

Table S2

Origins of isolates typed with MLST scheme

| Isolate | Country of origin | Region | Continent | ERIC type | Sequence Type | population (FST analysis) |
|-------------------------|-------------------------------------|---------------|---------------|-----------|---------------|---------------------------|
| 11-8014 | New Zealand | | Australasia | I | 1 | New Zealand |
| 12-8090 | Cuba | | North America | I | 1 | North America |
| 12-8293 | Egypt, Ethiopia | | Africa | I | 2 | Africa |
| 12-8296 | Egypt, Ethiopia | | Africa | I | 2 | Africa |
| 12-8299 | Egypt, Ethiopia | | Africa | I | 2 | Africa |
| 12-8302 | Egypt, Ethiopia | | Africa | I | 2 | Africa |
| 12-8338 | France | | Europe | I | 2 | France/Channel Isles |
| 12-8343 | France | | Europe | I | 2 | France/Channel Isles |
| p8580 (p143 2012.02.LO) | France | | Europe | | 2 | France/Channel Isles |
| 12-8384 | Georgia, Croatia | | Europe | I | 2 | - |
| 12-8387 | Georgia, Croatia | | Europe | I | 2 | - |
| 12-8382 | Georgia, Croatia | | Europe | I | 2 | - |
| 03-159 | Germany | Saxony-Anhalt | Europe | I | 2 | Germany |
| 01-391 | Germany | | Europe | I | 2 | Germany |
| 12-8314 | Greece | Crete | Europe | I | 2 | Greece |
| 1403/1 (P8467) | Italy | | Europe | | 2 | Italy |
| 1267/1 (P8468) | Italy | | Europe | | 2 | Italy |
| 1388/1 (P8465) | Italy | | Europe | | 2 | Italy |
| UK6/10 | UK | England | Europe | I | 2 | UK |
| 12-8109 (4) | Isreal, Malta | | mixed | I | 2 | - |
| 11-8020 | New Zealand | | Australasia | I | 3 | New Zealand |
| 11-8032 | Mexico, Nicaragua, Argentina, Chile | | mixed | I | 4 | - |
| 12-8320 | Bangladesh | | Asia | I | 5 | Asia |
| 11-8021 | New Zealand | | Australasia | I | 5 | New Zealand |
| 11-8022 | New Zealand | | Australasia | I | 5 | New Zealand |
| 11-8023 | New Zealand | | Australasia | I | 5 | New Zealand |
| 11-8024 | New Zealand | | Australasia | I | 5 | New Zealand |
| 11-8026 | New Zealand | | Australasia | I | 5 | New Zealand |
| 11-8027 | New Zealand | | Australasia | I | 5 | New Zealand |

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| 11-8028 | New Zealand | | Australasia | I | 5 | New Zealand |
| 11-8029 | New Zealand | | Australasia | I | 5 | New Zealand |
| 11-8010 | New Zealand | | Australasia | I | 5 | New Zealand |
| 11-8011 | New Zealand | | Australasia | I | 5 | New Zealand |
| 11-8012 | New Zealand | | Australasia | I | 5 | New Zealand |
| 12-8348 | France | | Europe | I | 5 | France/Channel Isles |
| 12-8352 | France | | Europe | I | 5 | France/Channel Isles |
| p8581 (p106 2012.06.LO) | France | | Europe | | 5 | France/Channel Isles |
| 12-367 | Germany | Berlin | Europe | I | 5 | Germany |
| 11-152 | Germany | Saxony-Anhalt | Europe | I | 5 | Germany |
| 09-331 | Germany | Saxony-Anhalt | Europe | I | 5 | Germany |
| P7839 (Thur 99) | Germany | Thuringia | Europe | I | 5 | Germany |
| p7840 (Thur101) | Germany | Thuringia | Europe | I | 5 | Germany |
| 02-360 | Germany | | Europe | I | 5 | Germany |
| 03-019 | Germany | | Europe | I | 5 | Germany |
| 12-8265 | Greece | | Europe | I | 5 | Greece |
| 12-8268 | Greece | | Europe | I | 5 | Greece |
| 12-8391 | Hungary | | Europe | I | 5 | - |
| AFB7 | Spain | | Europe | | 5 | Spain/ Tenerife |
| 12-8242 | Switzerland | | Europe | I | 5 | - |
| 12-8245 | Switzerland | | Europe | I | 5 | - |
| 12-8248 | Switzerland | | Europe | I | 5 | - |
| 12-8251 | Switzerland | | Europe | I | 5 | - |
| UK1/10 | UK | England | Europe | I | 5 | UK |
| UK11/6 | UK | England | Europe | I | 5 | UK |
| UK15/10 | UK | England | Europe | I | 5 | UK |
| UK16/8 | UK | England | Europe | I | 5 | UK |
| UK17/10 | UK | England | Europe | I | 5 | UK |
| UK17/9 | UK | England | Europe | I | 5 | UK |
| UK3/8 | UK | England | Europe | I | 5 | UK |
| UK6/8 | UK | England | Europe | I | 5 | UK |
| UK7/10 | UK | England | Europe | I | 5 | UK |

