

## ORIGINAL RESEARCH ARTICLE

# Wastewater-based monitoring of SARS-CoV-2: Insights from small and low-income Brazilian cities

## Supplementary File

**Table S1. Detailed list of infected samples with cycle threshold values**

Sampling point	Collection date	Results	Mean cycle threshold values
WWTP Salinas	07.2.23	Positive	37.4
Raquel neighborhood	07.2.23	Negative	-
IFNMG	07.2.23	Negative	-
WWTP Rubelita	07.2.23	Negative	-
WWTP Salinas	24.2.23	Negative	-
Raquel neighborhood	24.2.23	Negative	-
IFNMG	24.2.23	Negative	-
WWTP Rubelita	24.2.23	Negative	-
WWTP Salinas	08.3.23	Negative	-
Raquel neighborhood	08.3.23	Negative	-
IFNMG	08.3.23	Negative	-
WWTP Rubelita	08.3.23	Negative	-
WWTP Salinas	22.3.23	Positive	36.5
Raquel neighborhood	22.3.23	Negative	-
IFNMG	22.3.23	Negative	-
WWTP Rubelita	22.3.23	Negative	-
WWTP Salinas	05.4.23	Positive	37.5
Raquel neighborhood	05.4.23	Positive	37.4
IFNMG	05.4.23	Negative	-
WWTP Rubelita	05.4.23	Negative	-
WWTP Salinas	12.4.23	Positive	36.1
Raquel neighborhood	12.4.23	Negative	-
IFNMG	12.4.23	Negative	-
WWTP Rubelita	12.4.23	Negative	-
WWTP Salinas	27.4.23	Positive	34.2
Raquel neighborhood	27.4.23	Negative	-
IFNMG	27.4.23	Negative	-
WWTP Rubelita	27.4.23	Negative	-
WWTP Salinas	11.5.23	Positive	38.6
Raquel neighborhood	11.5.23	Positive	38.5
IFNMG	11.5.23	Positive	36.6
WWTP Rubelita	11.5.23	Negative	-
WWTP Salinas	24.5.23	Positive	31.5

(Contd...)

**Table S1. (Continued)**

Sampling point	Collection date	Results	Mean cycle threshold values
Raquel neighborhood	24.5.23	Positive	35.0
IFNMG	24.5.23	Positive	38.5
WWTP Rubelita	24.5.23	Negative	-
WWTP Salinas	06.06.23	Positive	33.7
Raquel neighborhood	06.06.23	Positive	39.0
IFNMG	06.06.23	Positive	38.0
WWTP Rubelita	06.06.23	Positive	33.7
WWTP Salinas	22.06.23	Positive	37.0
Raquel neighborhood	22.06.23	Positive	38.4
IFNMG	22.06.23	Positive	36.4
WWTP Rubelita	22.06.23	Negative	-
WWTP Salinas	05.07.23	Positive	35.3
Raquel neighborhood	05.07.23	Positive	33.6
IFNMG	05.07.23	Negative	-
WWTP Rubelita	05.07.23	Positive	32.2
WWTP Salinas	20.07.23	Positive	31.1
Raquel neighborhood	20.07.23	Negative	-
IFNMG	20.07.23	Positive	35.5
WWTP Rubelita	20.07.23	Negative	-
WWTP Salinas	03.08.23	Positive	32.9
Raquel neighborhood	03.08.23	Negative	-
IFNMG	03.08.23	Negative	-
WWTP Rubelita	03.08.23	Negative	-
WWTP Salinas	17.08.23	Negative	-
Raquel neighborhood	17.08.23	Positive	34.9
IFNMG	17.08.23	Positive	35.4
WWTP Rubelita	17.08.23	Positive	33.7
WWTP Salinas	30.08.23	Negative	-
Raquel neighborhood	30.08.23	Negative	-
IFNMG	30.08.23	Negative	-
WWTP Rubelita	30.08.23	Positive	31.8
WWTP Salinas	15.09.23	Positive	33.5
Raquel neighborhood	15.09.23	Positive	31.0
IFNMG	15.09.23	Negative	-
WWTP Rubelita	15.09.23	Negative	-
WWTP Salinas	25.09.23	Positive	36.9
Raquel neighborhood	25.09.23	Negative	-
IFNMG	25.09.23	Positive	36.6
WWTP Rubelita	25.09.23	Negative	-
WWTP Salinas	11.10.23	Positive	31.5
Raquel neighborhood	11.10.23	Positive	32.5
IFNMG	11.10.23	Negative	-

(Cont'd...)

**Table S1. (Continued)**

Sampling point	Collection date	Results	Mean cycle threshold values
WWTP Rubelita	11.10.23	Negative	-
WWTP Salinas	25.10.23	Positive	32.5
Raquel neighborhood	25.10.23	Positive	34.1
IFNMG	25.10.23	Positive	34.5
WWTP Rubelita	25.10.23	Negative	-
WWTP Salinas	06.11.23	Positive	33.8
Raquel neighborhood	06.11.23	Positive	32.4
IFNMG	06.11.23	Positive	38.1
WWTP Rubelita	06.11.23	Positive	38.4
WWTP Salinas	21.11.23	Positive	32.9
Raquel neighborhood	21.11.23	Positive	34.0
IFNMG	21.11.23	Negative	-
WWTP Rubelita	21.11.23	Positive	35.4
WWTP Salinas	04.12.23	Negative	-
Raquel neighborhood	04.12.23	Positive	35.4
IFNMG	04.12.23	Negative	-
WWTP Rubelita	04.12.23	Positive	32.0
WWTP Salinas	19.12.23	Positive	32.8
Raquel neighborhood	19.12.23	Positive	34.0
IFNMG	19.12.23	Negative	-
WWTP Rubelita	19.12.23	Negative	-
WWTP Salinas	04.01.24	Positive	32.9
Raquel neighborhood	04.01.24	Positive	32.8
IFNMG	04.01.24	Negative	-
WWTP Rubelita	04.01.24	Positive	34.0
WWTP Salinas	15.01.24	Positive	38.4
Raquel neighborhood	15.01.24	Positive	33.7
IFNMG	15.01.24	Negative	-
WWTP Rubelita	15.01.24	Positive	34.3

Abbreviations: IFNMG: Federal Institute of Northern Minas Gerais; WWTP: Wastewater treatment plant.