

Clostridioides difficile Sequence Analysis Report

Sample details

Specimen identifier: ERR3274281 Collection date: 02/07/2023
Sequence GUID: ERR3274281 Sequencing date: 02/07/2023
Sequence plate name: ERR3274281 Report date: 02/07/2023

Sequencing Quality Stats

Metric	Expected value	Actual value	Quality
Total Sequences	1.0-20.0 M	2133702	Fail
Sequence length (bp)	50-150M	50.5	Pass
%GC	27.9-29.20	30	Fail
Total assembly size (bp)	3.9-4.5	3987346	Fail
Largest contig (bp)	NA	258243	NA
N50 (bp)	NA	110642	NA

Antimicrobial Resistance Profile

Drug Evidence of Sensitivity	S/R	Evidence of Resistance
Metronidazole ['pCD-METRO']	S	[]
Tetracycline []	R	['tet(M)', 'tet0', 'tet(M)', 'tet(44)']
Macrolide/Clindamycin []	R	['ermB']
Aminoglycoside ['aphA', 'AAC']	S	[]
Quinolone/Fluoroquinolone ['gyrA - T821', 'gyrB - D426N']	S	[]
Fidaxomicin ['rpoC - V1143F', 'rpoC - V1143G', 'rpoC - V1143L', 'rpoC - Q1074K', 'rpoC - D237Y']	S	[]