**Supplementary Table 7: *S. aureus* isolates used in this study.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name of isolate** | **Year of isolation** | **Age of carrier** | **Area of residence** | **Epidemio-logical behavior** | ***spa*-type** | **SCC*mec*** | **PVL** | **ACME** |
| D15 | 2004 | 39 | Denmark | CA | t008 | IV | + | + |
| D29 | 2004 | 40 | Denmark | CA | t008 | IV | + | + |
| D32 | 2005 | 61 | Denmark | CA | t008 | IV | + | + |
| D37 | 2005 | 24 | Denmark | CA | t008 | IV | + | + |
| D61 | 2005 | 5 | Denmark | CA | t008 | IV | + | + |
| D69 | 2005 | 26 | Denmark | CA | t008 | IV | + | + |
| D3 | 2003 | 48 | Denmark | HA | t024 | IV | - | - |
| D17 | 2004 | 82 | Denmark | HA | t024 | IV | - | + |
| D22 | 2004 | 79 | Denmark | HA | t024 | IV | - | + |
| D30 | 2004 | 88 | Denmark | HA | t024 | IV | - | + |
| D53 | 2005 | 65 | Denmark | HA | t024 | IVa | - | + |
| D66 | 2005 | 61 | Denmark | HA | t024 | IVa | - | + |
| E75 | 2005 | unknown | Dutch-German region | HA | t008 | IV | - | - |
| E166 | 2006 | unknown | Dutch-German region | HA | t008 | IV | - | - |
| E276 | 2007 | unknown | Dutch-German region | HA | t024 | IV | - | - |

\*CA= community associated, HA= hospital associated