

Supplemental Data Table S6. Normalized fluorescence levels (ΔR_n values) and Ct values for four SNPs using 20-fold dilutions of genomic DNA of *Staphylococcus aureus* Mu50

DNA input (ng)	SA_RS01235				SA_RS09725				SA_RS12250				SA_RS12550			
	ΔR_n		Ct		ΔR_n		Ct		ΔR_n		Ct		ΔR_n		Ct	
	Allele 1	Allele 2	Allele 1	Allele 2	Allele 1	Allele 2	Allele 1	Allele 2	Allele 1	Allele 2	Allele 1	Allele 2	Allele 1	Allele 2	Allele 1	Allele 2
100	0.6	1.8	10.6	8.5	0.6	6.0	13.0	7.9	0.6	6.5	12.6	8.3	0.6	3.1	13.6	10.5
90	0.6	1.7	13.8	11.4	0.6	5.0	14.5	9.5	0.6	6.7	12.6	7.6	0.6	3.0	13.7	10.4
80	0.5	1.5	13.2	10.4	0.7	5.2	13.5	6.8	0.6	6.0	13.4	9.8	0.4	2.4	14.0	10.3
70	0.5	1.4	14.1	12.1	0.7	5.3	14.7	7.2	0.6	6.1	15.1	11.0	0.4	2.4	14.1	11.2
60	0.5	1.4	14.6	12.4	0.7	5.2	15.8	10.8	0.7	6.5	15.1	10.9	0.4	2.2	14.6	11.3
50	0.5	1.4	15.0	12.1	0.6	4.9	16.7	10.7	0.7	6.4	15.5	12.0	0.4	2.4	15.0	11.1
40	0.7	1.6	13.4	11.5	0.6	5.1	16.9	11.4	0.7	5.9	16.6	12.0	0.4	2.4	14.4	11.5
30	0.5	1.5	14.7	11.7	0.7	5.4	14.9	10.4	0.5	5.0	17.6	13.1	0.4	2.5	14.8	11.6
20	0.6	1.6	13.0	10.3	0.6	5.1	17.4	12.4	0.5	5.0	19.0	14.6	0.5	2.8	15.7	12.3
10	0.6	1.6	12.7	10.7	0.6	5.1	21.2	16.1	0.5	5.0	20.9	16.4	0.5	2.6	15.7	12.7
1	0.6	1.6	15.4	13.6	0.7	4.8	21.6	15.9	0.6	4.9	21.8	17.6	0.4	2.4	16.4	13.6
0.9	0.5	1.5	20.9	18.5	0.6	4.7	22.0	16.8	0.4	4.2	22.0	18.2	0.4	2.2	18.0	13.6
0.8	0.5	1.5	20.6	18.1	0.0	4.7	22.2	16.6	0.7	5.8	22.3	17.8	0.5	2.6	17.6	14.1
0.7	0.4	1.3	21.3	18.3	0.7	4.7	22.6	17.7	0.6	6.0	22.3	18.0	0.4	2.4	18.3	15.2
0.6	0.5	1.3	21.5	18.8	0.7	4.7	22.9	17.7	0.8	6.0	22.3	18.4	0.5	2.5	19.6	16.6
0.5	0.4	1.3	22.2	19.3	0.6	4.8	23.2	17.3	0.5	6.0	23.6	19.9	0.5	2.8	21.3	18.4
0.4	0.1	1.2	22.4	19.9	0.7	5.0	23.3	18.4	0.5	5.0	23.7	19.7	0.5	2.9	22.5	20.0
0.3	0.4	1.1	22.3	19.0	0.7	4.9	24.6	18.2	0.5	5.1	23.9	19.4	0.5	2.9	23.6	20.0
0.2	0.4	1.1	24.2	21.1	0.5	4.4	25.8	22.1	0.5	5.3	24.4	20.3	0.5	2.7	24.6	21.1
0.1	0.4	1.3	25.2	22.1	0.5	4.1	27.5	24.1	0.6	5.1	25.8	21.6	0.4	2.4	25.7	22.9
0	0.1	0	U	U	0.1	0.2	36.6	37.3	0.1	0.2	34.5	30.4	0.1	0	U	U

Abbreviations: SNP, single-nucleotide polymorphism; Ct, threshold cycle; U, undetermined.