

# Identification of *Lonepinella* sp. in Koala Bite Wound Infections, Queensland, Australia

## Appendix

**Appendix Table 1.** Suggested identifications for the 4 clinical isolates obtained from koala bite wound infections, Australia, and *Lonepinella koalarum* reference strain (ACM 3666) provided by commercial kits or systems

Identification method	MS14434	MS14435	MS14436	MS14437	ACM 3666
VITEK MS	<i>Haemophilus parainfluenzae</i>	<i>H. parainfluenzae</i>	No ID	<i>H. parainfluenzae</i> 99.8%	No ID
VITEK 2 GNI	<i>Sphingomonas paucimobilis</i> 97%	<i>S. paucimobilis</i> 99%	<i>S. paucimobilis</i> 98%	<i>S. paucimobilis</i> 99%	<i>S. paucimobilis</i> 98%
VITEK 2 NH	<i>Aggregatibacter segnis</i> 94%	<i>A. segnis</i> 89%	<i>A. segnis</i> 90%	<i>A. segnis</i> 87%	<i>Aggregatibacter aphrophilus</i> 93%
API 20 NE	<i>Mannheimia haemolytica</i> and <i>Bibersteinia trehalosi</i> 92.9%	<i>Brevundimonas vesicularis</i> 83.9%	<i>Chryseobacterium indologenes</i> 64.8%	<i>M. haemolytica</i> and <i>Pasteurella pneumotropica</i>	<i>M. haemolytica</i> and <i>B. trehalosi</i> 94.2%
RapID NH	<i>H. parainfluenzae</i>	<i>H. parainfluenzae</i>	<i>H. influenzae</i>	No ID	<i>H. parainfluenzae</i>
RapID ANA II	<i>Prevotella disiens</i>	No ID	No ID	No ID	<i>Capnocytophaga</i> sp.

**Appendix Table 2.** Antimicrobial susceptibilities of 4 clinical isolates obtained from koala bite wound infections, Australia, and *Lonepinella koalarum* reference strain (ACM 3666)\*

Antimicrobial drug	MIC, mg/L					<i>Pasteurella multocida</i> EUCAST S breakpoint, mg/L
	MS14434	MS14435	MS14436	MS14437	ACM 3666	
Benzylpenicillin	<0.002	<0.002	1.5	3	1	≤0.5
Ampicillin	0.75	0.75	1	1	0.5	≤1
Amoxicillin	<0.016	<0.016	0.75	ND	ND	≤1
Amoxicillin clavulanate	<0.016	<0.016	0.75	1	1	≤1
Piperacillin tazobactam	0.5	0.75	1.5	0.25	1	No breakpoint
Cefotaxime	0.012	0.016	0.023	0.023	0.016	≤0.03
Ciprofloxacin	<0.002	<0.002	0.016	0.012	0.016	≤0.06
Doxycycline	<0.016	<0.016	1	0.38	2	≤1
Trimethoprim/sulfamethoxazole	0.002	0.006	0.006	0.002	0.032	≤0.25

\*EUCAST, European Committee on Antimicrobial Susceptibility Testing; ND, not done; S, susceptibility.

**Appendix Table 3.** GenBank accession numbers for 16S rRNA, *rpoB*, *infB*, and *recN* gene sequences of 4 clinical isolates obtained from koala bite wound infections, Australia

Gene	Isolate	GenBank accession no.
16S rRNA	MS14434	MH745052
	MS14435	MH745053
	MS14436	MH745054
	MS14437	MH745055
<i>rpoB</i>	MS14434	MH744673
	MS14435	MH744674
	MS14436	MH744675
	MS14437	MH744676
<i>infB</i>	MS14434	MH744677
	MS14435	MH744678
	MS14436	MH744679
	MS14437	MH744680
<i>recN</i>	MS14434	MH744681
	MS14435	MH744682
	MS14436	MH744683
	MS14437	MH744684