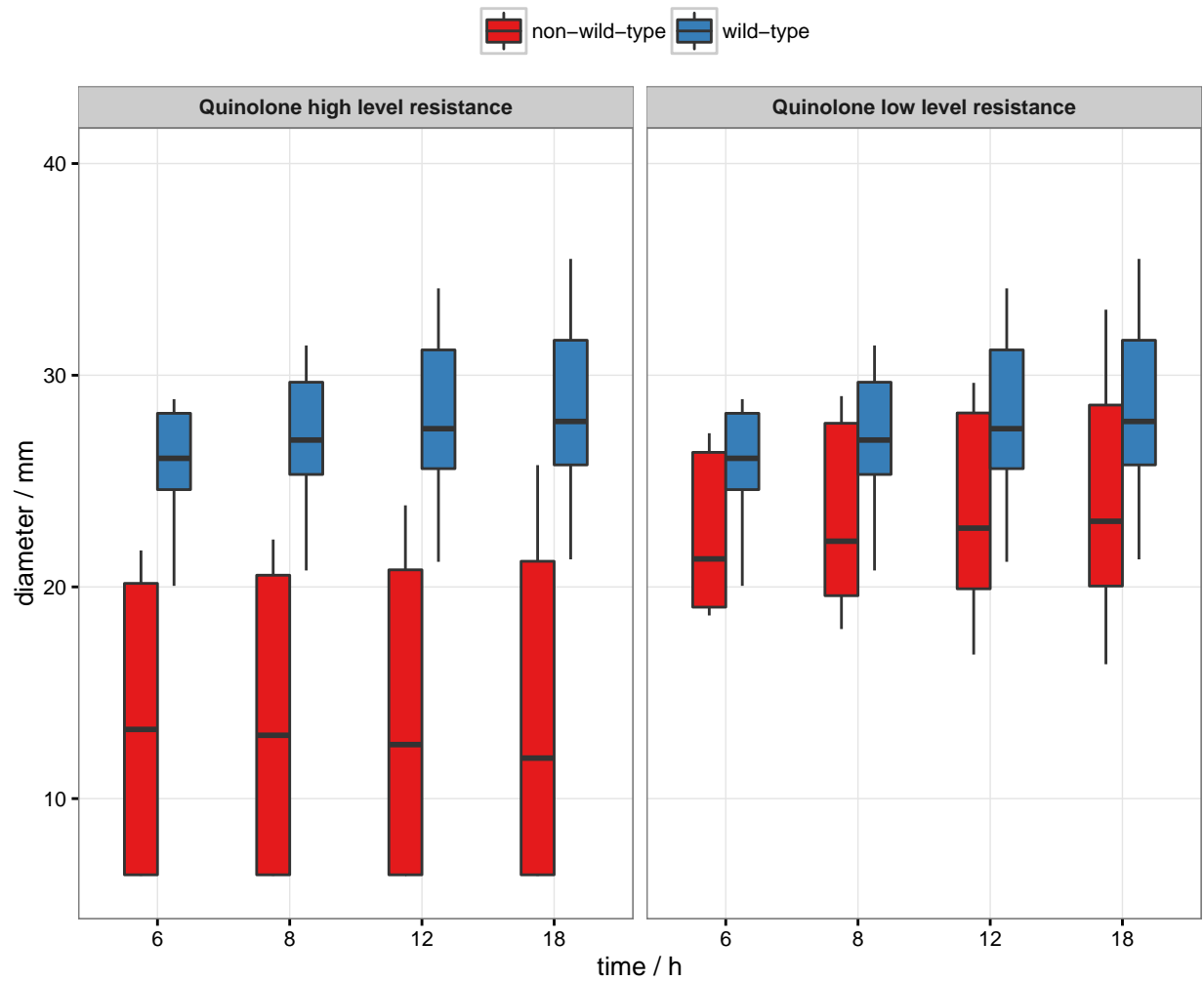
phenotype	n
Quinolone high level resistance	259
Quinolone low level resistance	81
Quinolone wild-type	135



Caption or footnote for Levofloxacin / *Escherichia coli*, 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.

14.3 Levofloxacin, *Klebsiella pneumoniae*

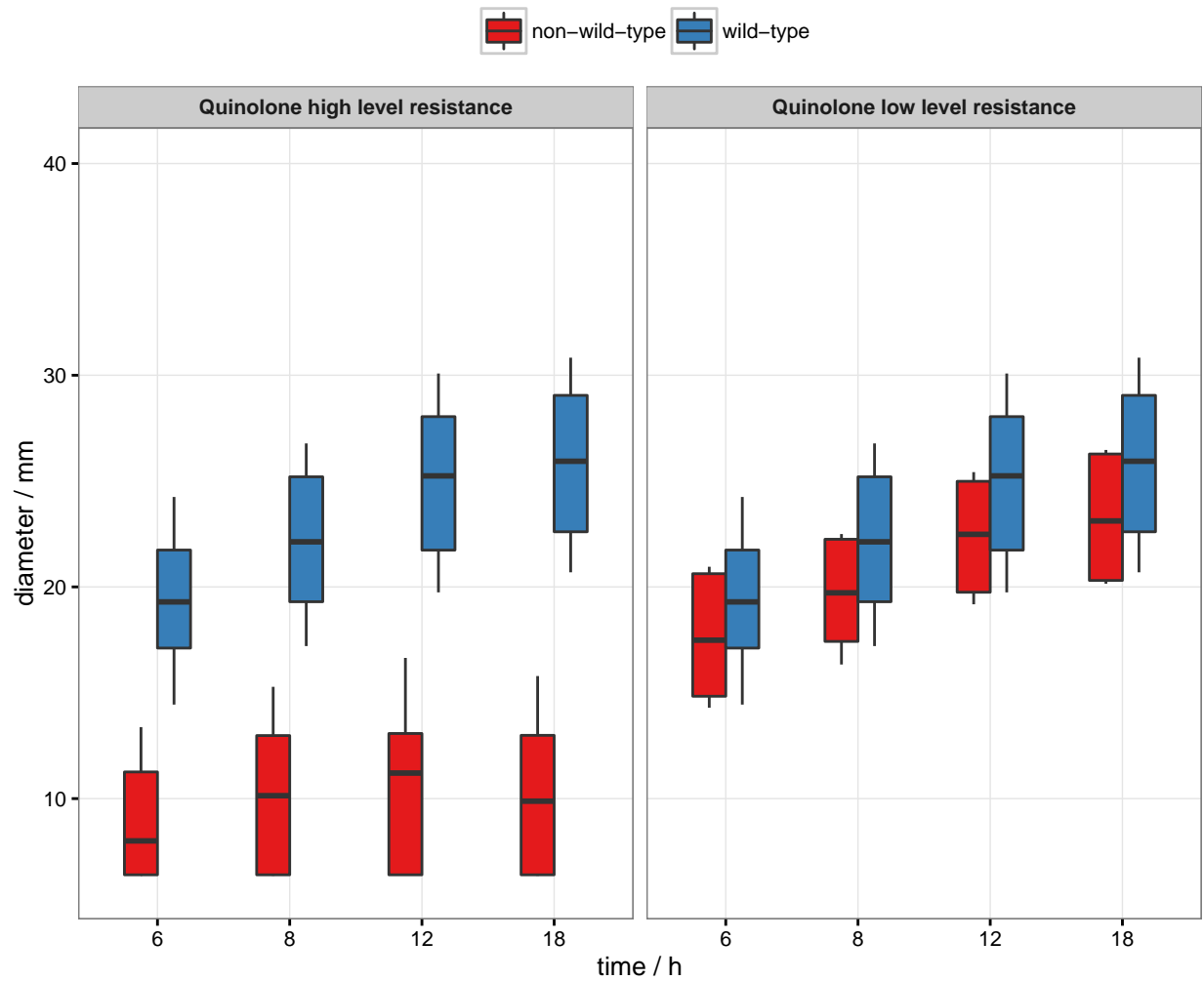
phenotype	n
Quinolone high level resistance	140
Quinolone low level resistance	117
Quinolone wild-type	119



Caption or footnote for Levofloxacin / *Klebsiella pneumoniae*, 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.

14.4 Levofloxacin, *Staphylococcus aureus*

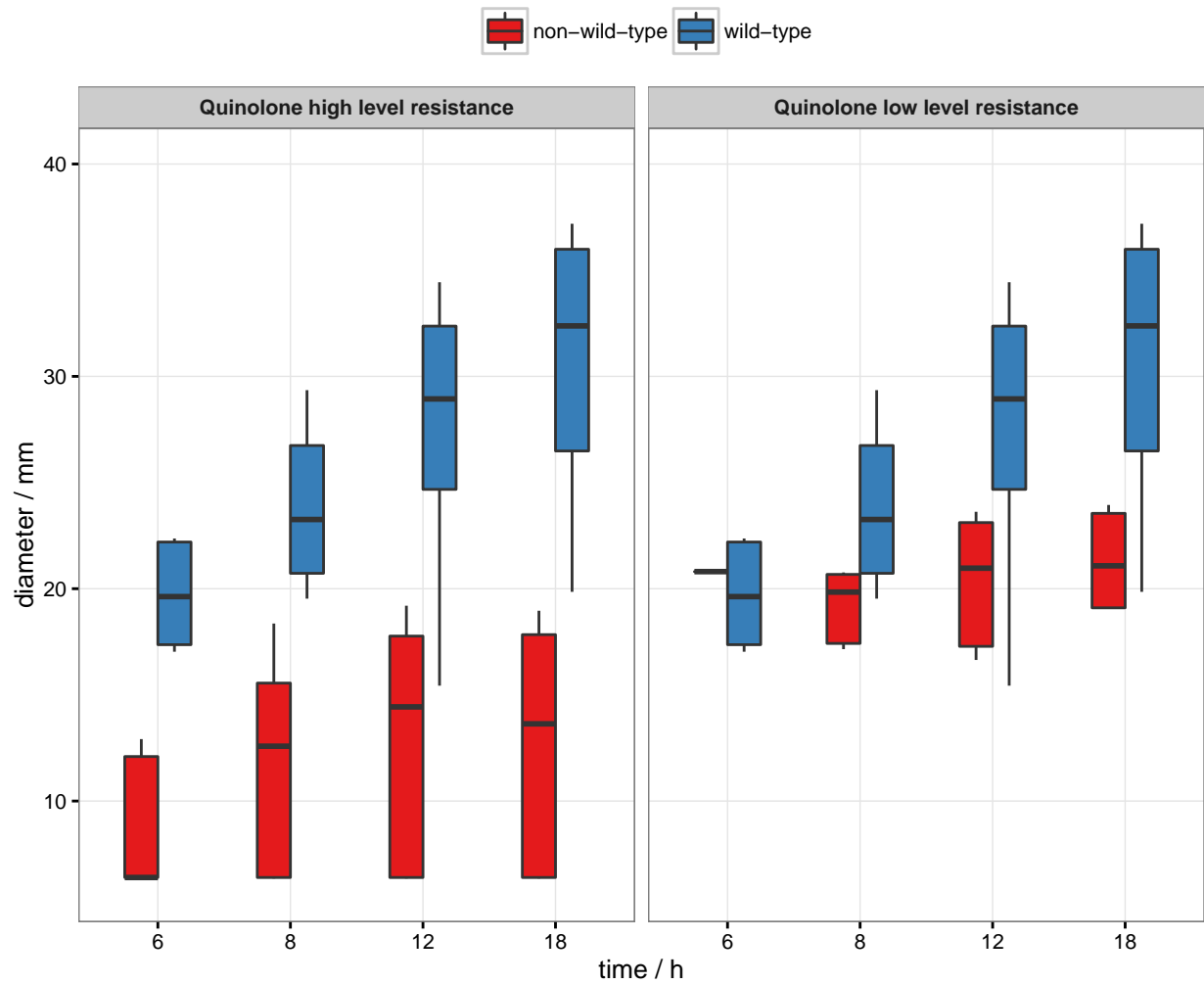
phenotype	n
Quinolone high level resistance	58
Quinolone low level resistance	23
Quinolone wild-type	326



Caption or footnote for Levofloxacin / *Staphylococcus aureus*, 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.

14.5 Levofloxacin, *Staphylococcus epidermidis*

phenotype	n
Quinolone high level resistance	178
Quinolone low level resistance	5
Quinolone wild-type	111

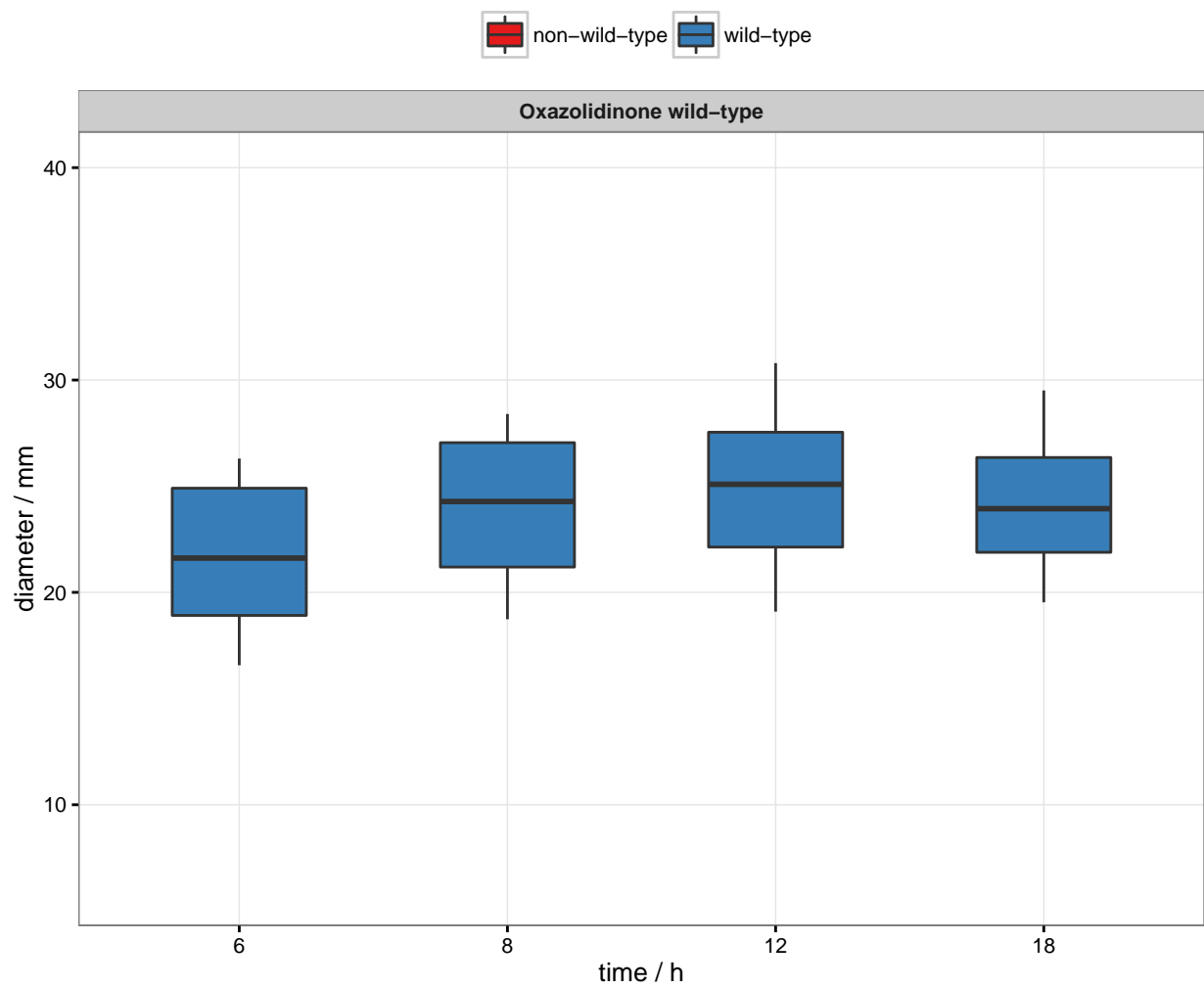


Caption or footnote for Levofloxacin / *Staphylococcus epidermidis*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

15 Linezolid

15.1 Linezolid, *Staphylococcus aureus*

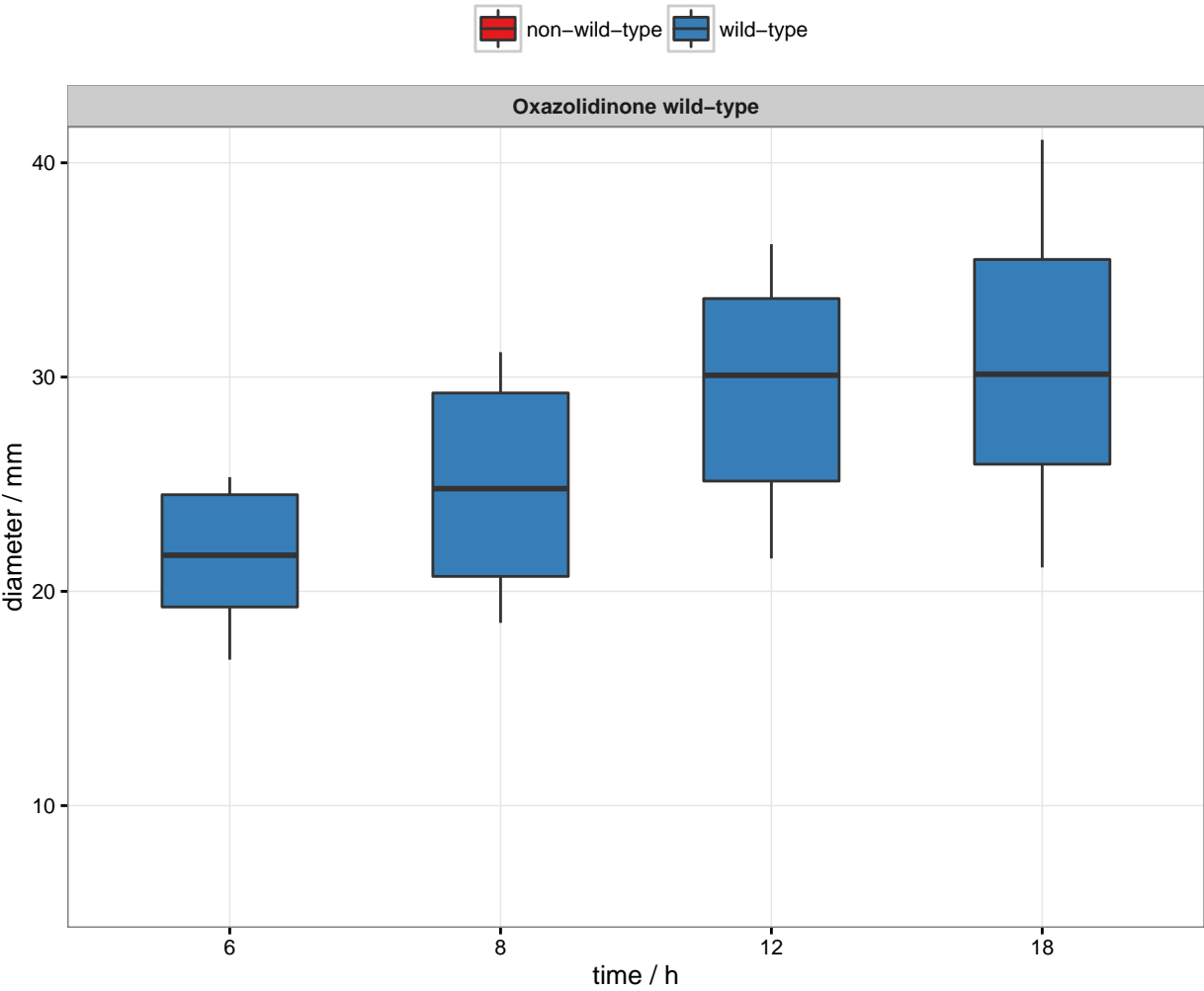
phenotype	n
Oxazolidinone wild-type	407



Caption or footnote for Linezolid / *Staphylococcus aureus*, to be written.

15.2 Linezolid, *Staphylococcus epidermidis*

phenotype	n
Oxazolidinone wild-type	294

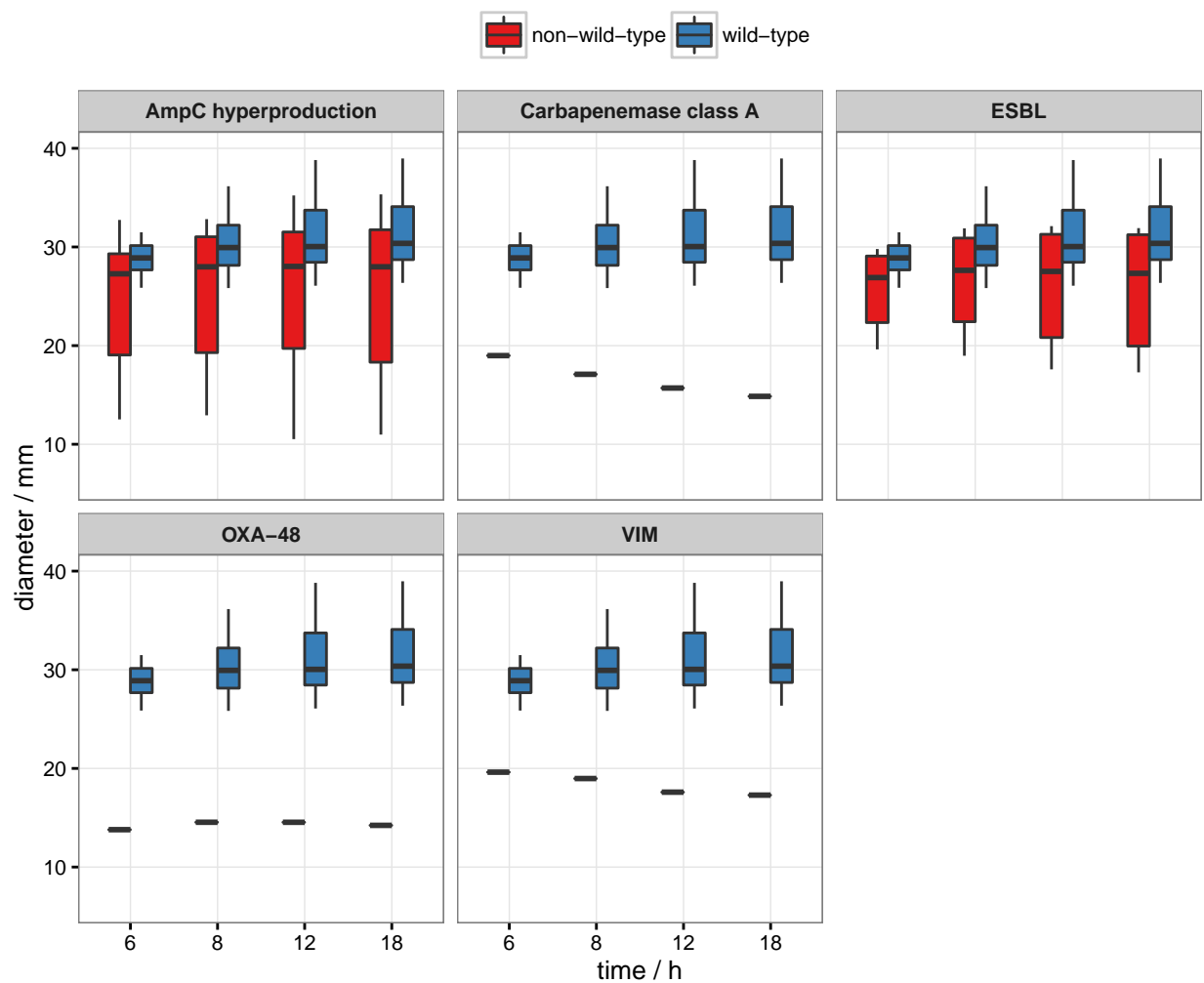


Caption or footnote for Linezolid / *Staphylococcus epidermidis*, to be written.