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| UK12/10 | UK | England | Europe | I | 5 | UK |
| UK14/10 | UK | England | Europe | I | 5 | UK |
| UK2/10 | UK | England | Europe | I | 5 | UK |
| UK2/7 | UK | England | Europe | I | 5 | UK |
| UK2/9 | UK | England | Europe | I | 5 | UK |
| UK20/10 | UK | England | Europe | I | 5 | UK |
| UK5/9 | UK | England | Europe | I | 5 | UK |
| UK7/9 | UK | England | Europe | I | 5 | UK |
| UK33/9 | UK | England | Europe | I | 5 | UK |
| UK38/9 | UK | England | Europe | I | 5 | UK |
| UK21/8 | UK | England | Europe | I | 5 | UK |
| UK22/10 | UK | England | Europe | I | 5 | UK |
| UK26/7 | UK | England | Europe | I | 5 | UK |
| UK24/10 | UK | England | Europe | I | 5 | UK |
| UK26/9 | UK | England | Europe | I | 5 | UK |
| UK27/7 | UK | England | Europe | I | 5 | UK |
| UK27/9 | UK | England | Europe | I | 5 | UK |
| UK35/9 | UK | England | Europe | I | 5 | UK |
| UK22/11 | UK | England | Europe | I | 5 | UK |
| UK21/10 | UK | England | Europe | I | 5 | UK |
| UK22/9 | UK | England | Europe | I | 5 | UK |
| S1/1 | UK | England | Europe | I | 5 | UK |
| S2/1 | UK | England | Europe | I | 5 | UK |
| 12-8273 | Canada | | North America | I | 5 | North America |
| 12-8277 | Canada | | North America | I | 5 | North America |
| 12-8278 | Canada | | North America | I | 5 | North America |
| 12-8281 | Canada | | North America | I | 5 | North America |
| 12-8091 (2) | Cuba | | North America | I | 5 | North America |
| p6678 (LMG 16241) | - | | | I | 5 | - |
| p8582 | France | | Europe | | 6 | France/Channel Isles |
| J3/1 | Jersey | | Europe | I | 6 | France/Channel Isles |
| 12-8378 | Mongolia | | Asia | I | 7 | Asia |

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| 12-8380 | Mongolia | | Asia | I | 7 | Asia |
| P8476 | France | | Europe | | 7 | France/Channel Isles |
| UK15/6 | UK | England | Europe | I | 7 | UK |
| UK20/6 | UK | England | Europe | I | 7 | UK |
| UK3/6 | UK | England | Europe | I | 7 | UK |
| UK10/6 | UK | England | Europe | I | 7 | UK |
| UK10/7 | UK | England | Europe | I | 7 | UK |
| UK21/6 | UK | England | Europe | I | 7 | UK |
| UK21/7 | UK | England | Europe | I | 7 | UK |
| UK23/6 | UK | England | Europe | I | 7 | UK |
| UK25/6 | UK | England | Europe | I | 7 | UK |
| UK34/6 | UK | England | Europe | I | 7 | UK |
| UK36/6 | UK | England | Europe | I | 7 | UK |
| UK37/6 | UK | England | Europe | I | 7 | UK |
| UK38/6 | UK | England | Europe | I | 7 | UK |
| (P6266) LMG 16252 | - | | | III | 8 | - |
| ATCC49483 | - | | | IV | 8 | - |
| DSM 3615 | - | | | IV | 8 | - |
| (P6264) LMG 16247 | - | | | IV | 8 | - |
| LMG6911 | - | | | IV | 8 | - |
| P6993 (LMG 14427) | - | | | IV | 8 | - |
| P6260 (LMG 16250) | - | | | IV | 8 | - |
| P6265 (LMG 16249) | - | | | IV | 8 | - |
| 11-8050 | Chile | | South America | III | 9 | South America |
| 11-8051 | Chile | | South America | III | 9 | South America |
| 12-8120 | Arabian Peninsula | | Asia | II | 10 | Arabian Peninsula |
| 12-8121 | Arabian Peninsula | | Asia | II | 10 | Arabian Peninsula |
| 12-8122 | Arabian Peninsula | | Asia | II | 10 | Arabian Peninsula |
| 12-8123 | Arabian Peninsula | | Asia | II | 10 | Arabian Peninsula |
| 12-8124 | Arabian Peninsula | | Asia | II | 10 | Arabian Peninsula |
| 12-8125 | Arabian Peninsula | | Asia | II | 10 | Arabian Peninsula |
| 12-8126 | Arabian Peninsula | | Asia | II | 10 | Arabian Peninsula |

