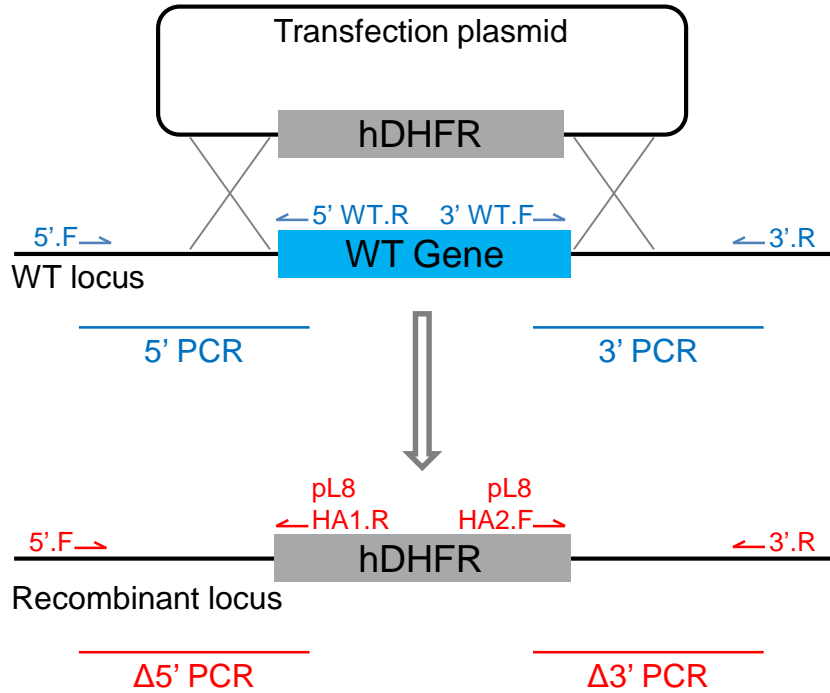


A



B

Gene Deletion Genotype PCR Reactions				
Lane	PCR Reaction	Primer Combination		Parasite Line
1	Δ5'	5'.F	pL8HA1.R	Gene deletion line
2	Δ3'	pL8HA2.F	3'.R	
3	5' WT	5'.F	5'WT.R	
4	3' WT	3'WT.F	3'.R	
5	Δ5'	5'.F	pL8HA1.R	PfMev parental Line
6	Δ3'	pL8HA2.F	3'.R	
7	5' WT	5'.F	5'WT.R	
8	3' WT	3'WT.F	3'.R	

C

Expected Amplicon Sizes (bp)				
Line	Δ5' PCR	Δ3' PCR	5' WT PCR	3' WT PCR
oTPT	562	776	614	816
iTPT	508	668	528	744
TPI	539	730	584	780
PyrKII	597	768	749	909
PDH E2	525	639	1,008	816
DXS	476	406	612	468