

Table A1: List of all targets queried by microarray and WGS, respectively, sorted by their affiliated functional category. The expressed protein and/or its function are also stated. Targets that are queried by the microarray but not by WGS are highlighted in red. For each target that is present in the WGS typing scheme, the NCBI accession number of the initial allele sequence is given (step one of library creation, Figure 1). These accession numbers mostly correspond to those sequences used for microarray probe design (1).

Target WGS	Target Microarray	Functional Category	Gene Product / Function	Initial Reference Sequence (microarray probe design)
23SrRNA	<i>rrnD1 (S. aureus)</i>	Species Identification	23S ribosomal RNA	CP000046.1
<i>gapA</i>	<i>gapA</i>	Species Identification	glyceradehyde 3-phosphate dehydrogenase	CP000046.1
<i>katA</i>	<i>katA</i>	Species Identification	katalase A	CP000046.1
<i>coa</i>	<i>coa</i>	Species Identification	coagulase	CP000046.1
<i>nuc1</i>	<i>nuc1</i>	Species Identification	nuclease	
excluded	<i>spa</i>	Species Identification	protein A	CP000046.1
<i>sbi</i>	<i>sbi</i>	Species Identification	IgG-binding protein	CP000046.1
<i>sarA</i>	<i>sarA</i>	Regulation	staphylococcal accessory regulator A	CP000046.1
<i>saeS</i>	<i>saeS</i>	Regulation	sensor histidine kinase	CP000046.1
<i>vraS</i>	<i>vraS</i>	Regulation	sensor histidine kinase	CP000046.1
<i>agrB-I</i>	<i>agrB-I</i>	Regulation		CP000046.1
<i>agrB-II</i>	<i>agrB-II</i>	Regulation	accessory gene regulator	BA000017.4
<i>agrB-III</i>	<i>agrB-III</i>	Regulation	protein B	BX571856.1
<i>agrB-IV</i>	<i>agrB-IV</i>	Regulation		AF288215.1
<i>agrC-I</i>	<i>agrC-I</i>	Regulation		CP000046.1
<i>agrC-II</i>	<i>agrC-II</i>	Regulation	histidine kinase receptor agrC	BA000017.4
<i>agrC-III</i>	<i>agrC-III</i>	Regulation		BX571856.1
<i>agrC-IV</i>	<i>agrC-IV</i>	Regulation		AF288215.1
<i>agrD-I</i>	<i>agrD-I</i>	Regulation		CP000046.1
<i>agrD-II</i>	<i>agrD-II</i>	Regulation	autoinducing pheromone agrD	BA000017.4
<i>agrD-III</i>	<i>agrD-III</i>	Regulation		BX571856.1
excluded	<i>agr-I (total)</i>	Regulation		
excluded	<i>agr-II (total)</i>	Regulation		
excluded	<i>agr-III (total)</i>	Regulation		
excluded	<i>agr-IV (total)</i>	Regulation		
<i>hld</i>	<i>hld</i>	Regulation	delta-hemolysin	CP000046.1
excluded	<i>hsdS1 (RF122)</i>			
excluded	<i>hsdS2</i>			
excluded	<i>(Mu50+N315+COL+USA300+NCTC8325)</i>			
excluded	<i>hsdS2 (MW2+MSSA476)</i>			
excluded	<i>hsdS2 (RF122)</i>			
excluded	<i>hysA2 (all other than COL+USA300+NCTC8325)</i>			
