

Supplementary Materials: Nasal Colonization of Humans with Occupational Exposure to Raw Meat and to Raw Meat Products with Methicillin-Susceptible and Methicillin-Resistant *Staphylococcus aureus*

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Table 1. Prevalence and factors associated with nasal *S. aureus* carriage

Table S2. Distribution of spa-types and clonal complexes among *S. aureus* from butchers and meat sellers, and from cooks.

Clonal Complex	All No. 130	Isolates from Butchers/Meat Sellers		Isolates from Cooks No. spa-Types 53
		No. spa-Types 77	No. spa-Types	
CC1	3 (0.8%)	3 (4%) t127 (1)		
CC5	7 (5.4%)	5 (7%) t002 (3), t1265 (1), t1794 (1)		2 (3.8%) t002 (2)
CC7	16 (13.0%)	10 (13%) t091(9), t1943 (1)		6 (13.2%) t091 (5), t2932 (1)
CC8	13 (11.7%)	9 (12%) t008 (7), t121 (2),		4 (11.3%) t008 (4), t190 (1), t292 (1)
CC9	1 (0.8%)	1 (1.3%) t209 (1)		
CC15	25 (19.2%)	9 (15%) t084 (5), t346 (1), t499 (1) t15546 (1), t5497 (1)		16 (24.5%) t084 (9), t346 (3), t491 (1), t499 (1), t15664 (1), t15712 (1)
CC22	21 (14.8%)	15 (19%) t005 (8), t006 (1), t032 (2), t223 (1), t417 (1), t310 (1), t17201 (1)		6 (13.2%) t005 (4), t449 (1), t420 (1)
CC30	15 (11.7%)	11(14%) t012 (4), t018 (2), t021 (1), t122 (1), t253 (1), t789 (1) t1827(1)		4 (7.5%) t012 (2), t021 (1), t338 (1)
CC34	4 (3.1%)	2 (3%) t089 (1), t166 (1)		2 (3.7 %) t089 (1), t136 (1)
CC45	16 (12.5%)	8 (11%) t015 (4), t073 (2), t505 (1), t1460 (1)		8 (15%) t004 (1), t015 (3), t073 (2), t331 (1), t15726 (1)
ST101	2 (1.6%)	1 (1.3%) t056 (1)		1 (1.9%) t056 (1)
CC121	2 (1.6%)	1 (1.3%) t159 (1)		1 (1.9%) t159 (1)
CC182	1 (1%)	1 (1.3%) t493 (1)		
CC398	4 (3.1%)	1 (1.3%) t571 (1)		3 (5.7%) t571 (1), t1451 (2)

Table S3. Results from PCR for attribution to animal adapted subpopulations.

CC (n)	Spa-types (n)	IEC						SAPIAv	lukM	Seo131	Canonical SNP in SAPIG	
		Int3	sak	chp	scn	sea	sep				C (human)	T (animal)
5 (7)	t002 (3)	+	+	+	+	-	-	-	n.d.	n.d.	n.d.	n.d.
	t002 (1)	+	+	-	+	-	-	-	n.d.	n.d.	n.d.	n.d.
	t002 (1)	+	+	-	-	+	-	-	n.d.	n.d.	n.d.	n.d.
	t1265 (1)	+	+	-	+	-	-	-	n.d.	n.d.	n.d.	n.d.
	t1794 (1)	+	+	-	+	-	-	-	n.d.	n.d.	n.d.	n.d.
7 (16)	t091 (5)	+	+	-	+	-	-	n.d.	n.d.	n.d.	n.d.	n.d.
	t091 (3)	+	+	-	-	+	+	n.d.	n.d.	n.d.	n.d.	n.d.
	t091 (1)	+	-	+	+	-	-	n.d.	n.d.	n.d.	n.d.	n.d.
	t091 (3)	+	+	+	+	-	-	n.d.	n.d.	n.d.	n.d.	n.d.
	t091 (3)	-	-	-	-	-	-	n.d.	n.d.	n.d.	n.d.	n.d.
	t2932 (1)	+	+	-	-	-	-	n.d.	n.d.	n.d.	n.d.	n.d.
8 (13)	t008 (1)	+	+	-	+	+	-	n.d.	-	-	n.d.	n.d.
	t008 (5)	+	+	-	+	-	-	n.d.	-	-	n.d.	n.d.
	t008 (3)	+	+	+	+	-	-	n.d.	-	-	n.d.	n.d.
	t121 (2)	+	+	-	+	-	-	n.d.	-	-	n.d.	n.d.
	t190 (1)	+	-	+	+	+	-	n.d.	-	-	n.d.	n.d.
	t292 (1)	+	+	-	+	-	-	n.d.	-	-	n.d.	n.d.
9 (1)	t209	+	+	+	+	-	-					
398 (4)	t571 (2)	+	-	+	+	-	-	n.d.	n.d.	n.d.	+	-
	t1451 (2)	+	+	+	+	-	-	n.d.	n.d.	n.d.	+	-

n.d. = not determined.