

Frequency and Characterization of Antimicrobial Resistance and Virulence Genes of Coagulase-Negative Staphylococci from Wild Birds in Spain. Detection of *tst*-carrying *S. sciuri* Isolates.

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Table S1. Primer pairs used for the characterization of CoNS recovered from wild birds.

Target gene	Primer Sequence (5'-3')	Amplicon size (bp)	Reference
<i>optrA</i>	F: AGGTGGTCAGCGAACTAA R: ATCA ACTGTTCCCATTCA	1395	[1]
<i>poxA</i>	F: TCAATGCAGAGCAGGAAGCA R: GGTGGATTTACCGACACCGT	791	[2]
<i>cfr</i>	F: TGAAGTATAAAGCAGGTT GGGAGTCA R: ACCATATAATTGACCACA AGCAGC	746	[3]
<i>cfr(B)</i>	F: TGAGCATATACGAGTAACCTCAAGA R: CGCAAGCAGCGTCTATATCA	293	[4]
<i>cfr(D)</i>	F: AGAAGTCGCAACAAGTGAGGA R: GCAACTGCATGAGTCAAAGAA	595	[5]
<i>fexA</i>	F: GTACTTGTAGGTGCAATTACGGCTGA R: CGCATCTGAGTAGGACATAGCGTC	1272	[6]
<i>fexB</i>	F: TTCCCACTATTGGTGAAAGGAT R: GCAATTCCTTTTATGGACGTT	816	[7]
<i>cat_{pC194}</i>	F: CGACTTTTAGTATAACCACAGA R: GCCAGTCATTAGGCCTAT	579	[8]
<i>cat_{pC221}</i>	F: ATTTATGCAATTATGGAAGTTG R: TGAAGCATGGTAACCATCAC	434	

<i>cat</i> _{pC223}	F: GAATCAAATGCTAGTTTTAACTC R: ACATGGTAACCATCACATAC	283	
<i>bla</i> _Z	F: CAGTTCACATGCCAAAGAG R: TACTCTTGCGGTTTC	772	[8]
<i>mecA</i>	F: GGGATCATAGCGTCATTATTC R: AACGATTGTGACACGATAGCC	527	[9]
<i>mecB</i>	F: TTAACATATACACCCGCTTG R: TAAAGTTCATTAGGCACCTCC	527	[10]
<i>mecC</i>	F: GTCCTAATGCTAATGCA R: TAAGCAATAATGACTACC	304	[11]
<i>erm(A)</i>	F: TCTAAAAAGCATGTAAAAGAA R: CTTCGATAGTTTATTAATATTAG	645	
<i>erm(B)</i>	F: GAAAAGTACTCAACCAAATA R: AGTAACGGTACTTAAATTGTTTA	639	[12]
<i>erm(C)</i>	F: TCAAAACATAATATAGATAAA R: GCAAATATTGTTTAAATCGTCAAT	642	
<i>erm(T)</i>	F: CCGCCATTGAAATAGATCCT R: TTCTGTAGCTGTGCTTTCAAAAA	200	[13]
<i>erm(43)</i>	F: TACAGC AGATGATAACATTG R: GTTGTTTCGATATTTTA TTTAAG	609	[14]
<i>msr(A)</i>	F: GGCACAATAAGAGTGTTTAA AGG	399	[15]

	R: AAGTTATATCATGAATAGATTGTCCTGTT		
<i>mph(C)</i>	F: ATGACTCGACATAATGAAAT R: CTACTCTTTCATACCTAACTC	900	[8]
<i>sal(A)</i>	F: CTATTAATCGATGAACCAACAAACC R: TTGATTTACCTGTACCATTTCTGC	610	[16]
<i>lnu(A)</i>	F: GGTGGCTGGGGGGTAGATGTATTA ACTGG R: GCTTCTTTTGAAATACATGGTATTTTTCGATC	322	[17]
<i>lnu(B)</i>	F: CCTACCTATTGTTTGTGGAA R: ATAACGTTACTCTCCTATTC	944	[18]
<i>lsa(B)</i>	F: TGCCGAAGCCATGTACCGTCC R: CGGTTAGACCAACCAGCCGAACG	396	[13]
<i>vga(A)</i>	F: AGTGGTGGTGAAGTAACACG R: GGTTCAATACTCAATCGACTGAG	1264	[19]
<i>aac(6')-Ie-aph(2'')-Ia</i>	F: CCAAGAGCAATAAGGGCATA R: CACTATCATAACCACTACCG	220	[20]
<i>ant(6)-Ia</i>	F: ACTGGCTTAATCAATTTGGG R: GCCTTTCCGCCACCTCACCG	597	[21]
<i>str</i>	F: TATTGCTCTCGAGGGTTC R: CTTTCTATATCCATTCATCTC	646	[8]
<i>ant(4')-Ia</i>	F: GCAAGGACCGACAACATTTTC R: TGGCACAGATGGTCATAACC	165	[20]