excluded	<i>hsdS2 (MRSA252)</i>		restriction endonuclease	
excluded	<i>hsdS3 (all other than RF122+MRSA252)</i>		subunit S	
excluded	<i>hsdS3</i>		3 loci	
excluded	<i>(COL+USA300+NCTC8325+MW2+MSSA476+RF122)</i>			
excluded	<i>hsdS3 (Mu50+N315)</i>			
excluded	<i>hsdS3 (CC51+MRSA252)</i>			
excluded	<i>hsdS3 (MRSA252)</i>			
excluded	<i>hsdSx (CC25)</i>			
excluded	<i>hsdSx (CC15)</i>			
excluded	<i>hsdSx (etd)</i>			
<i>mecA</i>	<i>mecA</i>	Resistance	PBP2a	CP000046.1
<i>mecI</i>	<i>mecI</i>	Resistance	mecA repressor	BA000017.4
<i>mecR-truncated</i>	<i>delta_mecR</i>	Resistance	truncated mecR	CP000046.1
<i>mecR</i>	<i>mecR</i>	Resistance	signal-transducer MecR1	BA000017.4
<i>ugpQ</i>	<i>ugpQ</i>	Resistance	glycerophosphoryl diester phosphodiesterase	CP000046.1
<i>ccrA-1</i>	<i>ccrA-1</i>	Resistance	Chromosomal Cassette Recombinase	CP000046.1
<i>ccrB-1</i>	<i>ccrB-1</i>	Resistance	Chromosomal Cassette Recombinase	BX571857.1
<i>ccrA-2</i>	<i>ccrA-2</i>	Resistance	Chromosomal Cassette Recombinase	BA000017.4

<i>ccrB-2</i>	<i>ccrB-2</i>	Resistance	Chromosomal Cassette Recombinase	BA000017.4
<i>ccrA-3</i>	<i>ccrA-3</i>	Resistance	Chromosomal Cassette Recombinase	AB014436.1
<i>ccrB-3</i>	<i>ccrB-3</i>	Resistance	Chromosomal Cassette Recombinase	AB014436.1
<i>ccrA-4</i>	<i>ccrA-4</i>	Resistance	Chromosomal Cassette Recombinase	AF411935.3
<i>ccrB-4</i>	<i>ccrB-4</i>	Resistance	Chromosomal Cassette Recombinase	AF411935.3
<i>ccrAA</i>	<i>ccrAA (MRSAZH47)_probe1</i>	Resistance	Chromosomal Cassette Recombinase	AP006716.1
	<i>ccrAA (MRSAZH47)_probe2</i>	Resistance	Chromosomal Cassette Recombinase	
<i>ccrC</i>	<i>ccrC (85-2082)</i>	Resistance	Chromosomal Cassette Recombinase	AP008934.1
<i>pls</i>	<i>plsSCC (COL)</i>	Resistance	plasmin-sensitive surface protein	CP000046.1
excluded	<i>Q9XB68-dcs</i>	Resistance	unknown	
<i>kdpA</i>	<i>kdpA-SCC</i>	Resistance	ATPase Chain A	BA000017.4
<i>kdpB</i>	<i>kdpB-SCC</i>	Resistance	ATPase Chain B	BA000017.4
<i>kdpC</i>	<i>kdpC-SCC</i>	Resistance	ATPase Chain C	BA000017.4
<i>kdpD</i>	<i>kdpD-SCC</i>	Resistance	two component system sensor kinase	BA000017.4
<i>kdpE</i>	<i>kdpE-SCC</i>	Resistance	two component system response regulator	BA000017.4
<i>xylR</i>	<i>xylR</i>	Resistance	xylose repressor homolog	BA000017.4
<i>merA</i>	<i>merA</i>	Resistance	Mercuric reductase	NC_013352.1
<i>merB</i>	<i>merB</i>	Resistance	Mercuric reductase	AB179623.1
<i>blaZ</i>	<i>blaZ</i>	Resistance	β -lactamase	BX571856.1
<i>blaI</i>	<i>blaI</i>	Resistance	penicillinase repressor	BX571856.1
<i>blaR</i>	<i>blaR</i>	Resistance	beta-lactamase regulatory protein	BX571856.1