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| 12-8127 | Arabian Peninsula | | Asia | II | 10 | Arabian Peninsula |
| 12-8128 | Arabian Peninsula | | Asia | II | 10 | Arabian Peninsula |
| 12-8119 | Arabian Peninsula | | Asia | II | 10 | Arabian Peninsula |
| 12-8230 | Arabian Peninsula | | Asia | II | 10 | Arabian Peninsula |
| 12-8231 | Arabian Peninsula | | Asia | II | 10 | Arabian Peninsula |
| 12-8232 | Arabian Peninsula | | Asia | II | 10 | Arabian Peninsula |
| 12-8170 | Japan, Singapore, China | | Asia | II | 10 | Asia |
| 12-8172 | Japan, Singapore, China | | Asia | II | 10 | Asia |
| 12-8175 | Japan, Singapore, China | | Asia | II | 10 | Asia |
| 12-8177 | Japan, Singapore, China | | Asia | II | 10 | Asia |
| 12-8179 | Japan, Singapore, China | | Asia | II | 10 | Asia |
| 12-8220 | Kazakhstan | | Asia | II | 10 | Asia |
| 12-8221 | Kazakhstan | | Asia | II | 10 | Asia |
| 12-8222 | Kazakhstan | | Asia | II | 10 | Asia |
| 12-8130 | Australia | | Australasia | II | 10 | Australia |
| 12-8131 | Australia | | Australasia | II | 10 | Australia |
| 12-8132 | Australia | | Australasia | II | 10 | Australia |
| 12-8135 | Australia | | Australasia | II | 10 | Australia |
| 12-8136 | Australia | | Australasia | II | 10 | Australia |
| 12-8137 | Australia | | Australasia | II | 10 | Australia |
| 12-8138 | Australia | | Australasia | II | 10 | Australia |
| 12-8139 | Australia | | Australasia | II | 10 | Australia |
| P7860 (11-8013) | New Zealand | | Australasia | II | 10 | New Zealand |
| P7846 | Austria | | Europe | II | 10 | - |
| 03-522 | Germany | Brandenburg, Kleinmachnow | Europe | II | 10 | Germany |
| 03-525 | Germany | Brandenburg, Kleinmachnow | Europe | II | 10 | Germany |
| 02-009 | Germany | SH / Bad Schwartau | Europe | II | 10 | Germany |
| p7842 (Thur 258) | Germany | Thuringia | Europe | II | 10 | Germany |
| 12-109 | Germany | Veitshöchheim | Europe | II | 10 | Germany |
| 12-510 | Germany | Veitshöchheim | Europe | II | 10 | Germany |
| 01-649 | Germany | | Europe | II | 10 | Germany |
| 00-1163 | Germany | | Europe | II | 10 | Germany |