<i>tet(K)</i>	F: TTAGGTGAAGGGTTAGGTCC R: GCAAACCTCATTCCAGAAGCA	697	
<i>tet(L)</i>	F: CATTGGTCTTATTGGATCG R: ATTACACTCCGATTTCCG	456	[22]
<i>tet(M)</i>	F: GTTAAATAGTGTTCTTGGAG R: CTAAGATATGGCTCTAACAA	576	
<i>fusB</i>	F: CTATAATGATATTAATGAGATTTTTGG R: TTTTACATATTGACCATCCGAATTGG	431	[23]
<i>fusC</i>	F: TTAAAGAAAAAGATATTGATATCTCGG R: TTACAGAATCCTTTTACTTTATTGG	332	
<i>fusD</i>	F: AATTCGGTCAACGATCCC R: TTTTACATATTGACCATCCGAATTGG	431	[24]
<i>dfrA</i>	F: CCTGGCACTTACCAAATG R: CTGAAGATTGACTTCCC	374	[8]
<i>dfrD</i>	F: TTCTTTAATTGTTGCGATGG R: TTAACGAATTCTCTCATATATG	582	
<i>dfrG</i>	F: TCGGAAGAGCCTTACCTGACAGAA R: CCCTTTTTGGGCAAATACCTCATTCCA	323	[13]
<i>dfrK</i>	F: GAGAATCCCAGAGGATTGGG R: CAAGAAGCTTTTCGCTCATAAA	423	
Amino acid changes			

GyrA	F: ATGAGYGTTATCGTKCWCCTGC R: CCATWGARCCAAAGTTACCTTG	261	
GrlA	F: AATACRYAYGATAARAATTTCCG R: GTYGTRTCATCATAGTTTGG	289	[25]
SCC_{mec}-typing			
<i>ccrA1-ccrB</i>	F: AACCTATATCATCAATCAGTACGT R: ATTGCCTTGATAATAGCCITCT	695	
<i>ccrA2-ccrB</i>	F: TAAAGGCATCAATGCACAAACACT R: ATTGCCTTGATAATAGCCITCT	937	
<i>ccrA3-ccrB</i>	F: AGCTCAAAGCAAGCAATAGAAT R: ATTGCCTTGATAATAGCCITCT	1791	[26]
<i>ccrA4-ccrB4</i>	F: TTGAATGCCCTCCATGAATAAAAT R: AGAAAAGATAGAAGTTCGAAAGA	1287	
<i>ccrC</i>	F: CACTTAATCCATGTACACAG R: TTAGGAAATCTTGATGGCAA	336	[27]
<i>mecA-mecI</i>	F: CATAACTTCCCATCTGCAGATG R: ATATACCAAACCCGACA ACTACA	1963	
<i>mecA-IS1272</i>	F: ATGCTTAATGATAGCATCCGAATG R: ATATACCAAACCCGACA ACTACA	2827	[26]
<i>mecA-IS431</i>	F: TGAGGTTATTCAGATATTTGATGT R: ATATACCAAACCCGACA ACTACA	804	

Virulence genes			
<i>lukS/F-PV</i>	F: ATCATTAGGTAAAATGTCTGGACATGATCCA R: GCATCAAGTGTATTGGATAGCAAAGC	443	[17]
<i>tst</i>	F: TTCACTATTTGTAAAAGTGTGACACCCACT R: TACTAATGAATTTTTTATCGTAAGCCCTT	180	
<i>eta</i>	F: ACTGTAGGAGCTAGTGCATTTGT R: TGGATACTTTTGTCTATCTTTTTCATCAAC	616	[28]
<i>etb</i>	F: CAGATAAAGAGCTTTATACACACATTAC R: AGTGAACTTATCTTTCTATTGAAAAACTC	1553	
<i>etd</i>	F: AACTATCATGTATCAAGG R: CAGAATTTCCCGACTCAG	402	[29]
Immune Evasion Cluster (IEC)			
<i>scn</i>	F: AGCACAAGCTTGCCAACATCG R: TTAATATTACTTTTTAGTGC	257	[30]

Table S2. Antimicrobial resistance phenotype and genotype, and virulence gene content of the 173 CoNS recovered from free-ranging birds.