<i>ermA</i>	<i>erm(A)</i>	Resistance	rRNA methyltransferase	BA000017.4
<i>ermB</i>	<i>erm(B)</i>	Resistance	rRNA methyltransferase	EF450709.1
<i>ermC</i>	<i>erm(C)</i>	Resistance	rRNA methyltransferase	M17990.1
<i>lnuA</i>	<i>lnu(A)</i>	Resistance	lincosaminide nucleotidyltransferase	J03947.1
<i>msrA</i>	<i>msr(A)</i>	Resistance	macrolide resistance	AB013298.1
<i>mefA</i>	<i>mef(A)</i>	Resistance	macrolide efflux protein	AY064721.1
<i>mphC</i>	<i>mph(C)</i>	Resistance	macrolide 2'-phosphotransferase	AB013298.1
<i>vatA</i>	<i>vat(A)</i>	Resistance	virginiamycin A (a streptogramin) acetyltransferase	AF117258.1
<i>vatB</i>	<i>vat(B)</i>	Resistance	acetyltransferase	U19459.1
<i>vgaA</i>	<i>vga(A)</i>	Resistance	ATP binding protein VgA	AF117259.1
<i>vgbA</i>	<i>vga(A) (BM 3327)</i>	Resistance		AF186237.2
	<i>vgb (A)</i>	Resistance	virginiamycin B hydrolase	M36022.1
<i>aacA-aphD</i>	<i>aacA-aphD</i>	Resistance	6'-aminoglycoside N-acetyltransferase/2"-aminoglycoside phosphotransferase	AB096217.1
<i>aadD</i>	<i>aadD</i>	Resistance	kanamycin nucleotidyltransferase	BA000017.4
<i>aphA3</i>	<i>aphA3</i>	Resistance	aminoglycoside 3'-phosphotransferase	CP009681.1
<i>sat</i>	<i>sat</i>	Resistance	Streptothricin acetyltransferase	U51474.1
<i>dfrA</i>	<i>dfrS1</i>	Resistance	dihydrofolate reductase	AE017171.1
<i>fusB</i>	<i>far1</i>	Resistance	fusidic acid resistance	AY047358.1
<i>fusC</i>	<i>fusC (Q6GD50)</i>	Resistance	fusidic acid resistance	BX571856.1
<i>mupA</i>	<i>mupA</i>	Resistance	isoleucyl tRNA synthetase	X75439.1
<i>tetK</i>	<i>tet(K)</i>	Resistance	tetracycline-resistance protein	M16217.1
<i>tetM</i>	<i>tet(M)</i>	Resistance	tetracycline-resistance protein	BA000017.4
	<i>cat (total)</i>	Resistance		
	<i>cat (pC221)</i>	Resistance		
<i>cat</i>	<i>cat (pc223)</i>	Resistance	chloramphenicol acetyltransferase	M64281.1 AF507977

	<i>cat</i> (pMC524)	Resistance	acetyltransferase	AB080798.1
	<i>cat</i> (pSBK203R)	Resistance		M58515.1
<i>cfr</i>	<i>cfr</i>	Resistance	florfenicol resistance	AJ249217.1
<i>fexA</i>	<i>fexA</i>	Resistance	florfenicol-chloramphenicol exporter	AJ549214.1
<i>fosB</i>	<i>fosB</i>	Resistance	fosfomycin resistance	CP000046.1
	<i>fosB</i> (plasmid)	Resistance	fosfomycin resistance	AP006717.1
<i>qacA</i>	<i>qacA</i>	Resistance	multidrug efflux protein	AF053771.1
	<i>qacC</i> (total)	Resistance		
	<i>qacC</i> (consensus)	Resistance	multidrug efflux protein,	AB125342.1
<i>qacC</i>	<i>qacC</i> (equine)	Resistance	quaternary ammonium	AJ512814.1
	<i>qacC</i> (Ssap)	Resistance	compounds resistance	U81980.1
