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Supplemental Table 1

The number of patients and controls from the two parental studies
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	Total	Rwanda	Zanzibar
Patients	994	829	165
Healthy controls	324	159	165
One pathogen detected			
Patients	26%	28%	18%
Healthy controls	25%	22%	27%
Two or more pathogens detected			
Patients	65%	63%	76%
Healthy controls	58%	57%	60%
Mean age (month)			
Patients	13.5	14.3	12.0
Healthy control	23.8	23.6	24.0

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Supplemental Table 2

Enteric coinfections in healthy controls and patients
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EPEC = enteropathogenic *E. coli*; ETEC = enterotoxigenic *E. coli*; GI = genotype I; GII = genotype II. For each combination, frequency, odds ratio (OR), and *P* value are given. Bolding indicates the combinations with a *P* value below 0.05 and an OR above 1. Shaded cells indicate combinations with a *P* value below 0.05 and an OR below 1.

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Supplemental Table 3

Frequencies and Ct values for real-time polymerase chain reaction detection of pathogens in feces from patients and controls
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	Number detected				Ct value		
	Patients	Controls	OR	*P* value	Patients	Controls	*P* value
Adenovirus	235	120	0.94	0.67	36.7	38.2	0.063
Astrovirus	35	4	**2.92**	**0.034**	25.6	20.5	0.430
Norovirus GI	18	13	0.44	0.033	32.3	28.9	0.380
Norovirus GII	109	11	**3.50**	**< 0.0001**	27.2	29.4	0.210
Rotavirus	295	6	**22.3**	**< 0.0001**	21.8	26.4	0.130
Sapovirus	47	25	0.59	0.048	27.6	26.4	0.390
Campylobacter	193	84	0.69	0.015	34.2	37.0	**0.007**
Cryptosporidium	118	23	**1.76**	**0.017**	31.1	33.2	**0.025**
ETEC-*eltB*	326	130	0.73	0.019	32.0	34.3	**0.003**
ETEC-*estA*	192	55	1.17	0.37	29.9	37.2	**< 0.0001**
EPEC-*bfpA*	125	13	**1.99**	**0.024**	31.6	33.0	0.340
EPEC-*eae*	214	47	0.82	0.33	34.3	36.0	0.069
Salmonella	67	21	1.04	1.00	41.4	40.7	0.120
Shigella	209	72	0.93	0.64	29.2	34.5	**< 0.0001**

Ct = threshold cycle; EPEC = enteropathogenic *E. coli*; ETEC = enterotoxigenic *E. coli*; GI = genotype I; GII = genotype II; OR = odds ratio. Adenovirus was tested in only 658 patients and 324 controls (not in the samples from 2009 to 2010). Enteropathogenic *E. coli-bfpA* and EPEC-*eae* were not tested in samples from Zanzibar (165 patients and 165 controls). Bolding highlights a *P* value below 0.05 and an OR above 1 (Fisher's exact test) or a *P* value below 0.05 by Mann-Whitney U test (Ct values).