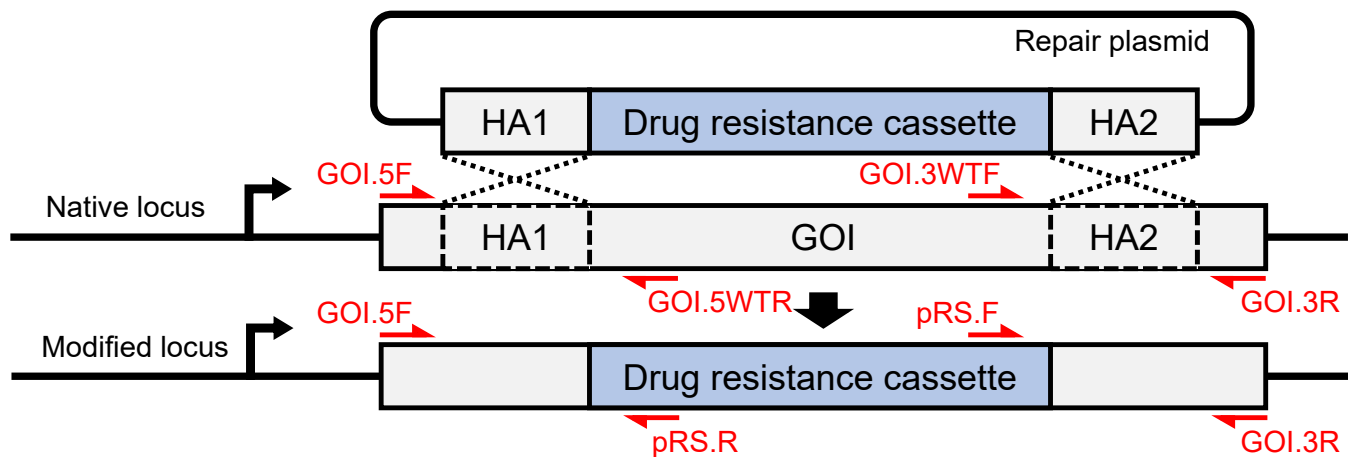


A



B

PCR reaction	Primer combination		Parasite line
	Forward	Reverse	
$\Delta 5'$	GOI.5F	pRS.R	Gene knockout lines
$\Delta 3'$	pRS.F	GOI.3R	
5'	GOI.5F	GOI.5WTR	
3'	GOI.3WTF	GOI.3R	
$\Delta 5'$	GOI.5F	pRS.R	PfMev (parental)
$\Delta 3'$	pRS.F	GOI.3R	
5'	GOI.5F	GOI.5WTR	
3'	GOI.3WTF	GOI.3R	

C

Gene of interest	Anticipated amplicon sizes (bp)			
	$\Delta 5'$	$\Delta 3'$	5'	3'
<i>sufC</i>	467	389	486	457
<i>sufD</i>	593	582	636	649
<i>sufE</i>	490	543	556	656
<i>sufS</i>	584	677	691	754
<i>mnmA</i>	605	577	626	617