16 Meropenem

16.1 Meropenem, *Enterobacter cloacae*

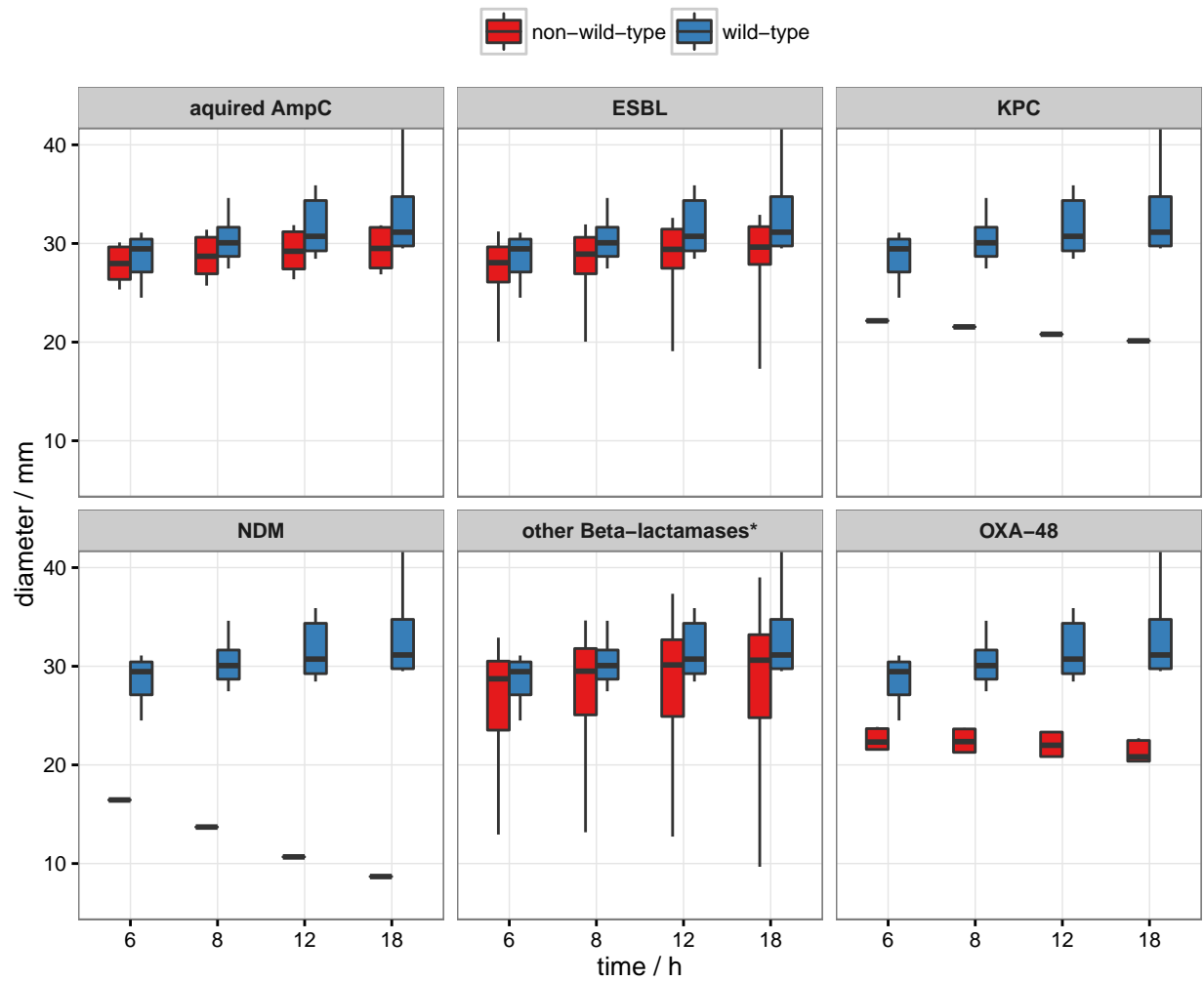
phenotype	n
AmpC hyperproduction	223
Beta-lactamase wild-type	52
Carbapenemase class A	1
ESBL	26
OXA-48	1
VIM	1



Caption or footnote for Meropenem / *Enterobacter cloacae*, 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.

16.2 Meropenem, *Escherichia coli*

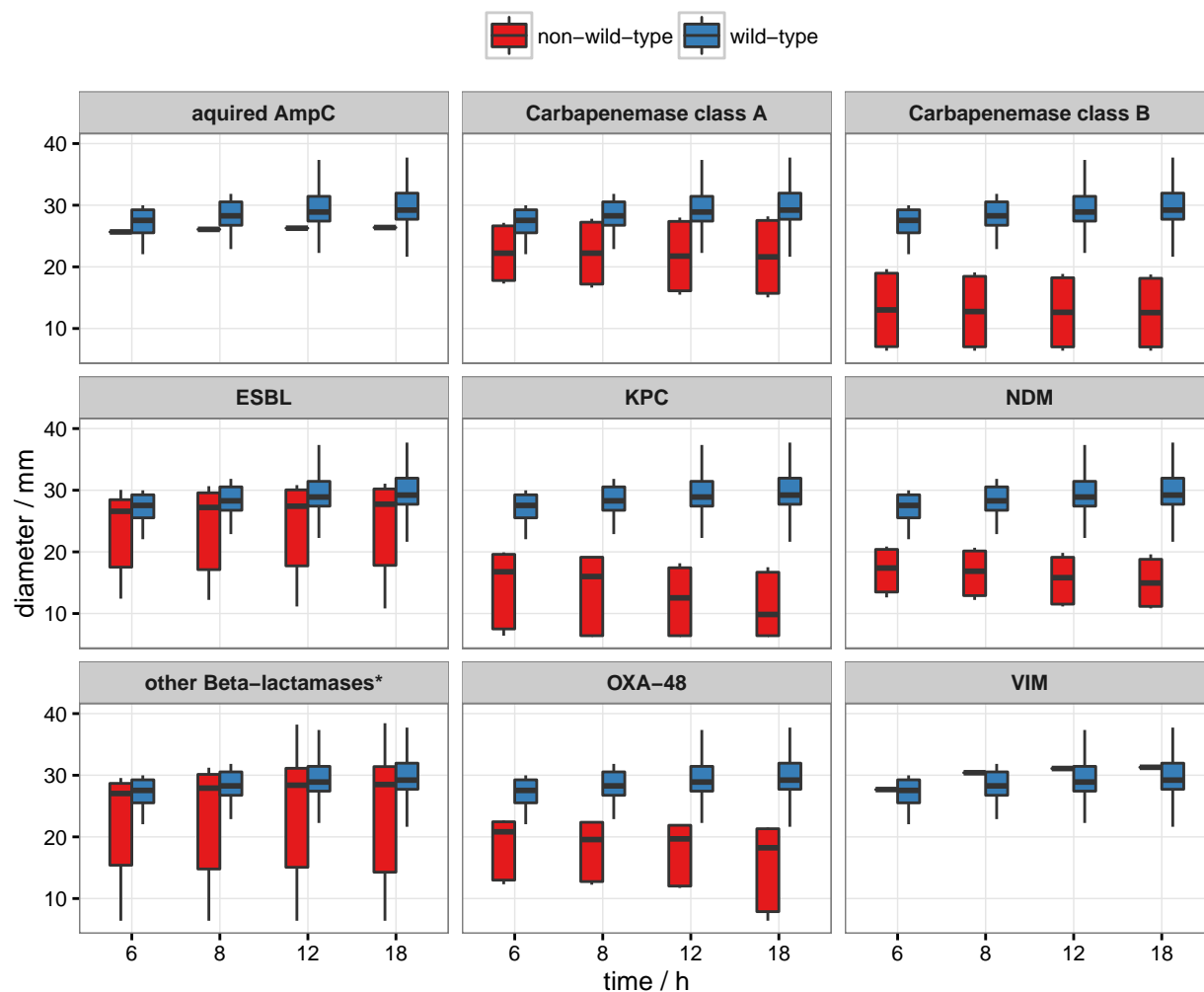
phenotype	n
acquired AmpC	47
Beta-lactamase wild-type	57
ESBL	150
KPC	1
NDM	1
other Beta-lactamases*	217
OXA-48	4



Caption or footnote for Meropenem / *Escherichia coli*, 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.

16.3 Meropenem, *Klebsiella pneumoniae*

phenotype	n
acquired AmpC	1
Beta-lactamase wild-type	163
Carbapenemase class A	2
Carbapenemase class B	2
ESBL	63
KPC	11
NDM	5
other Beta-lactamases*	121
OXA-48	10
VIM	1

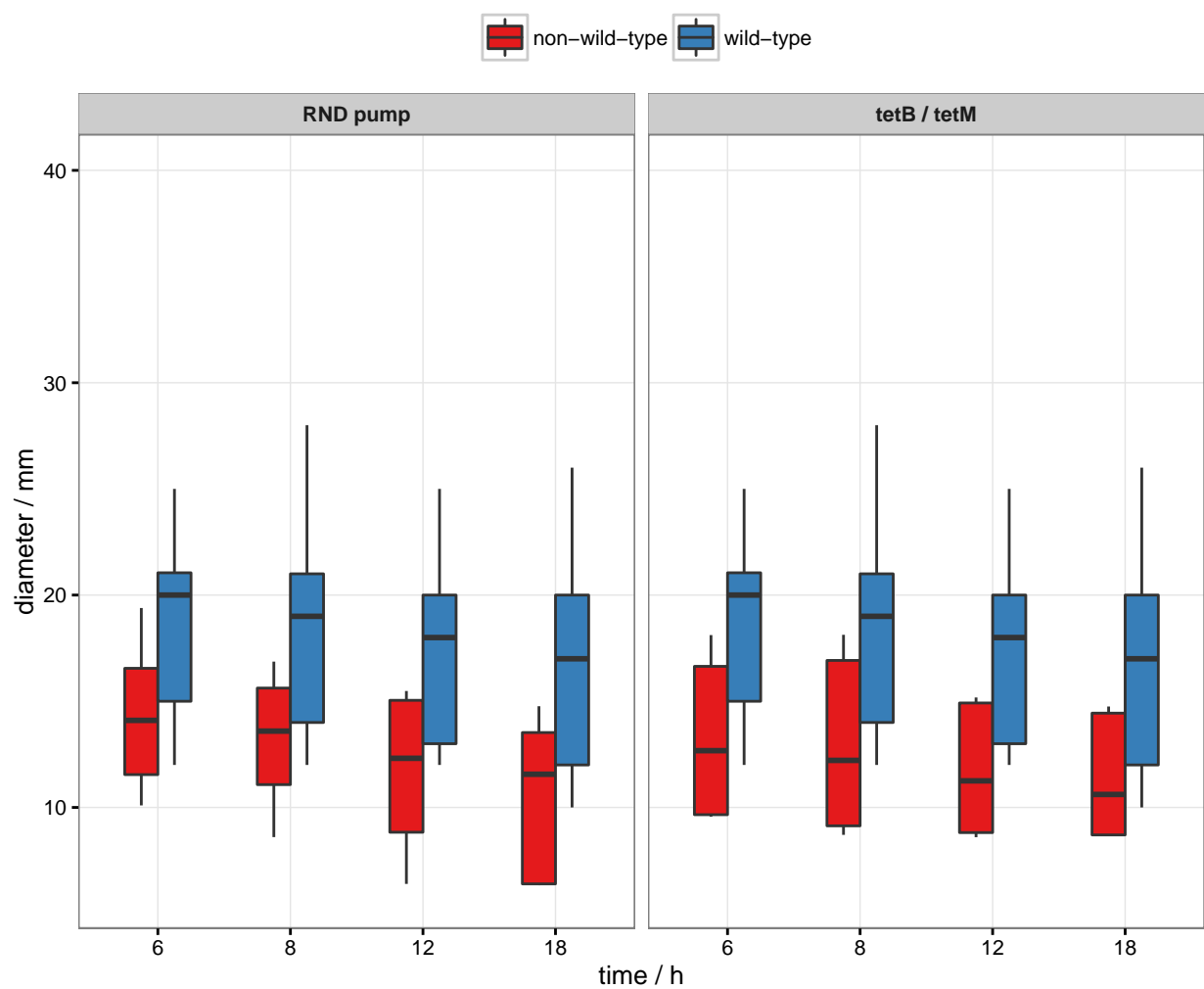


Caption or footnote for Meropenem / *Klebsiella pneumoniae*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

17 Minocyclin

17.1 Minocyclin, *Enterobacter cloacae*

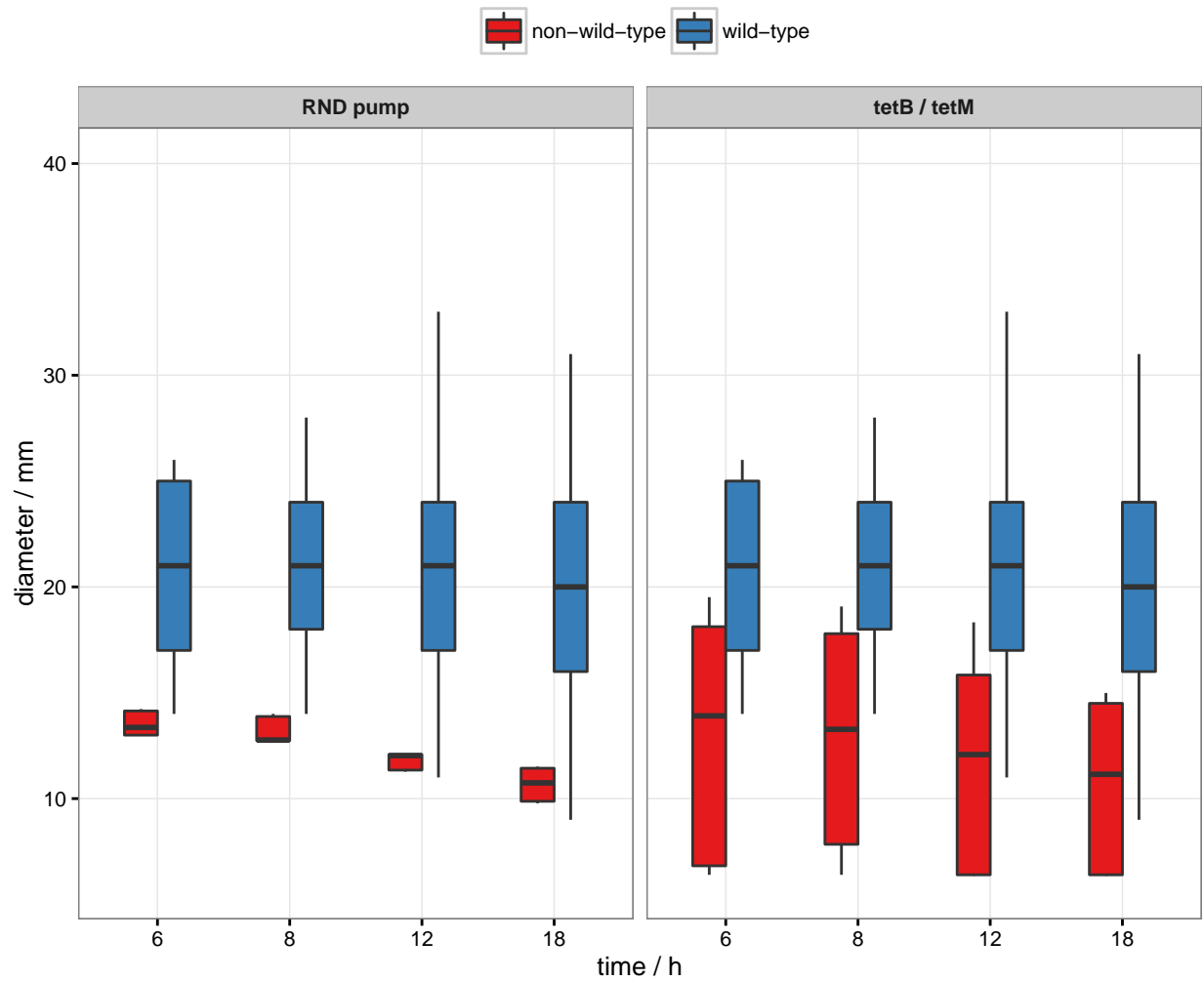
phenotype	n
RND pump	49
tetB / tetM	11
Tetracycline wild-type	241



Caption or footnote for Minocyclin / *Enterobacter cloacae*, 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.

17.2 Minocyclin, *Escherichia coli*

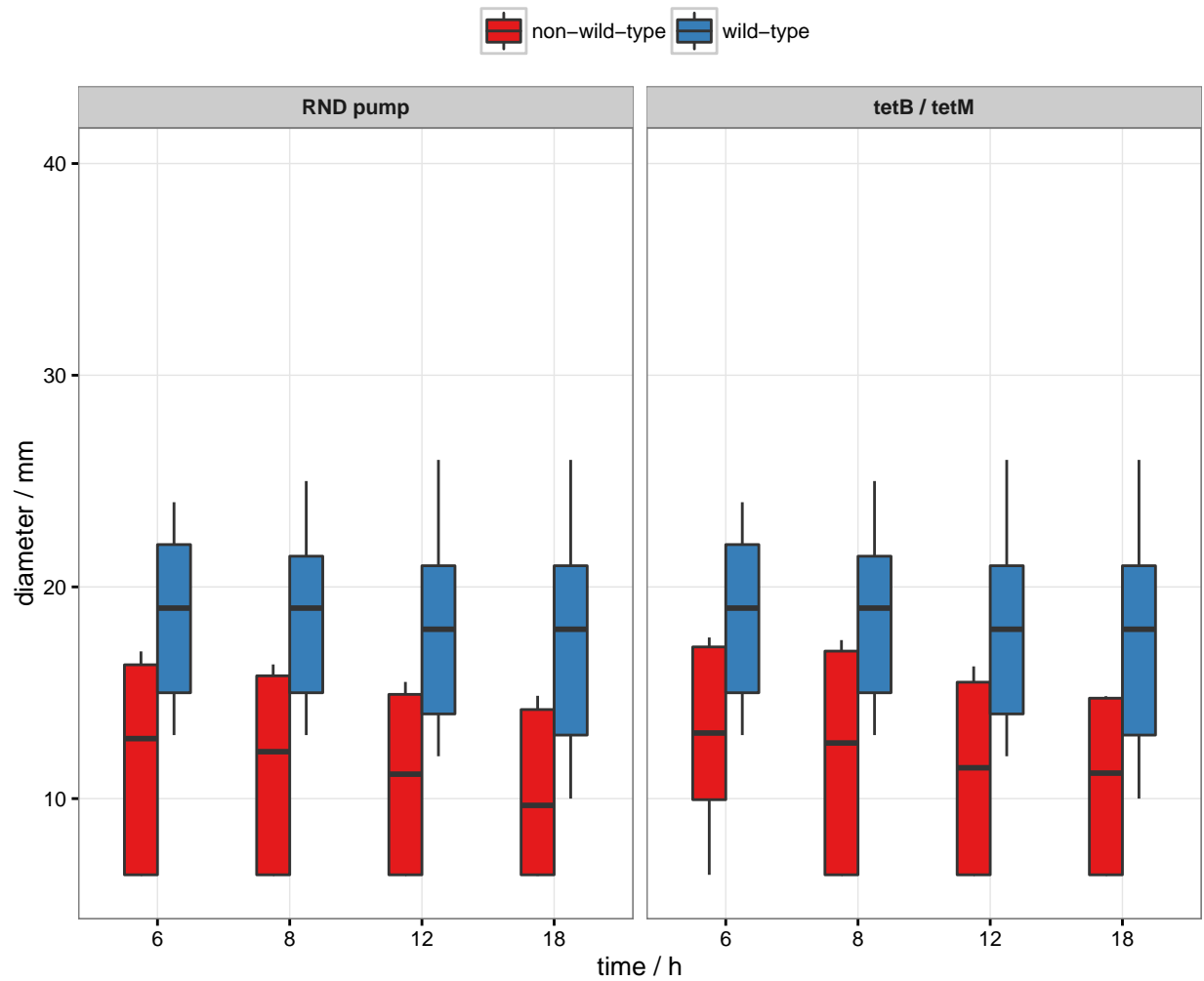
phenotype	n
RND pump	3
tetB / tetM	125
Tetracycline wild-type	347



Caption or footnote for Minocyclin / *Escherichia coli*, 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.

17.3 Minocyclin, *Klebsiella pneumoniae*

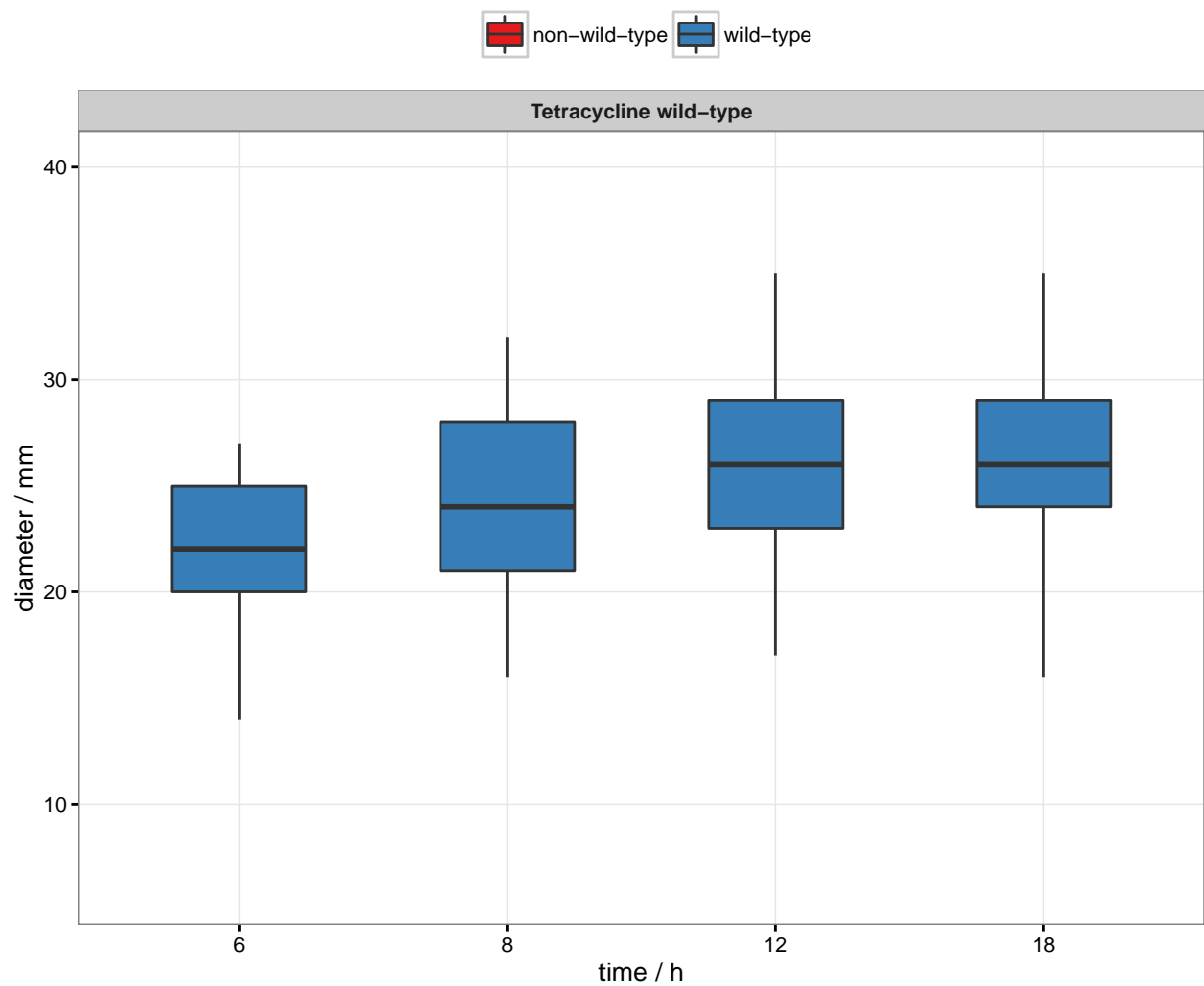
phenotype	n
RND pump	87
tetB / tetM	36
Tetracycline wild-type	253



Caption or footnote for Minocyclin / *Klebsiella pneumoniae*, 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.

17.4 Minocyclin, *Staphylococcus aureus*

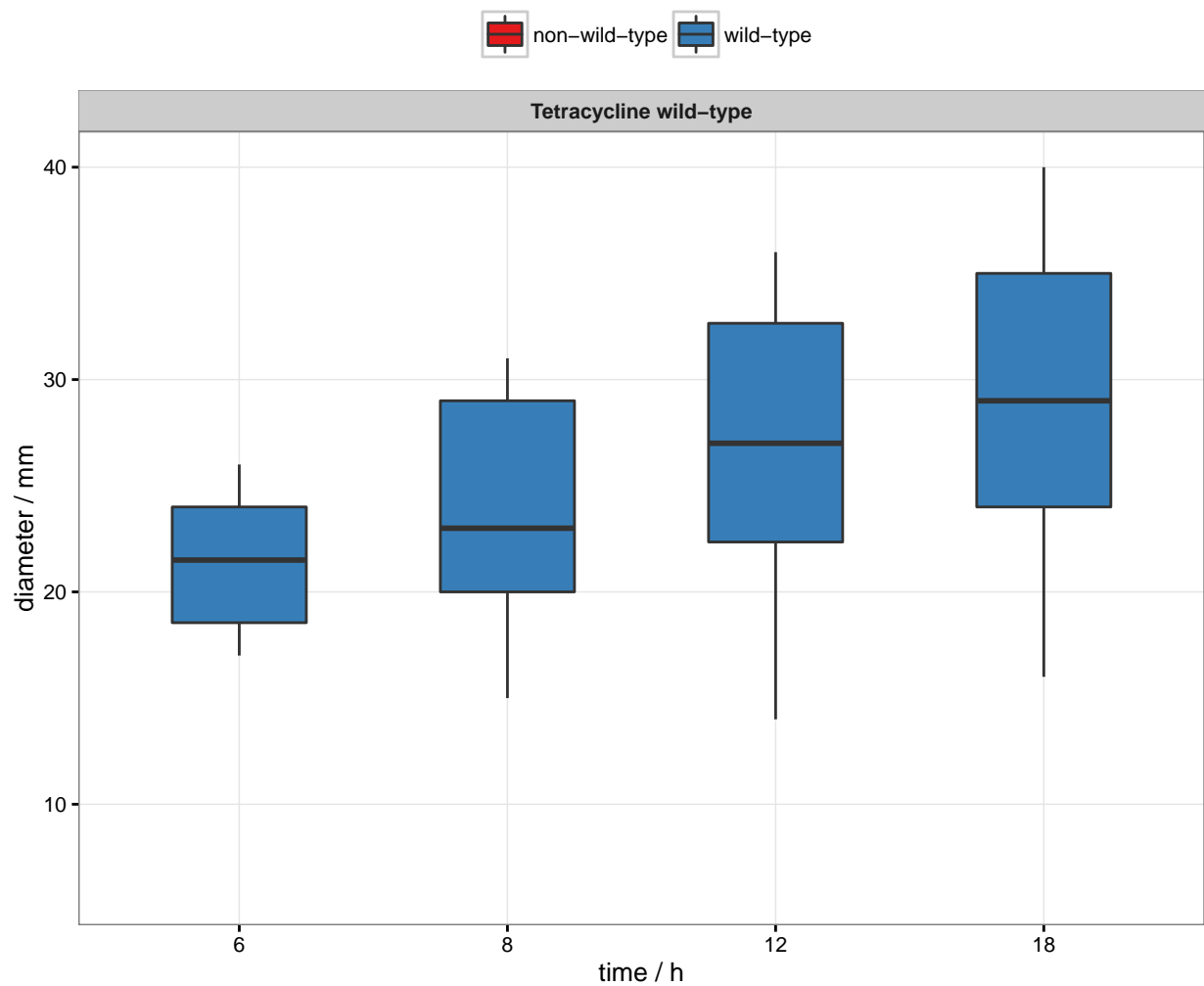
phenotype	n
Tetracycline wild-type	406



Caption or footnote for Minocyclin / *Staphylococcus aureus*, to be written.

