|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Supplementary Table 1. Short-Read Assembly by Short Sequences (ABySS) Information and Statistics for Outbreak and Non-Outbreak Related Mycobacterium marinum Samples | | | | | | | | | | | | | | |  |  |  | |  | |  | |  | |  | |  |  |
|  |  |  |  |  |  |  | |  | |  | | | ABySS Assembly Statistics | | | | | | | | | | | | | | | | |
| BioSample | SRA\_Sample | Number | Year1 | Mbases | Mbytes | Run | Sample Origin | | Host | | n | n:N50 | | min | | N80 | | N50 | | N20 | | max | | sum | |
| SAMN03800369 | SRS1039990 | 10-1245 | 2010 | 1083 | 707 | SRR2174570 | USA: Zoo-B | | Salamander | | 1427 | 38 | | 204 | | 20144 | | 49326 | | 104051 | | 149663 | | 6204283 | |
| SAMN03800370 | SRS1039989 | 12-0014 | 2012 | 97 | 56 | SRR2174571 | USA: Zoo-A | | Python | | 1974 | 191 | | 200 | | 4367 | | 9769 | | 18295 | | 40549 | | 6137308 | |
| SAMN03800371 | SRS1039988 | 12-0017 | 2012 | 107 | 54 | SRR2174572 | USA: Zoo-A | | Frog | | 2609 | 269 | | 200 | | 3308 | | 6970 | | 13199 | | 37775 | | 6191695 | |
| SAMN03800372 | SRS1039987 | 12-0018 | 2012 | 1890 | 1265 | SRR2174573 | USA: Zoo-A | | Frog | | 1284 | 40 | | 200 | | 19779 | | 48098 | | 93699 | | 190997 | | 6454996 | |
| SAMN03800373 | SRS1039986 | 12-1908 | 2012 | 2380 | 1578 | SRR2174574 | USA: Zoo-C | | Toad | | 1182 | 41 | | 206 | | 20311 | | 50482 | | 97375 | | 149742 | | 6446264 | |
| SAMN03800374 | SRS1039985 | 12-1909 | 2012 | 181 | 95 | SRR2174575 | USA: Zoo-C | | Toad | | 1687 | 87 | | 200 | | 8419 | | 21620 | | 41695 | | 96884 | | 6243356 | |
| SAMN03800375 | SRS1039984 | 12-7583 | 2012 | 1786 | 1111 | SRR2174576 | USA: Zoo-B | | Toad | | 1316 | 32 | | 212 | | 24420 | | 57087 | | 111331 | | 206477 | | 6214425 | |
| SAMN03800376 | SRS1039983 | 12-8618 | 2012 | 891 | 483 | SRR2174577 | USA: Zoo-B | | Frog | | 1300 | 35 | | 201 | | 23577 | | 53790 | | 110762 | | 154907 | | 6224122 | |
| SAMN03800377 | SRS1039982 | 13-0905 | 2013 | 139 | 82 | SRR2174578 | USA: Zoo-C | | Frog | | 1714 | 133 | | 200 | | 5717 | | 13753 | | 26834 | | 71340 | | 6171876 | |
| SAMN03800378 | SRS1039981 | 13-3845 | 2013 | 475 | 251 | SRR2174579 | USA: Zoo-B | | Toad | | 1375 | 37 | | 200 | | 20926 | | 51900 | | 106352 | | 148688 | | 6203954 | |
| SAMN03800379 | SRS1039980 | 13-5434 | 2013 | 703 | 446 | SRR2174580 | Canada | | Frog | | 841 | 44 | | 201 | | 18574 | | 38554 | | 87282 | | 151938 | | 6044752 | |
| SAMN03800380 | SRS1039979 | 14-0534 | 2014 | 2056 | 1158 | SRR2174581 | USA: Zoo-F | | Kangaroo | | 1397 | 38 | | 200 | | 21399 | | 49728 | | 97037 | | 203833 | | 6440426 | |
