

Supplementary table 1

Sequence ID	Parasite Gene/Region	Sequence	Length (bp)	Closest Match Description	Percent Identity	Query Cover	GenBank Reference
Seq 1	ITS2	CTGCTTTGAACATCGACATCTTGAACGCACATTGCGGGCCACGGGTTTTCTGTGGCCACGCCTG TCCGAGGGTCGGCTTATAAACTATCAGCAGCCCCAAAAAGTCGTGGCTTGGAACTCGCCAGCTG GCGTGATTTCCCTCTGTGGTTGCCACGTGAGGTGCCAGATCTATGGCGTTTTCCCTAATGTCTCC GGACACAACCGCGTCTTGCTGGTAGCACAGACGAGGGTGTGGCGGTAGAGTCGTGGCTCAGTTA ACTGTAATGGTAGCACGCTCTGCTGTTGTGCCTTTGAATGGTAACTGGTTTGAGATGCTATTGC TGTCCTGCCAATCATGATCACTACTGTGGTGTTCGTACCTGACCTCGGATCAGACGTGAAT ACCCGCTGAACCTAAGCATATCACTAAGCGGAGGAAAAAGAACCTAACCC	433	<i>Calicophoron daubneyi</i>	100.00% 100.00%	96% 95%	PP957469.1 - Nosal, P. and Kowal, J. (2024) KP201674.1 - Chryssafidis, A. L., Fu,Y., De Waal,T. and Mulcahy,G.(2015)
Seq 2	ITS2	ATTCACGGTCTGATCCGAGGTCAAGTAACAGAACACCACAGTAGGTGATCATGATTGGACGGAC AGCAATAGCATCTCAAACCAAGTTACCAATTCAAAGGCACAACAGCAGAGCGTGCTACCAATTACAG TTAACTGAGCCACGACTCTACCGCCACACCCCTCGTCTGTGCTACCAGCAAGACGCGGTTGTGTC CGGAGACATTAGGAAAAAGCCATAGATCTGGCACCTCACGTGGCGAACCACAGAGGAAATCACG CCAGCTGGCAGATTCGAAGCCACGACTTTTTGGGCGTCGTGATAGTTTATAAGCCGACCCCTCGG ACAGGCGTGGCCACAGGAAAACCCGTGGCCGCAATGTGCGTTCAAGATGTCGATGTTCAAAGCA GTATGCAGTTCACATTAATTCACACAGTTGGCTGCGCTCTCAATTCGACACA	436	<i>Calicophoron daubneyi</i>	99.77% 99.76%	98% 95%	PP957469.1 - Nosal, P. and Kowal, J. (2024) KP201674.1 - Chryssafidis, A. L., Fu,Y., De Waal,T. and Mulcahy,G.(2015)
Seq 3	COX1	ACAAACCGTCCCTCAACTTATTAATGAAAAGAATCTCAACAACACCTCTGTTTTACAAAAACAA CATTCTACCCCTTAAACTACGTTTTCTCTCACCCCTTAAACCAACGACCAGAACCACTCATATA TACAACATGCTGAGGCACAGGTAACACAACAACCTTCAAAGAAACATTTGAACTACCCCAAGCA GCCACTACAACATTATGTACAACCAAGACTCCCACAAAAATAAGTACCAAAAAAAGCACTAA TCACCGACAAAAAAGCACAAAAAGACGCCAAACTCTCCAACCAAAAAAATCAGGATTATAAAC ACAAACACGCGCGTGGCAAAACCACACAACCAAAATAATGCATAGGAAAAAACACAAAATTAAC CCCACCATTTGAACATAACCAATGACCTTGCAACATATACTTATTCAAACTCAAACCAACTATCA AAGGTCACCAACCACCAATGAAATCACAAACAGCACTATATGACCCCTAGTGATAACACATAATG AAAAATGAGCAACAACAATCAGGTATCATGCACCATAGAATCTAACACACAAGATGACAATACT ATTCCTCGTCACACCACCCATAGTGAACAACACAATAAAACCCATAATCCACCACACAACAGGAT CTCAAACACGTACGCCAGTACCACTCAACATATATAACCAAGAAAAAACCTTTATACCTGTCCGG TATACCAATTACCATAGAAACAGAACTAAAAAACACAGATGTCTTAACATCTAACCCCTACCATA AACATATGATGTGCTCACACAACACTACCTAAACAACAATAGAAGCCATAGCAAAATACCAAAC CATAATAACCAACAACGAATCTTGATTTCTCATCTCATACAAATATGCCTTACAGCCCCAAA CCCCGGCAATATCAGTACATAAAACCTCA	924	<i>Calicophoron daubneyi</i>	100.00% 93.30%	99% 98%	KP979656.1 - Bauer,C., Hirzmann,J. and Koehler,K. (2015) MK052977 - Bauer,C., Hirzmann,J. and Koehler,K. (2019)
Seq 4	COX1	TTGGGGCTGTAAGGCATATTTGTATGAGGATGAGAATCAAGATTCGTTGTTTGGTTATTATGGC TTGGTATTGCTATGGCTTCTATTGTTTGTGTTAGTAGTGTTGTTGTGAGCACATCATATGTTTA TGGTAGGGTTAGATGTTAAGACATCTGTGTTTTTGTAGTTCTGTTTCTATGGTAATTGGTATACC GACAGGTATAAAGGTTTTTCTTGGTTATATATGTTGAGTGGTACTGGCGTACGTGTTGAGAT CCTGTTGTGTGGTGGAATTATGGGTTTTATGTGTGTGTTCACTATGGTGGTGTGACGGGAATAG TATTGTCATCTTGTGTGTAGATTCTATGGTGCATGATACCTGATTGTTGTTGTGCTCATTTTCA TTATGTGTTATCACTAGGGTCATATAGTGCTGTTGTGATTTCAATGGTGTGGTGGTGACCTTTG ATAGTTGGTTTGAGTTGAATAAGTATATGTTGCAAGGTCATTGGTTATGTTCAATGGTGGGGT TTAATTTGTGTTTTTCTTATGCATTATTTGGTTTGTGTGGTTTGGCCACGGCGTGTGTTGTGT TTATAATCCTGATTTTTTTTGGTTGGAGAGTTTGGCGTCTTTTGGTGCTTTTTTGTGCGGTGATT AGTGCTTTTTTTTTTGGTACTTATTTGTGGGAGTCTTTGGTTGTACATAATGTTGTAGTGGCTG CTTGGGGTAGTTCAAATGTTTCTTTGAAAGTTGTTGTGTACCTGTGCCTCAGCATGTTGTATA TATGAGTGGTTCTGGTCGTTGGTTTTAAGGGTGAGAGAAAAGGTAGTTTAGGGGGTAGAATGTT GTTTTTGTAAACAGAGGTGTTGTTGAGATTCCTTTTCATTAATAAGTTGAGGGAC	887	<i>Calicophoron daubneyi</i>	99.77% 93.71%	100% 98%	KP979656.1 - Bauer,C., Hirzmann,J. and Koehler,K. (2015) MK052977 - Bauer,C., Hirzmann,J. and Koehler,K. (2019)