

**Table 1.** Isolates of *Serpula lacrymans* included in the population genomic analyses, collector, collecting year (where this information is known), population ID (assumed population identity) and their geographic origin. N reads are the number of filtered reads used for the mapping analyses. Mapping % is percentage of the N reads that mapped to the reference genome *S. lacrymans* S7.3 v2 (using BOWTIE2). F is the inbreeding coefficient for each individual as calculated by VCFTOOLS.

| Isolate number            | Alternate name | Year | Collector                | Population ID | Geographic origin              | N reads  | Mapping % | F    |                       |
|---------------------------|----------------|------|--------------------------|---------------|--------------------------------|----------|-----------|------|-----------------------|
| S7 <sup>1</sup> reference | BAM133         | 1937 | O. Schmidt               | Europe        | Germany, Berlin                | -        | -         | -    |                       |
| 003                       | LMSA1.11.003   | 2011 | S. Maurice               | Europe        | France, Finistere              | 29652700 | 96.4      | 0.99 |                       |
| 004                       | LMSA1.11.004   | 2011 | S. Maurice               | Europe        | France, Finistere              | 32637231 | 96.5      | 0.99 |                       |
| 008                       | LMSA1.11.008   | 2011 | S. Maurice               | Europe        | France, Finistere              | 57182833 | 96.1      | 0.99 | <sup>1</sup> Isolates |
| 114                       |                |      | S. Maurice               | Europe        | France, Finistere              | 20903116 | 97.5      | 0.99 |                       |
| 74                        | LMSA1.10.074   | 2009 | S. Maurice               | Europe        | France, Ardeche                | 17487073 | 94.1      | 0.99 |                       |
| 75                        | LMSA1.10.075   | 2009 | S. Maurice               | Europe        | France, Finistere              | 29668681 | 94.4      | 0.99 |                       |
| 96                        | LMSA1.10.096   | 2010 | S. Maurice               | Europe        | France, Manche                 | 44987861 | 94.6      | 0.99 |                       |
| M1                        |                |      |                          | Europe        | France, Metz, Lorraine         | 35854157 | 81.5      | 0.94 |                       |
| M2                        |                |      |                          | Europe        | France, Metz, Lorraine         | 37312297 | 64.4      | 0.96 |                       |
| M4                        |                |      |                          | Europe        | France, Metz, Lorraine         | 35598756 | 78.7      | 0.97 |                       |
| MBGT1 <sup>1</sup>        |                | 2013 | I. Skrede and L. Thorbek | Europe        | Norway, Oslo                   | 20488750 | 98.4      | 0.96 |                       |
| S5                        | Ebw.1          | 1935 | O. Schmidt               | Europe        | Germany, Eberswalde            | 73393713 | 98.9      | 0.98 |                       |
| SL187 <sup>1</sup>        | S3/LU5         | 1967 | O. Schmidt               | Europe        | UK, Liverpool                  | 44782176 | 96.6      | 0.98 |                       |
| SL2                       |                | 2001 | E. Myhre                 | Europe        | Norway, Oslo                   | 24816500 | 96.1      | 0.99 |                       |
| SL200 <sup>1</sup>        | S27            | 1953 | O. Schmidt               | Europe        | Poland, Warsaw                 | 24769320 | 93.3      | 0.95 |                       |
| SL210                     | S38            | 1984 | O. Schmidt               | Europe        | Germany, Krefeld               | 64274030 | 98.2      | 0.98 |                       |
| SL198 <sup>1</sup>        | S21/7801       | 1978 | O. Schmidt               | Japan         | Japan, Hokkaido, Asahikawa     | 24816500 | 90.0      | 0.23 |                       |
| SL261                     | 8607           |      | provided by S. Doi       | Japan         | Japan, Hokkaido, Asahikawa     | 32436203 | 89.2      | 0.95 |                       |
| SL262                     | 7906           |      | provided by S. Doi       | Japan         | Japan, Kimobetsu               | 22289582 | 95.3      | 0.33 |                       |
| SL263                     | 8008           |      | provided by S. Doi       | Japan         | Japan, Hokkaido, Asahikawa     | 20817792 | 93.6      | 0.23 |                       |
| SL265                     | 8105           |      | provided by S. Doi       | Japan         | Japan                          | 25951217 | 88.9      | 0.19 |                       |
| SL391                     | 8104           |      | G. Griffith              | Japan         | Japan, Honshu, Tokyo, Akikawa  | 30574942 | 95.6      | 0.32 |                       |
| SL392                     | 8209           |      | G. Griffith              | Japan         | Japan, Hokkaido, Sapporo       | 24101054 | 93.6      | 0.96 |                       |
| SL393 <sup>1</sup>        | 8604           |      | G. Griffith              | Japan         | Japan, Honshu, Nagano, Ina     | 44174171 | 93.6      | 0.39 |                       |
| SL420 <sup>1</sup>        | 7806           |      | provided by Doi          | Japan         | Japan, Hokkaido, Biei          | 14409695 | 94.6      | 0.33 |                       |
| SL424                     | 7905           |      | provided by S. Horisawa  | Japan         | Japan, Hokkaido, Asahikawa     | 32820262 | 55.9      | 0.23 |                       |
| SL435 <sup>1</sup>        | 8015           |      | provided by S. Horisawa  | Japan         | Japan, Hokkaido, Kushiro       | 33433985 | 94.2      | 0.19 |                       |
| SL445 <sup>1</sup>        | 8013           |      | provided by S. Horisawa  | Japan         | Japan, Hokkaido, Kushiro       | 6109363  | 94.1      | 0.39 |                       |
| SL460                     | 8601           |      | provided by S. Horisawa  | Japan         | Japan, Hokkaido, Asahikawa     | 19945199 | 93.6      | 0.96 |                       |
| SL462                     | 8603           |      | provided by S. Horisawa  | Japan         | Japan, Honshu, Nagano, Saku    | 16653608 | 94.7      | 0.96 |                       |
| SL465                     | 8701           |      | provided by S. Horisawa  | Japan         | Japan, Hokkaido, Asahikawa     | 75059045 | 93.9      | 0.52 |                       |
| SL468                     | 8704           |      | provided by S. Horisawa  | Japan         | Japan, Honshu, Toyama          | 14303983 | 95.2      | 0.95 |                       |
| SL480                     | 9302           |      | provided by S. Horisawa  | Japan         | Japan, Hokkaido, Tsubetsu      | 24520034 | 94.3      | 0.27 |                       |
| SL481                     | 9401           |      | provided by S. Horisawa  | Japan         | Japan, Honshu, Tokyo, Akikawa  | 31709538 | 93.8      | 0.95 |                       |
| 950                       |                | 2003 | R. S. Ridley             | New Zealand   | New Zealand, Rotorua           | 38216474 | 97.4      | 0.97 |                       |
| ICMP18202 <sup>1</sup>    |                | 1995 | P. K. Buchanan           | New Zealand   | New Zealand, Auckland, Mosgiat | 15778240 | 97.5      | 0.91 |                       |

included in the wood decay experiments