	<i>qacC</i> (SA5)	Resistance		Y16944.1
	<i>qacC</i> (ST94)	Resistance		
<i>sdrM</i>	<i>sdrM</i>	Resistance	drug efflux transporter	CP000046.1
<i>vanA</i>	<i>vanA</i>	Resistance	vancomycin/teicoplanin	AE017171.1
<i>vanB</i>	<i>vanB</i>	Resistance	resistance	AE016830.1
<i>vanZ</i>	<i>vanZ</i>	Resistance		AE017171.1
<i>lmrP</i>	<i>lmrP</i> (other than RF122)_probe1	Resistance	drug transporter	CP000046.1
	<i>lmrP</i> (other than RF122)_probe2	Resistance		AJ938182.1
<i>mprF</i>	<i>mprF</i> (COL+MW2)	Resistance	oxacillin resistance-related	CP000046.1
	<i>mprF</i> (Mu50+MRSA252)	Resistance	FmtC protein	
excluded	<i>Q2FXC0</i>	Resistance	hypothetical protein	
excluded	<i>Q2YUB3</i>	Resistance	hypothetical protein	
excluded	<i>Q7A4X2</i>	Resistance	hypothetical protein	
	<i>tst1</i> (consensus)	Virulence		BA000017.4
<i>tst1</i>	<i>tst1</i> ("human" allele)	Virulence	toxic shock toxin	NC_007622.1
	<i>tst1</i> ("bovine" allele, from RF122)	Virulence		
	<i>sea</i>	Virulence	enterotoxin A	BA000017.4
<i>sea</i>	<i>sea</i> (320E)	Virulence	enterotoxin A	CP001996.1
	<i>sea</i> (N315)	Virulence	enterotoxin A	BA000018.3
<i>seb</i>	<i>seb</i>	Virulence	enterotoxin B	CP000046.1
<i>sec</i>	<i>sec</i>	Virulence	enterotoxin C	BA000017.4
<i>sed</i>	<i>sed</i>	Virulence	enterotoxin D	M28521.1
<i>see</i>	<i>see</i>	Virulence	enterotoxin E	M21319.1
<i>seg</i>	<i>seg</i>	Virulence	enterotoxin G	AB016487.1
<i>seh</i>	<i>seh</i>	Virulence	enterotoxin H	AY345144.1
<i>sei</i>	<i>sei</i>	Virulence	enterotoxin I	BA000017.4
<i>sej</i>	<i>sej</i>	Virulence	enterotoxin J	AB075606.1
<i>sek</i>	<i>sek</i>	Virulence	enterotoxin K	CP000046.1
<i>sel</i>	<i>sel</i>	Virulence	enterotoxin L	BA000017.4
<i>sem</i>	<i>selm</i>	Virulence	enterotoxin-like N	BA000017.4
	<i>seln</i> (consensus)	Virulence	enterotoxin-like N	BA000017.4
<i>sen</i>	<i>seln</i> (other than RF122)	Virulence	enterotoxin-like N	AJ938182.1
<i>seo</i>	<i>selo</i>	Virulence	enterotoxin-like O	BA000017.4
<i>seq</i>	<i>seq</i>	Virulence	enterotoxin Q	CP000046.1
<i>ser</i>	<i>ser</i>	Virulence	enterotoxin R	AB075606.1
<i>seu</i>	<i>selu</i>	Virulence	enterotoxin-like U	BA000017.4
excluded	<i>egc</i> (total)	Virulence		
<i>ORF CM14</i>	<i>ORF CM14_probe1</i>	Virulence	putative	AJ938182.1
	<i>ORF CM14_probe2</i>	Virulence	enterotoxin	
	<i>ssl01/set6_probe1_11</i>	Virulence		CP000046.1
	<i>ssl01/set6_probe2_11</i>	Virulence		BX571856.1
	<i>ssl01/set6_probe1_12</i>	Virulence		BA000017.4
	<i>ssl01/set6_probe2_12</i>	Virulence		BA000033.2
	<i>ssl01/set6_probeRF122</i>	Virulence		AJ938182.1
