**Additional file 1**

**Table S1,** The indexing scheme.

|  |  |  |  |
| --- | --- | --- | --- |
| **Sample** | **Condition** | **i7 Sequence** | **i5 Sequence** |
| **1** | Fresh | TAAGGCGA | CTCTCTAT |
| **2** | Fresh | CGTACTAG | TATCCTCT |
| **3** | RT | AGGCAGAA | AGAGTAGA |
| **4** | RT | TCCTGAGC | GTAAGGAG |
| **5** | Lysis | GGACTCCT | ACTGCATA |
| **6** | Lysis | TAGGCATG | AAGGAGTA |
| **7** | EDTA | GCTACGCT | CTCTCTAT |
| **8** | EDTA | CGAGGCTG | TATCCTCT |
| **9** | 4C | AAGAGGCA | AGAGTAGA |
| **10** | 4C | GTAGAGGA | GTAAGGAG |
| **11** | -20C | TAAGGCGA | ACTGCATA |
| **12** | -20C | CGTACTAG | AAGGAGTA |
| **13** | -80C | AGGCAGAA | CTAAGCCT |
| **14** | -80C | TCCTGAGC | GCGTAAGA |
| **15** | HY | CTCTCTAC | CTAAGCCT |
| **16** | HY | CAGAGAGG | GCGTAAGA |



**B**

**A**



**Figure S1**, Tapestation 2200 images using D1000 Tapes and D1000 reagents.

**A**, Indexed samples were found to be in the expected size range (600-650 bp). **B**, Sizes corresponding to the bands detected in the ladder in the first lane of panel A.

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**Figure S2,** Detected alpha diversity in fecal matter following incubation under 8 different storage conditions. Chao1 richness estimator between storage conditions and individual samples.