Table 2 **Summary of microbial communities in sponges and primmorphs.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sample analysis data** | **Healthy** | | | **Diseased** | | | | |
| **SH** | **PH1** | **PH14** | **SD** | **PD** | **PID** | **SS** | **PIS** |
| **Input** | 2511 | 2449 | 2879 | 3340 | 7296 | 8064 | 3314 | 4969 |
| **After clean** | 2284 | 2155 | 2648 | 2379 | 6273 | 7564 | 2940 | 4331 |
| **subOTU** | 48 | 50 | 35 | 75 | 62 | 41 | 65 | 57 |
| **Michaelis-Menten fit** | 53.81 | 53.81 | 38.37 | 80.13 | 66.18 | 47.4 | 68.06 | 62.05 |