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| 00-0869 | Germany | | Europe | II | 10 | Germany |
| 00-897 | Germany | | Europe | II | 10 | Germany |
| 11-8080 | Greece | Mount Athos | Europe | II | 10 | Greece |
| 11-8081 | Greece | Mount Athos | Europe | II | 10 | Greece |
| 12-8371 | Russia | | Europe | II | 10 | - |
| 12-8369 | Russia | | Europe | II | 10 | - |
| 12-8373 | Russia | | Europe | II | 10 | - |
| 12-8375 | Russia | | Europe | II | 10 | - |
| 26-02 | Sweden | | Europe | II | 10 | Scandinavia |
| P7371 | Sweden | | Europe | II | 10 | Scandinavia |
| 12-8272 | Canada | | North America | II | 10 | North America |
| p8583 (AP1141 nr 2) | Austria | | Europe | | 11 | - |
| P7844 (452 03) | Czech Republic | | Europe | II | 11 | - |
| 8514-03 | Finland | | Europe | II | 11 | Scandinavia |
| 8533-03 | Finland | | Europe | II | 11 | Scandinavia |
| P7850 (7774 03) | Finland | | Europe | II | 11 | Scandinavia |
| p7852 (8527/03) | Finland | | Europe | II | 11 | Scandinavia |
| 02-334 | Germany | Berlin | Europe | II | 11 | Germany |
| 03-194 | Germany | Berlin | Europe | II | 11 | Germany |
| 03-200 | Germany | Berlin | Europe | II | 11 | Germany |
| 04-309 | Germany | Berlin | Europe | II | 11 | Germany |
| 05-085 | Germany | Berlin | Europe | II | 11 | Germany |
| p7853 (646D2920/03) | Germany | Detmold | Europe | II | 11 | Germany |
| P7854 (647D2920 03) | Germany | Detmold | Europe | II | 11 | Germany |
| Uni_Saarl.909 | Germany | Saarland | Europe | II | 11 | Germany |
| Uni_Saarl.913 | Germany | Saarland | Europe | II | 11 | Germany |
| Uni_Saarl.914 | Germany | Saarland | Europe | II | 11 | Germany |
| Uni_Saarl.916 | Germany | Saarland | Europe | II | 11 | Germany |
| Uni_Saarl.918 | Germany | Saarland | Europe | II | 11 | Germany |
| 03-098 | Germany | Schleswig-Holstein | Europe | II | 11 | Germany |
| 10-228 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 10-232 | Germany | Veitshöchheim | Europe | II | 11 | Germany |

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| 10-654 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 10-658 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 10-662 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 10-678 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 11-365 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 11-370 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 11-381 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 11-577 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 11-593 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 11-599 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 11-627 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 12-116 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 12-128 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 12-134 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 12-147 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 12-490 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 12-498 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 12-520 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 11-403 | Germany | Veitshöchheim | Europe | II | 11 | Germany |
| 01-1714 | Germany | | Europe | II | 11 | Germany |
| 00-0775 | Germany | | Europe | II | 11 | Germany |
| P7851 (8501 03) | Finland | | Europe | II | 12 | Scandinavia |
| P7862 (11-8025) | New Zealand | | Australasia | I | 13 | New Zealand |
| 12-8262 | Greece | | Europe | I | 13 | Greece |
| AFB2 | Spain | | Europe | | 13 | Spain/ Tenerife |
| J1/1 | Jersey | | Europe | I | 14 | France/Channel Isles |
| L1/1 | South Africa | | Africa | I | 15 | Africa |
| 12-8133 | Australia | | Australasia | I | 15 | Australia |
| 12-8134 | Australia | | Australasia | I | 15 | Australia |
| P7847 | Austria | | Europe | I | 15 | - |
| P7848 | Austria | | Europe | I | 15 | - |
| P7843 (308 03) | Czech Republic | | Europe | I | 15 | - |

