Table S2  Strain information and restriction types for *Staphylococcus* (and two *Enterococcus*) plasmid sequences obtained."

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Ron Skurray, Neville Firth, Slade Jensen: School of Biological Sciences, University of Sydney, Sydney, AU
Jean Patel, Ainsley Nicholson, Brandi Limbago: Division of Healthcare Quality Promotion, Centers for Disease Control and Prevention, Atlanta, GA, USA
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Ron Skurray, Neville Firth, Slade Jensen: School of Biological Sciences, University of Sydney, Sydney, AU
Jodi Lindsay: Department of Cellular and Molecular Medicine, St. George's, University of London, London, UK
Jodi Lindsay: Department of Cellular and Molecular Medicine, St. George's, University of London, London, UK
Ron Skurray, Neville Firth, Slade Jensen: School of Biological Sciences, University of Sydney, Sydney, AU
Frances O'Brien: School of Biomedical Sciences, Curtin University of Technology, Perth, Western Australia
J. E. S. Shearer et al.
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**References**
- Frances O'Brien. School of Biomedical Sciences, Curtin University of Technology, Perth, Western Australia.
- Jean Patel, Ainsley Nicholson, Brandi Limbago: Division of Healthcare Quality Promotion, Centers for Disease Control and Prevention, Atlanta, GA, USA.
- Jodi Lindsay. Department of Cellular and Molecular Medicine, St. George's, University of London, London, UK.
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Jodi Lindsay, Department of Cellular and Molecular Medicine, St. George’s, University of London, London, UK
Frances O’Brien, School of Biomedical Sciences, Curtin University of Technology, Perth, Western Australia
Frances O’Brien, School of Biomedical Sciences, Curtin University of Technology, Perth, Western Australia
Alexander Mankin, Center for Pharmaceutical Biotechnology, University of Illinois, Chicago, IL, USA
Susan Sanchez, Department of Infectious Diseases, College of Veterinary Medicine, University of Illinois, Chicago, IL, USA

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Jodi Lindsay, Department of Cellular and Molecular Medicine, St. George's, University of London, London, UK
Kenneth Bayles, Department of Pathology and Microbiology, University of Nebraska Medical Center, Omaha, NE, USA
Frances O'Brien, School of Biomedical Sciences, Curtin University of Technology, Perth, Western Australia
Jean Patel, Ainsley Nicholson, Brandi Limbago: Division of Healthcare Quality Promotion, Centers for Disease Control and Prevention, Atlanta, GA, USA
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Molecular Medicine, St. George’s, University of London, London, UK
Kenneth Bayles: Department of Pathology and Microbiology, University of Nebraska Medical Center, Omaha, NE, USA
Ron Skurray, Neville Firth, Slade Jensen: School of Biological Sciences, University of Sydney, Sydney, AU
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Ron Skurray, Neville Firth, Slade Jensen: School of Biological Sciences, University of Sydney, Sydney, AU

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Healthcare Quality Promotion, Centers for Disease Control and Prevention, Atlanta, GA, USA
Frances O’Brien. School of Biomedical Sciences, Curtin University of Technology, Perth, Western Australia
Frances O’Brien. School of Biomedical Sciences, Curtin University of Technology, Perth, Western Australia
Jodi Lindsay. Department of Cellular and Molecular Medicine, St. George’s, University of London, London, UK
Kenneth Bayles: Department of Pathology and Microbiology, University of Nebraska Medical Center, Omaha, NE, USA
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Frances O’Brien. School of Biomedical Sciences, Curtin University of Technology, Perth, Western Australia. Jodi Lindsay. Department of Cellular and Molecular Medicine, St. George’s, University of London, London, UK. Ron Skurray, Neville Firth, Slade Jensen. School of Biological Sciences, University of Sydney, Sydney, AU.
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Jodi Lindsay, Department of Cellular and Molecular Medicine, St. George's, University of London, London, UK
Ron Skurray, Neville Firth, Siade Jensen: School of Biological Sciences, University of Sydney, Sydney, AU
Sobhan Nandi: Department of Microbiology, University of Georgia, Athens, GA, USA
Ron Skurray, Neville Firth, Siade Jensen: School of Biological Sciences, University of Sydney, Sydney, AU
Jean Patel, Ainsley Nicholson, Brandi Limbagho: Division of Healthcare Quality Promotion, Centers for Disease Control and Prevention, Atlanta, GA, USA
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Ron Skurray, Neville Firth, Slade Jensen: School of Biological Sciences, University of Sydney, Sydney, AU

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J. E. S. Shearer et al.
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Ron Skurray, Neville Firth, Slade Jensen: School of Biological Sciences, University of Sydney, Sydney, AU

Melbourne, clinical

Melbourne, clinical

Melbourne, clinical

Melbourne, clinical
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Ron Skurray, Neville
Firth, Slade Jensen
School of Biological Sciences, University of Sydney, Sydney, AU
Susan Sanchez:
Department of Infectious Diseases, College of Veterinary Medicine, University of Georgia, Athens, GA, USA
Kenneth Bayles:
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Kenneth Bayles:
Department of Pathology and Microbiology, University of Nebraska Medical Center, Omaha, NE, USA
Ron Skurray, Neville

J. E. S. Shearer et al.
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Ron Skurray, Neville Firth, Slade Jensen: School of Biological Sciences, University of Sydney, Sydney, AU

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Ron Skurray, Neville Firth, Slade Jensen: School of Biological Sciences, University of Sydney, Sydney, AU
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Ron Skurray, Neville Firth, Slade Jensen: School of Biological Sciences, University of Sydney, Sydney, AU
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Jodi Lindsay. Department of Cellular and Molecular Medicine, St. George's, University of London, London, UK
Jodi Lindsay. Department of

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Frances O'Brien. School of Biomedical Sciences, Curtin University of Technology, Perth, Western Australia.