Isolate	Species	Origin	Sampling year	Antimicrobial resistance phenotype ^a	Antimicrobial resistance genotype	Virulence gene content
C9166	<i>S. sciuri</i>	Magpie	2015	PEN-FOX-CLI ^I -FUS	<i>mecA, sal(A)</i>	-
C9167	<i>S. sciuri</i>	Magpie	2015	CLI-TET-FUS	<i>lnu(A), sal(A), tet(K)</i>	-
C9174	<i>S. sciuri</i>	Red kite	2016	CLI ^I	<i>sal(A)</i>	-
C9175	<i>S. sciuri</i>	Red kite	2016	CLI ^I	<i>lnu(A), sal(A)</i>	-
C9177	<i>S. sciuri</i>	Red kite	2016	CLI-FUS	<i>lnu(A), sal(A)</i>	-
C9179	<i>S. sciuri</i>	Red kite	2016	CLI ^I	<i>sal(A)</i>	-
C9181	<i>S. sciuri</i>	Red kite	2016	CLI-FUS	<i>sal(A)</i>	-
C9183	<i>S. sciuri</i>	Red kite	2016	CLI ^I	<i>sal(A)</i>	-
C9185	<i>S. sciuri</i>	Red kite	2016	CLI-FUS	<i>sal(A)</i>	-
C9186	<i>S. sciuri</i>	Red kite	2016	PEN-FOX-CLI-FUS	<i>mecA, sal(A)</i>	-
C9188	<i>S. sciuri</i>	Red kite	2016	CLI ^I	<i>lnu(A), sal(A)</i>	-
C9191	<i>S. sciuri</i>	Red kite	2016	CLI ^I	<i>sal(A)</i>	-
C9193	<i>S. sciuri</i>	Red kite	2016	CLI-FUS	<i>lnu(A), sal(A)</i>	-
C9194	<i>S. sciuri</i>	Red kite	2016	CLI-FUS	<i>lnu(A), sal(A)</i>	-
C9197	<i>S. sciuri</i>	Red kite	2016	CLI-TET-FUS	<i>sal(A), tet(K)</i>	-
C9198	<i>S. sciuri</i>	Red kite	2016	PEN-FOX-CLI-TET-FUS	<i>mecA, sal(A), tet(K)</i>	-

C9200	<i>S. sciuri</i>	Red kite	2016	CLI-TET-FUS	<i>lnu(A), sal(A), tet(K), tet(M)</i>	-
C9202	<i>S. sciuri</i>	Red kite	2016	CLI-FUS	<i>lnu(A), sal(A)</i>	-
C9203	<i>S. sciuri</i>	Red kite	2016	CLI ^I	<i>sal(A)</i>	-
C9206	<i>S. sciuri</i>	Red kite	2015	CLI ^I -FUS	<i>sal(A)</i>	-
C9207	<i>S. sciuri</i>	Red kite	2015	PEN-FOX-CLI ^I -FUS	<i>mecA, sal(A)</i>	-
C9208	<i>S. sciuri</i>	Red kite	2015	CLI-FUS	<i>lnu(A), sal(A)</i>	-
C9211	<i>S. sciuri</i>	Red kite	2015	ERY-CLI-FUS	<i>erm(C), sal(A)</i>	-
C9212	<i>S. sciuri</i>	Red kite	2015	PEN-FOX-CLI ^I -FUS	<i>mecA, sal(A)</i>	-
C9213	<i>S. sciuri</i>	Red kite	2015	CLI ^I -FUS	<i>sal(A)</i>	-
C9214	<i>S. sciuri</i>	Red kite	2015	CLI-FUS	<i>sal(A)</i>	-
C9215	<i>S. sciuri</i>	Red kite	2015	PEN-FOX-CLI ^I -FUS	<i>mecA, sal(A)</i>	-
C9216	<i>S. sciuri</i>	Black-headed gull	2015	CLI ^I -FUS	<i>sal(A)</i>	-
C9217	<i>S. sciuri</i>	Black-headed gull	2015	PEN-FOX-CLI ^I -FUS	<i>mecA, sal(A)</i>	-
C9218	<i>S. sciuri</i>	Black-headed gull	2015	PEN-CLI-FUS	<i>blaZ, sal(A)</i>	-
C9219	<i>S. sciuri</i>	Black-headed gull	2015	PEN-ERY-CLI ^I -FUS	<i>erm(C), lnu(A), sal(A)</i>	-
C9220	<i>S. sciuri</i>	Black-headed gull	2015	PEN-FOX-CLI-FUS	<i>mecA, sal(A)</i>	-
C9222	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-FOX-ERY-CLI-STR-TET-FUS	<i>mecA, erm(B), lnu(A), sal(A), str, tet(M)</i>	-
C9223	<i>S. sciuri</i>	Cinereous vulture	2015	CLI-FUS	<i>sal(A)</i>	-
C9224	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-CLI-FUS	<i>lnu(A), sal(A)</i>	-

