

**Table S1. Characterization of 40 ETEC clinical isolates based on clinical, genotypic, and phenotypic features.**

ETEC strain	Age <sup>a</sup>	Date of Isolation	City of Isolation	Diarrhea	Toxin <sup>b</sup>	CS	Non Classical virulence genes	Clonal Group	SeqT <sup>c</sup>	O:H type	Antibiotic resistance <sup>d</sup>
COCt 023	4 y	10/5/2009	Cartagena	Yes	LT	ND	<i>tia/irp2</i>		2066	132:28	AM, STX
COCt 026	2 y	11/5/2009	Cartagena	Yes	LT/ST	CS21	<i>eata/tia/etpA/etpB</i>		4238 <sup>e</sup>	X10:4	
COCt 112	2 m	29/5/2009	Cartagena	Yes	LT	ND	ND		641	(-):(+)	AM
COCt 122	2 y	30/5/2009	Cartagena	Yes	ST	CS21, CFAI	<i>eata/irp2/fyuA/etpA/etpB</i>	1	2332	128:45	AM, STX
COCt 123	1 y	30/5/2009	Cartagena	Yes	LT	ND	<i>irp2/fyuA</i>		10	16:4	AM, GM, STX
COCt 124	2 m	30/5/2009	Cartagena	Yes	LT/ST	CS5, CS6	<i>eata/tia</i>	2	443 <sup>f</sup>	167:5	
COCt 129	2 m	31/5/2009	Cartagena	Yes	ST	CS21/ CFAI	<i>eata/irp2/fyuA/etpA/etpB</i>	1	2332	128:45	AM, STX
COCt 131	5 m	31/5/2009	Cartagena	Yes	LT	CS7, CS21	<i>eata/tibA/irp2/fyuA/etpA/etpB</i>	6	173	78:10	AM, STX
COCt 132	7 m	31/5/2009	Cartagena	Yes	LT	ND	<i>fyuA</i>		847	X18:2	AM, STX
COCt 137	4 y	2/6/2009	Cartagena	Yes	LT	CS21/ CFAI	<i>eata/irp2/fyuA/etpA/etpB</i>		34	(-):(+)	
COCt 142	3 m	3/6/2009	Cartagena	Yes	LT	CS21/ CFAI	<i>eata/irp2/fyuA/etpA/etpB</i>	1	2332	128:45	AM,STX
COCt 159	2 y	11/6/2009	Cartagena	Yes	ST	CS21/ CFAI	<i>eata/irp2/fyuA/etpA/etpB</i>		4252 <sup>e</sup>	Neg(-):45	
COCt 161	2 y	11/6/2009	Cartagena	Yes	ST	ND	<i>irp2/fyuA</i>	3	38	153:18	AM, CZ, STX
COCt 193	1 y	19/6/2009	Cartagena	Yes	LT/ST	CS21/ CFAI	<i>eata/irp2/fyuA/etpA/etpB</i>		501	86:45	AM
COCt 200	4 y	20/6/2009	Cartagena	Yes	LT/ST	CS21/ CFAI	<i>eata/irp2/fyuA/etpA/etpB</i>	5	88	128:45	
COCt 201	3 y	20/6/2009	Cartagena	Yes	LT/ST	CS5, CS6	<i>eata/tia</i>	2	443 <sup>f</sup>	167:5	AM, STX
COCt 234	2 y	1/7/2009	Cartagena	Yes	LT/ST	CS5	<i>leoA/eata/tia/irp2/fyuA</i>		3855	20:5	AM, AMC, CZ, STX
COCt 235	11 m	2/7/2009	Cartagena	Yes	LT/ST	CS5, CS6	<i>eata/tia/irp2/fyuA</i>	2	443 <sup>f</sup>	167:5	AM, STX
COCt 249	4 m	9/7/2009	Cartagena	Yes	ST	CS21/ CFAI	<i>eata/irp2/fyuA/etpA/etpB</i>	1	2332	128:45	AM, STX
COCt 253	3 y	11/7/2009	Cartagena	Yes	ST	CS21/ CFAI	<i>eata/irp2/fyuA/etpA/etpB</i>	1	2332	128:45	AM, STX
COCt 254	4 y	11/7/2009	Cartagena	Yes	ST	CS21/ CFAI	<i>eata/irp2/fyuA/etpA/etpB</i>		4239 <sup>e</sup>	M:11	AM
COCt 285	7 m	19/7/2009	Cartagena	Yes	ST	CS21/ CFAI	<i>eata/irp2/fyuA/etpA/etpB</i>	3	38	153:18	AM, STX
COCt 308	11 m	26/7/2010	Cartagena	Yes	LT	ND	<i>irp2</i>		155	21:(-)	
COCt 310	1 y	27/7/2009	Cartagena	Yes	ST	CS21/ CFAI	<i>eata/irp2/etpA/etpB</i>	1	2332	128:45	AM, CZ, STX
COCt 337	7 m	4/8/2009	Cartagena	Yes	LT	CS7	<i>eata/tibA/irp2/fyuA/etpA/etpB</i>	6	173	ND	AM, CZ, STX
COCt 013cc	4 y	21/7/2009	Cartagena	No	LT	CS12, CS21	<i>irp2/fyuA</i>		641	(-):34	AM
COCt 067cc	4 y	16/12/2009	Cartagena	No	LT	ND	<i>irp2/fyuA/etpA/etpB</i>		100	(-):2	
COCt 090cc	2 y	08/3/2010	Cartagena	No	LT	ND	<i>irp2/fyuA</i>		10	ND	AM, STX

