

Supplementary table 1. Species identification, origin, ST and sequence parameters for the *Achromobacter* isolates.

| ID     | species MALDI-TOF      | species WGS            | country         | disease                         | ST  |
|--------|------------------------|------------------------|-----------------|---------------------------------|-----|
| 537301 | <i>A. insolitus</i>    | <i>A. aegrifaciens</i> | Spain           | CF                              | 501 |
| 548963 | <i>A. xylosoxidans</i> | <i>A. deleyi</i>       | UK              | CF                              | 518 |
| 548966 | <i>A. xylosoxidans</i> | <i>A. deleyi</i>       | UK              | CF                              | 518 |
| 548967 | <i>A. xylosoxidans</i> | <i>A. deleyi</i>       | UK              | CF                              | 518 |
| 548969 | <i>A. spp.</i>         | <i>A. deleyi</i>       | UK              | CF                              | 518 |
| 548972 | <i>A. xylosoxidans</i> | <i>A. deleyi</i>       | UK              | CF                              | 518 |
| 548973 | <i>A. spanius</i>      | <i>A. deleyi</i>       | UK              | CF                              | 518 |
| 548974 | <i>A. xylosoxidans</i> | <i>A. deleyi</i>       | UK              | CF                              | 518 |
| 534814 | <i>A. insolitus</i>    | <i>A. insolitus</i>    | Spain           | CF                              | 503 |
| 546376 | <i>A. insolitus</i>    | <i>A. insolitus</i>    | UK              | CF                              | 515 |
| 533616 | <i>A. xylosoxidans</i> | <i>A. insuavis</i>     | the Netherlands | CF                              | 502 |
| 533618 | <i>A. xylosoxidans</i> | <i>A. insuavis</i>     | the Netherlands | CF                              | 303 |
| 537305 | <i>A. xylosoxidans</i> | <i>A. insuavis</i>     | Spain           | CF                              | 514 |
| 537308 | <i>A. xylosoxidans</i> | <i>A. insuavis</i>     | Spain           | CF                              | 491 |
| 537313 | <i>A. xylosoxidans</i> | <i>A. insuavis</i>     | Spain           | CF                              | 274 |
| 539939 | <i>A. xylosoxidans</i> | <i>A. insuavis</i>     | the Netherlands | COPD                            | 513 |
| 539942 | <i>A. xylosoxidans</i> | <i>A. insuavis</i>     | the Netherlands | CF                              | 512 |
| 543171 | <i>A. xylosoxidans</i> | <i>A. insuavis</i>     | UK              | Pulmonary disease not specified | 64  |
| 543523 | <i>A. xylosoxidans</i> | <i>A. insuavis</i>     | the Netherlands | bacteremia                      | 520 |
| 546381 | <i>A. xylosoxidans</i> | <i>A. insuavis</i>     | UK              | Pulmonary disease not specified | 496 |
| 555838 | <i>A. xylosoxidans</i> | <i>A. insuavis</i>     | the Netherlands | CF                              | 303 |
| 533619 | <i>A. xylosoxidans</i> | <i>A. ruhlandii</i>    | the Netherlands | CF                              | 509 |
| 533627 | <i>A. xylosoxidans</i> | <i>A. ruhlandii</i>    | the Netherlands | CF                              | 511 |
| 543530 | <i>A. xylosoxidans</i> | <i>A. ruhlandii</i>    | the Netherlands | CF                              | 519 |
| 546373 | <i>A. xylosoxidans</i> | <i>A. ruhlandii</i>    | UK              | CF                              | 41  |
| 546375 | <i>A. xylosoxidans</i> | <i>A. ruhlandii</i>    | UK              | CF                              | 41  |
| 548953 | <i>A. xylosoxidans</i> | <i>A. ruhlandii</i>    | UK              | CF                              | 41  |
| 548956 | <i>A. xylosoxidans</i> | <i>A. ruhlandii</i>    | UK              | CF                              | 497 |
| 551600 | <i>A. spp.</i>         | <i>A. spanius</i>      | the Netherlands | CF                              | 516 |
| 533613 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 498 |
| 533614 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 272 |
| 533615 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 28  |
| 533617 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 28  |
| 533620 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 175 |
| 533621 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 290 |
| 533622 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 272 |
| 533623 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 28  |
| 533624 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 426 |
| 533625 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 20  |
| 533628 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 487 |
| 533630 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 20  |
| 533631 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 486 |
| 533632 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 486 |
| 533633 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 486 |
| 537296 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 508 |
| 537297 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 27  |
| 537298 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 182 |
| 537299 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 506 |
| 537300 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 323 |
| 537302 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 182 |
| 537303 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 180 |
| 537304 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 273 |
| 537309 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 184 |
| 537310 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 28  |
| 537311 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 507 |
| 537312 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 184 |
| 537314 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 28  |
| 537315 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 2   |
| 537316 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 27  |
| 537317 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 489 |

