| Holobiont | Specimen (host)         | Replicate | Number of sequences obtained by |
|-----------|-------------------------|-----------|--------------------------------|
|           |                         |           | Sanger | MinION | Illumina |
| Vil325    | *Eucyrtidium cienkowski* | I         | 72     | 2      | -        |
|           |                         | II        | 68     | 6      | -        |
|           |                         | III       | 68     | 1      | -        |
| Vil496    | *Eucyrtidium acuminatum* | I         | 72     | 0      | 19 363   |
|           |                         | II        | 72     | 3      | 13 058   |
|           |                         | III       | 68     | 23     | 9 633    |
| Mge17-81  | *Rhizosphaera trigonacantha* | I         | 71     | 1      | 34 157   |
|           |                         | II        | 71     | 1      | 41 746   |
|           |                         | III       | 69     | 6      | 36 870   |
| Mge17-82  | *Spongosphaera streptacantha* | I         | 65     | 2      | 37 420   |
|           |                         | II        | 69     | 5      | 21 794   |
|           |                         | III       | 69     | 5      | 11 256   |
| Mge17-9   | *Extotoxon undulatum*    | I         | -      | -      | 20 422   |
|           |                         | II        | -      | -      | 18 488   |
|           |                         | III       | -      | -      | 11 477   |
| Vil490    | *Pterocorys zanclea*     | I         | -      | -      | 25 699   |
|           |                         | II        | -      | -      | 46 735   |
|           |                         | III       | -      | -      | 22 398   |
| Mge17-124 | *Carpocanium obliqua*    | I         | -      | -      | 79 585   |
|           |                         | II        | -      | -      | 51 471   |
|           |                         | III       | -      | -      | 67 523   |
| Vil497    | *Arachnospongus varians* | I         | -      | -      | 24 698   |
|           |                         | II        | -      | -      | 28 814   |
|           |                         | III       | -      | -      | 21 064   |
| Vil480    | *Tetrapyle octacantha*   | I         | -      | -      | 33 434   |
|           |                         | II        | -      | -      | 33 360   |
|           |                         | III       | -      | -      | 22 110   |
| Total     |                         |           | 834    | 55     | 732 575  |