**Table S1.** Primers used in this study

| Gene | Predicted Protein Function | Protein Accession No.[a] | Primer ID | Sequence 5'-3' | Source |
|------|---------------------------|--------------------------|-----------|----------------|--------|
| *rpoA* | RNA polymerase, alpha subunit | CAS11106.1 | Ec-rpoA-F | TGTAGGCAATACGCTCCACA | (Sahl *et al.* 2012) |
| | | | Ec-rpoA-R | GGTTATGTGCCGGCTTCTAC | " |
| *eae* | Intimin, attachment protein | YP_002331401.1 | eae_361F | TATAGTGCCTTACCTGTCTTAGGTTCGG | (Hazen *et al.* 2015) |
| | | | eae_495R | ATAATTTAGAGCCTTGTCATCGGTCGTG | " |
| *narK* | nitrite extrusion protein 1 | CAS08895.1 | narK_47F | CAGATTGGCGACCGGAAGATCCTG | This study |
| | | | narK_178R | CCGCAACAGCGCTGAACAACAT | |
| *cdtA* | cytolethal distending toxin | AAA18785.1 | cdtA_97F | GAATTGGTTGGAATCCCTGGACAAGG | " |
| | | | cdtA_241R | GAACAGGTCTGGCCCAAATAGTAAGC | |
| *hmuV/chuU* | hemin import ATP-binding protein HmuV/ChuU | CAS11296.1 | hmuV_122F | CTACGCTGCTTCGCCAGCTAAC | " |
| | | | hmuV_277R | GTACGCTGAATGGAAACGCCATGTG | |
| *shuA/chuA* | outer membrane heme receptor ShuA/ChuA | CAS11291.1 | shuA_82F | GCTACTGAAACCATGACCGTTACGGC | " |
| | | | shuA_223R | CAGGAACATGACGCAGCAAATCAGTGG | |
| *bioD* | dethiobiotin synthase | CAS08278.1 | bioD_19F | GTCACCGGAACGGATACCGAAG | " |
| | | | bioD_211R | TTGCGTAATCCAGCTGCAGGC | |
| *glpD* | aerobic glycerol-3-phosphate dehydrogenase | CAS11218.1 | glpD_155F | GCCTGCGCTACCTTGAGCACTAT | " |
| | | | glpD_311R | CCAATGCGAATCATCCACGCCG | |
| *treB* | PTS system trehalose-specific EIIBC component | CAS12114.1 | treB_49F | CGAGGTGAGTACAATCGGGATGATGATG | " |
| | | | treB_217R | GATGATTGGTTCTGGTCTGGCAGG | |

[a]Primers were selected by comparing with the sequences from all EPEC genomes analyzed; however, the protein accession number is provided for the respective gene from the E2348/69 genome or other EPEC genome available in GenBank.

**Supplemental References.**
**1. Sahl JW, Rasko DA.** 2012. Analysis of global transcriptional profiles of enterotoxigenic *Escherichia coli* isolate E24377A. Infect Immun **80:**1232-1242.
**2. Hazen TH, Daugherty SC, Shetty A, Mahurkar AA, White O, Kaper JB, Rasko DA.** 2015. RNA-Seq analysis of isolate- and growth phase-specific differences in the global transcriptomes of enteropathogenic Escherichia coli prototype isolates. Front Microbiol 6.