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| 01-440 | Germany | Saxony-Anhalt | Europe | I | 15 | Germany |
| p7841(Thu 170) | Germany | Thuringia | Europe | I | 15 | Germany |
| 01-445 | Germany | | Europe | I | 15 | Germany |
| 01-358 | Germany | | Europe | I | 15 | Germany |
| 03-384 | Germany | | Europe | I | 15 | Germany |
| 782/1 | Italy | | Europe | | 15 | Italy |
| 679/1 (P8466) | Italy | | Europe | | 15 | Italy |
| J20/1 | Jersey | | Europe | I | 15 | France/Channel Isles |
| J47/1 | Jersey | | Europe | I | 15 | France/Channel Isles |
| 12-8356 | Poland | | Europe | I | 15 | Poland |
| 12-8361 | Poland | | Europe | I | 15 | Poland |
| 12-8282 | Tenerife | | Europe | I | 15 | Spain/ Tenerife |
| 12-8285 | Tenerife | | Europe | I | 15 | Spain/ Tenerife |
| 12-8288 | Tenerife | | Europe | I | 15 | Spain/ Tenerife |
| 12-8291 | Tenerife | | Europe | I | 15 | Spain/ Tenerife |
| UK1/8 | UK | England | Europe | I | 15 | UK |
| UK11/10 | UK | England | Europe | I | 15 | UK |
| UK13/9 | UK | England | Europe | I | 15 | UK |
| UK3/10 | UK | England | Europe | I | 15 | UK |
| UK23/9 | UK | England | Europe | I | 15 | UK |
| UK21/11 | UK | England | Europe | I | 15 | UK |
| UK1/9 | UK | Wales | Europe | I | 15 | UK |
| P7858 (UK 1991) | UK | | Europe | I | 15 | UK |
| 11-8030 | Mexico, Nicaragua, Argentina, Chile | | mixed | I | 15 | - |
| 11-8070 | Mexico | | North America | I | 15 | North America |
| 12-8304 | USA | | North America | I | 15 | North America |
| 12-8306 | USA | | North America | I | 15 | North America |
| 12-8308 | USA | | North America | I | 15 | North America |
| 12-8310 | USA | | North America | I | 15 | North America |
| USA-21 | USA | | North America | I | 15 | North America |
| 11-8061 | Argentina | | South America | I | 15 | South America |
| P7864 (11-8062) | Argentina | | South America | I | 15 | South America |

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|-----------------|-------------------------------------|---------|---------------|----|----|
| B-3650 | - | | | 15 | - |
| 11-8031 | Mexico, Nicaragua, Argentina, Chile | | mixed | I | 16 |
| 02-129 | Germany | | Europe | I | 17 |
| 02-130 | Germany | | Europe | I | 17 |
| 12-8366 | Poland | | Europe | I | 17 |
| P7370 | Sweden | | Europe | I | 17 |
| P7857 (UK 1961) | UK | | Europe | I | 17 |
| ATCC9545 | - | | | I | 17 |
| 11-8040 | New Zealand | | Australasia | I | 18 |
| 1487/1 | Italy | | Europe | | 18 |
| 2358/1 | Italy | | Europe | | 18 |
| UK16/6 | UK | England | Europe | I | 18 |
| UK8/10 | UK | England | Europe | I | 18 |
| UK27/6 | UK | England | Europe | I | 18 |
| UK40/6 | UK | England | Europe | I | 18 |
| UK14/7 | UK | Wales | Europe | I | 18 |
| UK5/8 | UK | Wales | Europe | I | 18 |
| UK9/7 | UK | Wales | Europe | I | 18 |
| UK28/7 | UK | Wales | Europe | I | 18 |
| P7856 (UK 1957) | UK | | Europe | I | 18 |
| 08-100 | USA | | North America | I | 18 |
| USA-148 | USA | | North America | I | 18 |
| USA-38 | USA | | North America | I | 18 |
| P6254 | - | | | I | 18 |
| 12-8322 | Bangladesh | | Asia | I | 19 |
| 12-8324 | Bangladesh | | Asia | I | 19 |
| 12-8326 | Bangladesh | | Asia | I | 19 |
| p7845 (778/03) | Czech Republic | | Europe | I | 19 |
| 00-087 | Germany | | Europe | I | 19 |
| 03-125 | Germany | | Europe | I | 19 |
| 12-8312 | Greece | Crete | Europe | I | 19 |
| 12-8271 | Greece | | Europe | I | 19 |

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| 12-8355 | Hungary | | Europe | I | 19 | - |
| p8488 | Poland | Kutno | Europe | | 19 | Poland |
| p8494 | Poland | Radomsko | Europe | | 19 | Poland |
| P8477 | Poland | Sieradz | Europe | | 19 | Poland |
| P8480 | Poland | | Europe | | 19 | Poland |
| 12-8100 | Isreal, Malta | | mixed | I | 19 | - |
| 03-189 | Germany | Saxony-Anhalt | Europe | I | 20 | Germany |
| UK6/7 | UK | England | Europe | I | 21 | UK |
| UK25/7 | UK | England | Europe | I | 21 | UK |