17.5 Minocyclin, *Staphylococcus epidermidis*

phenotype	n
Tetracycline wild-type	294

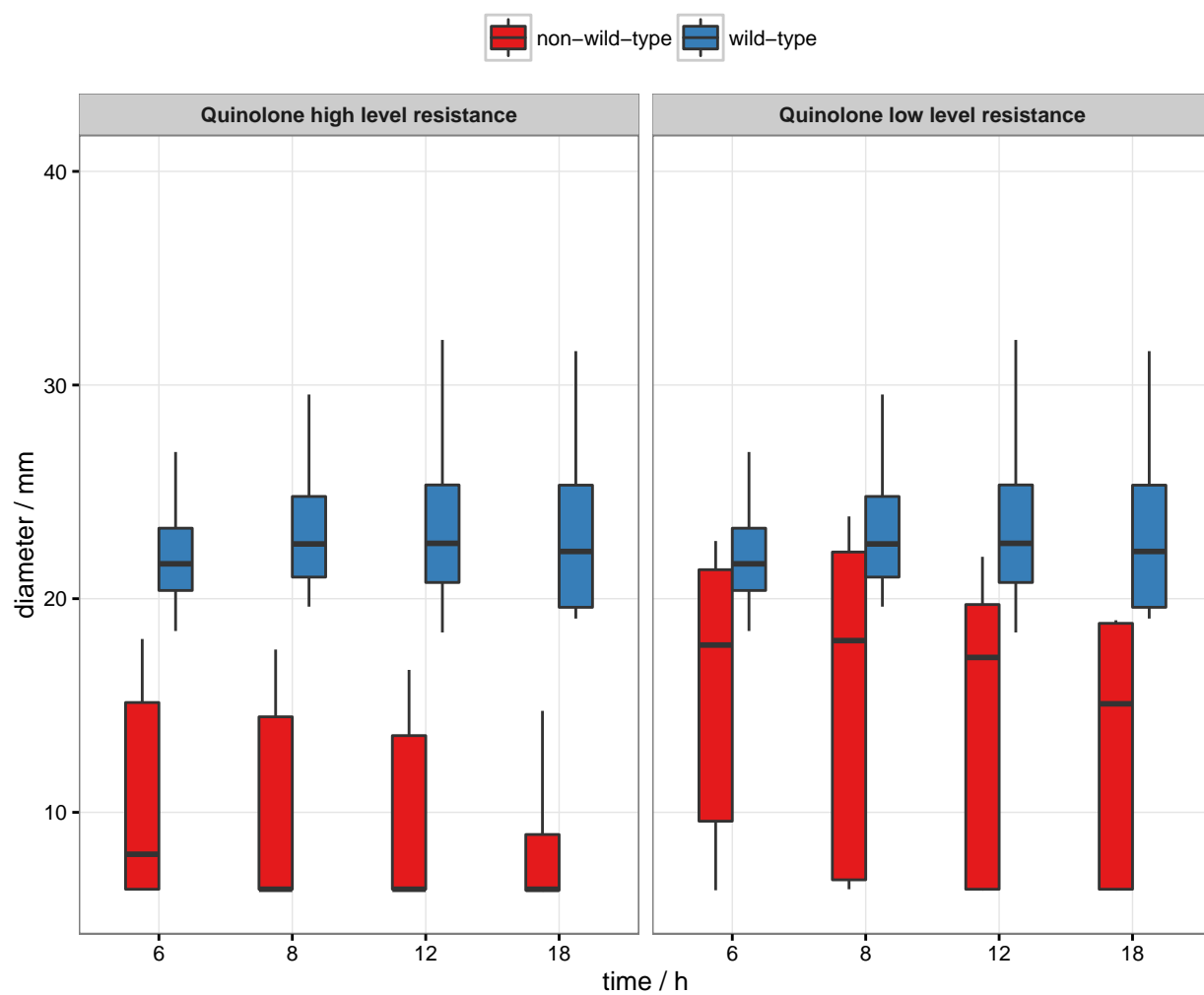


Caption or footnote for Minocyclin / *Staphylococcus epidermidis*, to be written.

18 Naladixic acid

18.1 Naladixic acid, *Enterobacter cloacae*

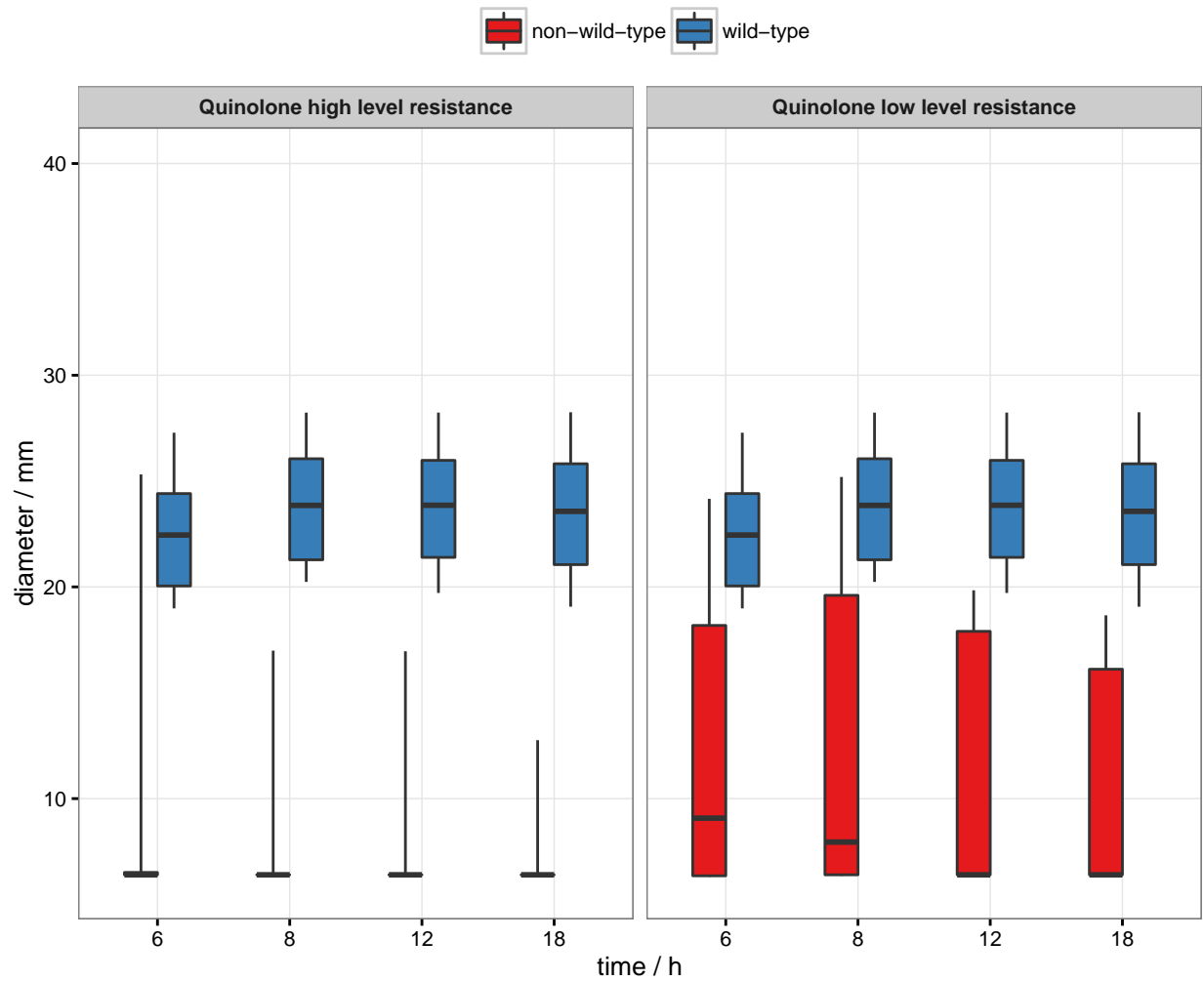
phenotype	n
Quinolone high level resistance	92
Quinolone low level resistance	65
Quinolone wild-type	144



Caption or footnote for Naladixic acid / *Enterobacter cloacae*, 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.

18.2 Naladixic acid, *Escherichia coli*

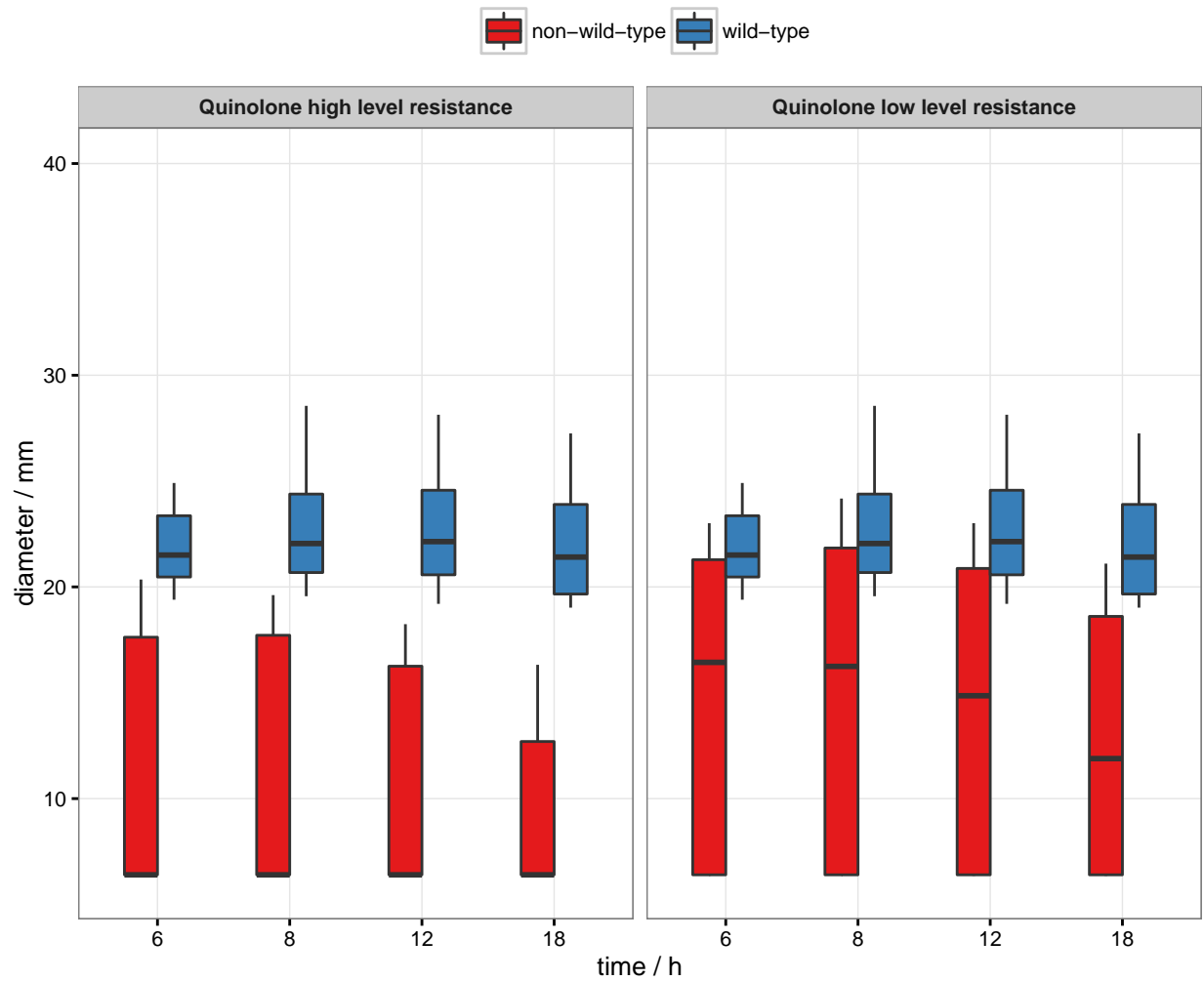
phenotype	n
Quinolone high level resistance	259
Quinolone low level resistance	81
Quinolone wild-type	135



Caption or footnote for Naladixic acid / *Escherichia coli*, 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.

18.3 Naladixic acid, *Klebsiella pneumoniae*

phenotype	n
Quinolone high level resistance	140
Quinolone low level resistance	117
Quinolone wild-type	119

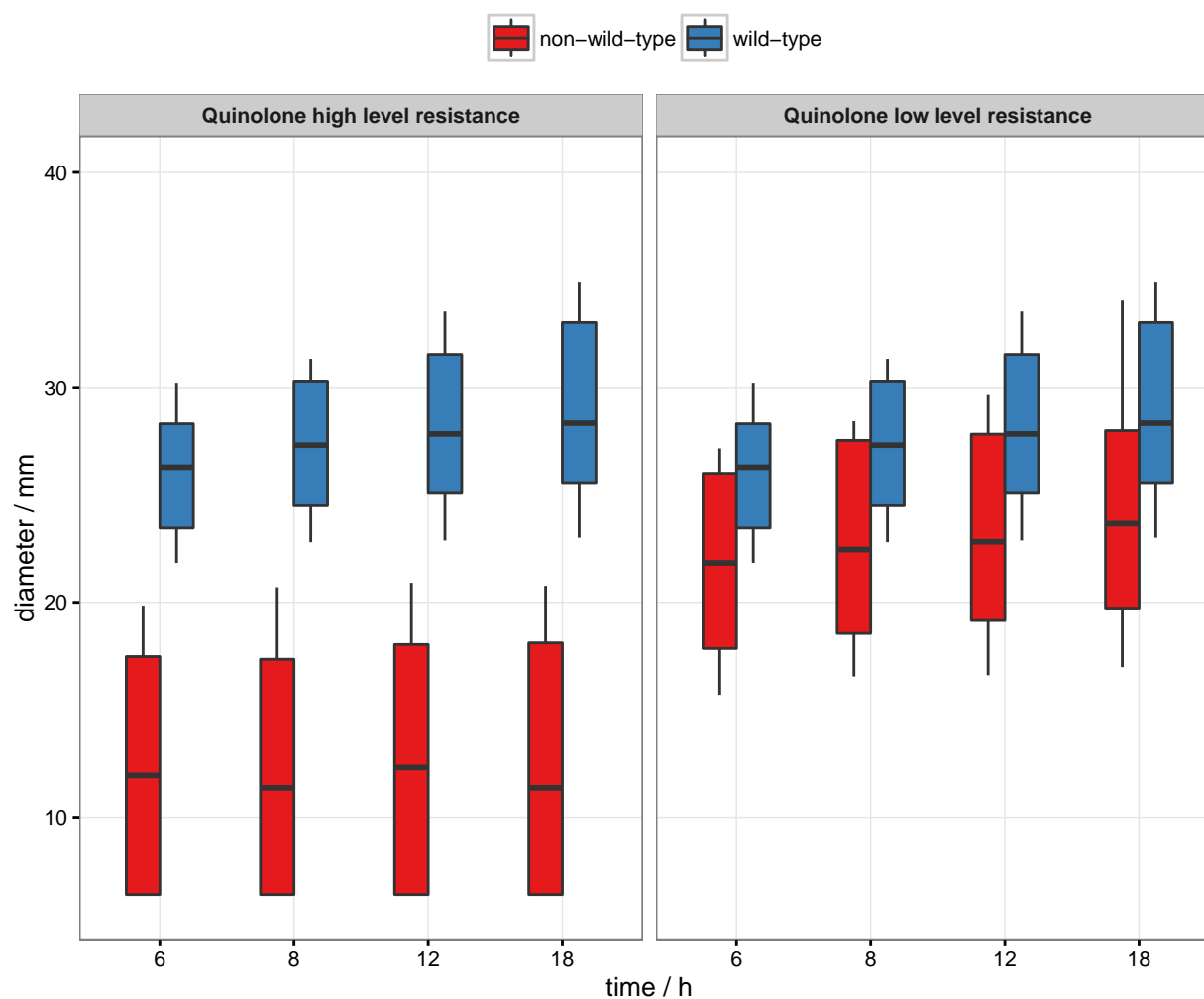


Caption or footnote for Naladixic acid / *Klebsiella pneumoniae*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

19 Norfloxacin

19.1 Norfloxacin, *Enterobacter cloacae*

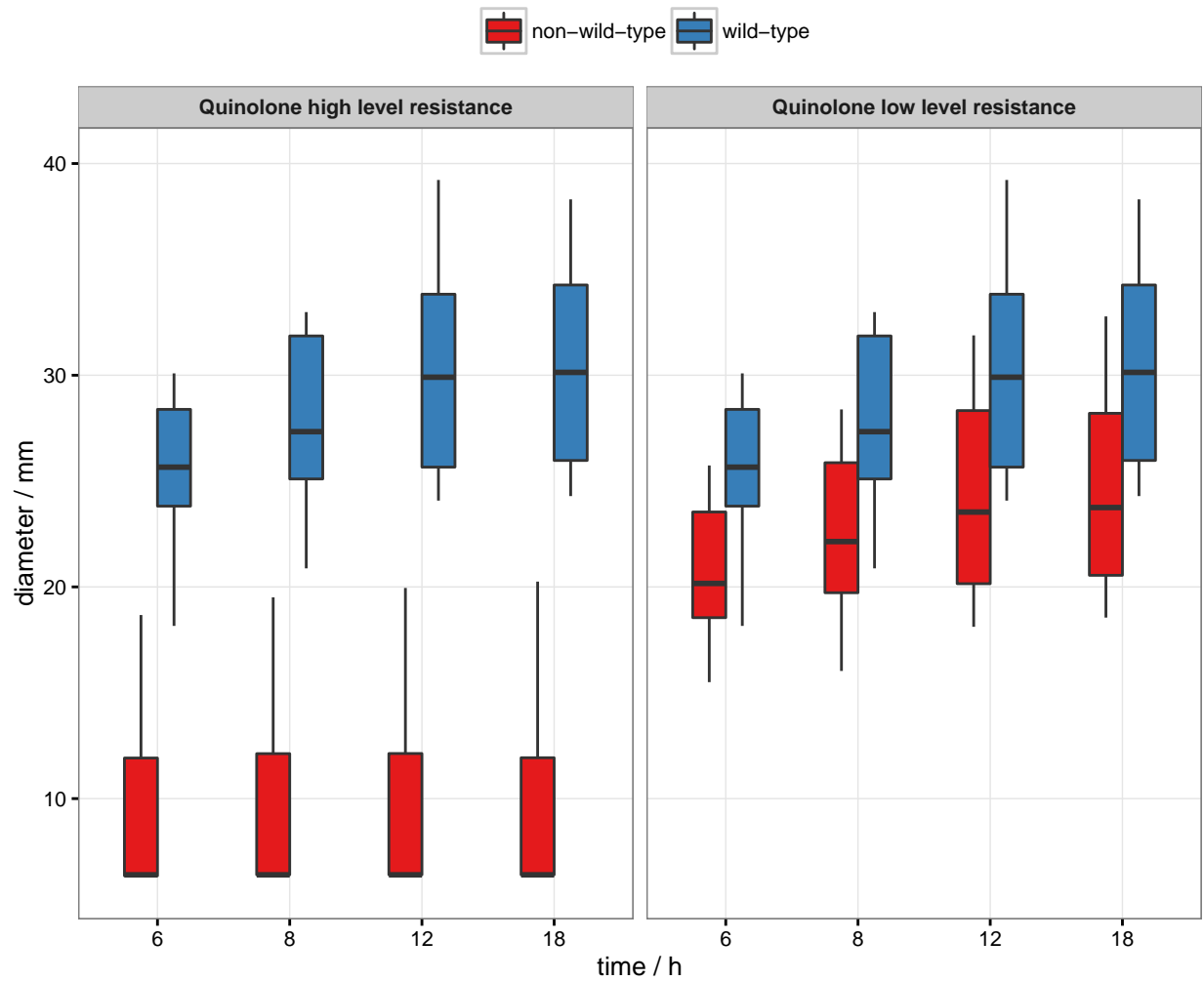
phenotype	n
Quinolone high level resistance	92
Quinolone low level resistance	65
Quinolone wild-type	144



Caption or footnote for Norfloxacin / *Enterobacter cloacae*, 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.

19.2 Norfloxacin, *Escherichia coli*

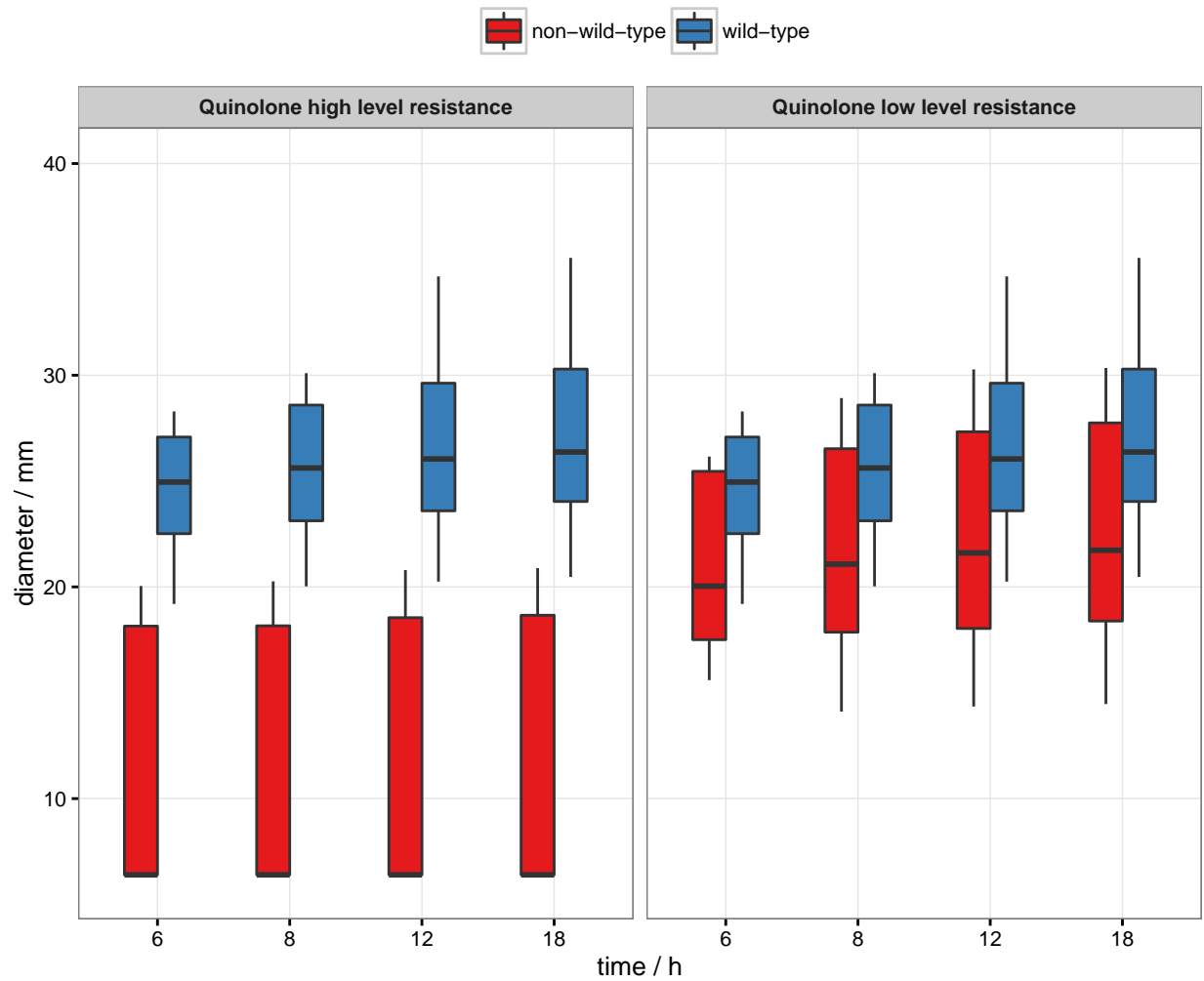
phenotype	n
Quinolone high level resistance	259
Quinolone low level resistance	81
Quinolone wild-type	135



Caption or footnote for Norfloxacin / *Escherichia coli*, 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.

