



Figure S1. Growth curves of NMEC and ΔOI-97 in LB.

Figure S2. Evaluation of the adherence capacity of O157 WT and Δz3494 in the distal colon of mice at 6 h.

Figure S3. Adhesion of O157 WT and Δz3494 strains to HeLa cells in DMEM.

Figure S4. Growth curves of NMEC, Δz3495 and Δz3495 complement strain in LB

Figure S5. qRT-PCR of the expression of LEE genes in WT and Δz3494.

Figure S6. EMSA of the specific binding of Z3495 to *rpoS*.

Figure S7. EMSA of the specific binding of MBP to *rcsF*.

Data represent mean ± SD (n = 3).