C9225	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-CLI-FUS	<i>sal(A)</i>	-
C9226	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-CLI-FUS	<i>blaZ, sal(A)</i>	-
C9227	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-FOX-CLI-FUS	<i>mecA, sal(A)</i>	-
C9229	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-CLI-FUS	<i>sal(A)</i>	-
C9230	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-CLI-CHL-FUS	<i>lnu(A), sal(A), fexA</i>	-
C9231	<i>S. sciuri</i>	Cinereous vulture	2015	CLI-FUS	<i>sal(A)</i>	-
C9232	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-CLI-FUS	<i>sal(A)</i>	-
C9233	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-FOX-CLI ^I -FUS	<i>mecA, sal(A)</i>	-
C9234	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-CLI-STR-FUS	<i>sal(A), str</i>	-
C9235	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-CLI-FUS	<i>sal(A)</i>	-
C9236	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-CLI-CHL-FUS	<i>sal(A), fexA</i>	-
C9238	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-FOX-CLI-FUS	<i>mecA, sal(A)</i>	-
C9239	<i>S. sciuri</i>	Cinereous vulture	2015	CLI ^I -FUS	<i>sal(A)</i>	-
C9240	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-FOX-CLI ^I -FUS	<i>mecA, sal(A)</i>	-
C9244	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-FOX-CLI ^I -FUS	<i>mecA, sal(A)</i>	-
C9245	<i>S. sciuri</i>	Cinereous vulture	2015	CLI ^I -FUS	<i>sal(A)</i>	-
C9246	<i>S. sciuri</i>	Cinereous vulture	2015	CLI ^I -FUS	<i>lnu(A), sal(A)</i>	-
C9248	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-CLI-FUS	<i>sal(A)</i>	-
C9249	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-FOX-CLI-STR-FUS	<i>mecA, sal(A), str</i>	-
C9252	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-CLI ^I -FUS	<i>sal(A)</i>	-
C9256	<i>S. sciuri</i>	Cinereous vulture	2015	ERY-CLI-FUS	<i>erm(B), erm(C), sal(A)</i>	-

C9258	<i>S. sciuri</i>	Cinereous vulture	2015	ERY-CLI-TOB-CIP-FUS	<i>erm(B), msr(A), sal(A), ant(4')-Ia</i>	-
C9260	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-FOX-CLI-FUS	<i>mecA, sal(A)</i>	-
C9262	<i>S. sciuri</i>	Cinereous vulture	2015	ERY-CLI ^I -FUS	<i>erm(C), sal(A)</i>	-
C9263	<i>S. sciuri</i>	Cinereous vulture	2015	PEN-FOX-CLI-TOB-FUS	<i>mecA, blaZ, sal(A), ant(4')-Ia</i>	-
C9264	<i>S. sciuri</i>	Cinereous vulture	2015	CLI ^I -FUS	<i>sal(A)</i>	-
C9266	<i>S. sciuri</i>	Bearded vulture	2015	PEN-CLI ^I -FUS	<i>sal(A)</i>	-
C9270	<i>S. sciuri</i>	Bearded vulture	2016	PEN-FOX-CLI-FUS	<i>mecA, sal(A)</i>	-
C9274	<i>S. sciuri</i>	Western marsh harrier	2016	CLI ^I	<i>sal(A)</i>	-
C9462	<i>S. sciuri</i>	Magpie	2016	PEN-FOX-CLI-STR-FUS	<i>mecA, sal(A), str</i>	-
C9464	<i>S. sciuri</i>	Magpie	2016	PEN-ERY-CLI-FUS	<i>erm(B), erm(C), sal(A)</i>	-
C9465	<i>S. sciuri</i>	Magpie	2016	CLI-FUS	<i>lnu(A), sal(A)</i>	-
C9466	<i>S. sciuri</i>	Magpie	2016	PEN-CLI-FUS	<i>blaZ, lnu(A), sal(A)</i>	-
C9467	<i>S. sciuri</i>	Magpie	2016	PEN-CLI-GEN-TOB-FUS	<i>sal(A), aac(6')-Ie-aph(2')-Ia</i>	-
C9468	<i>S. sciuri</i>	Magpie	2016	CLI ^I -FUS	<i>sal(A)</i>	-
C9470	<i>S. sciuri</i>	Magpie	2016	CLI ^I -FUS	<i>sal(A)</i>	-
C9471	<i>S. sciuri</i>	Magpie	2016	CLI-FUS	<i>sal(A)</i>	-
C9472	<i>S. sciuri</i>	Magpie	2016	CLI ^I -FUS	<i>sal(A)</i>	-
C9473	<i>S. sciuri</i>	Magpie	2016	CLI ^I -FUS	<i>sal(A)</i>	-
C9474	<i>S. sciuri</i>	Magpie	2016	PEN-CLI ^I -FUS	<i>sal(A)</i>	-

