



Additional file 6. Verification of NGS data in this study.

- a. Real-time PCR results for Salmonella spp. detection. The amplification curves were 8 seagull feces samples, and all the environmental samples were negative
- b. Real-time PCR results for Shigella spp. detection. The amplification curves were 8 seagull feces samples, and all the environmental samples were negative
- c. The agarose gel electrophoresis and sequence alignment of contig 2623 (The original gel electrophoresis was shown below)
- d. The agarose gel electrophoresis and sequence alignment of contig 857 (The original gel electrophoresis was shown below)
- e. The agarose gel electrophoresis and sequence alignment of contig 137 (The original gel electrophoresis was shown below)