

Supplementary File 1. Multidrug-resistant (MDR) diarrheagenic *Escherichia coli* isolates identified using sentinel antimicrobial representatives.

Patient ID	Pathotype	Number of classes non-susceptible	Non-susceptible classes
DEC/KCRH/0016	EAEC- PossibleESBL	7	Penicillins, BL_BLI, 3rd_gen_ceph, Aminoglycosides, Quinolones, Tetracycline, TMP_SMX
DEC/KCRH/0019	EAEC-aatA	7	Penicillins, BL_BLI, 3rd_gen_ceph, Aminoglycosides, Quinolones, Tetracycline, TMP_SMX
DEC/KCRH/0012	ETEC- PossibleESBL	6	Penicillins, BL_BLI, 3rd_gen_ceph, Aminoglycosides, Quinolones, Tetracycline
DEC/KCRH/0013	ETEC- PossibleESBL	6	Penicillins, BL_BLI, 3rd_gen_ceph, Aminoglycosides, Quinolones, Tetracycline
DEC/KCRH/0024	EAEC-aatA	6	Penicillins, BL_BLI, Aminoglycosides, Quinolones, Tetracycline, TMP_SMX
DEC/KCRH/0100	EAEC-aaiC	5	Penicillins, BL_BLI, Aminoglycosides, Quinolones, TMP_SMX
DEC/KCRH/0133	EIEC-ipaH	5	Penicillins, BL_BLI, Aminoglycosides, Quinolones, TMP_SMX
DEC/KCRH/0011	EAEC-aaiC	5	Penicillins, BL_BLI, 3rd_gen_ceph, Tetracycline, TMP_SMX
DEC/KCRH/0014	ETEC- ESBL	5	BL_BLI, Aminoglycosides, Quinolones, Tetracycline, TMP_SMX
DEC/KCRH/0181	EAEC(aaiC/aatA)	4	Penicillins, BL_BLI, 3rd_gen_ceph, TMP_SMX
DEC/KCRH/0023	ETEC-lt	4	Penicillins, BL_BLI, Tetracycline, TMP_SMX
DEC/KCRH/0103	EIEC-ipaH	4	BL_BLI, Aminoglycosides, Quinolones, TMP_SMX
DEC/KCRH/0136	EIEC-ipaH	4	Penicillins, BL_BLI, Quinolones, TMP_SMX
DEC/KCRH/0137	EPE-Cbfp/eae	4	Penicillins, BL_BLI, 3rd_gen_ceph, TMP_SMX
DEC/KCRH/0145	EIEC-ipaH	4	Penicillins, Aminoglycosides, Quinolones, TMP_SMX
DEC/KCRH/0040	EPEC-eae	4	Penicillins, Aminoglycosides, Quinolones, TMP_SMX
DEC/KCRH/0027	EAEC-aaiC/aatA	4	Penicillins, Quinolones, Tetracycline, TMP_SMX
DEC/KCRH/0021	ETEC-lt	4	Penicillins, BL_BLI, Tetracycline, TMP_SMX
DEC/KCRH/0010	EHEC-stx2	4	Penicillins, BL_BLI, Tetracycline, TMP_SMX
DEC/KCRH/0006	EAEC-aatA	4	Penicillins, BL_BLI, Tetracycline, TMP_SMX
DEC/KCRH/0007	ETEC-lt	4	Aminoglycosides, Quinolones, Tetracycline, TMP_SMX
DEC/KCRH/0018	ETEC-lt	4	Penicillins, BL_BLI, Tetracycline, TMP_SMX
DEC/KCRH/0180	EAEC-aatA	4	Penicillins, BL_BLI, 3rd_gen_ceph, TMP_SMX
DEC/KCRH/0124	EHEC-stx1	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0125	EAEC-aatA	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0130	EPEC-eae	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0131	EAEC-aaiC	3	Penicillins, BL_BLI, TMP_SMX

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DEC/KCRH/0134	EHEC-stx2	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0177	EAEC-aaIC	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0165	EAEC-aatA	3	Penicillins, BL_BLI, 3rd_gen_ceph
DEC/KCRH/0141	EAEC-aaIC	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0147	EAEC-aaIC	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0174	EAEC-aaIC	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0150	EAEC-aaIC	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0160	EAEC(aaic&aata)	3	Penicillins, Quinolones, TMP_SMX
DEC/KCRH/0162	EAEC-aatA	3	Penicillins, 3rd_gen_ceph, TMP_SMX
DEC/KCRH/0094	EAEC-aatA	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0096	EAEC-aaIC	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0002	EHEC-stx1	3	Penicillins, Tetracycline, TMP_SMX
DEC/KCRH/0093	EPEC(eae& bfpa)	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0089	EHECstx1/stx2	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0009	EAEC-aatA	3	Penicillins, Tetracycline, TMP_SMX
DEC/KCRH/0015	ETEC-lt	3	Penicillins, Tetracycline, TMP_SMX
DEC/KCRH/0020	ETEC-lt	3	Penicillins, Tetracycline, TMP_SMX
DEC/KCRH/0025	ETEC-lt	3	Penicillins, Tetracycline, TMP_SMX
DEC/KCRH/0029	EAEC-aatA	3	Penicillins, Tetracycline, TMP_SMX
DEC/KCRH/0031	EPEC-eae	3	Penicillins, Quinolones, TMP_SMX
DEC/KCRH/0035	EPEC-eae	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0041	EPEC-eae	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0046	EAEC-aatA/aaIC	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0049	EIEC-ipaH, EPEC-eae	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0053	EIEC-ipaH & EAEC-aatA	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0054	EAEC-aatA	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0060	EPEC-eae	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0005	EAEC-aatA	3	Penicillins, Tetracycline, TMP_SMX
DEC/KCRH/0062	EPEC-eae	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0064	EIEC-ipaH	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0074	EAEC-aatA	3	Penicillins, Quinolones, TMP_SMX

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DEC/KCRH/0076	EAEC-aatA	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0080	EHEC-stx2 & EPEC- eae/bfp	3	Penicillins, BL_BLI, TMP_SMX
DEC/KCRH/0061	EAEC-aatA	3	Penicillins, BL_BLI, TMP_SMX

Diarrheagenic *Escherichia coli* (DEC) isolates classified as multidrug resistant based on non-susceptibility (intermediate or resistant) to at least one agent in three or more antimicrobial classes using sentinel representatives for penicillins (ampicillin), β -lactam/ β -lactamase inhibitor combinations (amoxicillin–clavulanate), third-generation cephalosporins (ceftriaxone or ceftazidime), aminoglycosides (gentamicin or amikacin), fluoroquinolones (ciprofloxacin or levofloxacin), tetracyclines (tetracycline), and folate pathway inhibitors (trimethoprim–sulfamethoxazole).