19.3 Norfloxacin, *Klebsiella pneumoniae*

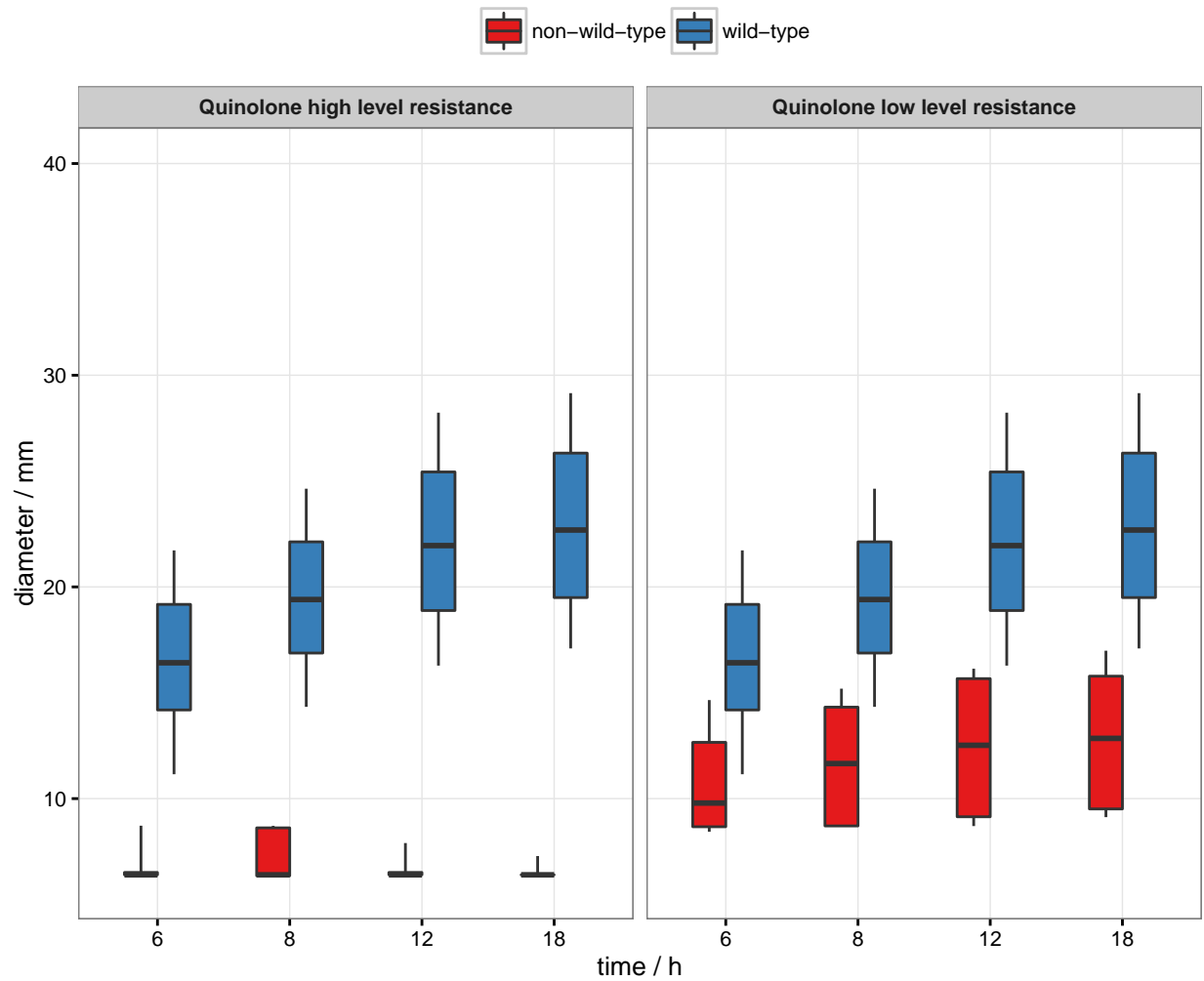
phenotype	n
Quinolone high level resistance	140
Quinolone low level resistance	117
Quinolone wild-type	119



Caption or footnote for Norfloxacin / *Klebsiella pneumoniae*, 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.

19.4 Norfloxacin, *Staphylococcus aureus*

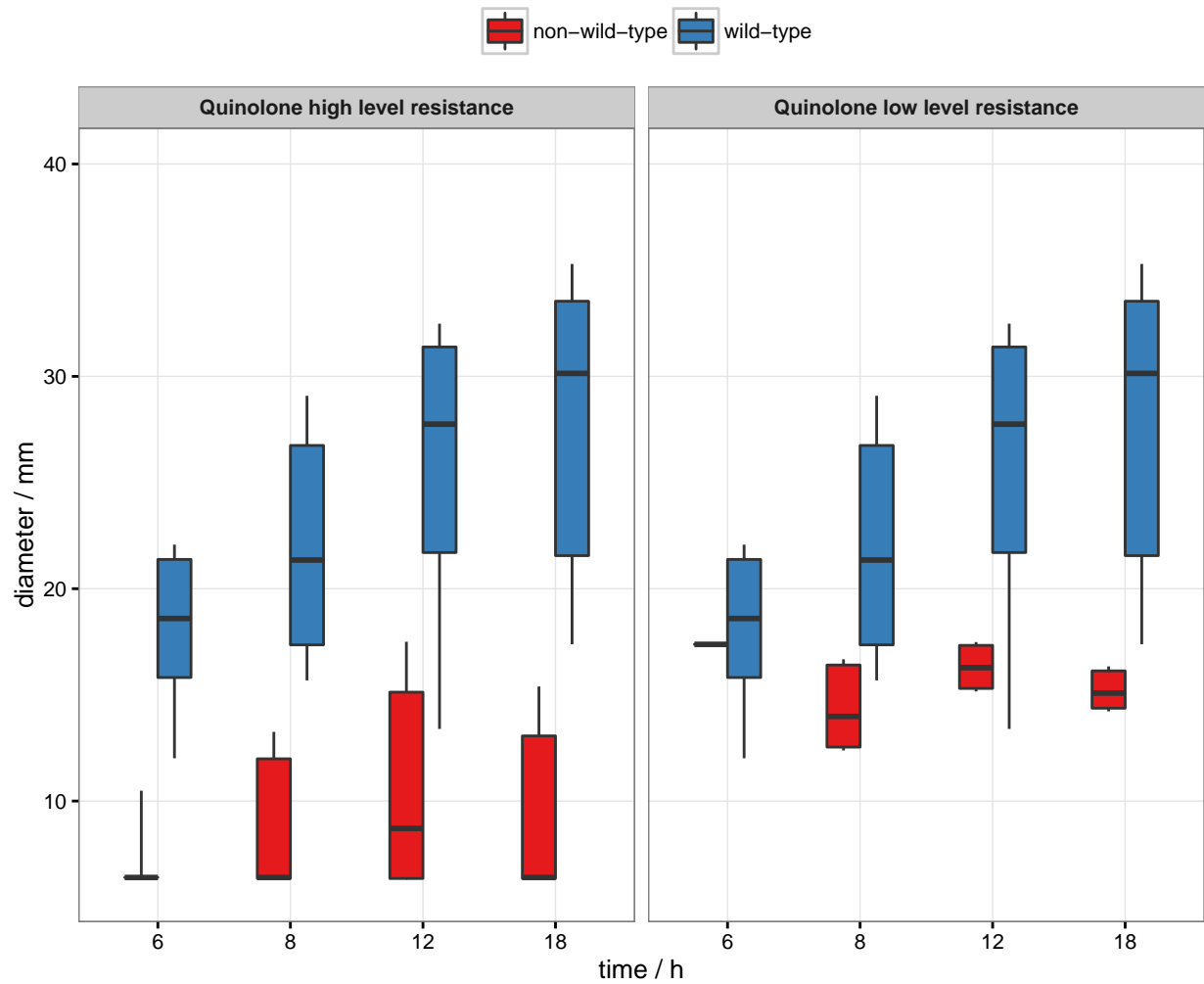
phenotype	n
Quinolone high level resistance	58
Quinolone low level resistance	23
Quinolone wild-type	326



Caption or footnote for Norfloxacin / *Staphylococcus aureus*, 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.

19.5 Norfloxacin, *Staphylococcus epidermidis*

phenotype	n
Quinolone high level resistance	178
Quinolone low level resistance	5
Quinolone wild-type	111

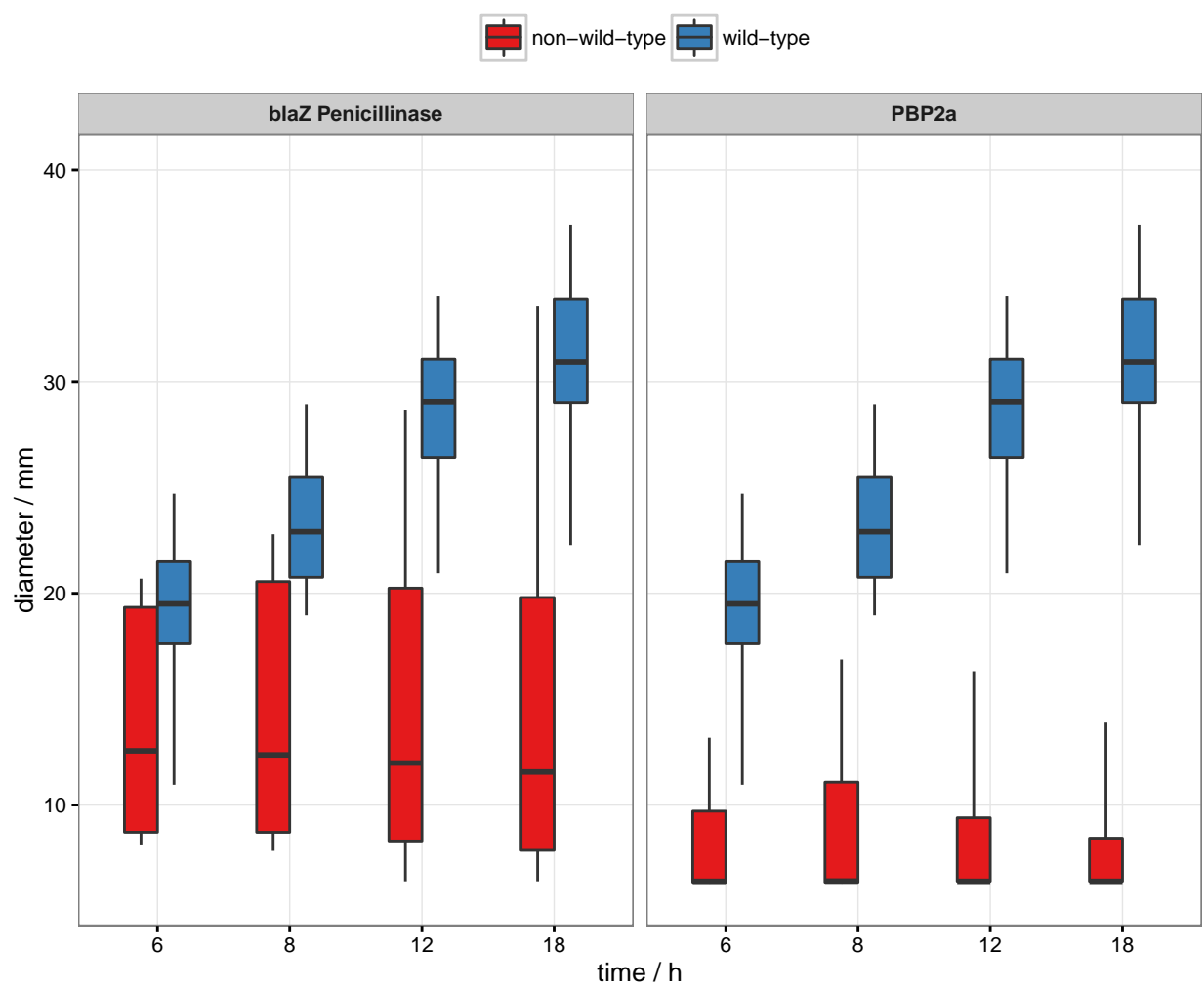


Caption or footnote for Norfloxacin / *Staphylococcus epidermidis*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

20 Penicillin

20.1 Penicillin, *Staphylococcus aureus*

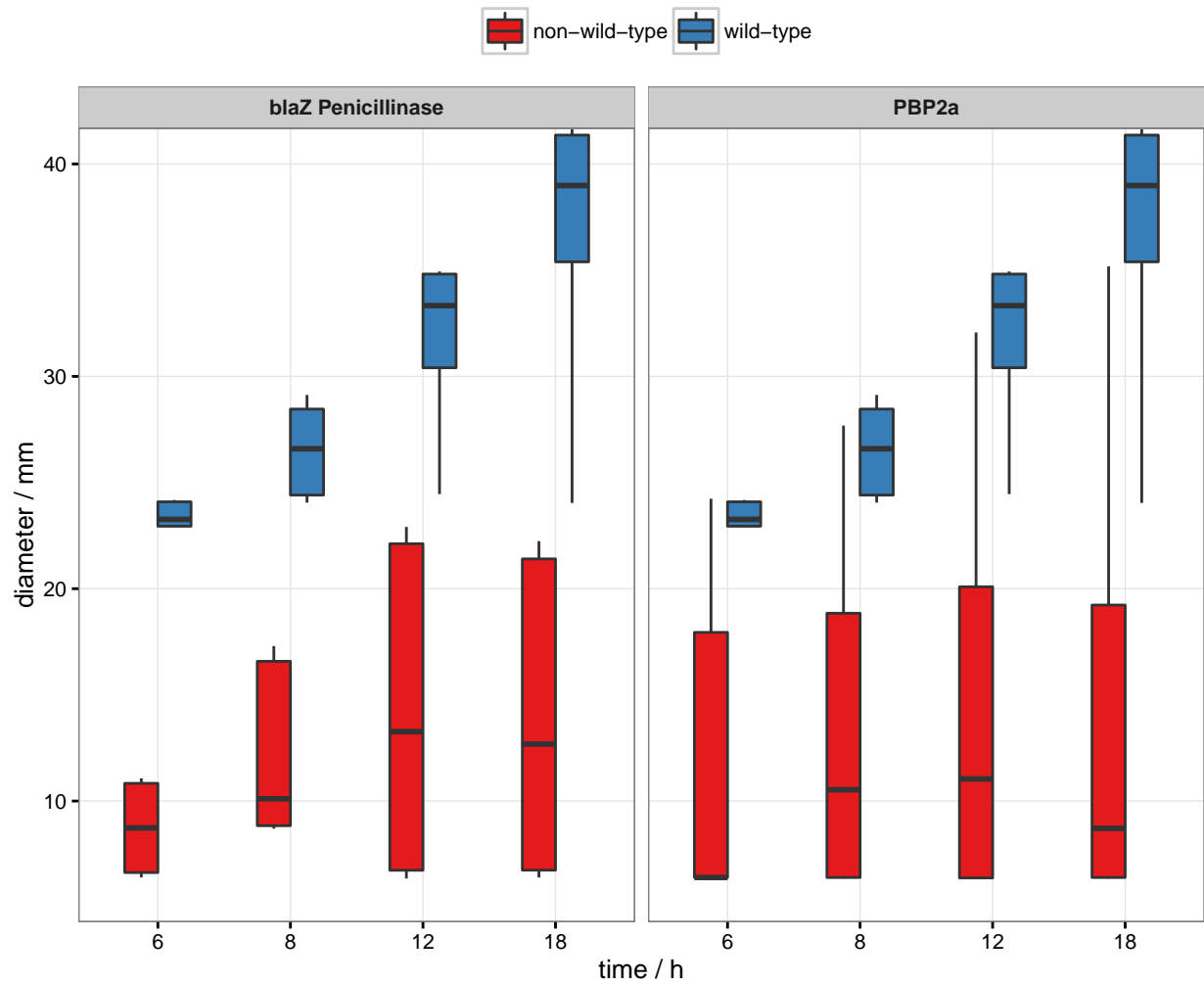
phenotype	n
Beta-lactamase wild-type	158
blaZ Penicillinase	185
PBP2a	51



Caption or footnote for Penicillin / *Staphylococcus aureus*, 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.

20.2 Penicillin, *Staphylococcus epidermidis*

phenotype	n
Beta-lactamase wild-type	34
blaZ Penicillinase	4
PBP2a	256

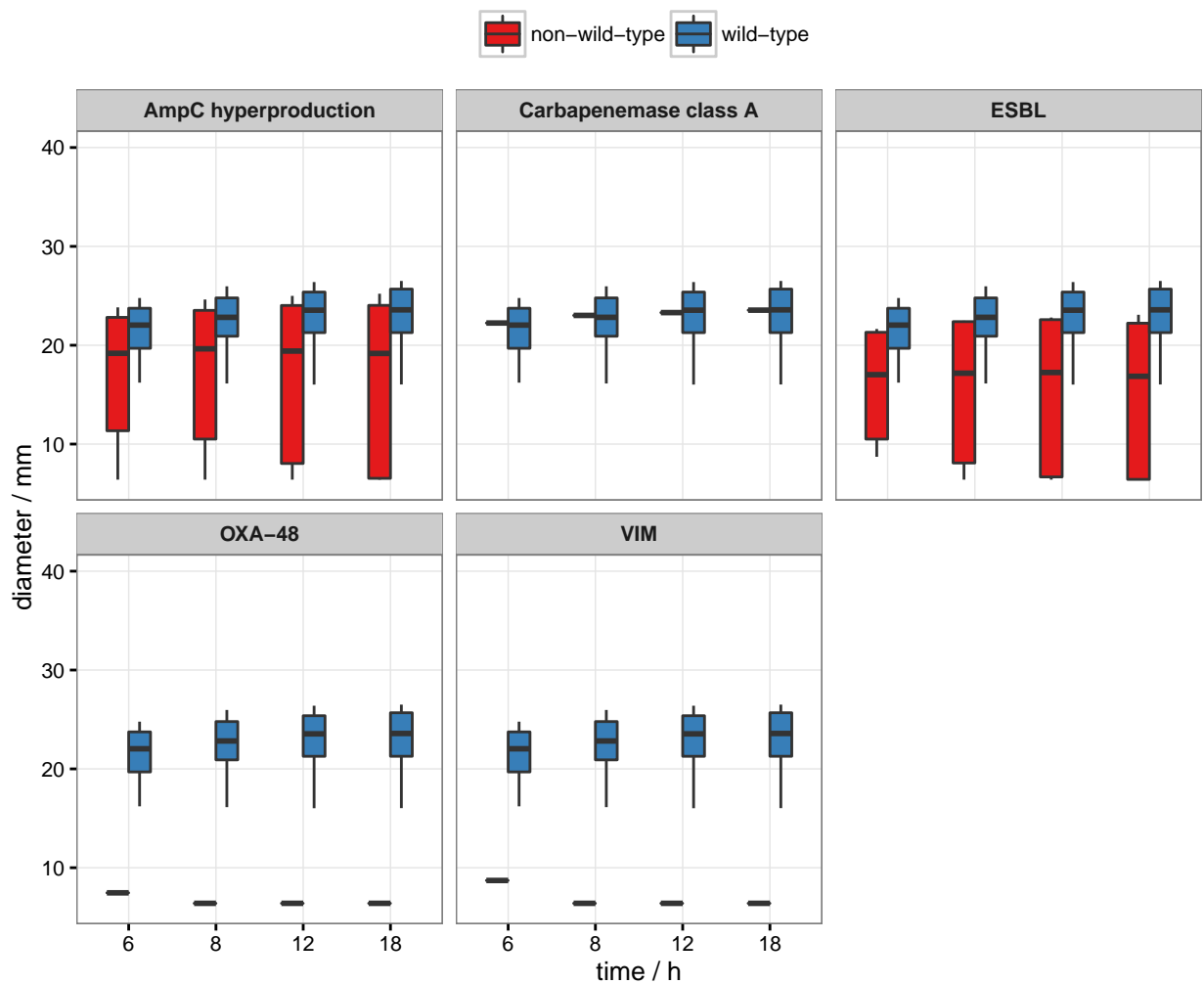


Caption or footnote for Penicillin / *Staphylococcus epidermidis*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

21 Piperacillin/Tazobactam

21.1 Piperacillin/Tazobactam, *Enterobacter cloacae*

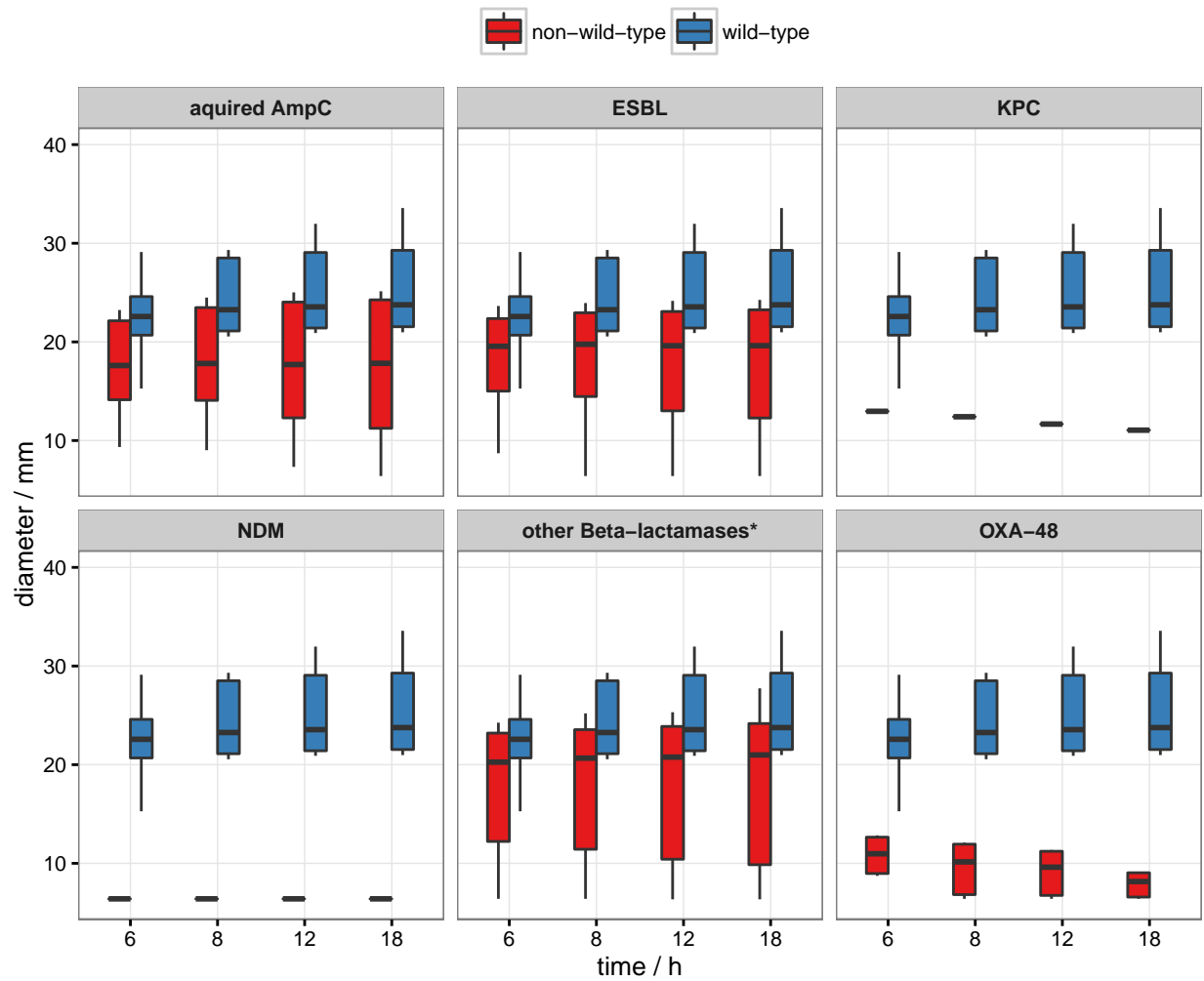
phenotype	n
AmpC hyperproduction	223
Beta-lactamase wild-type	52
Carbapenemase class A	1
ESBL	26
OXA-48	1
VIM	1



Caption or footnote for Piperacillin/Tazobactam / *Enterobacter cloacae*, 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.

21.2 Piperacillin/Tazobactam, *Escherichia coli*

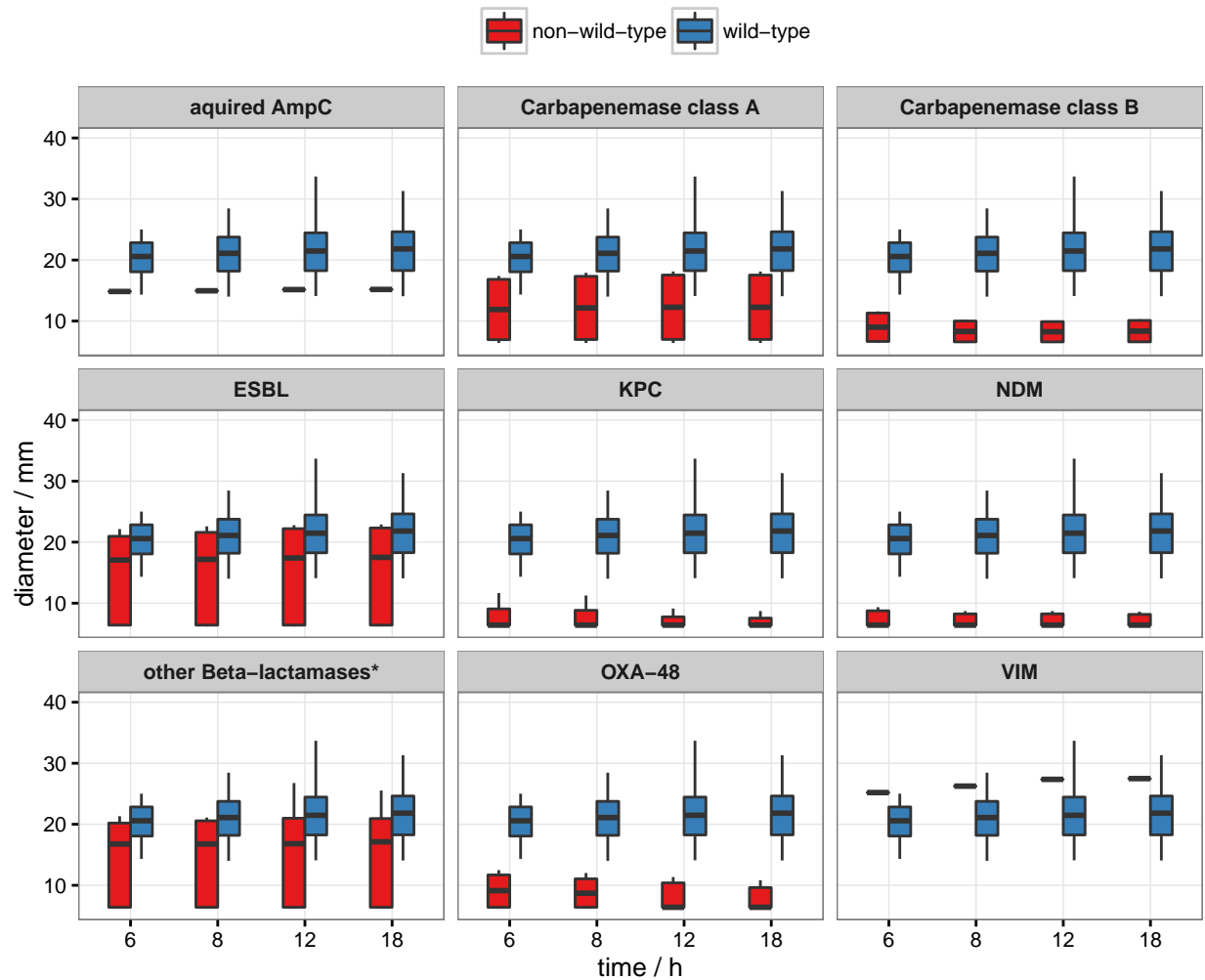
phenotype	n
acquired AmpC	47
Beta-lactamase wild-type	57
ESBL	150
KPC	1
NDM	1
other Beta-lactamases*	217
OXA-48	4



Caption or footnote for Piperacillin/Tazobactam / *Escherichia coli*, 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.

