

Supplementary 5

MALDI-TOF bacterial isolate identification (ID) compared to genomic ID from WGS. Six out of 130 *P. multocida* cultures were identified as pure *P. multocida* by MALDI-TOF, however genomic ID using WGS demonstrated evidence of contamination. The isolate ID provided by MALDI-TOF is highlighted in blue.

Organism	1	2	3	4	5	6
CheckM Predicted %Contamination	101	100	84	58	44	18
<i>P. multocida</i>	79	90	94	95	95	2
<i>M. haemolytica</i>	20	0	5	0	5	0
<i>H. somni</i>	0	0	0	0	0	97
<i>Moraxella bovoculi</i>	0	10	0	5	0	0