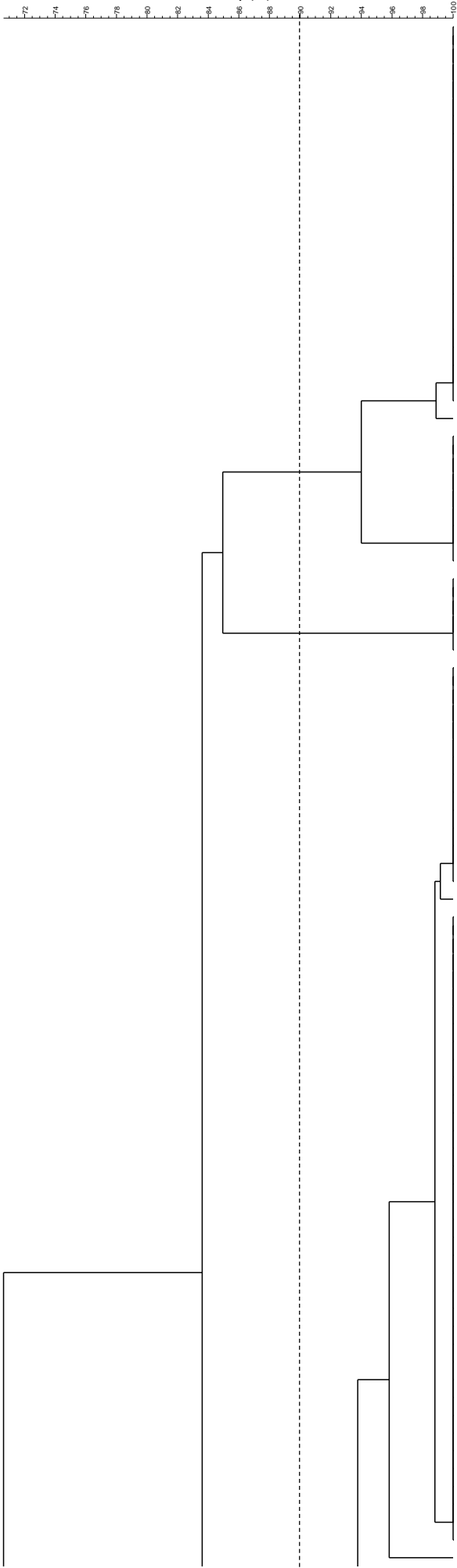


Similarity (%)



Isolate ID	Farm ID	Source	<i>spa</i> type	SCC <i>mec</i> type	Rep-PCRcluster
01CZ001M	01CZ	Swine	t011	V	A
01CZ002M	01CZ	Swine	t011	V	
01CZ003M	01CZ	Swine	t011	V	
01CZ003U	01CZ	Human	t011	V	
01CZ004M	01CZ	Swine	t011	V	
01CZ005M	01CZ	Swine	t011	V	
01CZ006M	01CZ	Swine	t011	V	
01CZ007M	01CZ	Swine	t011	V	
01CZ009M	01CZ	Swine	t011	V	
01CZ011M	01CZ	Swine	t011	V	
03CZ010M	03CZ	Swine	t034	V	
07KR010M	07KR	Swine	t011	V	
07KR012M	07KR	Swine	t011	V	
07KR013M	07KR	Swine	t011	V	
07KR014M	07KR	Swine	t011	V	
07KR015M	07KR	Swine	t011	V	
07KR018M	07KR	Swine	t011	V	
07KR019M	07KR	Swine	t011	V	
29RC002U	29RC	Human	t034	V	
29RC003U	29RC	Human	t034	V	
29RC009M	29RC	Swine	t034	V	
29RC010M	29RC	Swine	t034	V	
• 32RC001U	32RC	Human	t034	V	
05CS001M	05CS	Swine	t011	V	
05CS008M	05CS	Swine	t011	V	
05CS009M	05CS	Swine	t011	V	
05CS010M	05CS	Swine	t011	V	
05CS012M	05CS	Swine	t011	V	
05CS013M	05CS	Swine	t011	V	
05CS019M	05CS	Swine	t011	V	
05CS020M	05CS	Swine	t011	V	
19RC001U	19RC	Human	t034	V	
19RC002U	19RC	Human	t034	V	
19RC007M	19RC	Swine	t1793	V	
19RC013M	19RC	Swine	t034	V	
19RC017M	19RC	Swine	t1793	V	
05CS011M	05CS	Swine	t1606	V	
18CS010M	18CS	Swine	t011	V	
05CS027M	05CS	Swine	t1606	V	
07KR001M	07KR	Swine	t011	V	
07KR002M	07KR	Swine	t011	V	
07KR003M	07KR	Swine	t011	V	
07KR005U	07KR	Human	t011	V	
07KR006M	07KR	Swine	t011	V	
18CS001M	18CS	Swine	t1184	V	
18CS002M	18CS	Swine	t011	V	
18CS004M	18CS	Swine	t011	V	
18CS005M	18CS	Swine	t011	V	
18CS008M	18CS	Swine	t011	V	
18CS006M	18CS	Swine	t1184	V	
• 01CZ001U	01CZ	Human	t011	V	
02CZ001M	02CZ	Swine	t108	V	
02CZ001U	02CZ	Human	t108	V	
02CZ002M	02CZ	Swine	t108	V	
02CZ003M	02CZ	Swine	t034	V	
02CZ003U	02CZ	Human	t899	IVc	
02CZ005M	02CZ	Swine	t034	V	
02CZ006M	02CZ	Swine	t034	V	
02CZ007M	02CZ	Swine	t034	V	
02CZ008M	02CZ	Swine	t108	V	
02CZ010M	02CZ	Swine	t899	IVc	
05CS002M	05CS	Swine	t1606	V	
05CS003M	05CS	Swine	t1606	V	
05CS003U	05CS	Human	t1606	V	
05CS004M	05CS	Swine	t5524	V	
05CS004U	05CS	Human	t011	V	
05CS006M	05CS	Swine	t1606	V	
05CS014M	05CS	Swine	t1606	V	
05CS015M	05CS	Swine	t1606	V	
05CS016M	05CS	Swine	t011	V	
05CS021M	05CS	Swine	t1606	V	
05CS023M	05CS	Swine	t1606	V	
05CS024M	05CS	Swine	t011	V	
05CS025M	05CS	Swine	t1606	V	
05CS026M	05CS	Swine	t1606	V	
05CS029M	05CS	Swine	t1606	V	
05CS030M	05CS	Swine	t1606	V	
07KR004M	07KR	Swine	t011	V	
07KR007M	07KR	Swine	t011	V	
07KR008M	07KR	Swine	t011	V	
07KR009M	07KR	Swine	t011	V	
07KR011M	07KR	Swine	t011	V	
07KR016M	07KR	Swine	t011	V	
18CS001U	18CS	Human	t034	V	
18CS002U	18CS	Human	t011	V	
18CS003U	18CS	Human	t011	V	
07KR017M	07KR	Swine	t011	V	

