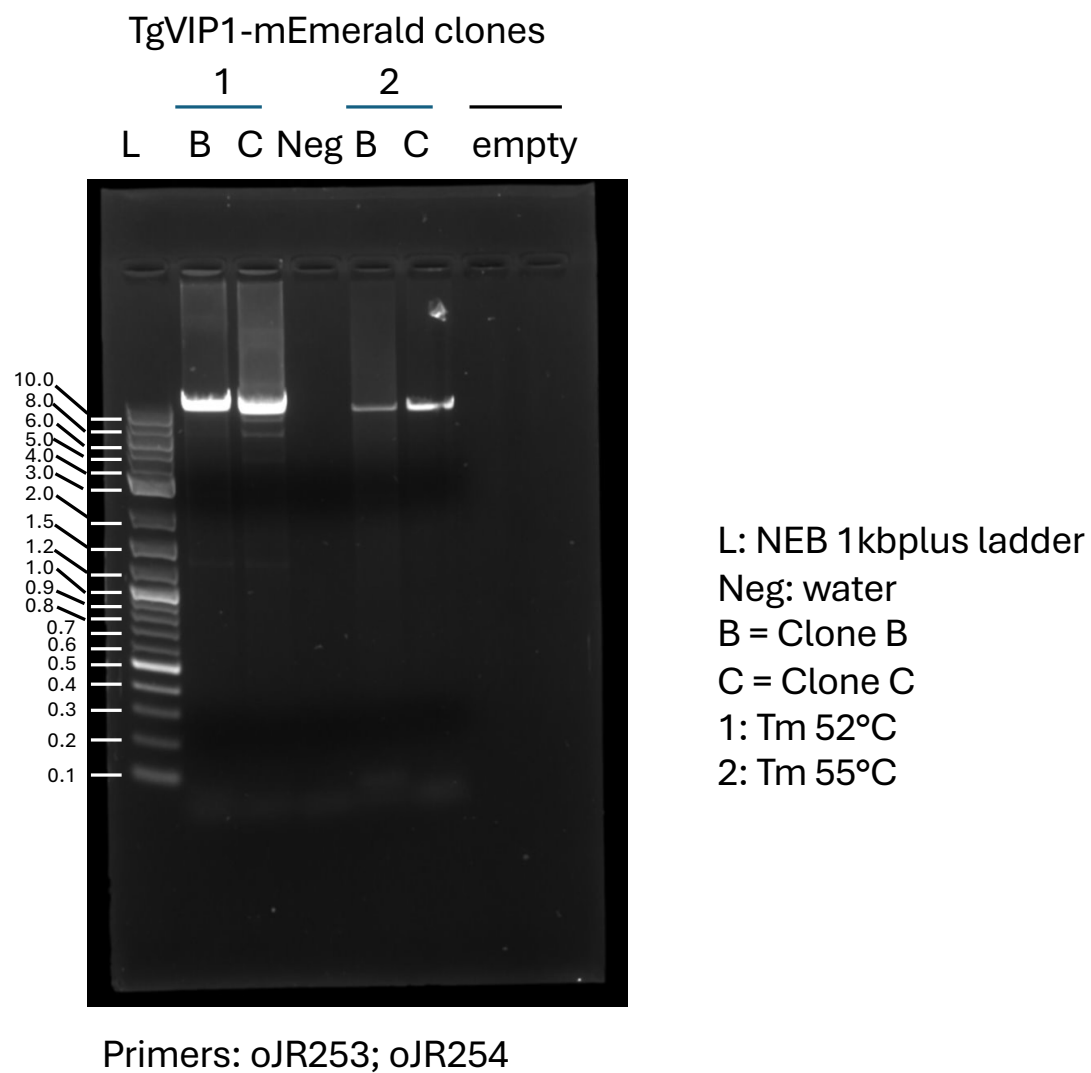
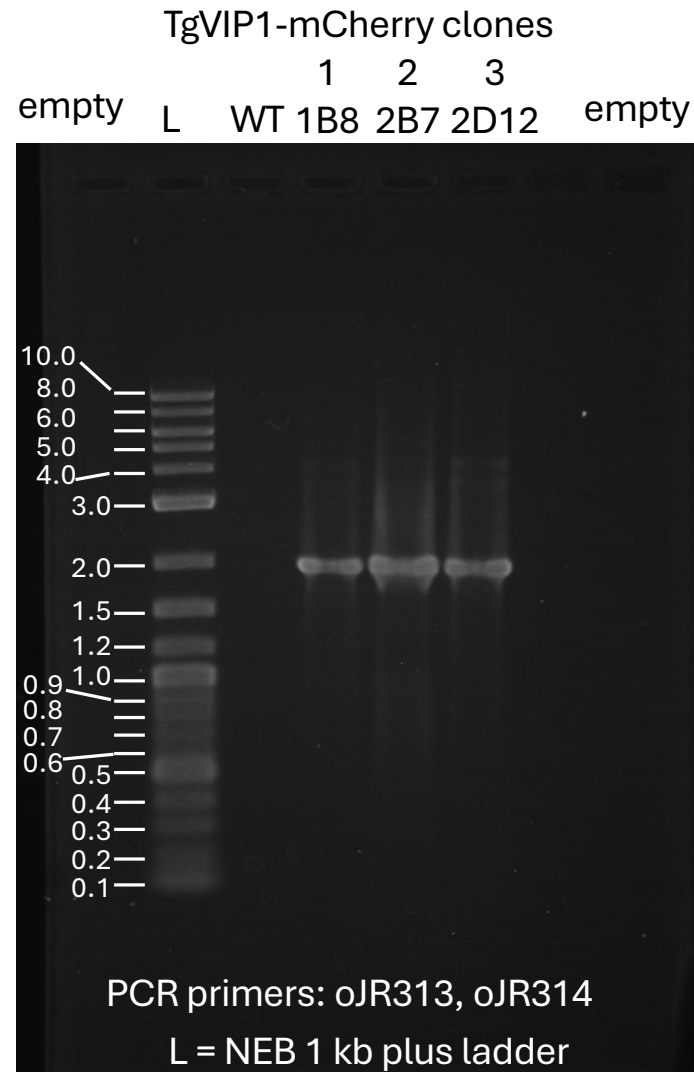