C9475	<i>S. sciuri</i>	Magpie	2016	PEN-CLI-FUS	<i>blaZ, sal(A)</i>	-
C9476	<i>S. sciuri</i>	Magpie	2016	PEN-FOX-ERY-CLI-FUS	<i>mecA, erm(C), lnu(A), sal(A)</i>	-
C9477	<i>S. sciuri</i>	Magpie	2016	PEN-FOX-CLI-STR-FUS	<i>mecA, sal(A), str</i>	-
C9478	<i>S. sciuri</i>	Cinereous vulture	2016	CLI-FUS	<i>sal(A)</i>	-
C9479	<i>S. sciuri</i>	Cinereous vulture	2016	ERY-CLI-STR-FUS	<i>erm(B), sal(A), str</i>	-
C9480	<i>S. sciuri</i>	Cinereous vulture	2016	CLI-STR-FUS	<i>sal(A), str</i>	-
C9481	<i>S. sciuri</i>	Cinereous vulture	2016	PEN-CLI-FUS	<i>sal(A)</i>	-
C9483	<i>S. sciuri</i>	Cinereous vulture	2016	CLI-FUS	<i>sal(A)</i>	-
C9484	<i>S. sciuri</i>	Cinereous vulture	2016	CLI-STR-TET-FUS	<i>lnu(A), sal(A), str, tet(L)</i>	-
C9487	<i>S. sciuri</i>	Cinereous vulture	2016	CLI-FUS	<i>lnu(A), sal(A)</i>	-
C9488	<i>S. sciuri</i>	Cinereous vulture	2016	CLI-FUS	<i>lnu(A), sal(A)</i>	-
C9489	<i>S. sciuri</i>	Cinereous vulture	2016	CLI-FUS	<i>sal(A)</i>	-
C9491	<i>S. sciuri</i>	Cinereous vulture	2016	PEN-CLI-FUS	<i>sal(A)</i>	-
C9493	<i>S. sciuri</i>	Cinereous vulture	2016	PEN-CLI-FUS	<i>blaZ, sal(A)</i>	-
C9494	<i>S. sciuri</i>	Cinereous vulture	2016	PEN-CLI-FUS	<i>sal(A)</i>	-
C9497	<i>S. sciuri</i>	Cinereous vulture	2016	CLI-FUS	<i>sal(A)</i>	-
C9498	<i>S. sciuri</i>	Cinereous vulture	2016	CLI-FUS	<i>sal(A)</i>	-
C9499	<i>S. sciuri</i>	Cinereous vulture	2016	PEN-ERY-CLI-FUS	<i>erm(C), sal(A)</i>	-
C9501	<i>S. sciuri</i>	Cinereous vulture	2016	CLI-FUS	<i>sal(A)</i>	<i>tst</i>
C9502	<i>S. sciuri</i>	Cinereous vulture	2016	CLI-TET-FUS	<i>sal(A), tet(K)</i>	-

C9503	<i>S. sciuri</i>	Cinereous vulture	2016	PEN-ERY-CLI-FUS	<i>erm(C), sal(A)</i>	<i>tst</i>
C9505	<i>S. sciuri</i>	Cinereous vulture	2016	CLI-GEN-TOB-FUS	<i>lsa(B), sal(A), aac(6')-Ie-aph(2'')-Ia</i>	-
C9506	<i>S. sciuri</i>	Cinereous vulture	2016	PEN-FOX-CLI ^I -TOB-FUS	<i>mecA, sal(A), ant(4')-Ia</i>	-
C9509	<i>S. sciuri</i>	Cinereous vulture	2016	PEN-CLI-FUS	<i>sal(A)</i>	-
C9512	<i>S. sciuri</i>	Cinereous vulture	2016	CLI ^I -FUS	<i>sal(A)</i>	-
C9513	<i>S. sciuri</i>	Cinereous vulture	2016	CLI ^I	<i>mecA, sal(A)</i>	-
C9514	<i>S. sciuri</i>	Cinereous vulture	2016	CLI ^I -GEN-TOB-FUS	<i>sal(A), aac(6')-Ie-aph(2'')-Ia,</i>	-
C9515	<i>S. sciuri</i>	Cinereous vulture	2016	PEN-FOX-CLI ^I -STR-FUS	<i>mecA, sal(A), str</i>	-
C9516	<i>S. sciuri</i>	Cinereous vulture	2016	CLI-FUS	<i>sal(A)</i>	-
C9517	<i>S. sciuri</i>	Northern bald ibis	2016	CLI ^I -FUS	<i>mecA, sal(A)</i>	-
C9518	<i>S. sciuri</i>	Northern bald ibis	2016	PEN-CLI-FUS	<i>blaZ, sal(A)</i>	-
C9519	<i>S. sciuri</i>	Northern bald ibis	2016	PEN-FOX-CLI ^I -FUS	<i>mecA, sal(A)</i>	-
C9520	<i>S. sciuri</i>	Northern bald ibis	2016	PEN-FOX-CLI-FUS	<i>mecA, sal(A)</i>	-
C9521	<i>S. sciuri</i>	Northern bald ibis	2016	PEN-FOX-CLI ^I -FUS	<i>mecA, sal(A)</i>	-
C9522	<i>S. sciuri</i>	Northern bald ibis	2016	PEN-FOX-CLI-FUS	<i>mecA, sal(A)</i>	-
C9523	<i>S. sciuri</i>	Northern bald ibis	2016	CLI ^I -FUS	<i>sal(A)</i>	-
C9525	<i>S. sciuri</i>	Northern bald ibis	2016	PEN-FOX-CLI-FUS	<i>mecA, sal(A)</i>	-
C9526	<i>S. sciuri</i>	Northern bald ibis	2016	CLI ^I -FUS	<i>sal(A)</i>	-
C9527	<i>S. sciuri</i>	Northern bald ibis	2016	PEN-CLI ^I -TET-FUS	<i>sal(A), tet(K)</i>	-

