Table S1. List of strains from the genus *Staphylococcus* and *Enterococcus* with their susceptibility/resistance profile used for extended study of antibacterial action within selected mafenide derivatives

|  |  |  |  |
| --- | --- | --- | --- |
| **ID No.** | **Bacterial strain** | **Susceptibility (S)/resistance (R) profile\*** | **Strain specification/clinical specimen** |
| 155/16 | *Staphylococcus aureus* | S – nitrofurantoin, trimethoprim/sulfamethoxazole, tetracycline, clindamycin  R – cefoxitin, erythromycin | larynx |
| 156/16 | *Staphylococcus aureus* | S – cefoxitin, nitrofurantoin, trimethoprim/sulfamethoxazole, tetracycline, clindamycin  R – erythromycin | sternum |
| 134/16 | methicillin-resistant *Staphylococcus aureus* | S – clindamycin, tetracycline, trimethoprim/sulfamethoxazole, nitrofurantoin  R – erythromycin, cefoxitin | decubitus |
| 131/16 | methicillin-resistant *Staphylococcus aureus* | S – nitrofurantoin, trimethoprim/sulfamethoxazole, tetracycline  R – cefoxitin, clindamycin, erythromycin | throat swab |
| 203/16 | *Staphylococcus aureus*, VRSA | ND | NIPH |
| 206/20 | *Staphylococcus aureus*, VRSA, CCM 1767 | ND | collection strain |
| 4/21 | *Staphylococcus epidermidis* | S – erythromycin, clindamycin, tetracycline, ceftaroline, gentamicin, linezolid, rifampicin, tigecycline  R – oxacillin, trimethoprim/sulfamethoxazole, ciprofloxacin | femur |
| 5/21 | *Staphylococcus epidermidis* | S – oxacillin, erythromycin, clindamycin, tetracycline, trimethoprim/sulfamethoxazole, ceftaroline, gentamicin, ciprofloxacin, linezolid, rifampicin, tigecycline | blood |
| 17/21 | *Enterococcus faecium* | S – linezolid  R – ampicillin, nitrofurantoin, vancomycin, fosfomycin, teicoplanin | urine |
| 18/21 | *Enterococcus faecium* | S – daptomycin  R – vancomycin, linezolid, tigecycline, fosfomycin, ampicillin, nitrofurantoin, trimethoprim/sulfamethoxazole | urine |
| 1/21 | *Staphylococcus lugdunensis* | S – oxacillin, tetracycline, trimethoprim/sulfamethoxazole, ceftaroline, gentamicin, ciprofloxacin, linezolid, rifampicin, tigecycline  R – erythromycin, clindamycin | central venous catheter |

ID No. – internal laboratory identification number; \* disc diffusion test according to EUCAST recommendation; NIPH – The National Institute of Public Health in Prague, Czech Republic; ND – not determined