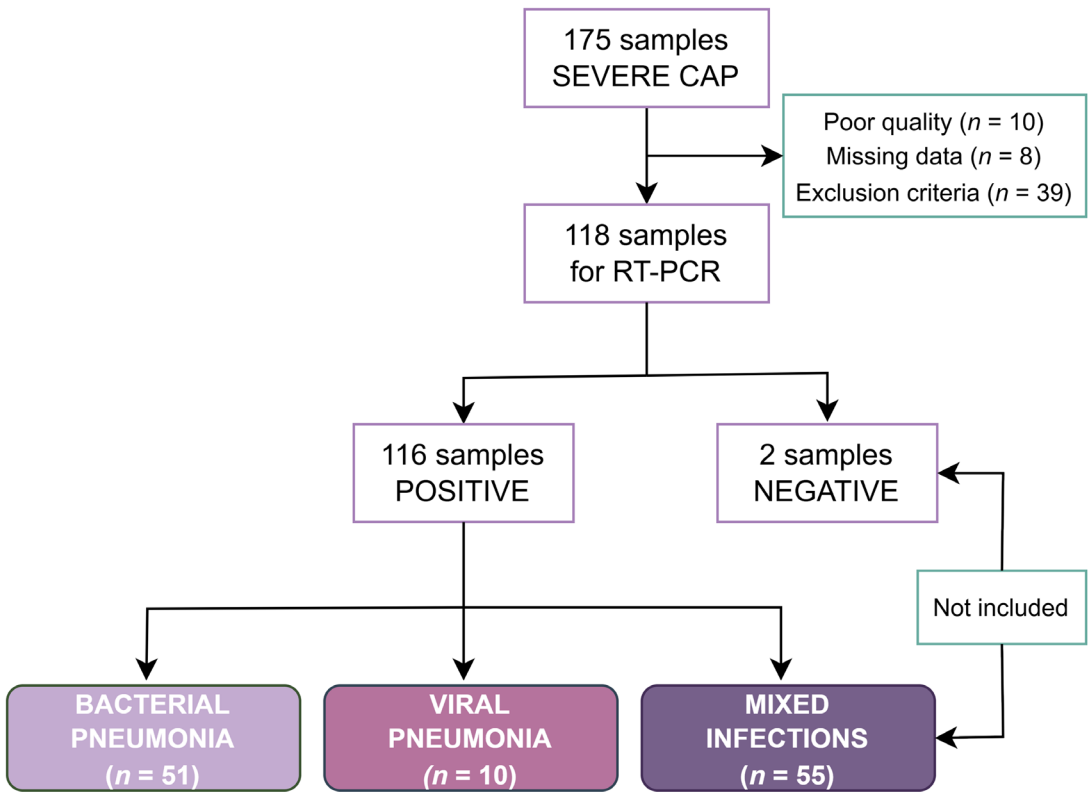
Appendix 1. List of respiratory pathogens included in the RT-PCR detection panelganism		
1	Gram-positive bacteria	Streptococcus pneumoniae
2		Group A Streptococcus (GAS)
3		Group B Streptococcus (GBS)
4		Streptococcus suis
5		Enterococcus faecalis
6		Enterococcus faecium
7	Gram-negative bacteria	Haemophilus influenzae
8		Haemophilus influenzae type b
9		Moraxella catarrhalis
10		Escherichia coli
11		Klebsiella pneumoniae
12		Enterobacter cloacae
13		Enterobacter aerogenes
14		Pseudomonas aeruginosa
15		Acinetobacter baumannii
16		Burkholderia cepacia
17	Atypical and intracellular bacteria	Mycoplasma pneumoniae
18		Chlamydia pneumoniae
19		Chlamydia trachomatis
20		Chlamydia psittaci
21		Legionella pneumophila
22	Whooping cough and tuberculosis pathogens	Bordetella pertussis
23		Bordetella parapertussis
24		Mycobacterium tuberculosis
25	Staphylococcus	MRSA
26		MSSA
27		MRSE
28		MSSE
29		MRSCN
30		Staphylococcus aureus has PVL
31	Influenza and parainfluenza viruses	Influenzavirus A
32		Influenzavirus B
33		Influenzavirus C
34		Parainfluenzavirus 1
35		Parainfluenzavirus 2
36		Parainfluenzavirus 3
37	Other respiratory viruses	Rhinovirus
38		Respiratory syncytial virus
39		Human metapneumovirus
40		Adenovirus
41	Systemic and rash-associated viruses	Measles virus
42		Epstein Barr virus
43		Cytomegalovirus
44		Bocavirus
45		Varicella zoster virus
46		Rubella virus

RT-PCR: Real-time polymerase chain reaction, MRSA: Methicillin-resistant Staphylococcus aureus, MSSA: Methicillin-sensitive Staphylococcus aureus, MRSE: Methicillin-resistant Staphylococcus epidermidis, MSSE: Methicillin-sensitive Staphylococcus epidermidis, MRSCN: Methicillin-resistant Staphylococcus coagulase-negative, PVL: Panton-Valentine leucocidin



Appendix 2. Flowchart of subject recruitment and inclusion in the analysis