

Table 3. Genome comparison and epidemiology characterization of MRSA isolates.

Isolate number	CPT MIC ($\mu\text{g/ml}$) ^a	Time frame (days/weeks) ^b	Genome comparison ^c			MLST	<i>spa</i>		SCC <i>mec</i> type
			SNPs	InDels	Total		Ridom	Kreiswirth	
1	0. 5/1/1	NA	NA	NA	NA	5	t002	TJMBMDMGMK	II
2	1/1/1	578 / 82	190	65	255	5	t002	TJMBMDMGMK	II
3	4/4/4	793 / 113	743	279	1,022	5	t002	TJMBMDMGMK	II
4	4/4/4	951 / 135	750	131	881	5	t002	TJMBMDMGMK	II
5	2/4/4	1,032 / 147	877	280	1,157	5	t002	TJMBMDMGMK	II

a. CPT = ceftaroline; CPT MIC results at JMI Laboratories (North Liberty, IA, USA) using reference broth microdilution method.

b. Period in days and weeks after recovery of baseline MRSA isolate.

b. Number of single nucleotide polymorphisms (SNPs), insertions and deletions compared with baseline genome.