COct 140cc	1 y	12/3/2010	Cartagena	No	LT	CS21/ CFAI	<i>eatA/ irp2/ fyuA/ etpA/ etpB</i>	1	2332	128:45	AM, AMC, STX
COct 149cc	1 y	12/3/2010	Cartagena	No	LT	CS19	<i>irp2/ fyuA</i>		1623	(-):19	
COct 155cc	3 y	12/3/2010	Cartagena	No	LT	CS3, CS21, CS2	<i>eatA/ irp2/ fyuA/ etpA/ etpB</i>		4	6:16	AM, STX
COct 275cc	2 y	17/4/2010	Cartagena	No	LT	CS1	<i>irp2/ fyuA</i>		23	8:9	
COct 302cc	1 y	17/4/2010	Cartagena	No	LT	CS21, CS6	<i>irp2</i>		94	148:28	
1COct 040	3 y	II <sup>g</sup> /2007	Cartagena	Yes	LT	CS21, CS6	<i>eatA/ irp2/ fyuA</i>	4	1312	25:16	AM, CZ, STX
1COct 043	1 y	II/2007	Cartagena	Yes	LT	CS19	<i>irp2/ fyuA</i>	5	88	8:9	
1COsc 014	1 y	I <sup>g</sup> /2007	Sincelejo	Yes	LT	ND	<i>irp2/ fyuA</i>		731	(-):27	AM
1COsc 036	1 y	I/2007	Sincelejo	Yes	LT/ST	CS5, CS6	<i>eatA/ tia</i>	2	443 <sup>g</sup>	167:5	AM, STX
1COsc 061	1 y	I/2007	Sincelejo	Yes	LT	CS21, CS6	<i>eatA/ irp2/ fyuA</i>	4	1312	25:16	AM, CZ, STX
1COsc 088	1 y	I/2007	Sincelejo	Yes	LT	CS6	<i>irp2/ fyuA</i>		2067	64:(+)	STXi
1COsc 092	3 m	I/2007	Sincelejo	Yes	LT	ND	<i>ND</i>		216	M:40/44	

<sup>a</sup> Age: Child age at the time of specimen collection is given in years (y) or months (m).

<sup>b</sup> All ETEC tested positive for the ST<sub>H</sub> variant.

<sup>c</sup> SeqT determined by EcMLST (<http://mlst.ucc.ie/mlst/dbs/Ecoli>).

<sup>d</sup> Resistance to AM, ampicillin; AMC, Amoxillin/clavulanic acid; CZ, cefazolin; GM: gentamicin; STX, sulfamethoxalone.

<sup>e</sup> New MLST SeqT.

<sup>f</sup> ETEC MLST sequence with a single locus variant in the *icd* gene with 517/518 matches (mutation in T-229). The variant otherwise corresponds to SeqT443.

<sup>g</sup> I or II refers to first or second semester.

ND indicate not detected.