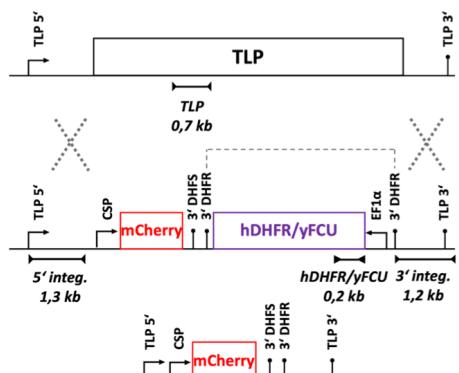


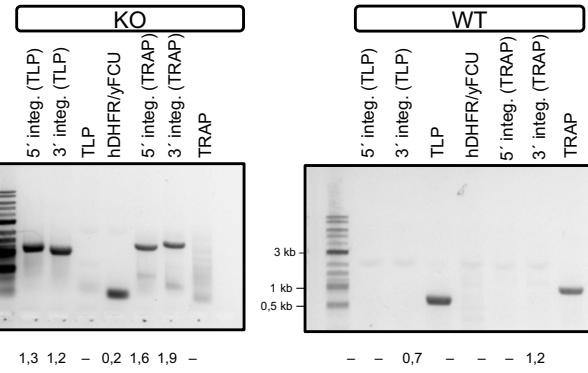
Figure S1

Generation of TLP(-)/TRAP(-) parasites

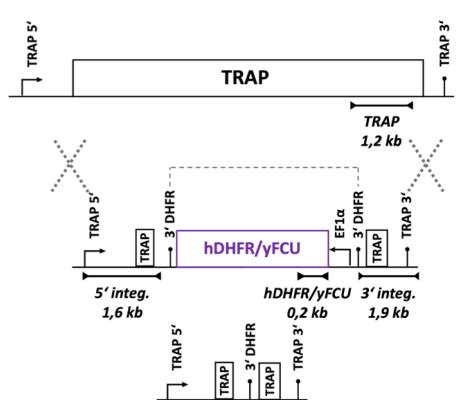
A



C



B



D

| target | Forward primer | reverse primer | predicted length |
|-------------------|----------------|----------------|------------------|
| 5' integr. (TLP) | P112 | P244 | 1,3 kb |
| 3' integr. (TLP) | P586 | P113 | 1,2 kb |
| TLP | P1192 | P1193 | 0,7 kb |
| hDHFR/yFCU | P187 | P241 | 0,2 kb |
| 5' integr. (TRAP) | P171 | P513 | 1,6 kb |
| 3' integr. (TRAP) | P586 | P174 | 1,9 kb |
| TRAP | P599 | P595 | 1,2 kb |