|        |                        |                        |                 |                                 |     |
|--------|------------------------|------------------------|-----------------|---------------------------------|-----|
| 537318 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 517 |
| 537319 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 489 |
| 537320 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 27  |
| 537322 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 488 |
| 537323 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 237 |
| 537324 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Spain           | CF                              | 273 |
| 539938 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | tracheitis tracheostomy         | 505 |
| 539940 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | bronchiectasis                  | 426 |
| 539941 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | Otitis media                    | 488 |
| 539943 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | mastoiditis                     | 500 |
| 539944 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | bronchiectasis                  | 500 |
| 542589 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | Australia       | Pulmonary disease not specified | 22  |
| 543228 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | UK              | CF                              | 22  |
| 543229 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | UK              | CF                              | 426 |
| 543230 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | UK              | CF                              | 510 |
| 543233 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | UK              | CF                              | 281 |
| 543526 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | bacteremia                      | 521 |
| 543527 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | bacteremia                      | 277 |
| 543529 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | bacteremia                      | 175 |
| 543532 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | bacteremia                      | 290 |
| 546369 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | UK              | CF                              | 494 |
| 546371 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | UK              | CF                              | 180 |
| 546379 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | UK              | CF                              | 495 |
| 546380 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | UK              | CF                              | 226 |
| 546382 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | UK              | CF                              | 495 |
| 551602 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | sputum trachea obstruction      | 499 |
| 551604 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | bronchiectasis                  | 175 |
| 551605 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | bronchiectasis                  | 27  |
| 551607 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 175 |
| 551608 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | bronchiectasis                  | 175 |
| 551609 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | CF                              | 492 |
| 551610 | <i>A. xylosoxidans</i> | <i>A. xylosoxidans</i> | the Netherlands | bronchiectasis                  | 504 |
| 533626 | <i>A. xylosoxidans</i> | <i>species1</i>        | the Netherlands | CF                              | 144 |
| 533629 | <i>A. xylosoxidans</i> | <i>species1</i>        | the Netherlands | CF                              | 428 |
| 546367 | <i>A. xylosoxidans</i> | <i>species1</i>        | UK              | CF                              | 57  |
| 548957 | <i>A. xylosoxidans</i> | <i>species1</i>        | UK              | CF                              | 144 |
| 548959 | <i>A. xylosoxidans</i> | <i>species1</i>        | UK              | CF                              | 144 |
| 548961 | <i>A. xylosoxidans</i> | <i>species1</i>        | UK              | CF                              | 144 |
| 551603 | <i>A. xylosoxidans</i> | <i>species1</i>        | the Netherlands | sputum oncology patient         | 144 |
| 555840 | <i>A. xylosoxidans</i> | <i>species1</i>        | the Netherlands | CF                              | 144 |
| 533612 | <i>A. xylosoxidans</i> | <i>species2</i>        | the Netherlands | CF                              | 493 |