<i>ssl01</i>	<i>ssl01/set6_probe4_11</i>	Virulence	<i>ssl01</i>	
	<i>ssl01/set6</i> (COL)	Virulence		
	<i>ssl01/set6</i> (Mu50+N315)	Virulence		
	<i>ssl01/set6</i> (MW2+MSSA476)	Virulence		
	<i>ssl01/set6</i> (MRSA252)	Virulence		
	<i>ssl01/set6</i> (RF122)	Virulence		
	<i>ssl01/set6</i> (other alleles)	Virulence		
<i>ssl02</i>	<i>ssl02/set7</i>	Virulence	<i>ssl02</i>	CP000046.1
	<i>ssl02/set7</i> (MRSA252)	Virulence		BX571856.1
	<i>ssl03/set8_probe 1</i>	Virulence		CP000046.1
<i>ssl03</i>	<i>ssl03/set8_probe 2</i>	Virulence	<i>ssl03</i>	AJ938182.1
	<i>ssl03/set8</i> (MRSA252, SAR0424)	Virulence		BX571856.1
	<i>ssl04/set9</i>	Virulence	<i>ssl04</i>	CP000046.1
<i>ssl04</i>	<i>ssl04/set9</i> (MRSA252, SAR025)	Virulence		BX571856.1

	<i>ssl05/set3_probe 1</i>	Virulence		BA000017.4
<i>ssl05</i>	<i>ssl05/set3 (RF122, probe-611)</i>	Virulence	<i>ssl05</i>	AJ938182.1
	<i>ssl05/set3 (MRSA252)</i>	Virulence		BX571856.1
	<i>ssl05/set3_probe 2 (612)</i>	Virulence		
<i>ssl06</i>	<i>ssl06/set21</i>	Virulence	<i>ssl06</i>	BX571857.1
	<i>ssl06 (NCTC8325+MW2)</i>	Virulence		BA000033.2
	<i>ssl07/set1</i>	Virulence		BA000017.4
<i>ssl07</i>	<i>ssl07/set1 (MRSA252)</i>	Virulence	<i>ssl07</i>	BX571856.1
	<i>ssl07/set1 (AF188836)</i>	Virulence		AF188836
<i>ssl08</i>	<i>ssl08/set12_probe 1</i>	Virulence	<i>ssl08</i>	BA000017.4
	<i>ssl08/set12_probe 2</i>	Virulence		AJ938182.1
<i>ssl09</i>	<i>ssl09/set5_probe 1</i>	Virulence	<i>ssl09</i>	CP000046.1
	<i>ssl09/set5_probe 2</i>	Virulence		
	<i>ssl09/set5 (MRSA252)</i>	Virulence		BX571856.1
	<i>ssl10/set4</i>	Virulence		CP000046.1
<i>ssl10</i>	<i>ssl10 (RF122)</i>	Virulence	<i>ssl10</i>	AJ938182.1
	<i>ssl10/set4 (MRSA252)</i>	Virulence		BX571856.1
	<i>ssl11/set2 (COL)</i>	Virulence		CP000046.1
<i>ssl11</i>	<i>ssl11+set2(Mu50+N315)</i>	Virulence	<i>ssl11</i>	BA000017.4
	<i>ssl11+set2(MW2+MSSA476)</i>	Virulence		BA000033.2
	<i>ssl11/set2 (MRSA252)</i>	Virulence		BX571856.1
<i>setB3</i>	<i>setB3</i>	Virulence	<i>setB3</i>	CP000046.1
	<i>setB3 (MRSA252)</i>	Virulence		BX571856.1
<i>setB2</i>	<i>setB2</i>	Virulence	<i>setB2</i>	CP000046.1
	<i>setB2 (MRSA252)</i>	Virulence		BX571856.1
<i>setB1</i>	<i>setB1</i>	Virulence	<i>setB1</i>	CP000046.1
<i>setC</i>	<i>setC/selx</i>	Virulence	<i>setC</i>	CP000046.1
<i>hlgA</i>	<i>hlgA</i>	Virulence		CP000046.1
<i>hlgB</i>	<i>lukF</i>	Virulence		CP000046.1
<i>hlgC</i>	<i>lukS</i>	Virulence	hemolysin gamma	CP000046.1
	<i>lukS (ST22+ST45)</i>	Virulence		EF672356.1
<i>lukF-PV</i>	<i>lukF-PV</i>	Virulence	Panton-Valentine	AB006796.1
<i>lukS-PV</i>	<i>lukS-PV</i>	Virulence	leukocidin	AB006796.1
