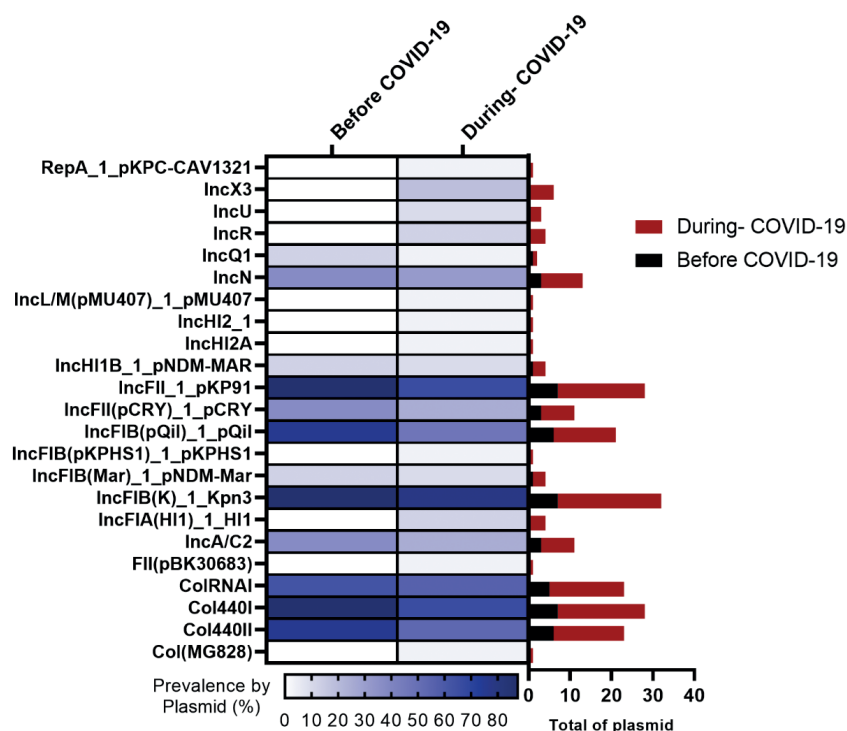


I SUPPLEMENTARY MATERIAL

COVID-19 pandemic-driven evolution of *Klebsiella pneumoniae*: rising resistance, genetic diversity, and virulence in a Brazilian tertiary hospital

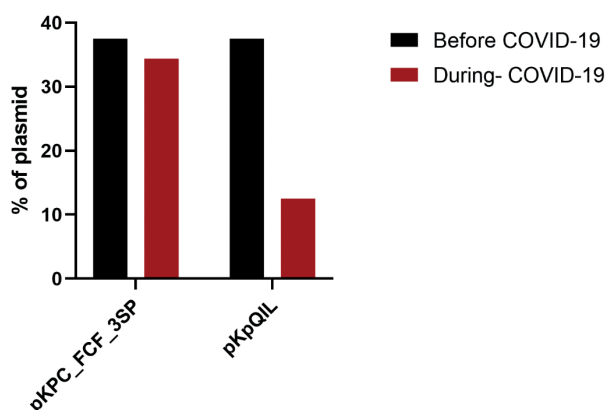
Romário Oliveira de Sales, Laura Leaden, Paula Célia Mariko Koga, André Mario Doi, Letícia Busato Migliorini, Alexandra do Rosario Toniolo, Fernando Gatti de Menezes, Marines Dalla Valle Martino, Patricia Severino

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COVID-19: coronavirus disease 2019.