21.3 Piperacillin/Tazobactam, *Klebsiella pneumoniae*

phenotype	n
acquired AmpC	1
Beta-lactamase wild-type	156
Carbapenemase class A	2
Carbapenemase class B	2
ESBL	63
KPC	11
NDM	5
other Beta-lactamases*	128
OXA-48	10
VIM	1

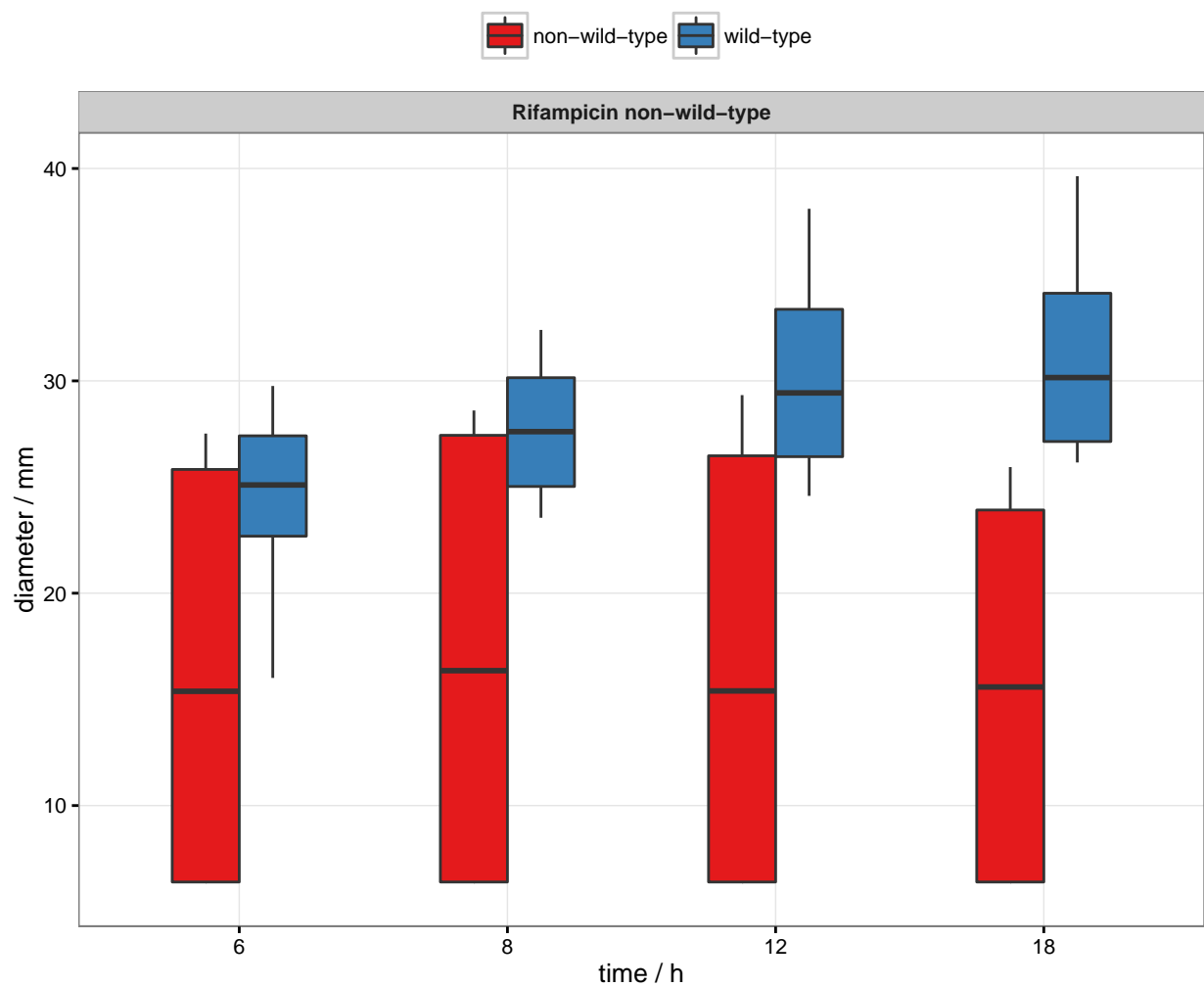


Caption or footnote for Piperacillin/Tazobactam / *Klebsiella pneumoniae*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

22 Rifampicin

22.1 Rifampicin, *Staphylococcus aureus*

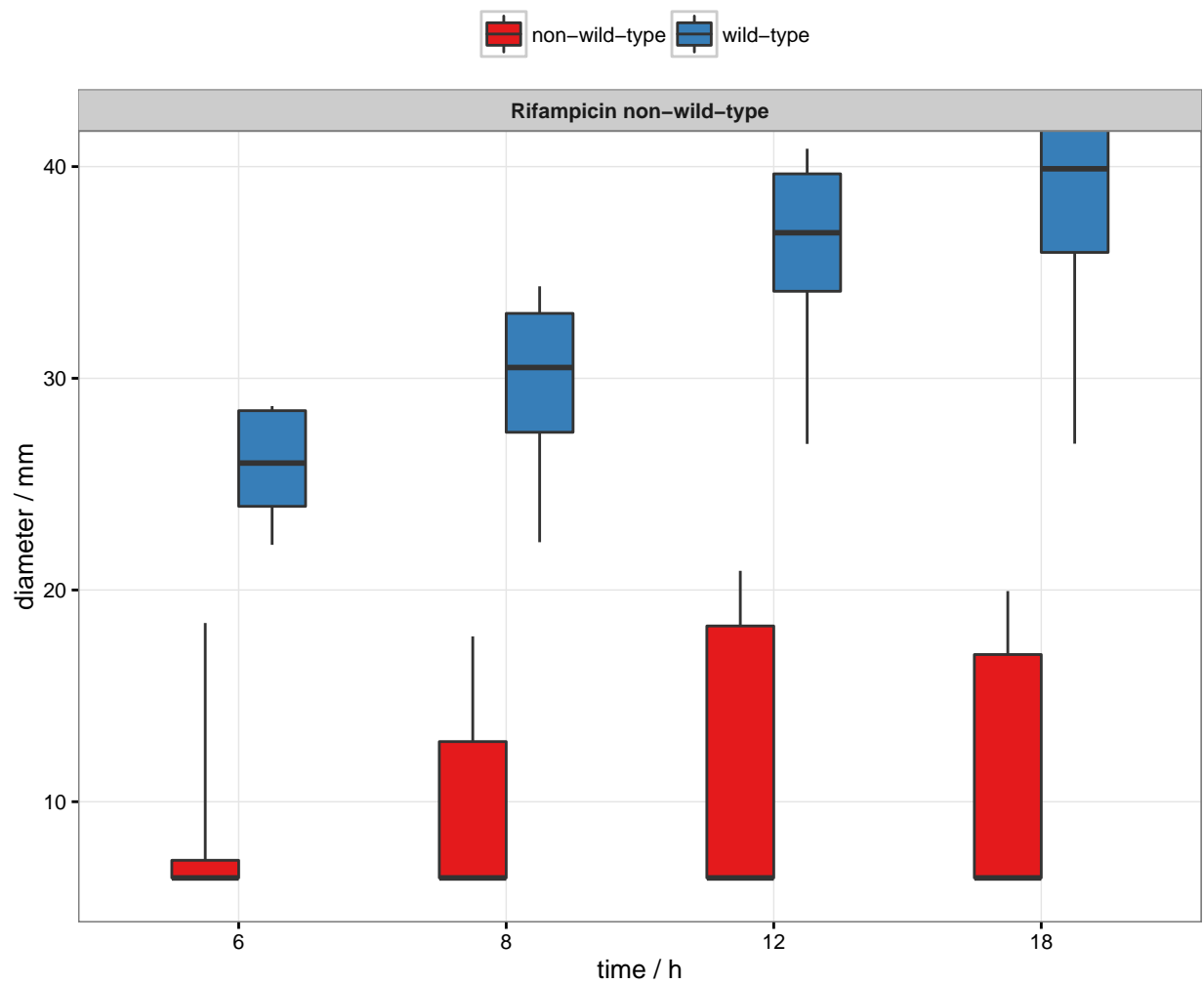
phenotype	n
Rifampicin non-wild-type	7
Rifampicin wild-type	400



Caption or footnote for Rifampicin / *Staphylococcus aureus*, 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.

22.2 Rifampicin, *Staphylococcus epidermidis*

phenotype	n
Rifampicin non-wild-type	41
Rifampicin wild-type	253

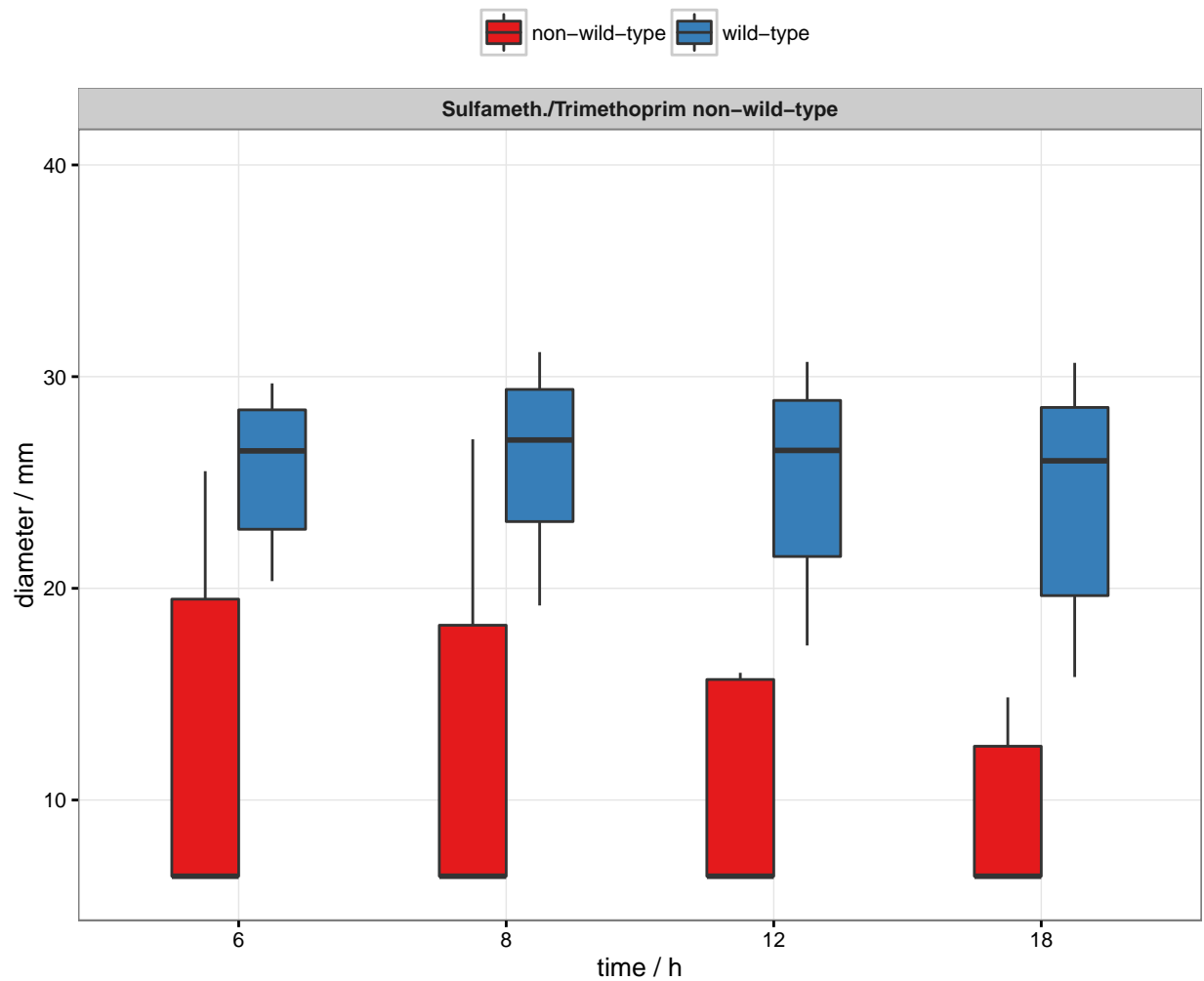


Caption or footnote for Rifampicin / *Staphylococcus epidermidis*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

23 Sulfameth./Trimethoprim

23.1 Sulfameth./Trimethoprim, *Enterobacter cloacae*

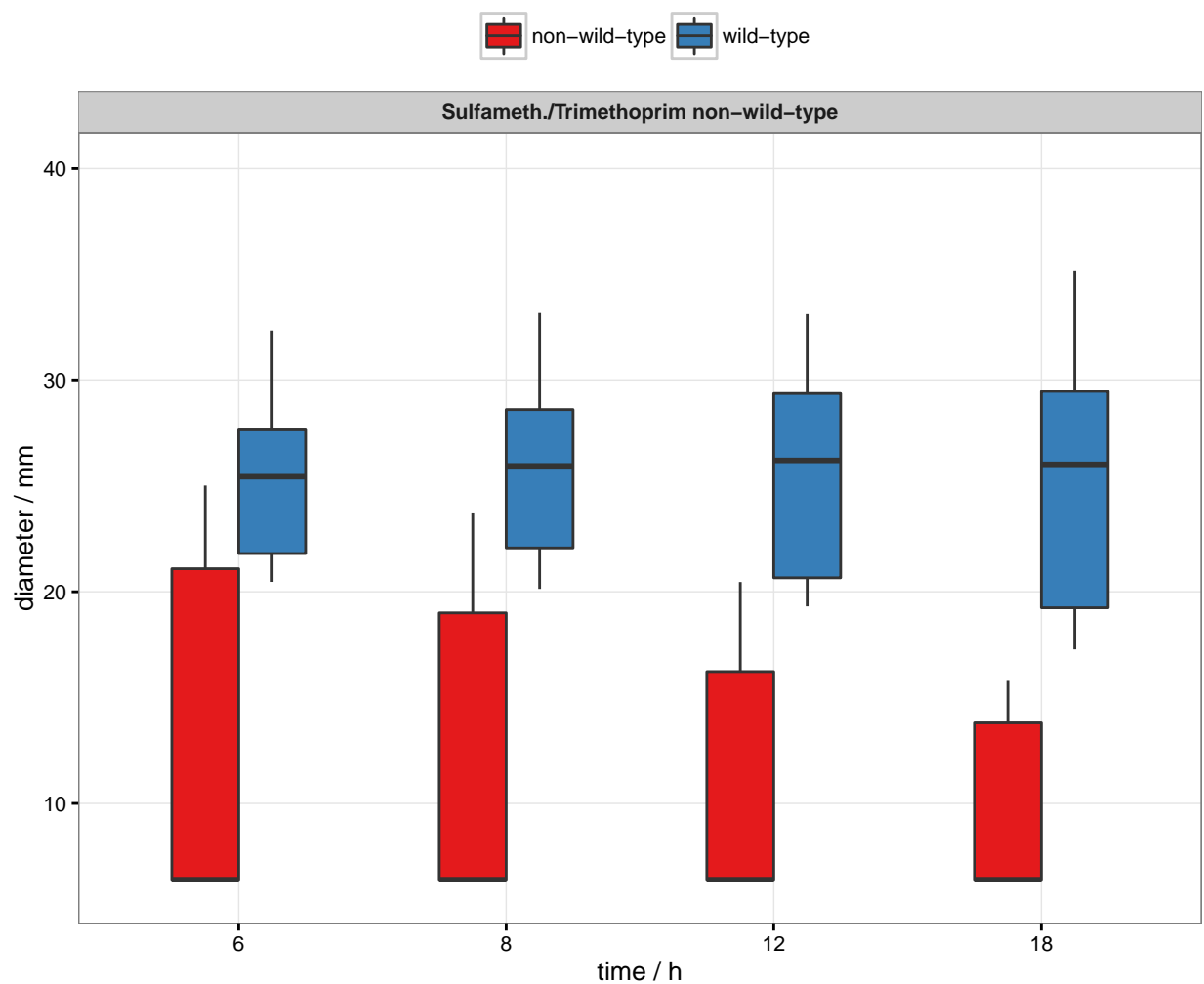
phenotype	n
Sulfameth./Trimethoprim non-wild-type	81
Sulfameth./Trimethoprim wild-type	118



Caption or footnote for Sulfameth./Trimethoprim / *Enterobacter cloacae*, 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.

23.2 Sulfameth./Trimethoprim, *Escherichia coli*

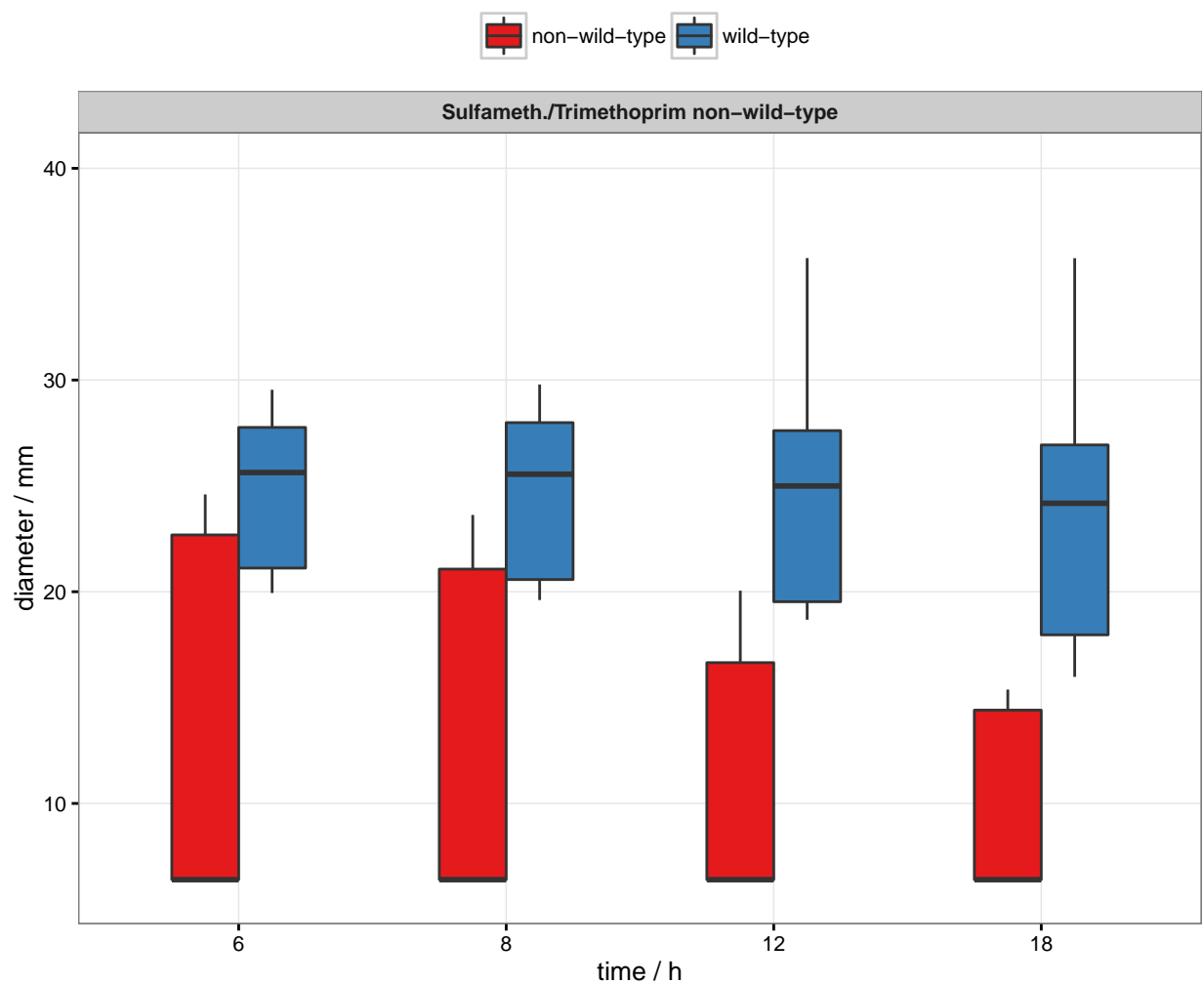
phenotype	n
Sulfameth./Trimethoprim non-wild-type	160
Sulfameth./Trimethoprim wild-type	122



Caption or footnote for Sulfameth./Trimethoprim / *Escherichia coli*, 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.

23.3 Sulfameth./Trimethoprim, *Klebsiella pneumoniae*

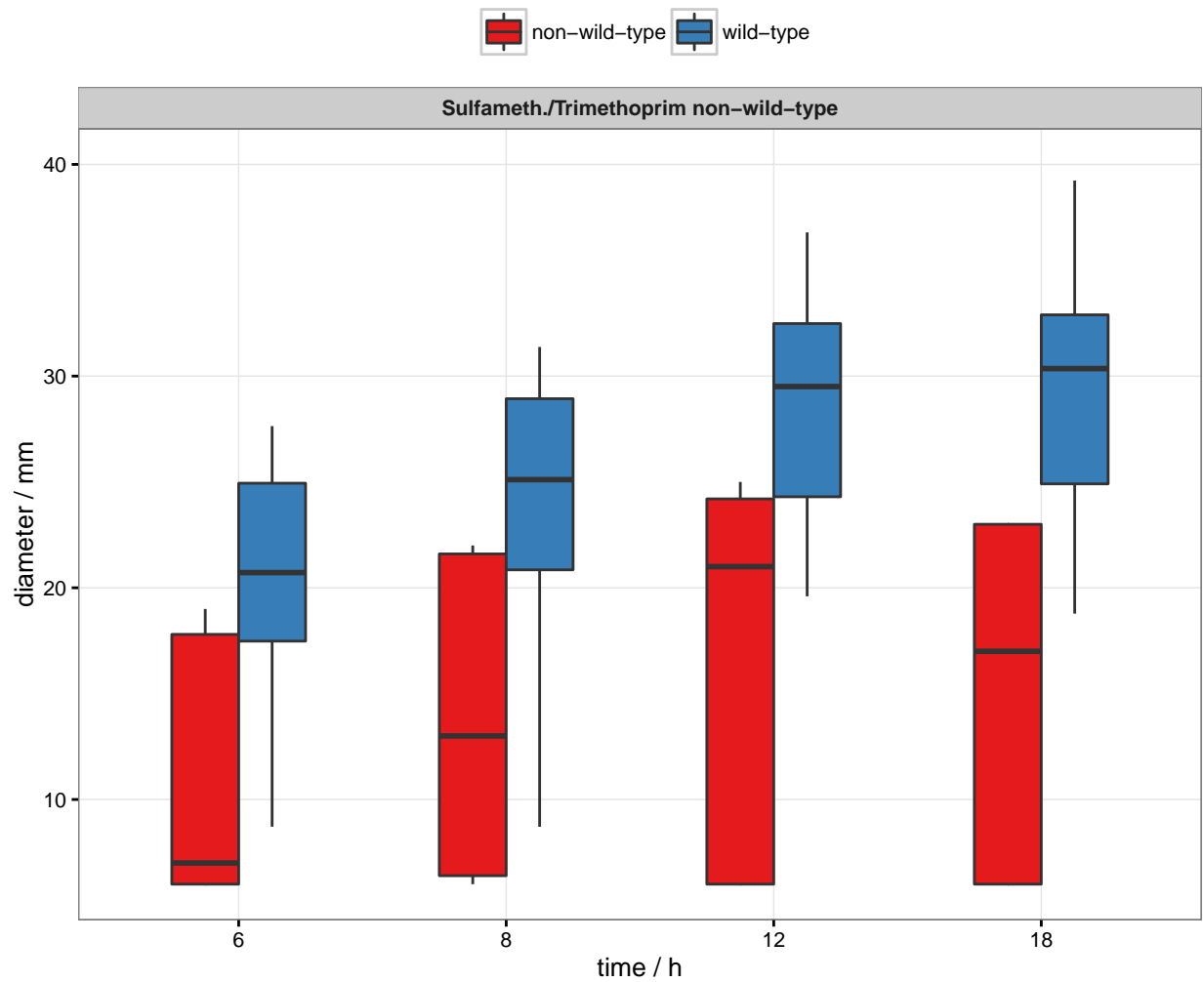
phenotype	n
Sulfameth./Trimethoprim non-wild-type	82
Sulfameth./Trimethoprim wild-type	143



Caption or footnote for Sulfameth./Trimethoprim / *Klebsiella pneumoniae*, 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.