<i>lukF-PV83</i>	<i>lukF-PV (P83)</i>	Virulence	leukocidin	AB044554.1
<i>lukM</i>	<i>lukM</i>	Virulence		AB044554.1
<i>lukD</i>	<i>lukD</i>	Virulence	leukocidin D	CP000046.1
<i>lukE</i>	<i>lukE</i>	Virulence	leukocidin E	CP000046.1
<i>lukX</i>	<i>lukX</i>	Virulence	putative leukocidin	CP000046.1
<i>lukY</i>	<i>lukY</i>	Virulence	putative	CP000046.1
	<i>lukY (ST30+ST45)</i>	Virulence	leukocidin	BX571856.1
<i>hl</i>	<i>hl</i>	Virulence	putative hemolysin	CP000046.1
<i>hla</i>	<i>hla</i>	Virulence	alpha-hemolysin	CP000046.1
<i>hlIII</i>	<i>hlIII (consensus)</i>	Virulence	hemolysin III	CP000046.1
	<i>hlIII (other than RF122)</i>	Virulence		AJ938182.1
	<i>hlb_probe 1</i>	Virulence		
excluded	<i>hlb_probe 2</i>	Virulence	beta hemolysin	
	<i>hlb_probe 3</i>	Virulence		
<i>hlb-intact</i>	<i>un-disrupted hlb</i>	Virulence		CP000046.1
<i>sak</i>	<i>sak</i>	Virulence	staphylokinase	BA000017.4
<i>chp</i>	<i>chp</i>	Virulence	chemotaxis inhibitory protein	
			CHIPS	BX571856.1
<i>scn</i>	<i>scn</i>	Virulence	staphylococcal complement	
			inhibitor SCIN	BA000017.4
<i>etA</i>	<i>etA</i>	Virulence	serine protease /	AP001553.1
<i>etB</i>	<i>etB</i>	Virulence	exfoliative toxin	AP003088.1
<i>etD</i>	<i>etD</i>	Virulence		AB057421.1
<i>edinA</i>	<i>edinA</i>	Virulence		M63917.1
<i>edinB</i>	<i>edinB</i>	Virulence	epidermal cell differentiation	
<i>edinC</i>	<i>edinC</i>	Virulence	inhibitor	AB057421.1
excluded	<i>ACME (total)</i>	Virulence		AP003088.1
<i>arcA</i>	<i>arcA-SCC</i>	Virulence	arginine deiminase	AE015929.1
<i>arcB</i>	<i>arcB-SCC</i>	Virulence	ornithine	AE015929.1
<i>arcC</i>	<i>arcC-SCC</i>	Virulence	carbamoyltransferase	
<i>arcD</i>	<i>arcD-SCC</i>	Virulence	carbamate kinase	AE015929.1
			arginine/ornithine	AE015929.1
			antiporter	
<i>aur</i>	<i>aur (consensus)</i>	Virulence		CP000046.1
	<i>aur (other than MRSA252)</i>	Virulence	aureolysin	
	<i>aur (MRSA252)</i>	Virulence		BX571856.1
<i>splA</i>	<i>splA</i>	Virulence	serine protease SplA	CP000046.1

<i>splB</i>	<i>splB</i>	Virulence	serine protease SplB	CP000046.1
<i>splE</i>	<i>splE</i>	Virulence	serine protease SplE	CP000046.1
<i>sspA</i>	<i>sspA</i>	Virulence	glutamyl endopeptidase	CP000046.1
<i>sspB</i>	<i>sspB</i>	Virulence	staphopain B	CP000046.1
<i>sspP</i>	<i>sspP (consensus)</i>	Virulence	staphopain A	CP000046.1
excluded	<i>sspP (other than ST93)</i>	Virulence		
<i>cap1H</i>	<i>cap1 (total)</i>	Virulence		
<i>cap1J</i>	<i>capH1</i>	Virulence	capsular polysaccharide synthesis enzyme 1	U10927.2
<i>cap1K</i>	<i>capJ1</i>	Virulence		U10927.2
