

Table 2. Comparison of general features of the whole genome sequenced staphylococci

Chromosome	<i>Staphylococcus saprophyticus</i>	<i>Staphylococcus aureus</i>							<i>Staphylococcus epidermidis</i>	
	ATCC15305	N315	Mu50	MW2	COL	MRSA252	MSSA476	ATCC12228	RP62A	
Length bp	2516575	2814816	2878529	2820462	2809422	2902619	2799802	2499279	2616530	
G+C content of genome	33.2	32.8	32.9	32.8	32.8	32.8	32.9	32.1	32.2	
Coding region:Total	2106915	2352201	2412507	2359938	2323101	2373315	2294757	2093049	2162487	
Coding region:G+C	716681	789291	809980	790482	778482	795828	769376	689856	712223	
G+C content of the protein coding regions	34.0	33.6	33.6	33.5	33.5	33.5	33.5	33.0	32.9	
Number of ORFs assigned	2446	2593	2699	2632	2615	2656	2579	2419	2494	
Average ORF size	861.4	907.1	893.9	896.6	888.4	893.6	889.8	865.3	867.1	
Percentage of the coding regions	83.7	83.6	83.8	83.7	82.7	81.8	82.0	83.7	82.6	
non-coding:Total	377451	434829	438501	428387	454190	496763	467917	378968	420612	
non-coding:G+C	103202	120834	122224	118926	127044	140377	132004	98095	111803	
G+C content of the non-coding regions	27.3	27.8	27.9	27.8	28.0	28.3	28.2	25.9	26.6	
rRNA:Total	27199	22635	22635	27139	27673	23082	27673	22619	27661	
rRNA:G+C	13786	11440	11440	13719	13942	11634	13946	11534	14074	
G+C content of the rRNA coding regions	50.7	50.5	50.5	50.6	50.4	50.4	50.4	51.0	50.9	
tRNA:Total	4649	4792	4527	4639	4099	4639	4636	4643	4736	
tRNA:G+C	2666	2758	2592	2660	2357	2660	2655	2663	2706	
G+C content of the tRNA coding regions	57.3	57.6	57.3	57.3	57.5	57.3	57.3	57.4	57.1	
tmRNA:Total	361	359	359	359	359	359	359		359	
tmRNA:G+C	171	161	161	159	158	159	159		160	
G+C content of the tmRNA coding regions	47.4	44.8	44.8	44.3	44.0	44.3	44.3		44.6	
Number of 5SrRNA	8	6	6	7	7	4	7	6	7	
Number of 16SrRNA	6	5	5	6	6	5	6	5	6	
Number of 23SrRNA	6	5	5	6	6	5	6	5	6	
Number of tRNA	60	62	60	60	53	60	60	60	61	
Number of tmRNA	1	1	1	1	1	1	1	0	1	
Number of unknownRNA	0	0	0	0	0	24	24	0	2	

Plasmid	<i>Staphylococcus saprophyticus</i> pSSP1
Length bp	38454
G+C content of genome	30.8
Coding region:Total	31569
Coding region:G+C	9972
G+C content of the protein coding regions	31.6
Number of ORFs assigned	45
Average ORF size	701.5
Percentage of the coding regions	82.1
non-coding:Total	6885
non-coding:G+C	1854
G+C content of the non-coding regions	26.9
	<i>Staphylococcus saprophyticus</i> pSSP2
Length bp	22870
G+C content of genome	31.3
Coding region:Total	16704
Coding region:G+C	5427
G+C content of the protein coding regions	32.5
Number of ORFs assigned	23
Average ORF size	726.3
Percentage of the coding regions	73.0
non-coding:Total	6166
non-coding:G+C	1741
G+C content of the non-coding regions	28.2