23.4 Sulfameth./Trimethoprim, *Staphylococcus aureus*

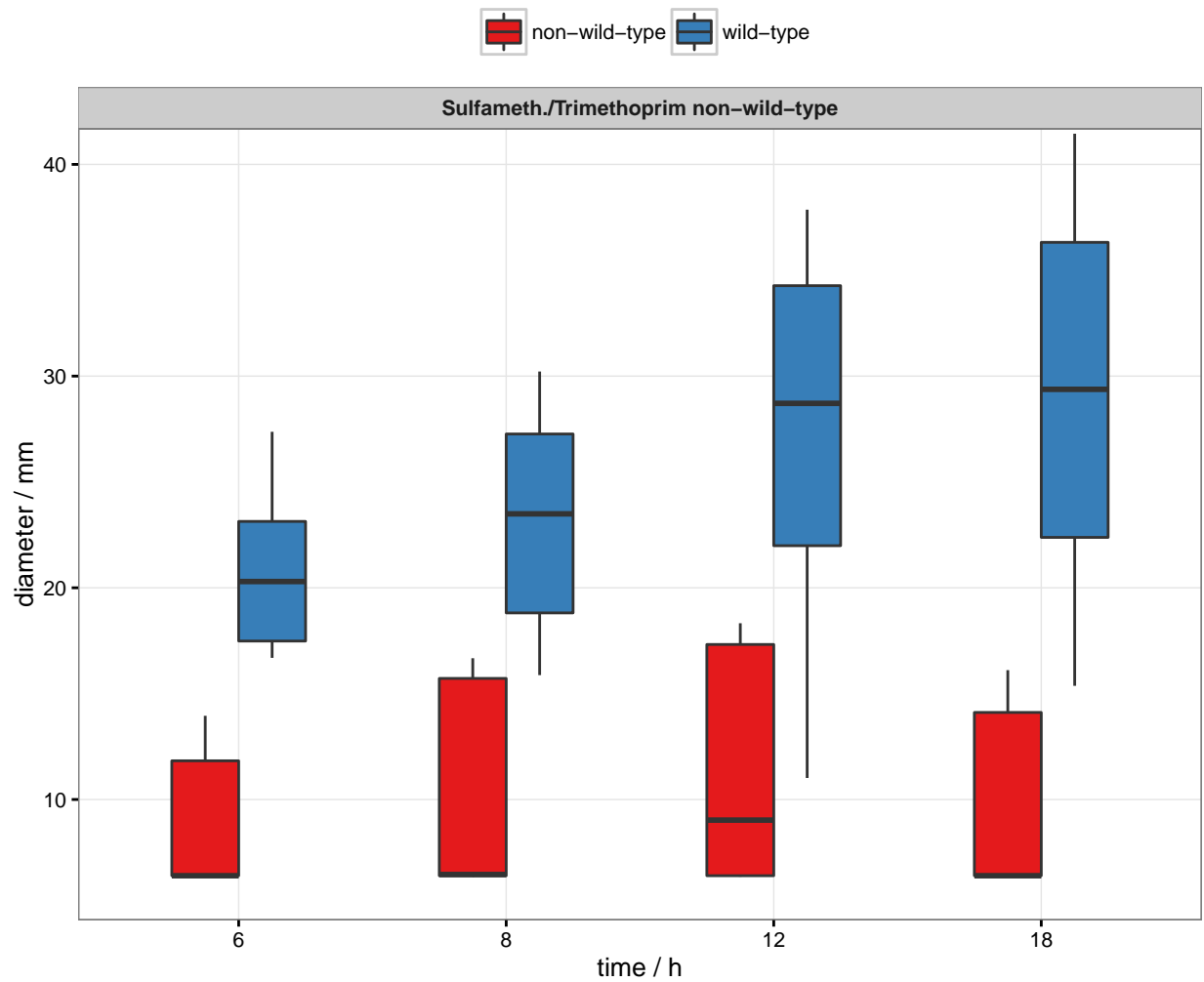
phenotype	n
Sulfameth./Trimethoprim non-wild-type	9
Sulfameth./Trimethoprim wild-type	164



Caption or footnote for Sulfameth./Trimethoprim / *Staphylococcus aureus*, 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.

23.5 Sulfameth./Trimethoprim, *Staphylococcus epidermidis*

phenotype	n
Sulfameth./Trimethoprim non-wild-type	136
Sulfameth./Trimethoprim wild-type	155

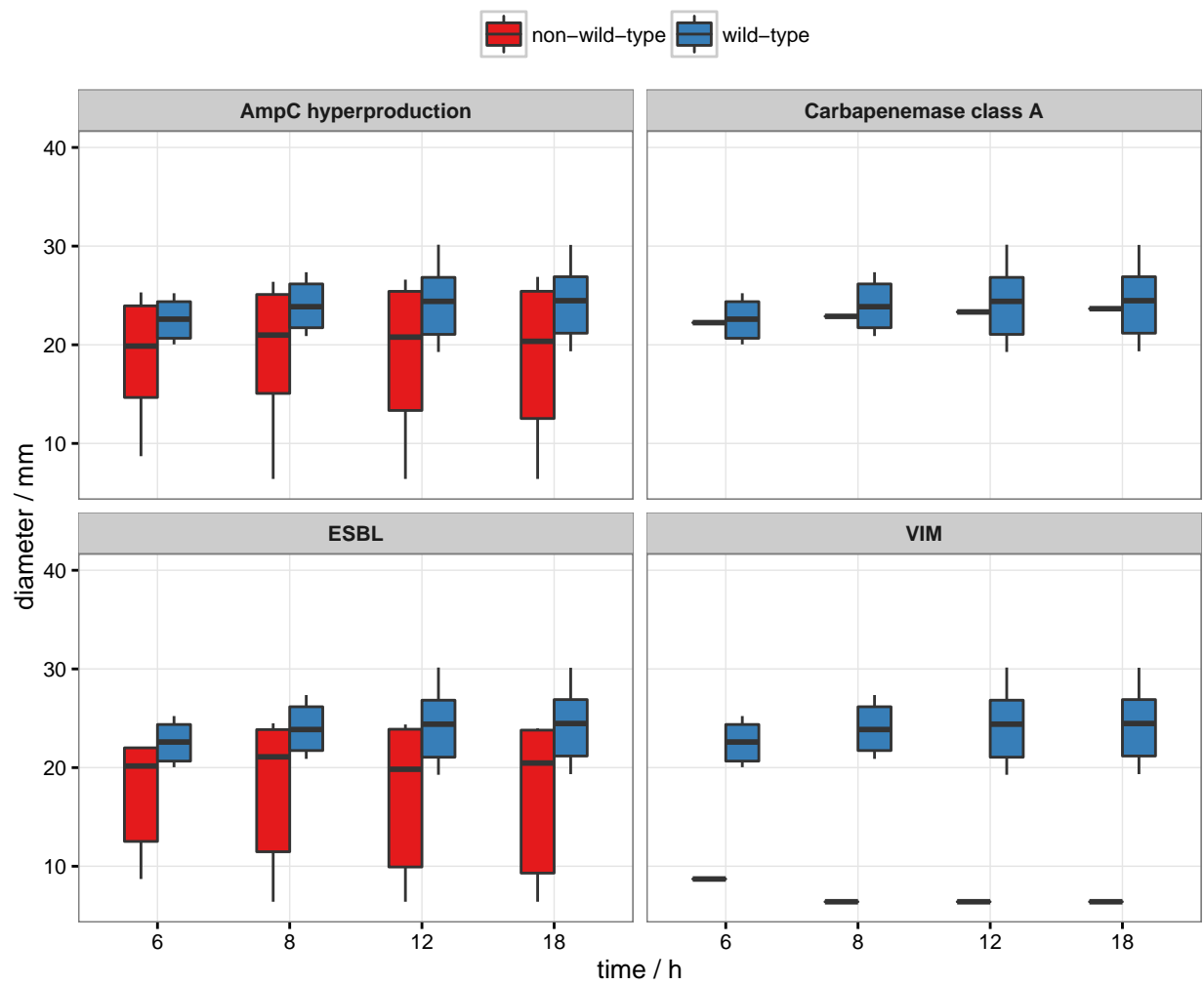


Caption or footnote for Sulfameth./Trimethoprim / *Staphylococcus epidermidis*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

24 Temocillin

24.1 Temocillin, *Enterobacter cloacae*

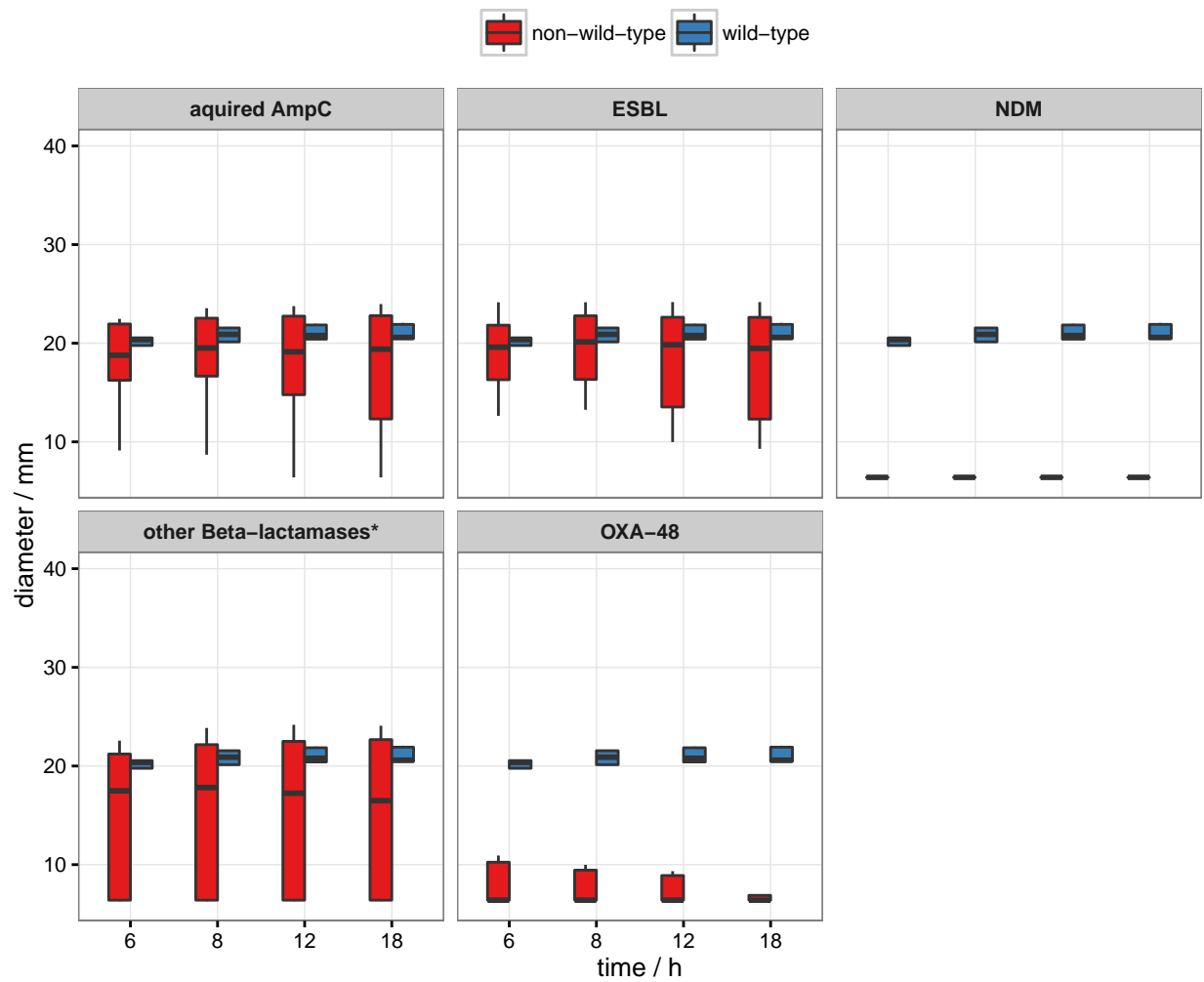
phenotype	n
AmpC hyperproduction	205
Beta-lactamase wild-type	51
Carbapenemase class A	1
ESBL	11
VIM	1



Caption or footnote for Temocillin / *Enterobacter cloacae*, 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.

24.2 Temocillin, *Escherichia coli*

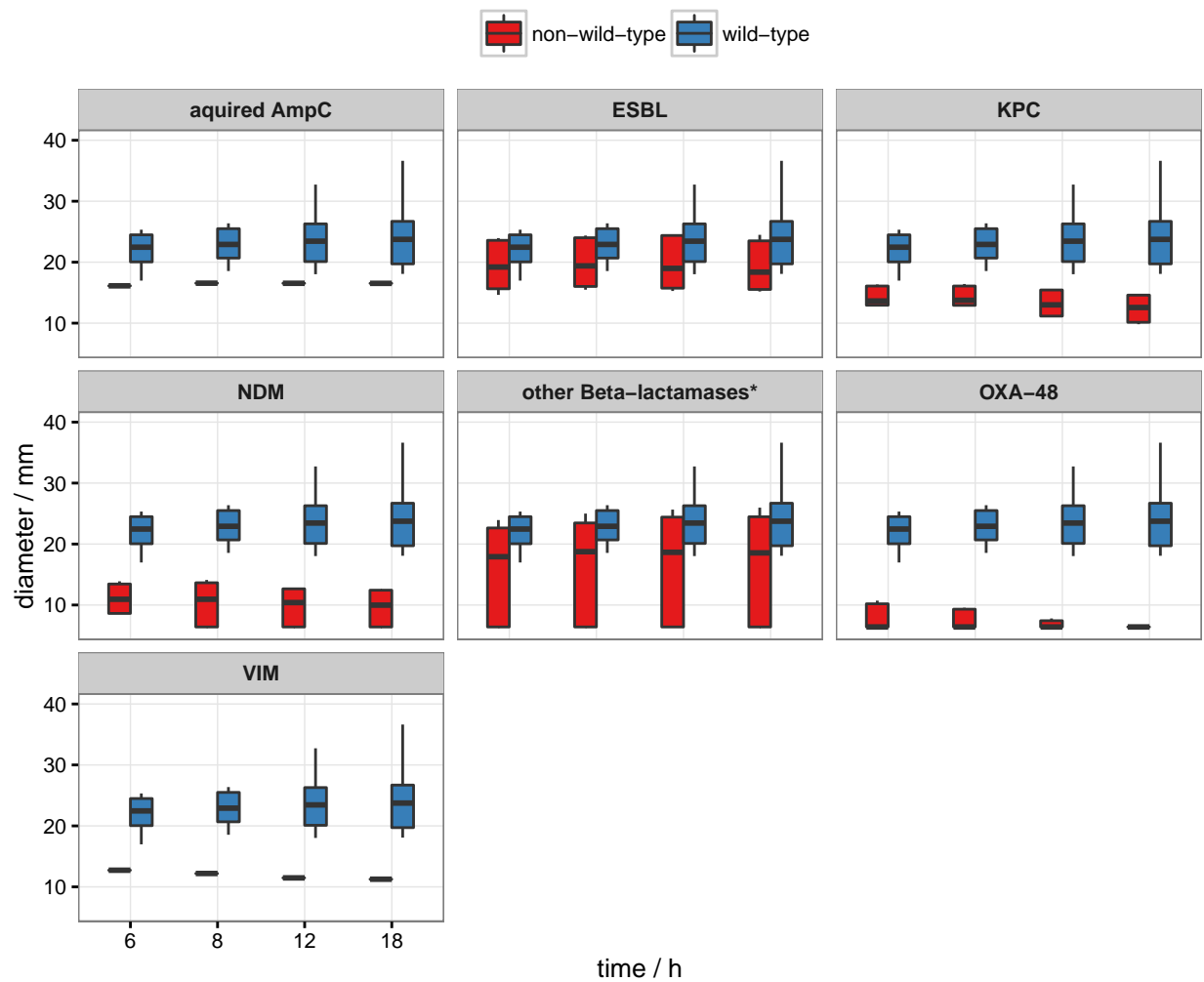
phenotype	n
acquired AmpC	32
Beta-lactamase wild-type	3
ESBL	91
NDM	1
other Beta-lactamases*	52
OXA-48	4



Caption or footnote for Temocillin / *Escherichia coli*, 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.

24.3 Temocillin, *Klebsiella pneumoniae*

phenotype	n
acquired AmpC	1
Beta-lactamase wild-type	124
ESBL	18
KPC	10
NDM	5
other Beta-lactamases*	99
OXA-48	10
VIM	1

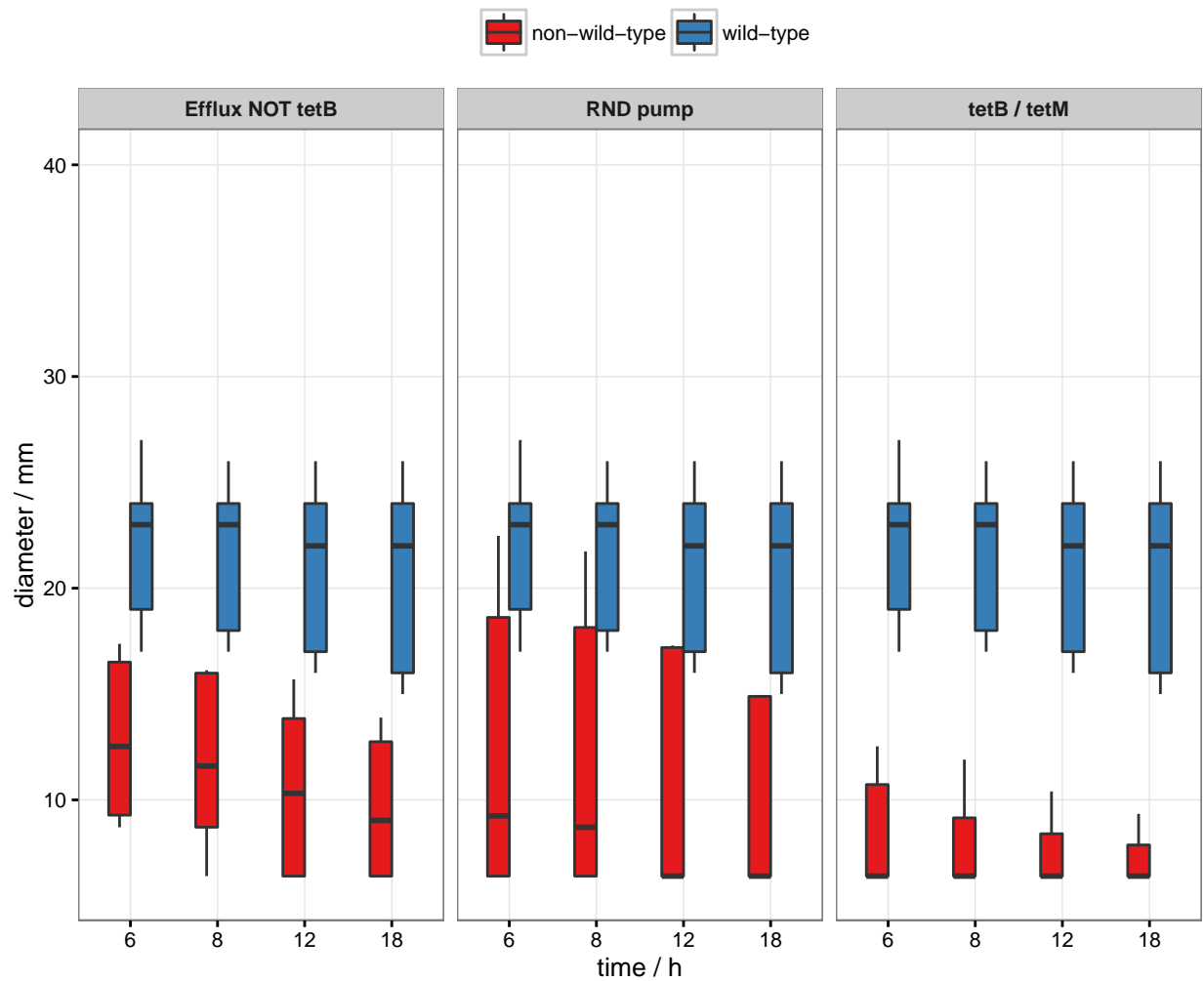


Caption or footnote for Temocillin / *Klebsiella pneumoniae*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

25 Tetracycline

25.1 Tetracycline, *Enterobacter cloacae*

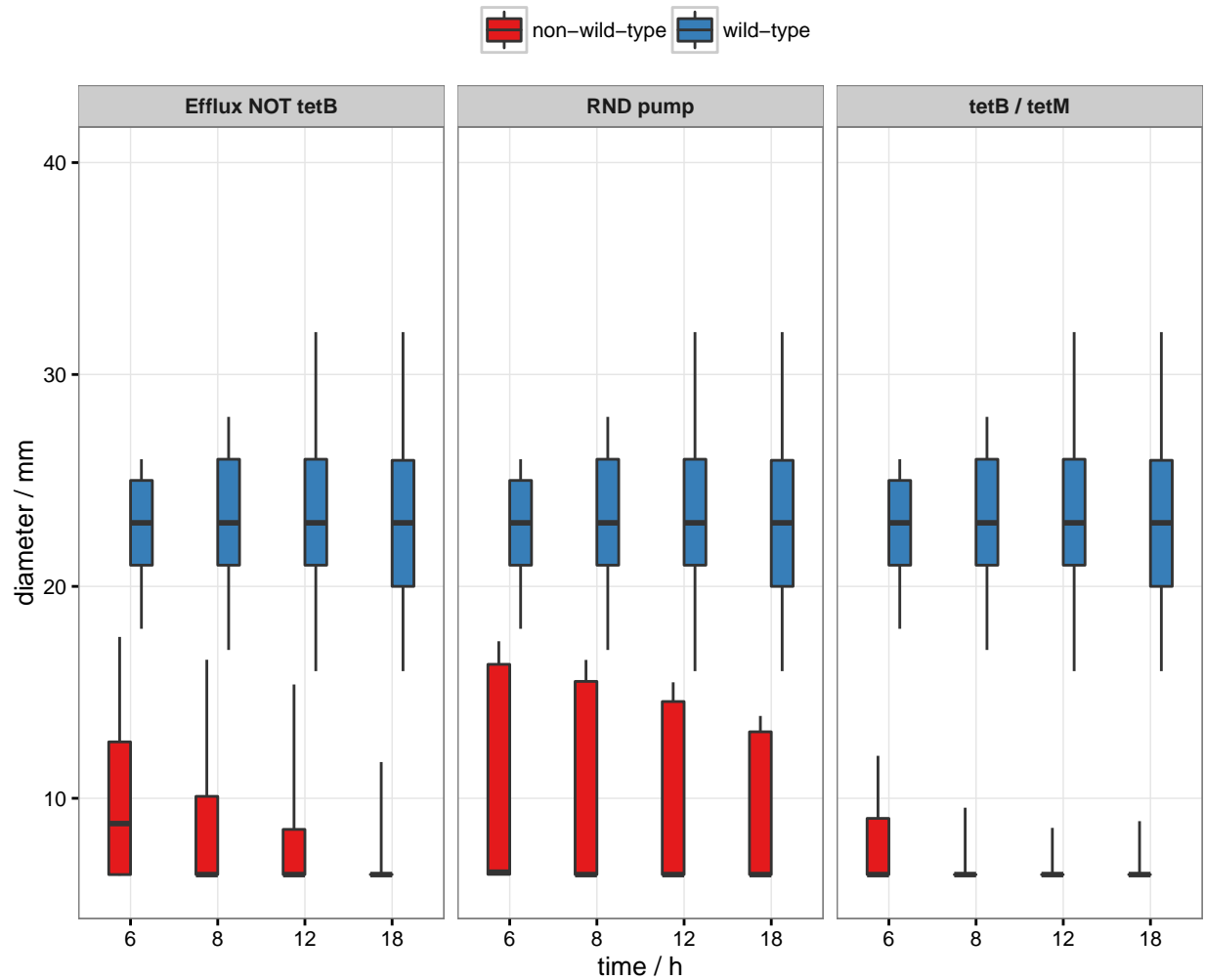
phenotype	n
Efflux NOT tetB	21
RND pump	49
tetB / tetM	11
Tetracycline wild-type	220



Caption or footnote for Tetracycline / *Enterobacter cloacae*, 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.