excluded	<i>capK1</i>	Virulence		U10927.2
<i>cap5H</i>	<i>cap 5 (total)</i>	Virulence		
<i>cap5J</i>	<i>capH5</i>	Virulence	capsular polysaccharide synthesis enzyme 5	CP000046.1
<i>cap5K</i>	<i>capJ5</i>	Virulence		CP000046.1
excluded	<i>capK5</i>	Virulence		CP000046.1
<i>cap8H</i>	<i>cap 8 (total)</i>	Virulence		
<i>cap8I</i>	<i>capH8</i>	Virulence	capsular polysaccharide synthesis enzyme 8	BX571856.1
<i>cap8J</i>	<i>capI8</i>	Virulence		BX571856.1
<i>cap8K</i>	<i>capJ8</i>	Virulence		BX571856.1
	<i>capK8</i>	Virulence		BX571856.1
<i>icaA</i>	<i>icaA</i>	Virulence	intercellular adhesion protein A	CP000046.1
<i>icaC</i>	<i>icaC</i>	Virulence	intercellular adhesion protein C	CP000046.1
<i>icaD</i>	<i>icaD</i>	Virulence	intercellular adhesion protein D	CP000046.1
	<i>hysA1 (MRSA252)</i>	Virulence		BX571856.1
	<i>hysA1 (MRSA252+RF122) and/or hysA2 (consensus)</i>	Virulence		CP000046.1
<i>hysA</i>	<i>hysA1 (MRSA252+RF122) and/or hysA2 (COL+USA300)</i>	Virulence	hyaluronate lyase	
	<i>hysA2 (all other than MRSA252)</i>	Virulence		
	<i>hysA2 (COL+USA300+NCTC8325)_probe1</i>	Virulence		
	<i>hysA2 (MRSA252)</i>	Virulence		
<i>bap</i>	<i>bap</i>	Virulence	biofilm-associated surface protein	AY220730.1
<i>fib</i>	<i>fib</i>	Virulence	fibrinogen-binding protein	CP000046.1
	<i>fib (MRSA252)</i>	Virulence		BX571856.1
<i>ebh</i>	<i>ebh (consensus)</i>	Virulence	extracellular matrix-binding protein homologue	CP000046.1
<i>eno</i>	<i>eno</i>	Virulence	Enolase	CP000046.1
	<i>ebpS (total)</i>	Virulence		CP000046.1
<i>ebpS</i>	<i>ebpS_probe 612</i>	Virulence		
	<i>ebpS_probe 614</i>	Virulence	elastin-binding protein	
	<i>ebpS (01-1111)</i>	Virulence		
	<i>ebpS (COL)</i>	Virulence		
	<i>vwB (total)</i>	Virulence		CP000046.1
	<i>vwB (consensus)</i>	Virulence		BA000017.4
<i>vwB</i>	<i>vwB (COL+MW2)</i>	Virulence	von Willebrand factor-binding protein	AJ938182.1
	<i>vwB (MRSA252)</i>	Virulence		
	<i>vwB (Mu50)</i>	Virulence		
	<i>vwB (RF122)</i>	Virulence		
	<i>map (total)</i>	Virulence	extracellular adhesive protein	CP000046.1
<i>map</i>	<i>map (COL)</i>	Virulence	//	BX571856.1
	<i>map (MRSA252)</i>	Virulence	MHC class II analogous protein	BA000017.4
	<i>map (Mu50+MW2)</i>	Virulence		
<i>cna</i>	<i>cna</i>	Virulence	collagen binding adhesin	BX571856.1
	<i>fnbA (total)</i>	Virulence		NC_002951
	<i>fnbA (consensus)</i>	Virulence		NC_002952
<i>fnbA</i>	<i>fnbA (COL)</i>	Virulence	fibronectin-binding protein A	NC_003923
	<i>fnbA (MRSA252)</i>	Virulence		NC_007622
	<i>fnbA (Mu50+MW2)</i>	Virulence		
	<i>fnbA (RF122)</i>	Virulence		
	<i>fnbB (total)</i>	Virulence		NC_002951