Figure 1S. Distribution of replicons during the studied periods



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Figure 2S. Proportion of isolates carrying pKPC_FCF3SP and pKpQIL plasmids before and during the COVID-19 pandemic

Table 1S. Proportion of antimicrobial resistance genes

Gene	Before COVID-19	During- COVID-19	Before COVID-19	During- COVID-19	Class
aac(3)-IId	25.00	15.63	1	1	Aminoglycosides
aac(3)-IIe	50.00	40.63	1	1	Aminoglycosides
aac(6')-Ib-AKT	0.00	21.88	0	1	Aminoglycosides
aac(6')-Ib-D181Y	75.00	50.00	1	1	Aminoglycosides
aadA1	0.00	3.13	0	1	Aminoglycosides
aadA2	50.00	34.38	1	1	Aminoglycosides
aph(3')-Ia	37.50	34.38	1	1	Aminoglycosides
aph(3')-Ib	0.00	15.63	0	1	Aminoglycosides
aph(3')-VIa	12.50	3.13	1	1	Aminoglycosides
aph(6)-Id	0.00	12.50	0	1	Aminoglycosides
blaCTX-M-15	75.00	43.75	1	1	Beta-Lactam
blaCTX-M-2	0.00	3.13	0	1	Beta-Lactam
blaKPC-2	87.50	71.88	1	1	Beta-Lactam
blaKPC-3	12.50	6.25	1	1	Beta-Lactam
blaKPC-33	0.00	3.13	0	1	Beta-Lactam
blaLAP-2	37.50	21.88	1	1	Beta-Lactam
blaNDM-1	0.00	6.25	0	1	Beta-Lactam
blaNDM-7	0.00	3.13	0	1	Beta-Lactam
blaOXA-1	75.00	50.00	1	1	Beta-Lactam
blaOXA-2	0.00	15.63	0	1	Beta-Lactam
blaOXA-9	25.00	6.25	1	1	Beta-Lactam
blaSHV-101	0.00	3.13	0	1	Beta-Lactam
blaSHV-106	0.00	6.25	0	1	Beta-Lactam
blaSHV-145	25.00	9.38	1	1	Beta-Lactam
blaSHV-158	62.50	75.00	1	1	Beta-Lactam
blaSHV-187	0.00	3.13	0	1	Beta-Lactam
blaSHV-212	12.50	3.13	1	1	Beta-Lactam
blaTEM-1	50.00	43.75	1	1	Beta-Lactam
ble-MBL	0.00	9.38	0	1	Bleomycin
catA1	0.00	15.63	0	1	Chloramphenicol
catA2	12.50	3.13	1	1	Chloramphenicol
dfrA12	50.00	31.25	1	1	Trimethoprim
dfrA14	12.50	18.75	1	1	Trimethoprim
dfrA26	0.00	3.13	0	1	Trimethoprim
dfrA30	25.00	12.50	1	1	Trimethoprim
dfrA32	0.00	3.13	0	1	Trimethoprim
ere(A)	0.00	3.13	0	1	Erythromycin
fosA_gen	12.50	3.13	1	1	Fosfomycin
fosA5	12.50	6.25	1	1	Fosfomycin
fosA6	75.00	90.63	1	1	Fosfomycin
fosA7.4	0.00	3.13	0	1	Fosfomycin
mph(A)	75.00	53.13	1	1	Macrolide
oqxA	62.50	75.00	1	1	Quinolone
oqxA10	25.00	9.38	1	1	Quinolone
oqxA5	0.00	9.38	0	1	Quinolone
oqxA6	0.00	3.13	0	1	Quinolone
oqxB	62.50	68.75	1	1	Quinolone
oqxB12	0.00	3.13	0	1	Quinolone
oqxB19	0.00	9.38	0	1	Quinolone
oqxB31	12.50	3.13	1	1	Quinolone
oqxB32	12.50	6.25	1	1	Quinolone
qnrB1	0.00	15.63	0	1	Quinolone
qnrE1	0.00	3.13	0	1	Quinolone
qnrS1	25.00	25.00	1	1	Quinolone
sat2_fam	0.00	12.50	0	1	Streptothricin
sul1	50.00	65.63	1	1	Sulfonamide
sul2	37.50	43.75	1	1	Sulfonamide
tet(A)	37.50	15.63	1	1	Tetracycline
tet(B)	0.00	3.13	0	1	Tetracycline
tet(D)	25.00	18.75	1	1	Tetracycline

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