C9528	<i>S. sciuri</i>	Northern bald ibis	2016	CLI ^l -FUS	<i>mecA, sal(A)</i>	-
C9529	<i>S. sciuri</i>	Egyptian vulture	2016	CLI	<i>sal(A)</i>	-
C9530	<i>S. sciuri</i>	Egyptian vulture	2016	CLI-FUS	<i>sal(A)</i>	-
C9533	<i>S. sciuri</i>	European honey buzzard	2016	CLI-FUS	<i>sal(A)</i>	-
C9173	<i>S. lentus</i>	Red kite	2016	ERY-CLI ^{ln} -TET-FUS	<i>erm(B), erm(43), mph(C), lnu(A), tet(M)</i>	-
C9176	<i>S. lentus</i>	Red kite	2016	CLI-FUS	<i>lnu(A), lsa(B)</i>	-
C9180	<i>S. lentus</i>	Red kite	2016	PEN-FOX-ERY-CLI-TET-CIP ^b -FUS	<i>mecA, erm(B), erm(43), mph(C), vga(A), tet(M)</i>	-
C9182	<i>S. lentus</i>	Red kite	2016	PEN-FOX-ERY-CLI-STR-TET-CIP ^b -FUS	<i>mecA, erm(B), erm(43), mph(C), str, tet(M)</i>	-
C9184	<i>S. lentus</i>	Red kite	2016	CLI-TET-FUS	<i>lnu(A), tet(K)</i>	-
C9187	<i>S. lentus</i>	Red kite	2016	CLI-STR-TET-FUS	<i>lnu(A), vga(A), str, tet(K)</i>	-
C9189	<i>S. lentus</i>	Red kite	2016	PEN-ERY-CLI-FUS	<i>blaZ, erm(C)</i>	-
C9190	<i>S. lentus</i>	Red kite	2016	ERY-CLI-TET-CIP ^b -FUS	<i>erm(B), mph(C), tet(M)</i>	-
C9192	<i>S. lentus</i>	Red kite	2016	ERY-CLI-TET-FUS	<i>erm(B), erm(43), mph(C), lnu(A), tet(K)</i>	-
C9195	<i>S. lentus</i>	Red kite	2016	PEN-FOX-ERY-CLI-CIP ^b -FUS	<i>mecA, blaZ, erm(C), mph(C)</i>	-
C9196	<i>S. lentus</i>	Red kite	2016	CLI-TET-FUS	<i>lnu(A), tet(K)</i>	-

