| sample timepoint | samples used in 16S analysis | samples used in virome metagenomic analysis |
|------------------|-----------------------------|---------------------------------------------|
| pre-inoculation  |                             |                                             |
| day1             |                             |                                             |
| day2             |                             |                                             |
| day3             |                             |                                             |
| day4             |                             |                                             |
| day5             |                             |                                             |
| day6             |                             |                                             |
| day7             |                             |                                             |
| day8             |                             |                                             |
| day9             |                             |                                             |
| day10            |                             |                                             |
| day11            |                             |                                             |
| day12            |                             |                                             |
| day13            |                             |                                             |
| day14 pre-perturbation |                     |                                             |
| day14_1h         |                             |                                             |
| day14_3h         |                             |                                             |
| day14_6h         |                             |                                             |
| day14_12h        |                             |                                             |
| day15AM          |                             |                                             |
| day15PM          |                             |                                             |
| day16AM          |                             |                                             |
| day16PM          |                             |                                             |
| day17AM          |                             |                                             |
| day17PM          |                             |                                             |
| day18AM          |                             |                                             |
| day18PM          |                             |                                             |
| day19AM          |                             |                                             |
| day19PM          |                             |                                             |
| day20AM          |                             |                                             |
| day20PM          |                             |                                             |
| day21AM          |                             |                                             |
| day21PM          |                             |                                             |
| day22            |                             |                                             |
| day23            |                             |                                             |
| day24            |                             |                                             |
| day25            |                             |                                             |
| day26            |                             |                                             |
| day27            |                             |                                             |
| day28            |                             |                                             |
| day29            |                             |                                             |
| day30            |                             |                                             |
| day31            |                             |                                             |
| day32            |                             |                                             |
| day33            |                             |                                             |
| day34            |                             |                                             |
| day35            |                             |                                             |
| day36            |                             |                                             |

Perturbation with live or heat-treated viruses represented as a red line.