Jean Patel, Ainsley Nicholson, Brandi Limbago: Division of Healthcare Quality Promotion, Centers for Disease Control and Prevention, Atlanta, GA, USA.

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GQ015269  pSK73  39907  SK1404  S. aureus  mac-linc-str-ery, aod  RT88  partial  1966  Australia  isolate  AsaCdHg

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GQ015264  SAP015B  7069  CDC61  S. aureus  RT50  partial  2002  CA, USA  isolate  HA-MRSA

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Sciences, Curtin
University of
Technology, Perth,
Western Australia
Jean Patel, Ainsley
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Healthcare Quality Promotion, Centers for Disease Control and Prevention, Atlanta, GA, USA
Jean Patel, Ainsley Nicholson, Brandi Limbago: Division of Healthcare Quality Promotion, Centers for Disease Control and Prevention, Atlanta, GA, USA
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Ron Skurray, Neville Firth, Slade Jensen: School of Biological Sciences, University
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<td>ORF</td>
<td>Strain</td>
<td>Type</td>
<td>Source</td>
<td>Location</td>
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<td>GQ900477</td>
<td>SAP054A</td>
<td>37475</td>
<td>S. aureus</td>
<td>Partial</td>
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<td>35242</td>
<td>S. sp. (CNS)</td>
<td>Partial</td>
<td>resistance</td>
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<td>pWBG761</td>
<td>26838</td>
<td>S. aureus</td>
<td>Partial</td>
<td>ΔTn552</td>
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<td>ND</td>
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<td>GQ900470</td>
<td>SAP025A</td>
<td>35220</td>
<td>S. epidermidis</td>
<td>Partial</td>
<td>Bin, sin, sdiC</td>
<td>1996</td>
</tr>
</tbody>
</table>
Complete sequences are sorted first by descending size, then partial sequences with a single gap by size, then partial sequences by descending accession number.

Selected genotype highlights, not an all-inclusive list of genes:

- Tn552 = p271, p480 (or Tn552 transposase), bin, blal, blar1, blaz
- ΔTn552 = bin, blal, blar1, blaz
- Tn552A = p271, p480 (or Tn552 transposase), bin
- IS256 = IS256 transposase
- aac = aminoglycoside N-acetyltransferase
- aacA-aphD = aminoglycoside resistance
- aad = aminoglycoside 6-adenylyltransferase
- aph = Aminoglycoside 3'-phosphotransferase (Kanamycin kinase, type III) (Neomycin-kanamycin phosphotransferase type III)
- asp/sec = secretion of virulence glycoproteins
- bla = blal, blar1, blaz
- ble = bleomycin resistance
- cad = cadmium resistance: cadD, cadX, cadC, cadA
- cat = chloramphenicol ecetyltransferase
- dfr = dihydrofolate reductase
- ery = erythromycin resistance
- etb = exfoliatin B
- exo = exoenzyme C3 precursor
- kan = kanamycin resistance
- mac = macrolide resistance
- mac-linc-str = rRNA adenine N-6-methyltransferase (Macrolide-lincosamide-streptogramin B resistance protein)
- mob = mobilization gene(s)
- par = pSK1-type plasmid partitioning; only identified for complete sequences
- pls = antiadhesin PIs, binding to squamous nasal epithelial cells
- pre = plasmid recombination enzyme, relaxase
- qacA or qacC = antiseptic resistance
- repA = N-type replication initiation; only identified for complete sequences
- rep = pSK639-type replication; only identified for complete sequences
- sdrE = adhesin protein
- se = staphylococcal enterotoxin
- smr = multidrug efflux protein
- sta = streptothricin acetyltransferase
- tcaA = teicoplanin resistance
- tet = tetracycline resistance
- tra = conjugative transfer loci

Type Ib and II partitioning only identified for complete sequences

OxR/S = oxacillin resistant/sensitive
CA = community-associated
HA = hospital-associated
MRSA = methicillin resistant *Staphylococcus aureus*
MSSA = methicillin sensitive *Staphylococcus aureus*
ST = MLST sequence type

d Previously determined plasmid phenotypes
Asa = arsenate/arsenite
Cd = cadmium
Cm = chloramphenicol
Gm = gentamycin
Hg = mercury
Km = kanamycin
Pc = penicillin
QacA/B/C = quaternary ammonium antiseptic
Tc = tetracycline
Tp = trimethoprim