

Name	Lab-No.	Sequence (5'-3')	Purpose
PbPL-expression-fw	166	GAATTAAGAAGTCACAGCCGA	PbPL gene expression analysis (Figure 1)
PbPL-expression-rev	167	CTTTCTCCGTTTCACTAAGCA	PbPL gene expression analysis (Figure 1)
GAPDH-expression-fw	180	GAAGTGACATTGAAGTAGTTGC	GAPDH gene expression analysis (Figure 1)
GAPDH-expression-rev	181	TAATTGGTTGGCTGTTGAGG	GAPDH gene expression analysis (Figure 1)
PbPL-antiserum-fw	361	GCGGATCCTAAGGAAAAAGAATAC GTATCAGAGCATAC	His-PbPL ₁₉₅₋₃₁₂ expression in bacteria for generation of antiserum (Figure 1)
PbPL-antiserum-rev	362	GCCTCGAGCTAAATTTCCATACCAT CGTCAACAGTACC	His-PbPL ₁₉₅₋₃₁₂ expression in bacteria for generation of antiserum (Figure 1)
PbPL-GFP-fw	286	GCAGATCTATGCAAGCATTCTCTT TATAATC	PbPL-GFP expression in liver stage parasites (Figure 1)
PbPL-GFP-rev	287	GCAGATCTATTAGTTGTATTTTATC TATGATATTG	PbPL-GFP expression in liver stage parasites (Figure 1)
mCherry-fw	41	CGTAGGTACCAGCTTAATCTTTTC GAGCTCTTT	PbPL-GFP expression in liver stage parasites (Figure 1)
mCherry-rev	42	ACTGGGTACCCGAAATTGAAGGAA AAAACATCATTTG	PbPL-GFP expression in liver stage parasites (Figure 1)
Hsp70-Promoter-fw	6254	CCGGGTACCGTAATATTTTGTG GTGAGC	Generation of mCherry _{hsp70} parasites (Figure S1)
Hsp70-Promoter-rev	4213	GGGGATCCCTTTTTTAATTGTAA TTGTAATTTATTGG	Generation of mCherry _{hsp70} parasites (Figure S1)
Hsp70-3'UTR-fw	4214	GGGACTAGTTATTATTGTTCTGTAC TTCTTTTGTG	Generation of mCherry _{hsp70} parasites (Figure S1)
Hsp70-3'UTR-rev	4215	GGGGGTACCGAAAATACCAATAA TACCG	Generation of mCherry _{hsp70} parasites (Figure S1)
Primer-1	5510	GCAAAGTGAAGTTCAAATATGTG	Diagnostic PCR of GIMO _{ANKA} and mCherry _{hsp70} parasites (Figure S1)
Primer-2	6836	CGCAATTTGTTGTACATAAAATAG	Diagnostic PCR of GIMO _{ANKA} and mCherry _{hsp70} parasites (Figure S1)
Primer-3	6841	AAAATAAAAGGAGGGATCTAGAG	Diagnostic PCR of GIMO _{ANKA} and mCherry _{hsp70} parasites (Figure S1)
Primer-4	5511	AGTGACTTTCAGTGAAATCGC	Diagnostic PCR of GIMO _{ANKA} and mCherry _{hsp70} parasites (Figure S1)
Primer-5	6663	GTGAGCAAGGGCGAGGAG	Diagnostic PCR of GIMO _{ANKA} and mCherry _{hsp70} parasites (Figure S1)
Primer-6	5514	CTTGACAGCTCGTCCATGC	Diagnostic PCR of GIMO _{ANKA} and mCherry _{hsp70} parasites (Figure S1)
Primer-7	4698	GTTGCTAAACTGCATCGTC	Diagnostic PCR of GIMO _{ANKA} and mCherry _{hsp70} parasites (Figure S1)
Primer-8	4699	GTTTGAGGTAGCAAGTAGACG	Diagnostic PCR of GIMO _{ANKA} and mCherry _{hsp70} parasites (Figure S1)
Primer-1	424	TGCTCTTCTACCAAGATACGCACT	Diagnostic PCR of WT, KO and KO-MF parasites (Figure 2)

Primer-2	425	TGCATACCCAAATGGCGAAT	Diagnostic PCR of WT, KO and KO-MF parasites (Figure 2)
Primer-3	420	CTTTGGTGACAGATACTAC	Diagnostic PCR of WT, KO and KO-MF parasites (Figure 2)
Primer-4	426	CCCAAAGGTGCTGAATATGCATTC CGT	Diagnostic PCR of WT, KO and KO-MF parasites (Figure 2)
Primer-5	577	GTGACAGGGGGAATG	Diagnostic PCR of WT, KO and KO-MF parasites (Figure 2)
Primer-6	578	GATAGCACTACCACCGG	Diagnostic PCR of WT, KO and KO-MF parasites (Figure 2)
Primer-7	579	CCACCAATTTAAAGATAGTGTG	Diagnostic PCR of WT, KO and KO-MF parasites (Figure 2)
PbPL-5FR-fw	646	AACCGCGCGGAAAATTTTCATTGT ATTACATCAAT	Generation of complemented KO parasites (Figure 3)
PbPL-nterm-rev	637	TCTTCTGTATGTTCTGATATGG	Generation of complemented KO parasites (Figure 3)
PbPL-cterm-fw	579	CCACCAATTTAAAGATAGTGTG	Generation of complemented KO parasites (Figure 3)
PbPL-cterm-rev	632	AAGCGGCCGCATTAGTTGATTTTT ATCTATGATATTG	Generation of complemented KO parasites (Figure 3)
Primer-1	728	GTGTAGTAACATCAGTTATTGTGTG	Diagnostic PCR of complemented KO parasites (Figure 3)
Primer-2	729	ATACTGTATAACAGGTAAGCTGTTA TTGTG	Diagnostic PCR of complemented KO parasites (Figure 3)
Primer-3	730	TTTCCCAGTCACGACGTTG	Diagnostic PCR of complemented KO parasites (Figure 3)
Primer-4	731	CTTAGTGTTTTGTATTAATGTCGATT TG	Diagnostic PCR of complemented KO parasites (Figure 3)
Pb18S-fw	793	AAGCATTAATAAAGCGAATACATC CTTAC	Real-time PCR for determination of liver load (Figure S3)
Pb18S-rev	794	GGAGATTGGTTTTGACGTTTATGTG	Real-time PCR for determination of liver load (Figure S3)
MmHPRT-fw	795	GTAATGATCAGTCAACGGGGGAC	Real-time PCR for determination of liver load (Figure S3)
MmHPRT-rev	796	CCAGCAAGCTTGCAACCTTAACCA	Real-time PCR for determination of liver load (Figure S3)