| SAMN03800381 | SRS1039978 | 14-1815 | 2014 | 121 | 80 | SRR2174582 | USA: NY2 | | Homo sapiens | | 4431 | 384 | | 500 | | 2239 | | 4699 | | 8912 | | 22348 | | 5936730 | |
| SAMN03800382 | SRS1039977 | 14-1816 | 2014 | 157 | 100 | SRR2174583 | USA: NY | | Homo sapiens | | 4623 | 302 | | 500 | | 2911 | | 6361 | | 11277 | | 25824 | | 6145852 | |
| SAMN03800383 | SRS1039976 | 14-1817 | 2014 | 192 | 116 | SRR2174584 | USA: NY | | Homo sapiens | | 1683 | 155 | | 504 | | 5513 | | 12117 | | 23504 | | 43618 | | 5992335 | |
| SAMN03800384 | SRS1039975 | 14-1818 | 2014 | 362 | 231 | SRR2174585 | USA: NY | | Homo sapiens | | 2171 | 65 | | 502 | | 13319 | | 28812 | | 55507 | | 126625 | | 6188967 | |
| SAMN03800385 | SRS1039974 | 14-1819 | 2014 | 187 | 121 | SRR2174586 | USA: NY | | Homo sapiens | | 4245 | 239 | | 500 | | 3484 | | 7861 | | 13934 | | 33979 | | 6082249 | |
| SAMN03800386 | SRS1039973 | 14-1820 | 2014 | 172 | 108 | SRR2174587 | USA: NY | | Homo sapiens | | 1467 | 122 | | 507 | | 6731 | | 15248 | | 27969 | | 59218 | | 6007990 | |
| SAMN03800387 | SRS1039972 | 14-1821 | 2014 | 659 | 420 | SRR2174588 | USA: NY | | Homo sapiens | | 1820 | 48 | | 504 | | 17664 | | 39120 | | 87509 | | 193565 | | 6449134 | |
| SAMN03800388 | SRS1039971 | 14-2127 | 2014 | 561 | 382 | SRR2174589 | USA: NY | | Homo sapiens | | 2326 | 51 | | 503 | | 16870 | | 36485 | | 68639 | | 142154 | | 6197574 | |
| SAMN03800389 | SRS1039970 | 14-2128 | 2014 | 663 | 445 | SRR2174590 | USA: NY | | Homo sapiens | | 1945 | 39 | | 509 | | 18104 | | 41759 | | 107329 | | 205863 | | 6106211 | |
| SAMN03800390 | SRS1039969 | 14-2129 | 2014 | 589 | 405 | SRR2174591 | USA: NY | | Homo sapiens | | 2473 | 52 | | 502 | | 15843 | | 36498 | | 75430 | | 191850 | | 6419417 | |
| SAMN03800391 | SRS1039968 | 14-2130 | 2014 | 372 | 215 | SRR2174592 | USA: NY | | Homo sapiens | | 1153 | 42 | | 504 | | 16723 | | 41939 | | 87200 | | 188105 | | 6209570 | |
| SAMN03800392 | SRS1039967 | 14-2950 | 2014 | 211 | 114 | SRR2174593 | USA: Zoo-D | | Anteater | | 1006 | 49 | | 500 | | 16343 | | 41410 | | 72221 | | 142506 | | 6269225 | |
| SAMN03800393 | SRS1039966 | 14-2958 | 2014 | 218 | 117 | SRR2174594 | USA: Zoo-E | | Eel | | 1088 | 52 | | 527 | | 16429 | | 37289 | | 68848 | | 114915 | | 6317781 | |
| SAMN03800395 | SRS1039964 | 14-3460 | 2014 | 370 | 234 | SRR2174596 | USA: Zoo-H | | Frog | | 579 | 55 | | 510 | | 16577 | | 32818 | | 66236 | | 107812 | | 6006607 | |
| SAMN03800394 | SRS1039965 | 14-3586 | 2014 | 380 | 226 | SRR2174595 | USA: Pet | | Bearded dragon | | 1360 | 73 | | 505 | | 12794 | | 25472 | | 45910 | | 110473 | | 5834773 | |

1Year sample was collected

2New York