C9199	<i>S. lentus</i>	Red kite	2016	PEN-FOX-CLI ^I -TET-FUS	<i>mecA, tet(K)</i>	-
C9201	<i>S. lentus</i>	Red kite	2016	ERY-CLI-FUS	<i>erm(B), erm(43), mph(C)</i>	-
C9204	<i>S. lentus</i>	Red kite	2016	ERY-CLI-TET	<i>erm(C), tet(K)</i>	-
C9205	<i>S. lentus</i>	Red kite	2016	CLI ^I -TET-FUS	<i>lnu(A), tet(K)</i>	-
C9209	<i>S. lentus</i>	Red kite	2015	CLI ^I -TET-FUS	<i>lnu(A), tet(K)</i>	-
C9210	<i>S. lentus</i>	Red kite	2015	PEN-FOX-ERY-CLI-TET- CIP ^b -FUS	<i>mecA, blaZ, erm(C), erm(43), mph(C), tet(K)</i>	-
C9250	<i>S. lentus</i>	Cinereous vulture	2015	ERY-CLI	<i>erm(B), erm(43), mph(C)</i>	-
C9251	<i>S. lentus</i>	Cinereous vulture	2015	ERY ^I -CLI ^I	<i>erm(B), mph(C)</i>	-
C9254	<i>S. lentus</i>	Cinereous vulture	2015	CLI-TET-FUS	<i>lnu(A), tet(K)</i>	-
C9265	<i>S. lentus</i>	Bearded vulture	2015	CLI-TOB-STR-TET-SXT	<i>lnu(A), ant(4')-Ia, str, tet(K), tet(L), tet(M), dfrK</i>	-
C9272	<i>S. lentus</i>	Western marsh harrier	2016	PEN-CLI ^I -FUS	<i>lnu(A)</i>	-
C9482	<i>S. lentus</i>	Cinereous vulture	2016	FUS		-
C9510	<i>S. lentus</i>	Cinereous vulture	2016	ERY-CLI-FUS	<i>erm(B)</i>	-
C9511	<i>S. lentus</i>	Cinereous vulture	2016	CLI-FUS	<i>lnu(A)</i>	-
C9268	<i>S. fleurettii</i>	Bearded vulture	2015	PEN-FOX-CLI ^I -STR-FUS	<i>mecA, str</i>	-
C9485	<i>S. fleurettii</i>	Cinereous vulture	2016	PEN-FOX-CLI ^I -FUS	<i>mecA</i>	-
C9486	<i>S. fleurettii</i>	Cinereous vulture	2016	PEN-FOX-CLI ^I -STR-FUS	<i>mecA, str</i>	-
C9492	<i>S. fleurettii</i>	Cinereous vulture	2016	PEN-FOX-CLI ^I -STR-FUS	<i>mecA, str</i>	-
C9495	<i>S. fleurettii</i>	Cinereous vulture	2016	PEN-FOX-FUS	<i>mecA</i>	-

C9504	<i>S. fleurettii</i>	Cinereous vulture	2016	PEN-CLI ^I -FUS	<i>mecA</i>	-
C9507	<i>S. fleurettii</i>	Cinereous vulture	2016	PEN-CLI-FUS	<i>mecA, lnu(A)</i>	-
C9168	<i>S. vitulinus</i>	Magpie	2016	FUS		-
C9171	<i>S. vitulinus</i>	Magpie	2016	PEN-FOX-STR-FUS	<i>mecA, str</i>	-
C9172	<i>S. vitulinus</i>	Magpie	2016	CLI		-
C9273	<i>S. vitulinus</i>	Western marsh harrier	2016	CLI-FUS		-
C9463	<i>S. vitulinus</i>	Magpie	2016	PEN-FOX-FUS	<i>mecA</i>	-
C9490	<i>S. vitulinus</i>	Cinereous vulture	2016	STR-GEN-TOB-FUS	<i>aac(6')-Ie-aph(2'')-Ia, str</i>	-
C9163	<i>S. epidermidis</i>	Magpie	2015	PEN-ERY-CLI-FUS	<i>blaZ, erm(C), lnu(A), fusB</i>	-
C9170	<i>S. epidermidis</i>	Magpie	2016	PEN-FOX-CLI ^I -FUS	<i>mecA, lnu(A), vga(A)</i>	-
C9271	<i>S. epidermidis</i>	Bearded vulture	2016	PEN-FOX-ERY-CLI ^I -TET	<i>mecA, blaZ, erm(C), mph(C), lnu(A), tet(K)</i>	-
C9524	<i>S. epidermidis</i>	Northern bald ibis	2016	PEN-ERY-CLI	<i>blaZ, erm(C), mph(C)</i>	-
C9259	<i>S. kloosii</i>	Cinereous vulture		PEN-CLI-TET-FUS	<i>blaZ, lnu(A), tet(K)</i>	-
C9532	<i>S. kloosii</i>	European honey buzzard	2016	PEN-FUS	<i>blaZ</i>	-
C9534	<i>S. kloosii</i>	European honey buzzard	2016	PEN-FUS	<i>blaZ</i>	-
C9267	<i>S. schleiferi</i> subsp. <i>schleiferi</i>	Bearded vulture	2015	CLI-STR-TET	<i>lnu(A), str, tet(K)</i>	-
C9269	<i>S. schleiferi</i> subsp. <i>schleiferi</i>	Bearded vulture	2015	CLI ^I -STR-TET	<i>lnu(A), str, tet(K)</i>	-
C9508	<i>S. schleiferi</i> subsp. <i>schleiferi</i>	Cinereous vulture		PEN-STR-TET	<i>blaZ, str, tet(K)</i>	-

