

Table S3. qPCR primer efficiency.

Gene	¹ Primer sequence (5' --> 3')	Species	Efficiency
<i>Cyp6g1</i>	F: GAGCCCGATAAATTCGAACC R: ATCATGCCAAAACGTTTCACC	<i>Ch. albiceps</i>	104%
		<i>Ch. megacephala</i>	98%
		<i>Co. hominivorax</i>	97%
		<i>Co. macellaria</i>	98%
		<i>Ch. albiceps</i>	96%
<i>foraging</i>	F: TGGTGGGGTTTACAAAATCG R: TTATCCCAGCCGGTAACATC	<i>Ch. megacephala</i>	100%
		<i>Co. hominivorax</i>	100%
		<i>Co. macellaria</i>	106%
		<i>Ch. albiceps</i>	105%
<i>Glutamate dehydrogenase</i>	F: CATTCCGGTGGTGCTAAGG R: CCGGGTCCAATGAAACC	<i>Ch. megacephala</i>	96%
		<i>Co. hominivorax</i>	107%
		<i>Co. macellaria</i>	95%
		<i>Ch. albiceps</i>	98%
<i>Jonah65Aiv</i>	F: ACTGCTGCTCATTGTAAGTATG R: TTGCTATTCCAGCCAGAGTG	<i>Ch. megacephala</i>	95%
		<i>Co. hominivorax</i>	100%
		<i>Co. macellaria</i>	99%
		<i>Ch. albiceps</i>	91%
<i>Malvolio</i>	F: TGGGGTGTGGGTATTTTAGC R: TAAACACGACGCCAACG	<i>Ch. megacephala</i>	91% ²
		<i>Co. hominivorax</i>	97%
		<i>Co. macellaria</i>	96%
		<i>Ch. albiceps</i>	98%
<i>PGRP-SC2</i>	F: CGTGGCTGGAATGTTATGG R: TTGACCACGAGCAACAGC	<i>Ch. megacephala</i>	91%
		<i>Co. hominivorax</i>	97%
		<i>Co. macellaria</i>	98%
		<i>Ch. albiceps</i>	98%
<i>RPS6-p70-protein kinase</i>	F: TCACCAAGACGTACACCAAG R: TGTACATCCATCATTTTCGTC	<i>Ch. megacephala</i>	100%
		<i>Co. hominivorax</i>	98%
		<i>Co. macellaria</i>	98%
		<i>Ch. albiceps</i>	98%
<i>Smooth</i>	F: TTCTTATTGCCCGATCATAAC R: AATCTTGCTCGGTGGTTG	<i>Ch. megacephala</i>	99%
		<i>Co. hominivorax</i>	96%
		<i>Co. macellaria</i>	95%

¹Primer sequences (F= forward; R= reverse)²*Ch. albiceps* efficiency was used to calculate mRNA levels of *Ch. megacephala*.