25.2 Tetracycline, *Escherichia coli*

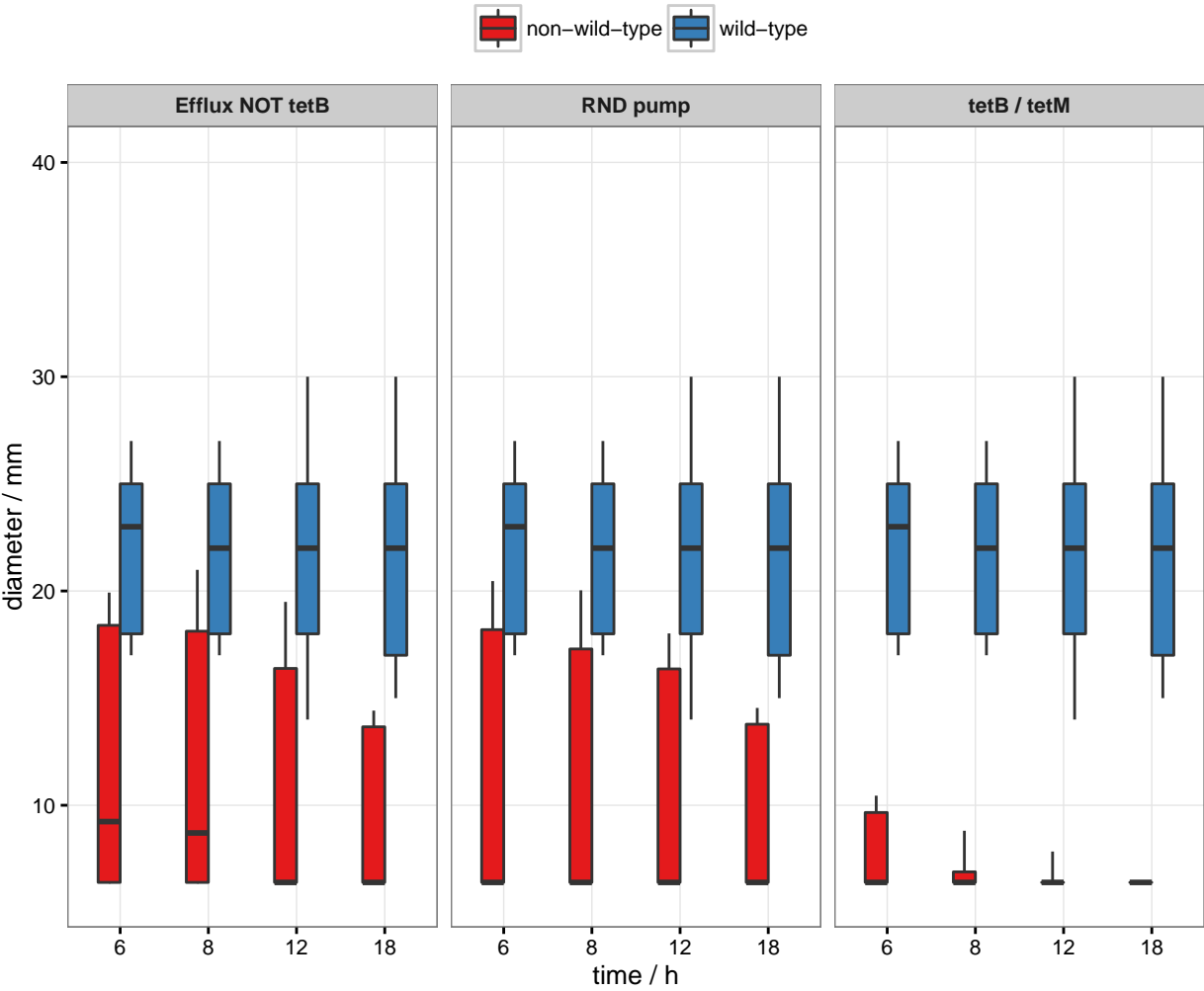
phenotype	n
Efflux NOT tetB	145
RND pump	3
tetB / tetM	125
Tetracycline wild-type	202



Caption or footnote for Tetracycline / *Escherichia coli*, 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.

25.3 Tetracycline, *Klebsiella pneumoniae*

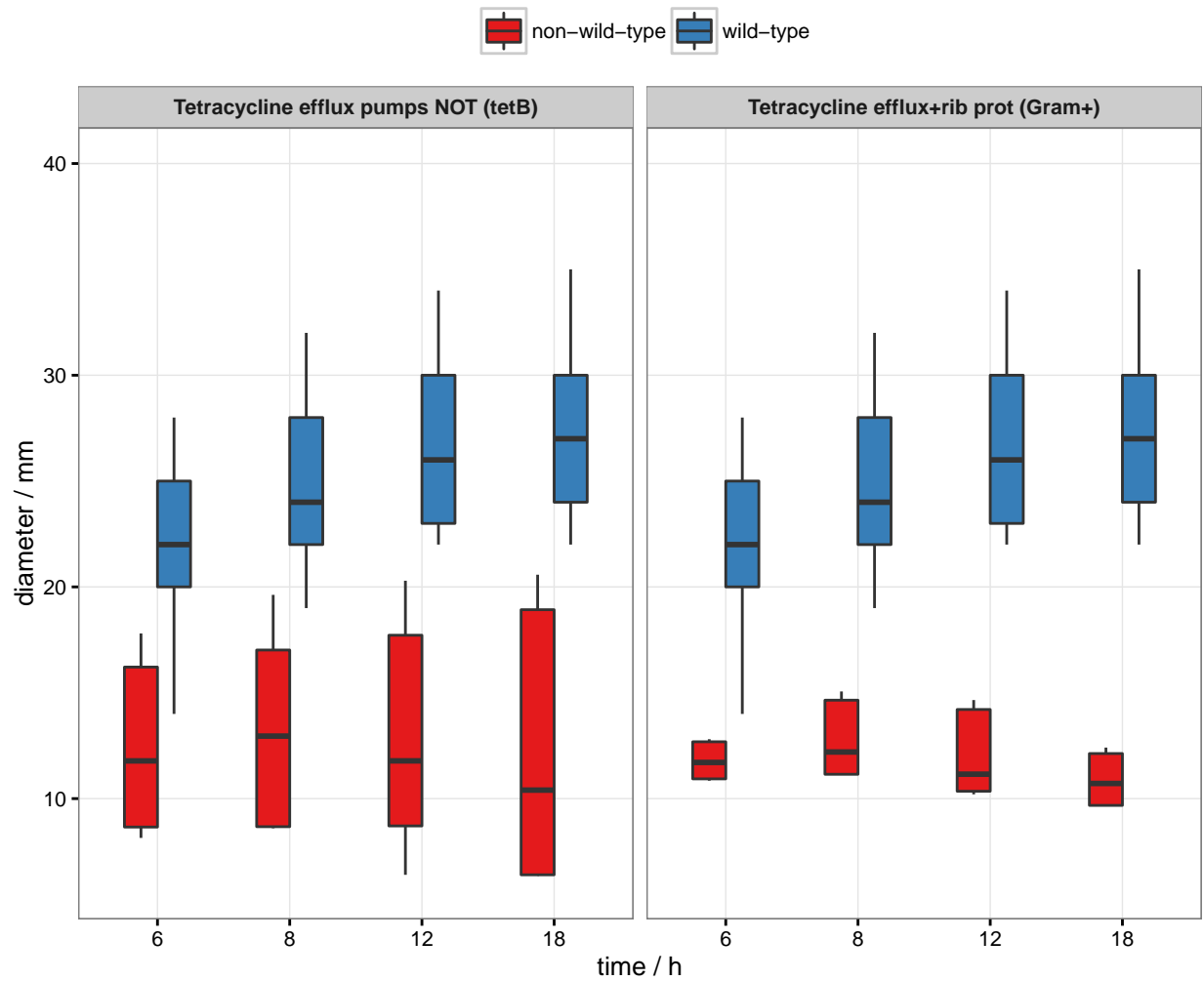
phenotype	n
Efflux NOT tetB	31
RND pump	87
tetB / tetM	36
Tetracycline wild-type	222



Caption or footnote for Tetracycline / *Klebsiella pneumoniae*, 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.

25.4 Tetracycline, *Staphylococcus aureus*

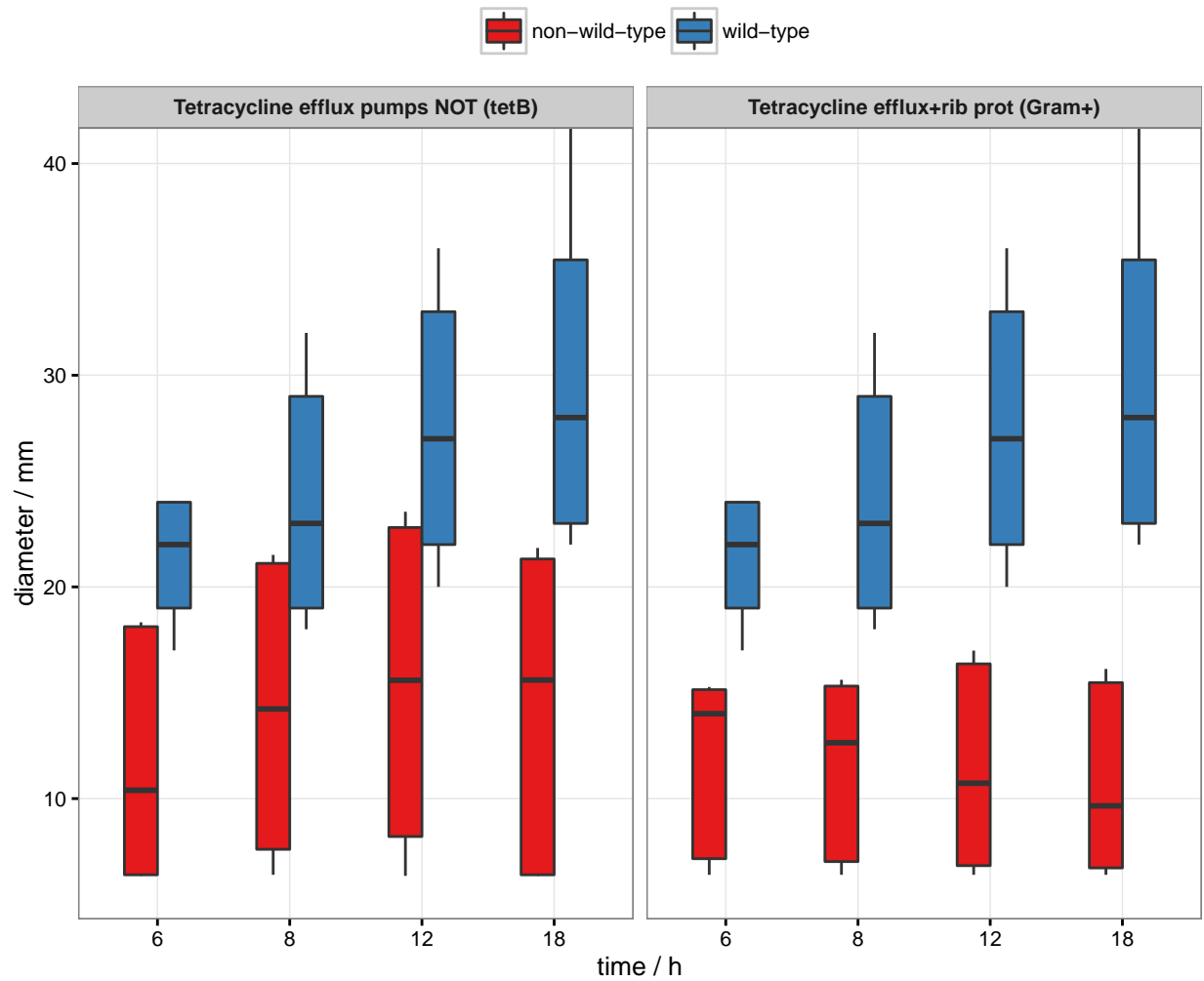
phenotype	n
Tetracycline efflux pumps NOT (tetB)	35
Tetracycline efflux+rib prot (Gram+)	5
Tetracycline wild-type	366



Caption or footnote for Tetracycline / *Staphylococcus aureus*, 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.

25.5 Tetracycline, *Staphylococcus epidermidis*

phenotype	n
Tetracycline efflux pumps NOT (tetB)	59
Tetracycline efflux+rib prot (Gram+)	3
Tetracycline wild-type	232

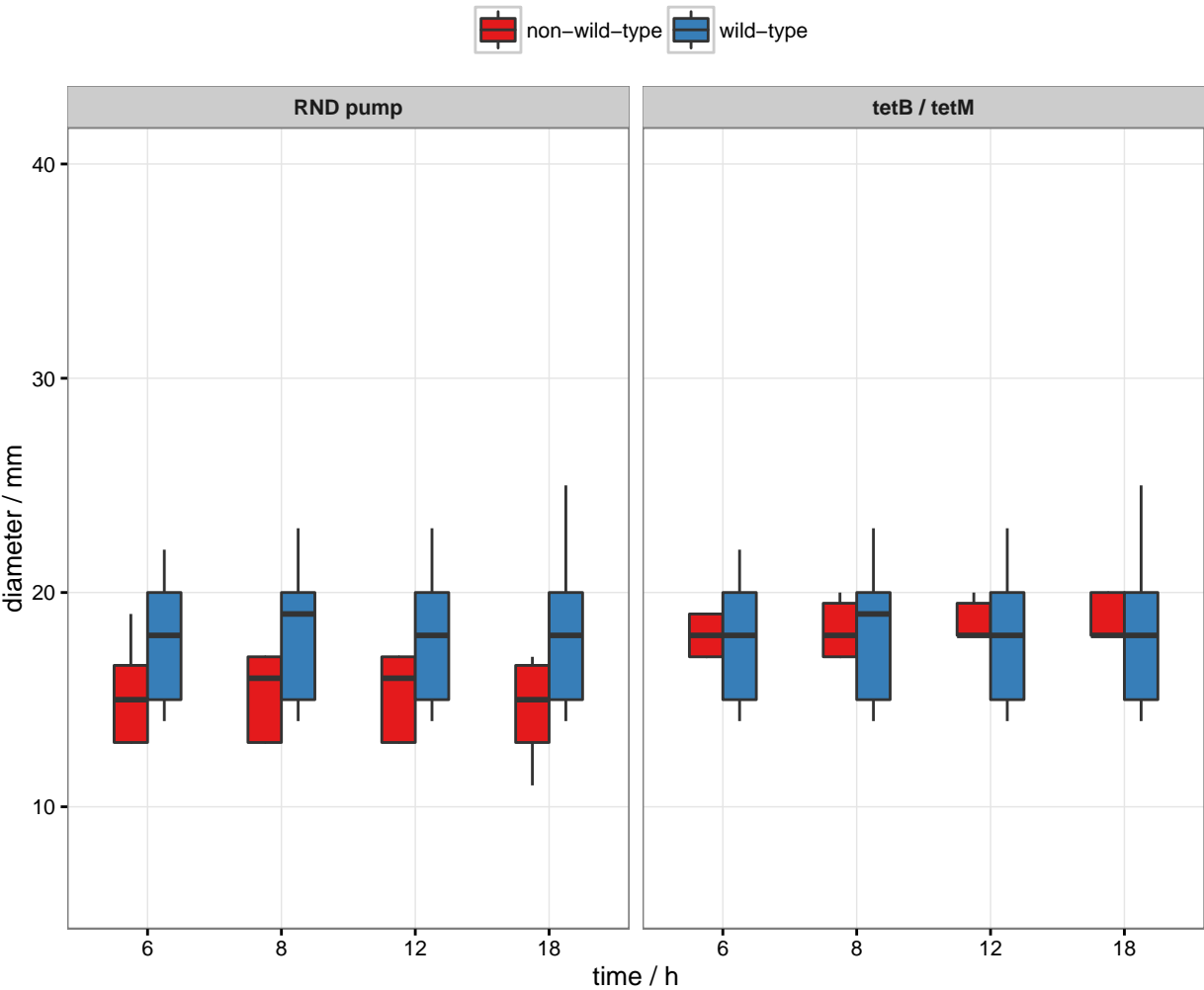


Caption or footnote for Tetracycline / *Staphylococcus epidermidis*, to be written. Boxes range from the 5th to the 95th percentiles, whiskers cover the whole range of the data, and thick lines indicate medians.

26 Tigecycline

26.1 Tigecycline, *Enterobacter cloacae*

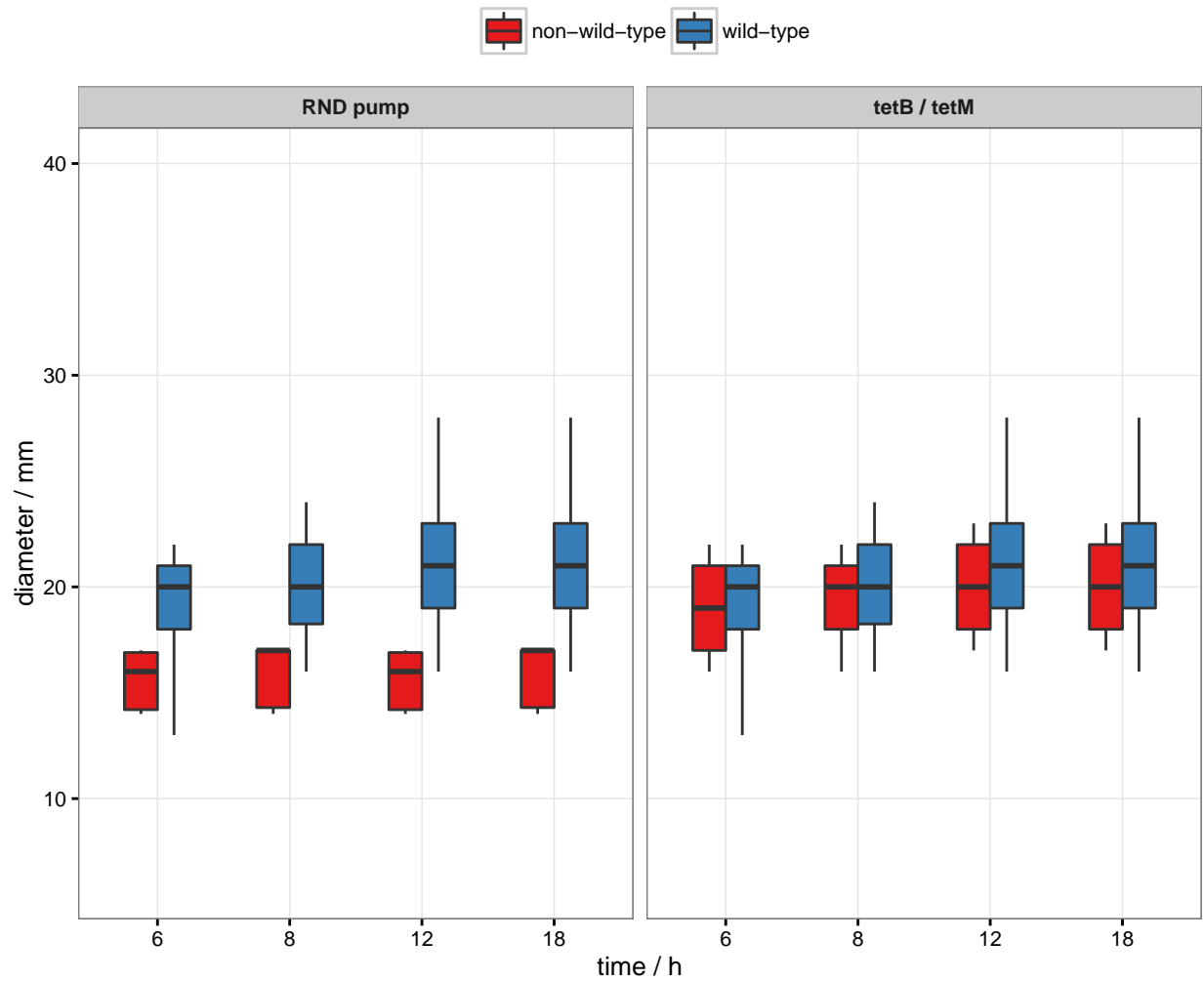
phenotype	n
RND pump	49
tetB / tetM	11
Tetracycline wild-type	241



Caption or footnote for Tigecycline / *Enterobacter cloacae*, 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.

26.2 Tigecycline, *Escherichia coli*

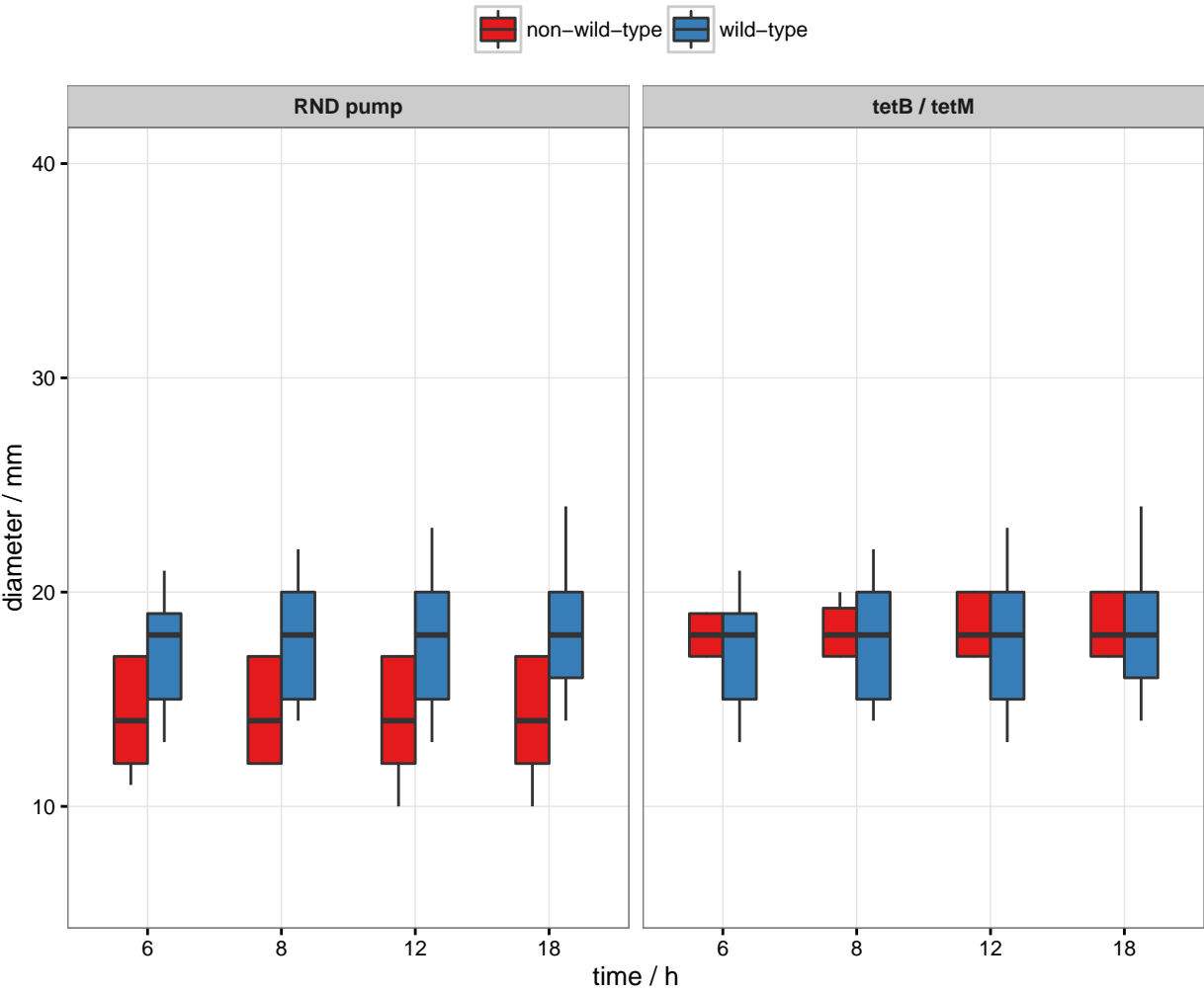
phenotype	n
RND pump	3
tetB / tetM	125
Tetracycline wild-type	347



Caption or footnote for Tigecycline / *Escherichia coli*, 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.

26.3 Tigecycline, *Klebsiella pneumoniae*

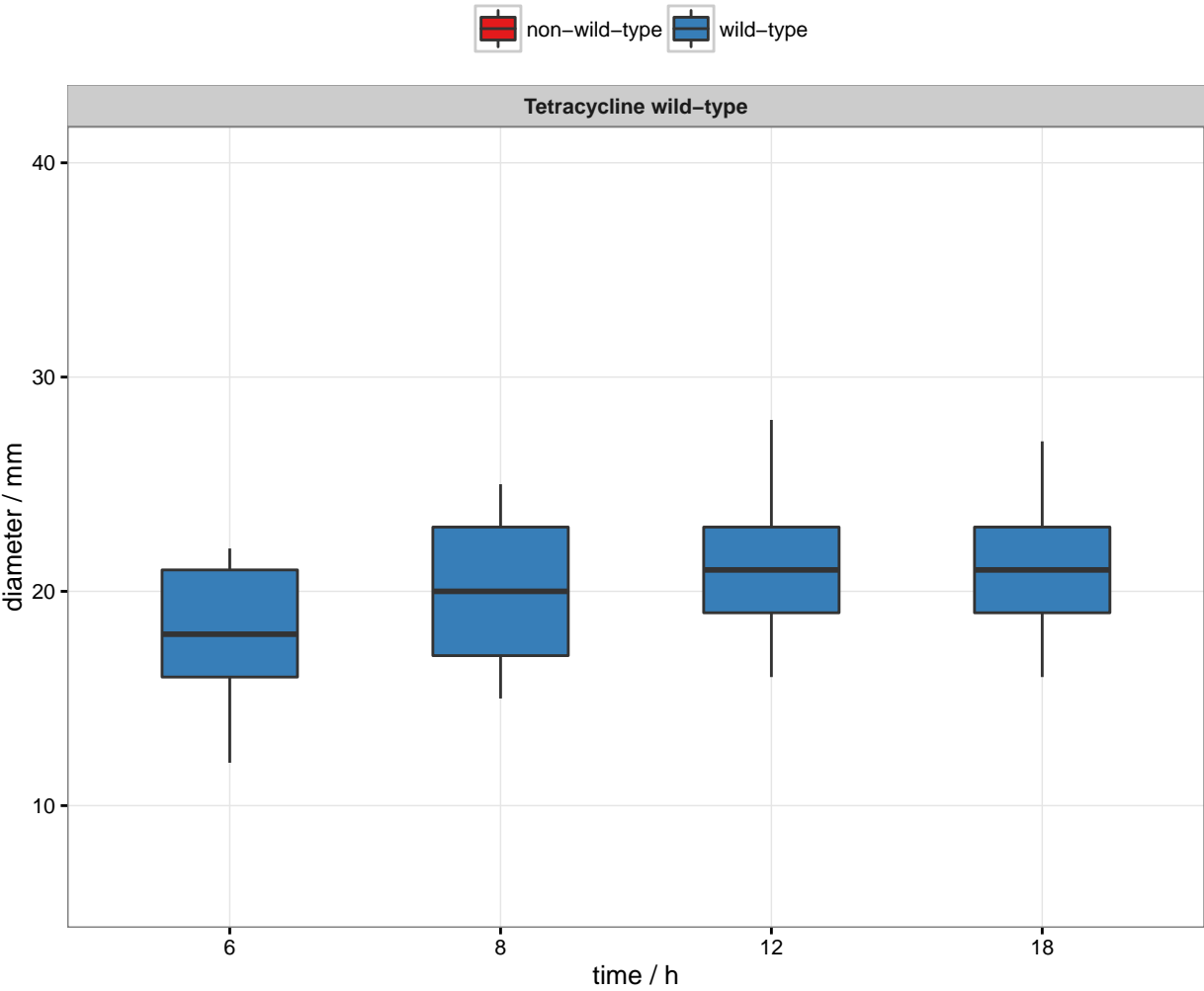
phenotype	n
RND pump	87
tetB / tetM	36
Tetracycline wild-type	253



Caption or footnote for Tigecycline / *Klebsiella pneumoniae*, 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.