C9255	<i>S. xyloso</i>	Cinereous vulture		PEN	<i>blaZ</i>	-
C9275	<i>S. xyloso</i>	Western marsh harrier	2016	PEN-ERY-CLI-TET-FUS	<i>erm(B), mph(C), lnu(A), tet(K)</i>	-
C9500	<i>S. xyloso</i>	Cinereous vulture	2016	PEN-CLI-STR-CIP-FUS	<i>str</i>	-
C9496	<i>S. saprophyticus</i>	Cinereous vulture	2016	PEN	<i>blaZ, fusD</i>	-
C9531	<i>S. saprophyticus</i>	European honey buzzard	2016	GEN-TOB-FUS	<i>aac(6')-Ie-aph(2'')-Ia, fusD</i>	-
C9164	<i>S. capitis</i>	Magpie	2015	Susceptible		-
C9469	<i>S. succinus</i>	Magpie	2016	PEN	<i>blaZ</i>	-

^aPEN, penicillin; FOX, ceftioxin; ERY, erythromycin; CLI, clindamycin; GEN, gentamicin; TOB, tobramycin; STR, streptomycin; TET, tetracycline; CIP, ciprofloxacin; CHL, chloramphenicol; FUS, fusidic acid; SXT, trimethoprim-sulfamethoxazole; I, intermediate resistance; In, inducible resistance.

^bThese isolates showed amino acid changes in GyrA (S84L) and GrlA proteins (D84E and M89L).

Table S3. SCC*mec*-typing of the 47 CoNS isolates from wild birds that carried the *mecA* gene.

Isolate	<i>ccr</i>	<i>mec</i> complex	SCC<i>mec</i>
<i>S. sciuri</i> C9166	-	-	-
<i>S. sciuri</i> C9186	-	-	-
<i>S. sciuri</i> C9198	-	A	-
<i>S. sciuri</i> C9207	<i>ccrA3-ccrB3</i>	A	III
<i>S. sciuri</i> C9212	<i>ccrA2-ccrB2, ccrA3-ccrB3</i>	A	-
<i>S. sciuri</i> C9215	<i>ccrA3-ccrB3</i>	A	III
<i>S. sciuri</i> C9217	-	-	-
<i>S. sciuri</i> C9220	-	-	-
<i>S. sciuri</i> C9222	<i>ccrA2-ccrB2, ccrA3-ccrB3</i>	A	-
<i>S. sciuri</i> C9227	-	-	-
<i>S. sciuri</i> C9233	<i>ccrA3-ccrB3</i>	A	III
<i>S. sciuri</i> C9238	-	-	-
<i>S. sciuri</i> C9240	-	-	-
<i>S. sciuri</i> C9244	<i>ccrA3-ccrB3</i>	A	III
<i>S. sciuri</i> C9249	-	-	-
<i>S. sciuri</i> C9260	-	-	-
<i>S. sciuri</i> C9263	<i>ccrA3-ccrB3</i>	A	III
<i>S. sciuri</i> C9270	<i>ccrA3-ccrB3</i>	A	III
<i>S. sciuri</i> C9462	-	-	-

<i>S. sciuri</i> C9476	<i>ccrA1-ccrB1, ccrA3-ccrB3</i>	-	
<i>S. sciuri</i> C9477	<i>ccrA1-ccrB1, ccrA3-ccrB3</i>	-	
<i>S. sciuri</i> C9506	-	-	
<i>S. sciuri</i> C9513*	-	-	-
<i>S. sciuri</i> C9515	<i>ccrA3-ccrB3</i>	A	III
<i>S. sciuri</i> C9517*	-	-	-
<i>S. sciuri</i> C9519	-	-	
<i>S. sciuri</i> C9520	<i>ccrA3-ccrB3</i>	A	III
<i>S. sciuri</i> C9521	-	-	
<i>S. sciuri</i> C9522	<i>ccrA3-ccrB3</i>	A	III
<i>S. sciuri</i> C9525	<i>ccrA3-ccrB3</i>	A	III
<i>S. sciuri</i> C9528*	-	-	
<i>S. lentus</i> C9180	<i>ccrC</i>	-	
<i>S. lentus</i> C9182	<i>ccrA3-ccrB3</i>	A	III
<i>S. lentus</i> C9195	-	-	
<i>S. lentus</i> C9199	<i>ccrA3-ccrB3</i>	A	III
<i>S. lentus</i> C9210	-	A	
<i>S. epidermidis</i> C9170	<i>ccrC</i>	-	-
<i>S. epidermidis</i> C9271	<i>ccrA2-ccrB2</i>	B	IV
<i>S. vitulinus</i> C9171	-	-	-
<i>S. vitulinus</i> C9463	-	-	-

<i>S. fleurettii</i> C9268	-	-	-
<i>S. fleurettii</i> C9485	-	A	-
<i>S. fleurettii</i> C9486	-	A	-
<i>S. fleurettii</i> C9492	-	A	-
<i>S. fleurettii</i> C9495	-	A	-
<i>S. fleurettii</i> C9504*	-	A	-
<i>S. fleurettii</i> C9507*	-	A	-

Isolates with an asterisk are those that did not exhibit a methicillin resistance phenotype.

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