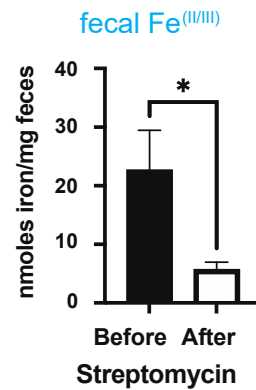


**Supplementary Materials:** Figure S1: Oral streptomycin treatment significantly decreases fecal iron levels in female CD1 mice. Table S1: ETEC isolates used in this study. Table S2: Primers used in this study.



**Figure S1. Streptomycin treatment reduces fecal iron in CD1 mice.** Fecal pellets were collected before and after streptomycin treatment and incinerated, then the ashes were dissolved, and iron content tested via ferrozine assay. Data were analyzed via t-test. \*,  $p < 0.05$ .

Supplemental Table S1. Bacterial strains used in this study

Strains /Plasmid	Major characteristics	Reference
H10407	CFA/I, STh, STp, LT (Bangladesh)	[10]
214-4	CS6 <sup>+</sup> , STp <sup>+</sup> (Mexico)	[11]
100007	CFA/I, CS21, STh (Gambia)	[6]
100517	CFA/I, CS21, STh (Gambia)	[6]
102706	CFA/I, STh (Gambia)	[6]
103393	CFA/I, CS21, STh (Gambia)	[6]
200332	CFA/I, CS21, STh (Mali)	[6]
200562	CFA/I, CS21, STh (Mali)	[6]
200856	CFA/I, CS21, STh (Mali)	[6]
204033	CFA/I, CS21, STh (Mali)	[6]
300042	CFA/I, CS21, STh (Mozambique)	[6]
300202	CFA/I, CS21, STh (Mozambique)	[6]
300252	CFA/I, CS21, STh (Mozambique)	[6]
302005	CFA/I, CS21, STh (Mozambique)	[6]
400572	CFA/I, CS21, STh (Kenya)	[6]
400578	CFA/I, CS21, STh (Kenya)	[6]
400903	CFA/I, STh (Kenya)	[6]
400926	CFA/I, CS21, STh (Kenya)	[6]
500469	CFA/I, CS21, STh (India)	[6]
504100	CFA/I, CS21, STh (India)	[6]
504838	CFA/I, CS21, STh (India)	[6]
504866	CFA/I, CS21, STh (India)	[6]
600486	CFA/I, CS21, STh (Bangladesh)	[6]
600609	CFA/I, CS21, STh (Bangladesh)	[6]
600880	CFA/I, CS21, STh (Bangladesh)	[6]

603626	CFA/I, CS21, STh (Bangladesh)	[6]
700384	CFA/I, CS21, STh (Pakistan)	[6]
702052	CFA/I*, CS21, ST* (Pakistan)	[6]
702213	CFA/I, CS21, STh (Pakistan)	[6]
702288	CFA/I, CS21, STh (Pakistan)	[6]
300307	CFA/I, CS21, STh (Mozambique)	[6]
504239	CFA/I, CS21, STh (India)	[6]
11573 a-1	CFA/I, CS21, STh (Chile)	[53]
10802 a	CFA/I, CS21, STh (Chile)	[53]
10754 a-1	CFA/I, CS21, STh (Chile)	[53]
203740	CS6, STh (Mali)	[6]
204576	CS6, CS5, STh (Mali)	[6]
204446	CS6, CS5, STh (Mali)	[6]
103605	CS6, CS5, STh (Gambia)	[6]
503046	CS6, CS4, CS21, STh (India)	[6]
503025	CS6, CS5, STh (India)	[6]
503440	CS6, CS21, STh (India)	[6]
503829	CS6, CS21, STh (India)	[6]
504211	CS6, CS21, STh (India)	[6]
504237	CS6, CS5, STh (India)	[6]
602354	CS6, CS5, STh (Bangladesh)	[6]
600468	CS6, STh (Bangladesh)	[6]
120899	CS6, CS5, STh (Gambia)	[6]
510016	CS6, CS4, CS21, STh (India)	[6]
520873	CS6, CS4, CS21, STh (India)	[6]
720632	CS6, STh (Pakistan)	[6]
a86	CS6, STh (Chile)	[53]
ETEC H10407-Sp	ETEC H10407, Str <sup>r</sup>	This study
ETEC 214-4-Sp	ETEC 214-4, Str <sup>r</sup>	This study

Note: Str<sup>r</sup> for streptomycin resistance

Supplemental Table S2. qPCR primers used in this study

Description	Sequence (5'-3')
<i>cfaB</i> Fw	GAGTGCTTCAGCAGTAGAGAAA
<i>cfaB</i> Rev	TGATGCGGGAGAATAAGCTAAC
<i>cfaE</i> Fw	ACAGCAGCTCTTTGGAGATAAG
<i>cfaE</i> Rev	TGCCAGGAGAAGTGACAAAG
16S rRNA Fw	GAAGGCTACGATCTCGGTAAAG
16S rRNA Rev	GGTACGAGACGTTCCCTTGATAC
estP Fw	AGCTAATGTTGGCAA
estP Rev	ACAAGCAGGATTACAACA
<i>fepA</i> Fw	TTCATTCCCTGGCCTTGTTG

<i>fepA</i> Rev	CAGGCGCCTGTAAGTTCT
<i>cssA</i> Fw	CGGCAGCCATGCCAGAAC
<i>cssA</i> Rev	TGGATTGTGGTTCAGGCGC
<i>cssB</i> Fw	CCGGAGTGGTAAATGCAGGA
<i>cssB</i> Rev	AGGGATCGTCATCTCAACCG

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