

Table S3 Primers and probes used for the Real time PCR works

	Forward primer (5'--->3')	Reverse primer (5'--->3')	TaqMan probe (5'--->3')
<i>P. cynomolgi</i>			
PcyTBB	CCATGTTTAGAGGACGAATGTCAA	GGAATATCACAACGCTGGACTT	CAGATGCTCAGCGTACA
PcySERA2	AAGCACGATTGTTTCGAGGTCTT	GAAGTGTATGCACTCGGCTAGCT	TTCGCAGGACCCAGAG
PcySERA3	TTGACGGGTAGCACAGGAGTT	CCAAGGCATCTGCATTATCGT	CTCCATTTCTTGAAGAACGT
PcySERA4	CACCGTCGAGTCCGAGGTTA	TCCACGGCATAACGCTCTAGA	CCTTCAAATTCTGAAGCAT
PcySERA5	GAGGAGCGGATCAACAAGTATCA	TTGCCCTGTAGTTCCCGTAGTC	CATTACCAGGAACTCC
PcySERA6	TACGACAGTGATGCAGCGATAA	ACTCATTCCAGTGGTCATCACAA	CTCACGAGCAGTGGCA
PcySERA7	TGGTGACGAGAATGGTCACGTA	TCCAGCTTCTCCACAGTTGATG	CGAATTGGGAGACCAC
PcySERA8	CGCTGTGCTAGACACCCAAGT	GATAGCCTCGTGATTCTTGTACGA	TCACATGTCTAAAGTAC
PcySERA9	GCTGAAGCATATTGACAAGTCCAA	CCTCACAGAAGAGTTTGCATTTCG	ATGACCACAGCTGCG
PcySERA10	AGGGCATTTCGTGAGGTACGA	CAGGAGGCCAGTTCTTGAG	TGCATCCAATTCTG
PcySERA11	GCGGACCTACTCCCTGGATT	CATCCCAATGGACGTATAATGCT	CCTAGCGGACGTCTC
<i>P. coatneyi</i>			
PcoTBB	CAGATGCTCAGCGTGCAGAA	TGTCACAAACGCTGGACTTAGTG	CTACTTCGTCGAATGGA
PcoSERA2	CGGGTAGCCATGTCAGATGA	GAGCGAGATGTTACGGGTTGA	CACACCATGGCGTCCG
PcoSERA3	GCTATCGGAATTAACCGGATCA	TGGCACTCTCATCATCGTACGT	CGTTCAAGGCGTAACAA
PcoSERA4	CAATGCAGGAATGGAATCGA	TCCCAAGTCGTACAGACCTTCAT	TTCACGTTCTGAAACAC
PcoTSERA2	CGTGATACGACAGAAGGTGATC	CATGTGACAGTTGGGTGCCTAA	CCAGCCTAGCACGTCA
PcoSERA5	ACTACGATGATGAGGCGGCTAA	TCCACTTGTAGGCACTACCACTGT	CAAAGTACCGAAACAAG
PcoSERA6	CACGTGCTTATATTGACGATGATG	CCTGACCGTCGACTACAGCAT	CGTGCTTGGTGAGAAG
PcoSERA7	GCGGACCTACTCCCTGGATT	AGACACCTCCCAATGGACGTAT	CCTGCAGGGACAAC
<i>P. knowlesi</i>			
PknTBB	CCTCCTACTTCGTGGAATGGAT	CCCTTTGGTGAATGTCACAA	CACCAAGTCCAGCGTT
PknSERA1	GGTCAACTGGAGGCAAATTCTG	CCTCGTCACTGTCACCTTACACA	CCATTGCAGCGTCTG
PknSERA2	AAATGGAAGTGGCGGATTGA	TCTGCACTCGGACCGCTATT	TCCCTGGAATACG
PknSERA3	TCACGAACCGAAGCATCATC	TCGACAATTTGCACTCGGAAT	CTGGACGAGTGCATAAA
PknTSERA2	TGGACACGACTGCTCGAGATC	TCTTACGCACTCTTCGTAATTG	CTCGGTGAATCCAG
PknSERA4	GAGGAAAAGTGAACAAGTGCAG	CGCTGTACAAGTGGACAGACAA	ACCACTACTCTCCTGGCT
PknSERA5	GTGGGAGGTGCAGTTACACTCA	TCGCTCAAAGTTCGTAATTCAC	CCGTGGACAATTCA
PknSERA6	TCCCAAGCAGACGTATCCTGTA	GAGACACCTGCCAATGGATGTA	CAGCATATTGACCTGTGC
<i>P. berghei</i>			
PbeTBB	GCTCCTTAAGATTTCCAGGTCAAC	TCCTCGACTTGTTAAAGGAGCAA	TTCCATTCCCAGGTTTAC
PbeSERA1	TGAACCTGCCTCAATTTCTACACA	GCCTGTTGATGGTATTTCTGATCTAC	CACATCAACCAACTGG
PbeSERA2	AAGCCAAACATGCCCAAGTT	GATCCGGAAGATGAACCTGAAG	AGTGTCACACCAAGTC
PbeSERA3	TTCAAATCCTAATGCCCAAAGC	AATTGATGCGGCATTTGCA	CCGTTACAGACACAGTCA
PbeSERA4	TTCGAGGGTACAAAGTATTGGTTTAA	TTCACCAGAATATAAGGTTGCCAAA	ACACTTCTCCTGGATATT
PbeSERA5	CCCTCCAGAGATCCTGAATACG	CACTAGGATCAAATCGTCGATTGT	CCTAGTTACCCAAGTATG