26.4 Tigecycline, *Staphylococcus aureus*

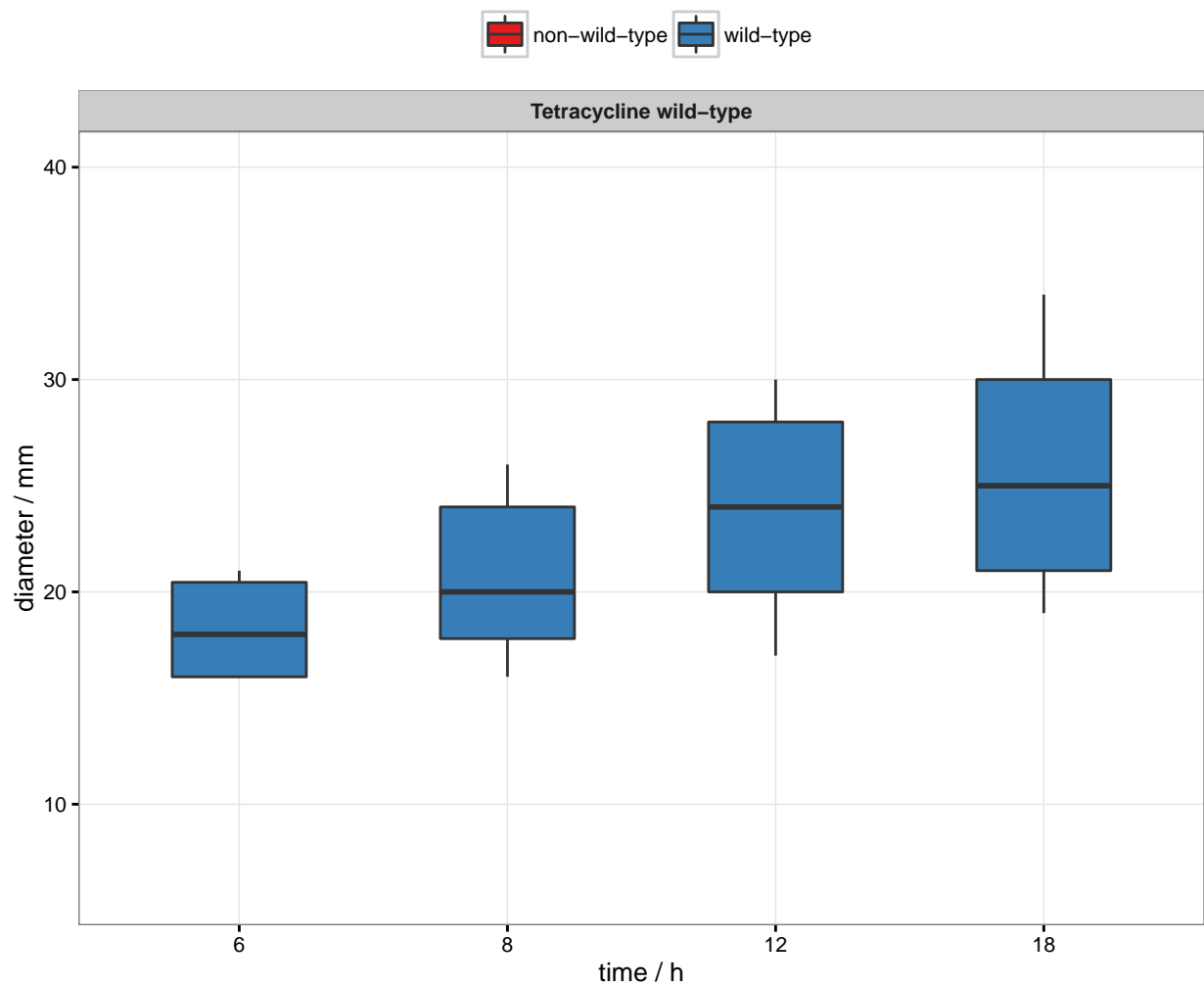
phenotype	n
Tetracycline wild-type	406



Caption or footnote for Tigecycline / *Staphylococcus aureus*, to be written.

26.5 Tigecycline, *Staphylococcus epidermidis*

phenotype	n
Tetracycline wild-type	294

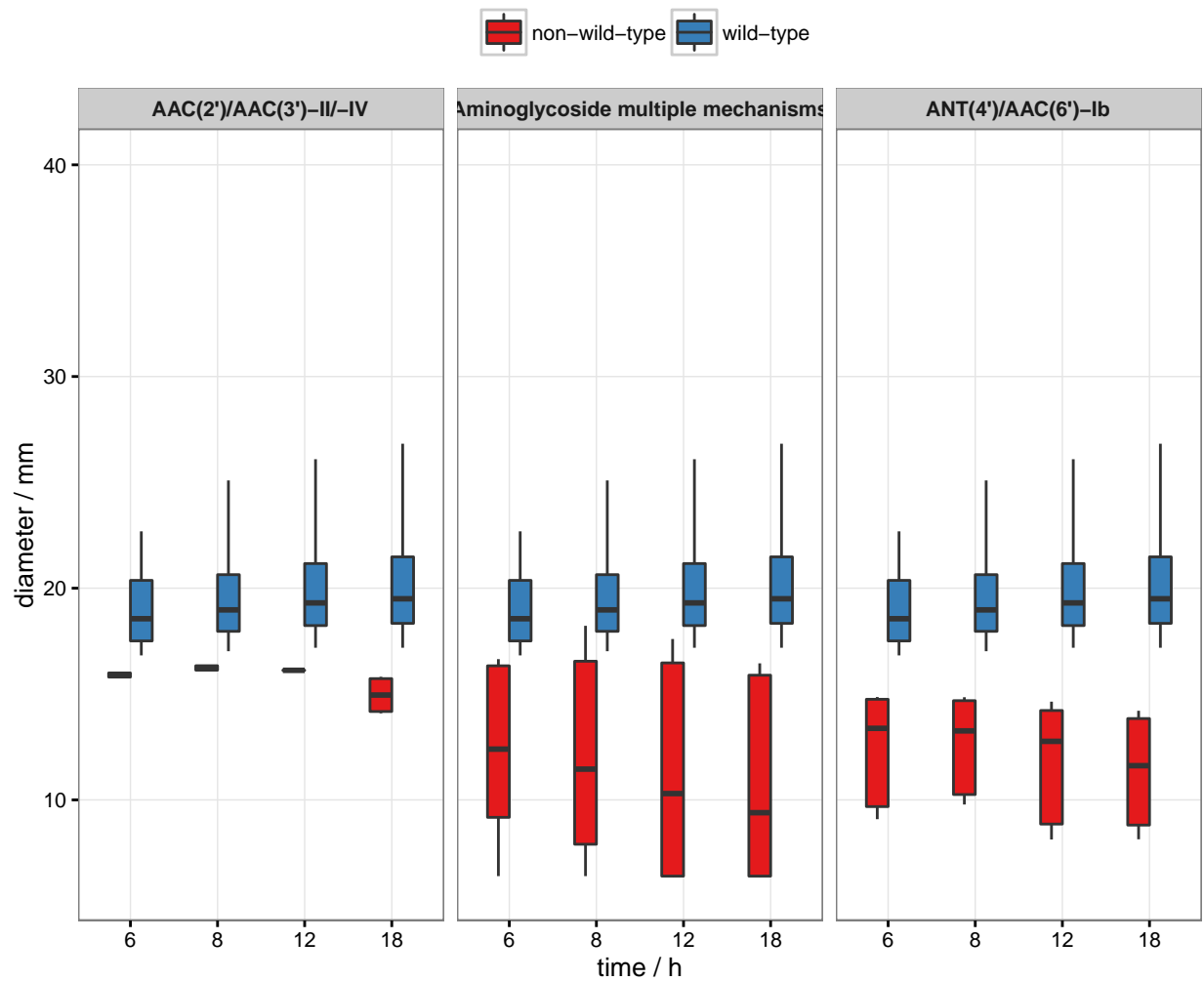


Caption or footnote for Tigecycline / *Staphylococcus epidermidis*, to be written.

27 Tobramycin

27.1 Tobramycin, *Enterobacter cloacae*

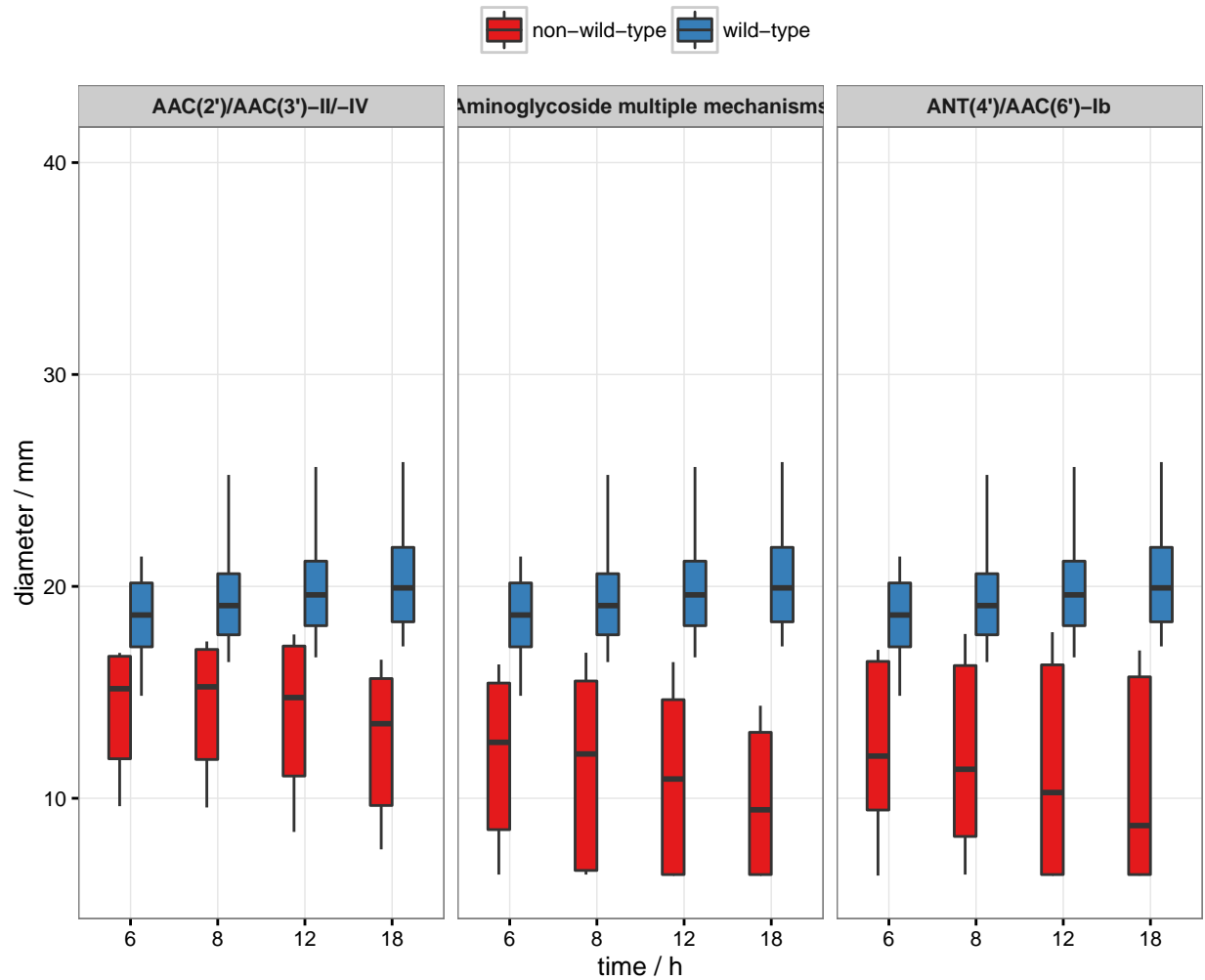
phenotype	n
AAC(2')/AAC(3')-II/-IV	2
Aminoglycoside multiple mechanisms	84
Aminoglycoside wild-type	207
ANT(4')/AAC(6')-Ib	6



Caption or footnote for Tobramycin / *Enterobacter cloacae*, 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.

27.2 Tobramycin, *Escherichia coli*

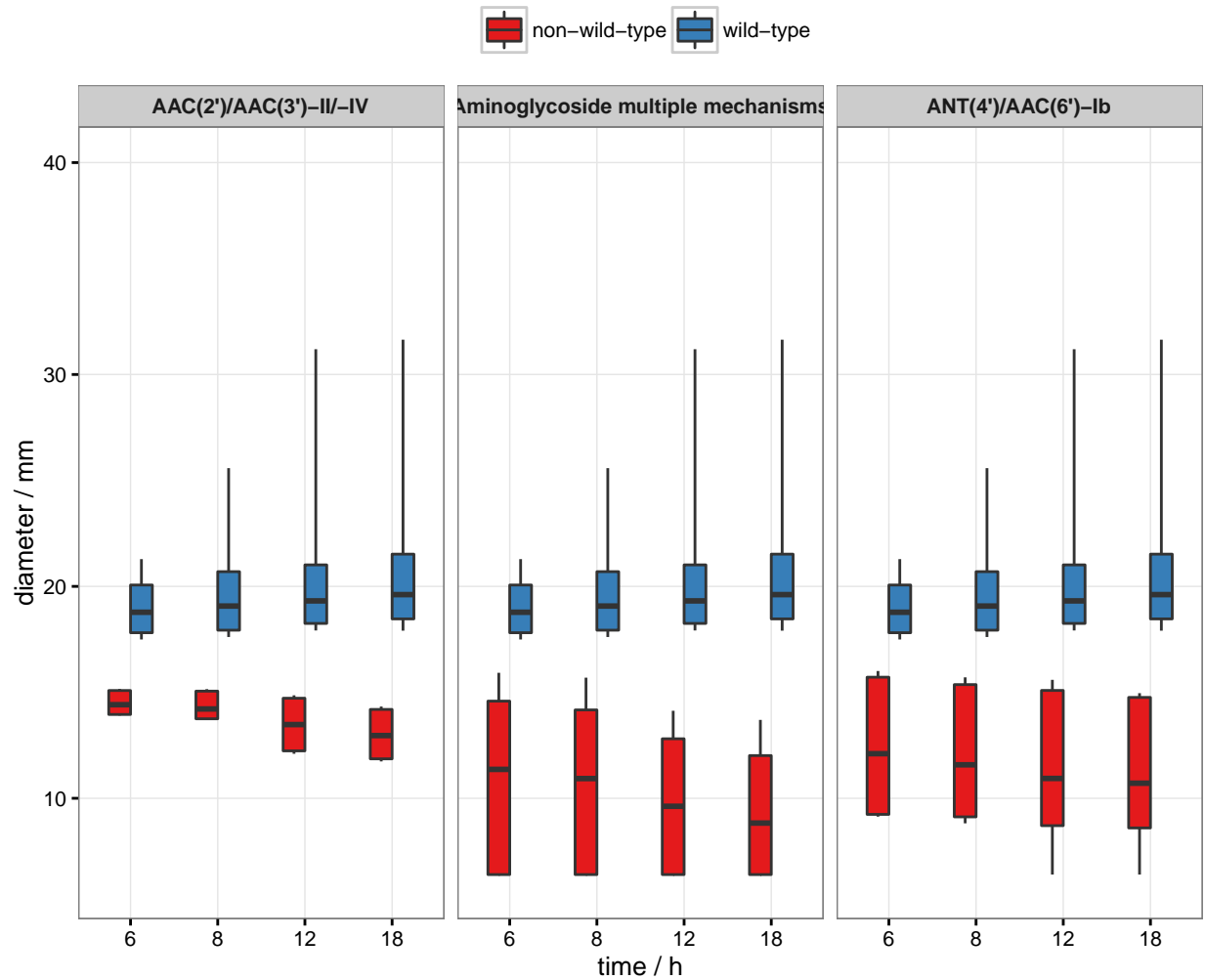
phenotype	n
AAC(2')/AAC(3')-II/-IV	11
Aminoglycoside multiple mechanisms	113
Aminoglycoside wild-type	300
ANT(4')/AAC(6')-Ib	49



Caption or footnote for Tobramycin / *Escherichia coli*, 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.

27.3 Tobramycin, *Klebsiella pneumoniae*

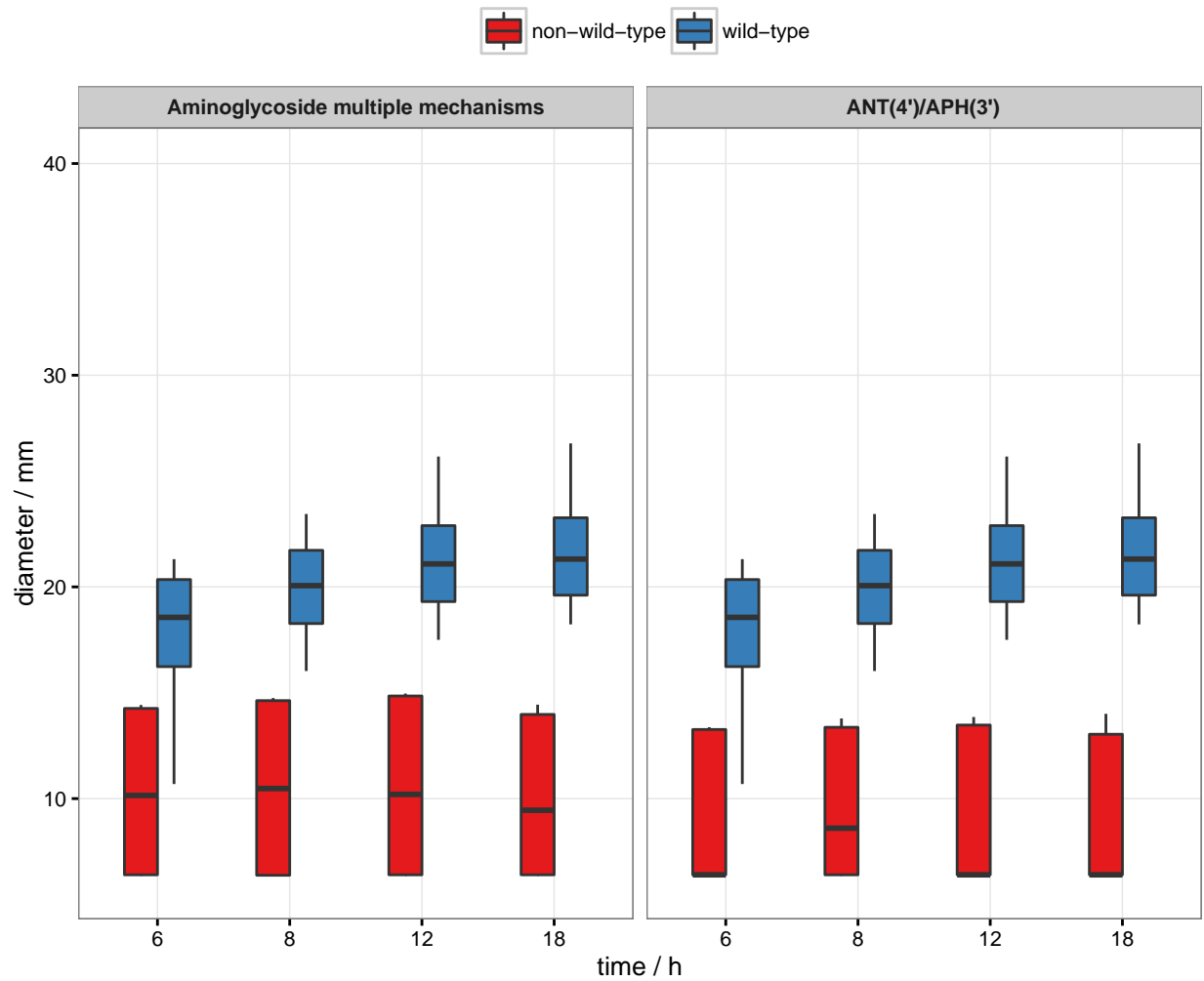
phenotype	n
AAC(2')/AAC(3')-II/-IV	3
Aminoglycoside multiple mechanisms	72
Aminoglycoside wild-type	259
ANT(4')/AAC(6')-Ib	41



Caption or footnote for Tobramycin / *Klebsiella pneumoniae*, 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.

27.4 Tobramycin, *Staphylococcus aureus*

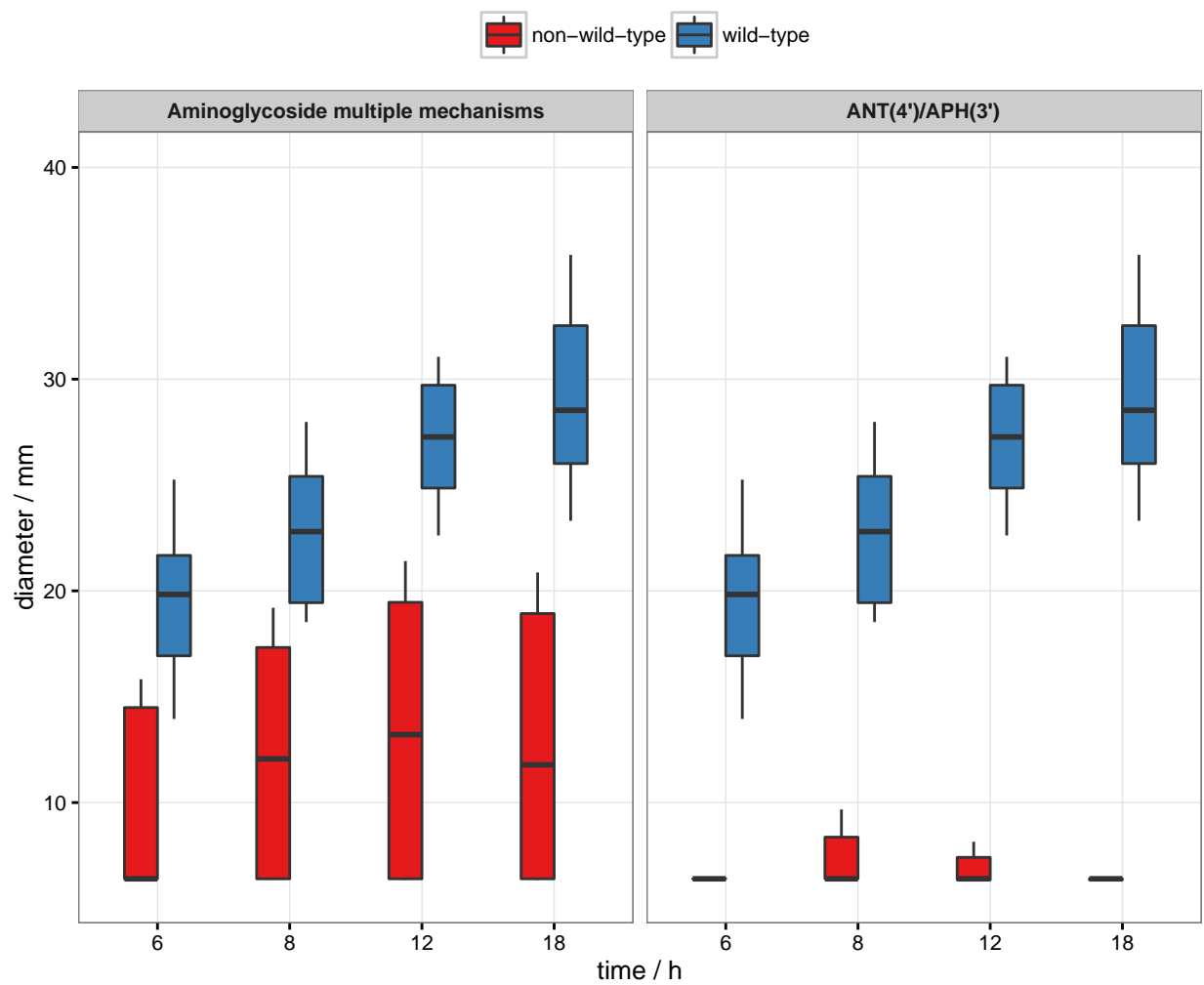
phenotype	n
Aminoglycoside multiple mechanisms	12
Aminoglycoside wild-type	372
ANT(4')/APH(3')	21



Caption or footnote for Tobramycin / *Staphylococcus aureus*, 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.

27.5 Tobramycin, *Staphylococcus epidermidis*

phenotype	n
Aminoglycoside multiple mechanisms	148
Aminoglycoside wild-type	117
ANT(4')/APH(3')	10



Caption or footnote for Tobramycin / *Staphylococcus epidermidis*, 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.