

Supplementary Table S4. Summary of number of sequences obtained by NGS in Illumina for the different samples after filtering human and ribosomal sequences (numbers represent millions of sequences).

| Sample | Metagenome | Metatranscriptome |
|-----------------|-------------------|--------------------------|
| Healthy 1 | 20 | 9.8 |
| Healthy 2 | 7.8 | 11.5 |
| Healthy 3 | 8.0 | 5.2 |
| Healthy 4 | 0.4 | 2.2 |
| Healthy 5 | 0.9 | 1.4 |
| Healthy 6 | 0.4 | 0.9 |
| Periodontitis 1 | 9.5 | 6.6 |
| Periodontitis 2 | 7.5 | 6.5 |
| Periodontitis 3 | 12 | 39.0 |
| Periodontitis 4 | 0.4 | 7.3 |
| Periodontitis 5 | 2.0 | 1.1 |
| Periodontitis 6 | 0.6 | 1.1 |
| Periodontitis 7 | 0.6 | 1.5 |