Panel C



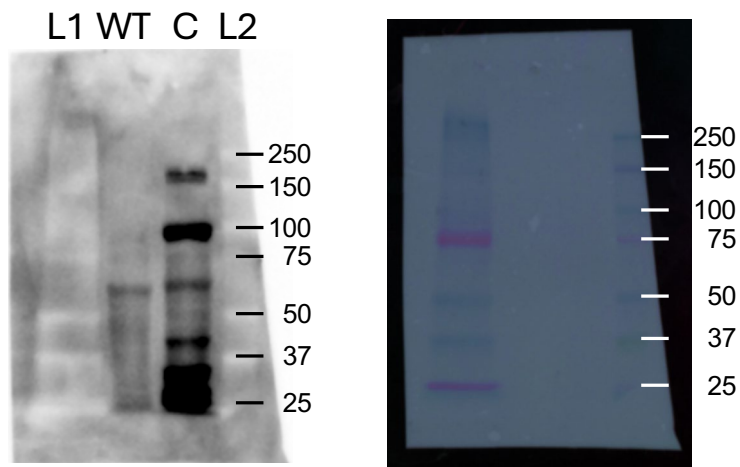
Panel D



Extended Data Figure 3

Panel E

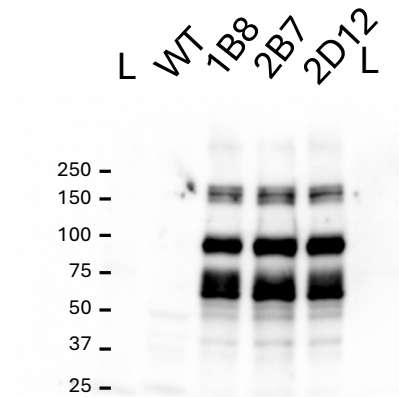
Western of TgVIP1-mEmerald clones



L1: Precision Plus Dual Color
WT: parental parasites
C: TgVIP1-mEmerald clone C
L2: Precision Plus Kaleidoscope

Panel F

Western of TgVIP1-mCherry clones

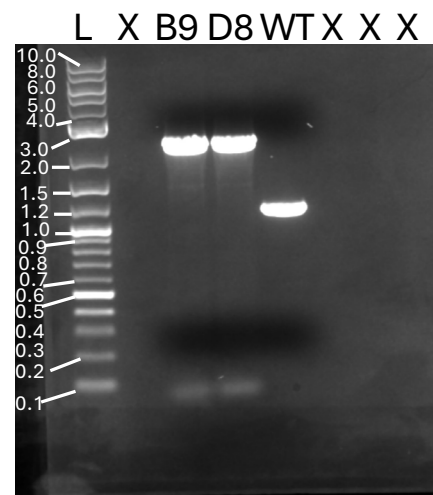


L1: Precision Plus Kaleidoscope
WT: parental parasites
1B8: TgVIP1-mCherry clone
2B7: TgVIP1-mCherry clone
2D12: TgVIP1-mCherry clone
L2: Precision Plus Dual Color



Panel J

$\Delta vip1$ clones



PCR primers: oJR255, oJR257

L= NEB 1kb plus

X = empty lane