|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | *Idas modiolaeformis*  (reads OTU-1) | | | | | | | | | | | | | | | | | | “*Idas*” *simpsoni*  (reads OTU-1) | | | | |  |  |  |
| OTU name | AMS 1 | AMS 2 | AMS 3 | NDSF 1 | NDSF 2 | NDSF 3 | DAR 1 | DAR 2 | DAR 3 | MEK 1 | MEK 2 | MEK 3 | GOR 1 | GOR 2 | GOR 3 | LD 3 | LD 4 | LD 5 | LD 1 | LD 2 | SET 1 | SET 2 | SET 3 | Accession  (this study) | Accession  (hit definition) | **ID match (%)** |
| OTU 1 | 2065 | 1617 | 2751 | 1562 | 951 | 908 | 1525 | 1583 | 653 | 4 | 6 | 64 |  | 1 |  | 3066 | 3960 | 2900 | 488 |  |  |  |  | KT216459 | HM441251 | 99 |
| OTU 2 | 1030 | 193 | 63 | 463 | 253 | 229 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | KT216460 | AM402960 | 99 |
| OTU 3 | 79 | 3 |  | 85 | 138 | 187 | 235 | 1363 | 774 | 1525 | 1490 | 4802 | 2335 | 2347 | 2525 |  | 4 |  |  | 4 |  |  |  | KT216461 | JN233229 | 99 |
| OTU 31 |  |  | 42 |  | 30 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | KT216465 | GU584415 | 99 |
| OTU 62 |  |  |  |  |  | 316 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | KT216468 | FM246510 | 99 |
| OTU 86 |  |  |  |  |  |  |  |  | 18 | 135 | 42 | 150 | 276 | 16 | 19 |  |  |  |  |  |  |  |  | KT216471 | HE963023 | 99 |
| OTU 287 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |  | 2157 | 1348 | 4225 | 3373 | 3015 | KT216476 | HE814577 | 99 |
| OTU 4 | 143 | 72 | 39 | 91 | 32 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | KT216462 | GU584307 | 96 |
| OTU 5 | 24 |  |  | 6 | 16 | 24 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | KT216463 | EU287240 | 94 |
| OTU 7 | 27 | 3 |  | 15 | 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | KT216464 | GU235132 | 94 |
| OTU 34 |  |  | 47 |  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | KT216466 | FM246510 | 95 |
| OTU 56 |  |  |  |  | 12 |  | 96 |  | 105 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | KT216467 | GU235078 | 97 |
| OTU 65 |  |  |  |  |  | 22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | KT216469 | GU235132 | 93 |
| OTU 73 |  |  |  |  |  |  | 82 | 54 | 85 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | KT216470 | GU235132 | 97 |
| OTU 115 |  |  |  |  |  |  |  |  |  | 46 | 3 | 394 |  |  |  |  |  |  |  |  |  |  |  | KT216472 | EU287124 | 97 |
| OTU 117 |  |  |  |  |  |  |  |  |  | 34 |  |  |  |  |  |  |  |  |  |  |  |  |  | KT216473 | JQ337642 | 92 |
| OTU 130 |  |  |  |  |  |  |  |  |  | 7 |  |  | 9 | 7 | 32 |  |  |  |  |  |  |  |  | KT216474 | AB424899 | 90 |
| OTU 239 |  |  |  |  |  |  |  |  |  |  |  |  | 79 | 5 | 189 |  |  |  |  |  |  |  |  | KT216475 | JN424328 | 91 |
| OTU 310 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 6 |  | 1 | 41 | 155 | 11 |  |  | KT216477 | JQ347404 | 96 |
| OTU 337 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 119 |  |  |  |  |  |  | KT216478 | EU236385 | 95 |
| OTU 339 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2 | 8 | 25 |  |  |  | KT216479 | KJ814567 | 97 |
| OTU 390 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 7 | 59 |  |  |  | KT216480 | KJ814570 | 99 |
| OTU 440 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 30 |  |  |  | KT216481 | NR116611 | 97 |
| **OTUs host-1** | **6** | **5** | **5** | **6** | **9** | **6** | **4** | **3** | **5** | **6** | **4** | **4** | **4** | **5** | **5** | **2** | **4** | **3** | **5** | **6** | **2** | **1** | **1** |  |  |  |
| Reads host-1 | **3368** | **1888** | **2942** | **2222** | **1454** | **1686** | **1938** | **3000** | **1635** | **1751** | **1541** | **5410** | **2699** | **2376** | **2767** | **3072** | **4084** | **2903** | **2701** | **1621** | **4236** | **3373** | **3015** |  |  |  |
| % symb. | **94.2** | **96.0** | **97.1** | **95.0** | **94.4** | **97.3** | **90.8** | **98.2** | **88.4** | **95.0** | **99.8** | **92.7** | **96.7** | **99.5** | **92.0** | **99.8** | **97.1** | **99.9** | **97.9** | **83.4** | **99.7** | **100.0** | **100.0** |  |  |  |