|  |  |
| --- | --- |
| **Pipeline step** | **Sequences output** |
| Total read number | 31144 |
| Quality trimming | 31144 (100%) |
| Filtering by 5’ sequence | 29916 (96%) |
| Filtering by 5’ sequence #2 | 29151 (94%) |
| Filtering by 3’ sequence | 27175 (87%) |
| Filtering by 3’ sequence #2 | 23183\* (74%) |
| Unique sequences | 1903 |

**Supplementary Table 1: Analysis by next generation sequencing of recovered viable origins.** Total read number obtained and the impact of the analysis pipeline are shown. \*Number of sequences used in downstream analysis.