

Acquisition Risk Factors of the SCC_{mec} IX- Methicillin-resistant *Staphylococcus aureus* in Swine Production Personnel in Chiang Mai and Lamphun Provinces, Thailand

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Supplementary Data

Table S1. The sampling sites, locations and sample code of 202 swine production personnel.

Sampling sites*	Locations	No. of SPP (SPP code)
A	Muang district, Lamphun	4 (A1, A2, A3, A4)
B	Muang district, Lamphun	4 (B1, B2, B3, B4)
C	Muang district, Lamphun	2 (C1, C2)
D	Muang district, Lamphun	5 (D1, D2, D3, D4, D5)
E	Muang district, Lamphun	3 (E1, E2, E3)
F	Muang district, Lamphun	1 (F1)
G	Muang district, Lamphun	1 (G1)
H	Muang district, Lamphun	1 (H1)
I	Muang district, Lamphun	2 (I1, I2)
J	Muang district, Lamphun	2 (J1, J2)
K	Muang district, Lamphun	1 (K1)
L	Muang district, Lamphun	2 (L1, L2)
M	Muang district, Lamphun	1 (M1)
N	Muang district, Lamphun	1 (N1)
O	Muang district, Lamphun	1 (O1)
P	Muang district, Lamphun	6 (P1, P2, P3, P4, P5, P6)

Q	Muang district, Lamphun	1 (Q1)
R	Muang district, Lamphun	1 (R1)
S	Muang district, Lamphun	1 (S1)
T	Muang district, Lamphun	7 (T1, T2, T3, T4, T5, T6, T7)
U	Mae Rim district, Chiang Mai	6 (U1, U2, U3, U4, U5, U6)
V	Mae Rim district, Chiang Mai	2 (V1, V2)
W	San Sai district, Chiang Mai	46 (W1, W2, W3, W4, W5, W6, W7, W8, W9, W10, W11, W12, W13, W14, W15, W16, W17, W18, W19, W20, W21, W22, W23, W24, W25, W26, W27, W28, W29, W30, W31, W32, W33, W34, W35, W36, W37, W38, W39, W40, W41, W42, W43, W44, W45, W46)
X	Muang district, Lamphun	14 (X1, X2, X3, X4, X5, X6, X7, X8, X9, X10, X11, X12, X13, X14)
Y	Muang district, Lamphun	4 (Y1, Y2, Y3, Y4)
Z	Pa Sang district, Lamphun	2 (Z1, Z2)
AA	Chom Thong district, Chiang Mai	41 (AA1, AA2, AA3, AA4, AA5, AA6, AA7, AA8, AA9, AA10, AA11, AA12, AA13, AA14, AA15, AA16, AA17, AA18, AA19, AA20, AA21, AA22, AA23, AA24, AA25, AA26, AA27, AA28, AA29, AA30, AA31, AA32, AA33, AA34, AA35, AA36, AA37, AA38, AA39, AA40, AA41)
AB	Muang district, Lamphun	4 (AB1, AB2, AB3, AB4)
AC	Chom Thong district, Chiang Mai	9 (AC1, AC2, AC3, AC4, AC5, AC6, AC7, AC8, AC9)
AD	Muang district, Lamphun	2 (AD1, AD2)
AE	Muang district, Lamphun	1 (AE1)
AF [†]	Muang district, Chiang Mai	21 (AF1, AF2, AF3, AF4, AF5, AF6, AF7, AF8, AF9, AF10, AF11, AF12, AF13, AF14, AF15, AF16, AF17, AF18, AF19, AF20, AF21)
AG [‡]	Muang district, Lamphun	1 (AG1)
Total		202

No., Number; SPP, swine production personnel

- A-AE: swine farms A-AE

[†] AF: the group of veterinarians and veterinary students who not routinely work at particular swine farm

[‡] AG: the group of workers who was working at the slaughterhouse

Table S2. The accumulated resistance of 59 MRSA isolates from SPP.

No. of antimicrobial classes	Accumulated Resistance	
	No. of MRSA isolates	Percentage
10	1	1.69
9	8	13.56
8	26	44.07
7	43	72.88
6	48	81.36
5	55	93.22
4	56	94.92
3	59	100.00



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