A

B

C

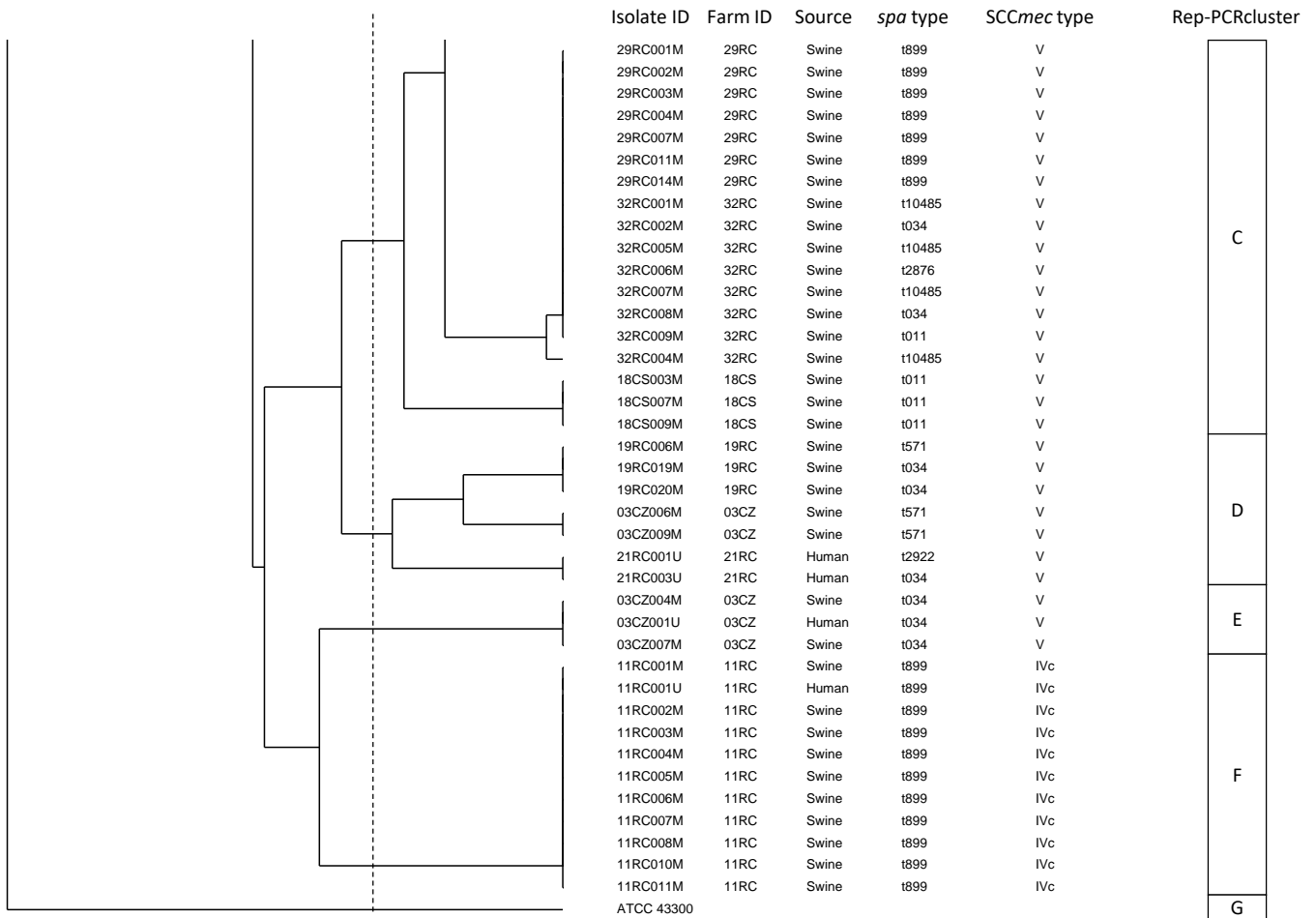


Figure S1. Rep-MP3 PCR analysis of MRSA isolates from workers (n=19) and swine (n=107). The dendrogram was generated with BioNumerics (Applied Maths) using the unweighted pair-group method with arithmetic averages (UPGMA) and the Dice coefficient. Boxes (A to F) denote clusters of isolates with a similar profile (>90% similarity). Human MRSA isolates (2/19) for which a correlation with swine isolates from the same farm has not been observed are marked with a black circle. *S. aureus* ATCC 43300 was included as outgroup for analysis.