	<i>fnbB (COL)</i>	Virulence		NC_002758
	<i>fnbB (COL+Mu50+MW2)</i>	Virulence		NC_003923
<i>fnbB</i>	<i>fnbB (Mu50)</i>	Virulence	fibronectin-binding protein B	NC_002953
	<i>fnbB (MW2)</i>	Virulence		NC_016928
	<i>fnbB (ST15)</i>	Virulence		

	<i>fnbB (ST45-2)</i>	Virulence			
	<i>sasG (total)</i>	Virulence			
<i>sasG</i>	<i>sasG (COL+Mu50)</i>	Virulence	<i>S. aureus</i> surface protein G	CP000046.1	
	<i>sasG (MW2)</i>	Virulence		NC_003923	
	<i>sasG (other than MRSA252+RF122)</i>	Virulence			
<i>clfA</i>	<i>clfA (total)</i>	Virulence	Clumping factor A	NC_002951	
	<i>clfA (consensus)</i>	Virulence		NC_002952	
	<i>clfA (COL+RF122)</i>	Virulence		NC_003923	
	<i>clfA (MRSA252)</i>	Virulence			
	<i>clfA (Mu50+MW2)</i>	Virulence			
<i>clfB</i>	<i>clfB (total)</i>	Virulence	Clumping factor B	NC_002951	
	<i>clfB (consensus)</i>	Virulence		NC_003923	
	<i>clfB (COL+Mu50)</i>	Virulence		NC_007622	
	<i>clfB (MW2)</i>	Virulence			
	<i>clfB (RF122)</i>	Virulence			
<i>sdrC</i>	<i>sdrC (total)</i>	Virulence	SD-repeats-protein C (Serine-Aspartic acid)	NC_002951	
	<i>sdrC (consensus)</i>	Virulence		NC_003923	
	<i>sdrC (B1)</i>	Virulence		NC_002952	
	<i>sdrC (COL)</i>	Virulence			
	<i>sdrC (Mu50)</i>	Virulence			
	<i>sdrC (MW2+MRSA252+RF122)</i>	Virulence			
	<i>sdrC (other than MRSA252+RF122)</i>	Virulence			
<i>sdrD</i>	<i>sdrD (total)</i>	Virulence	SD-repeats-protein D (Serine-Aspartic acid)	NC_002951	
	<i>sdrD (consensus)</i>	Virulence		NC_002758	
	<i>sdrD (COL+MW2)</i>	Virulence			
	<i>sdrD (Mu50)</i>	Virulence			
	<i>sdrD (other)</i>	Virulence			
<i>sdrE</i>	<i>bbp (total)</i>	Virulence	SD-repeats-protein E / bone sialoprotein-binding protein	NC_002951	
	<i>bbp (consensus)</i>	Virulence		NC_002758	
	<i>bbp (COL+MW2)</i>	Virulence			
	<i>bbp (MRSA252)</i>	Virulence			
	<i>bbp (Mu50)</i>	Virulence			
<i>isaB</i>	<i>isaB (RF122)</i>	Virulence			
	<i>isaB (ST45)</i>	Virulence			
	<i>isaB</i>	Virulence	immunodominant antigen B	CP000046.1	
<i>isaB (MRSA252)</i>	Virulence	BX571856.1			
<i>isdA</i>	<i>isdA (consensus)</i>	Virulence	iron-regulated surface protein A	CP000046.1	
	<i>isdA (MRSA252)</i>	Virulence		BX571856.1	
	<i>isdA (other than MRSA252)</i>	Virulence			

References

1. Monecke S, Coombs G, Shore AC, Coleman DC, Akpaka P, Borg M, Chow H, Ip M, Jatzwauk L, Jonas D, Kadlec K, Kearns A, Laurent F, O'Brien FG, Pearson J, Ruppelt A, Schwarz S, Scicluna E, Slickers P, Tan HL, Weber S, Ehrlich R. 2011. A field guide to pandemic, epidemic and sporadic clones of methicillin-resistant *Staphylococcus aureus*. PLoS One 6:e17936.