



FIGURE S1: Acid and gas production from lactose by coliform isolates after 24 h incubation at 37 °C (A) and 44 °C (B).

Fresh cultures of the isolated coliforms were inoculated into tubes containing lactose peptone water and Durham tubes. Two batches were prepared; one was incubated at 37 °C and the other at 44 °C for 24h. The tubes were inspected for acid (yellow color) and gas (in the Durham tubes) production.

1, *Escherichia coli* (wheat straw); 2, *Escherichia coli* (domestic sewage); 3, *Klebsiella variicola*; 4, *Enterobacter hormaechei* sub sp. *oharae*; 5, control, no inoculum.