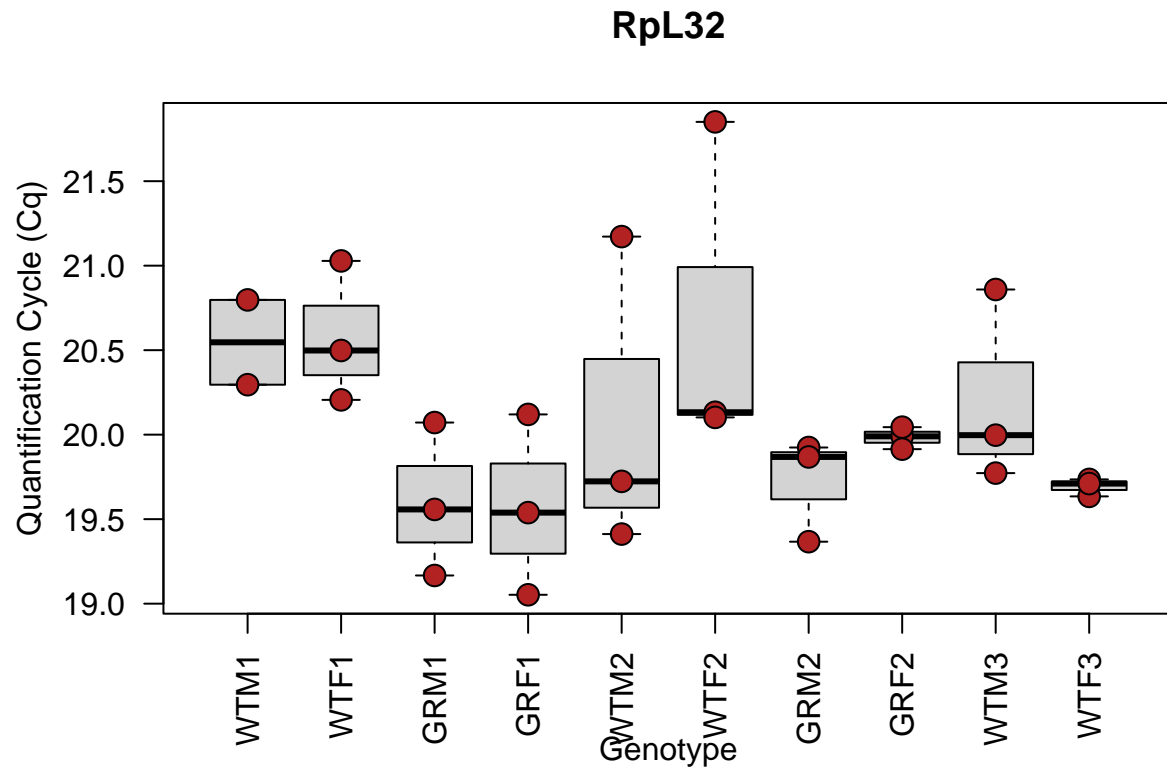
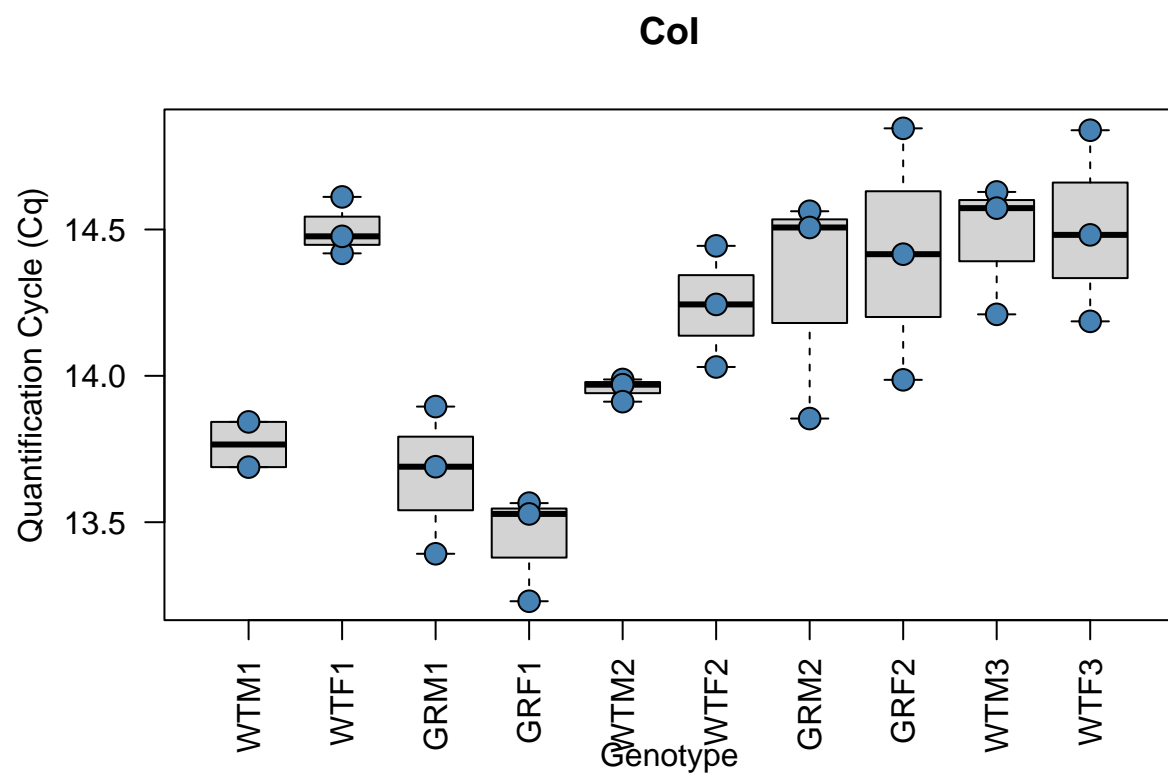


John CoI and RpL32 in G85R and WT Analysis

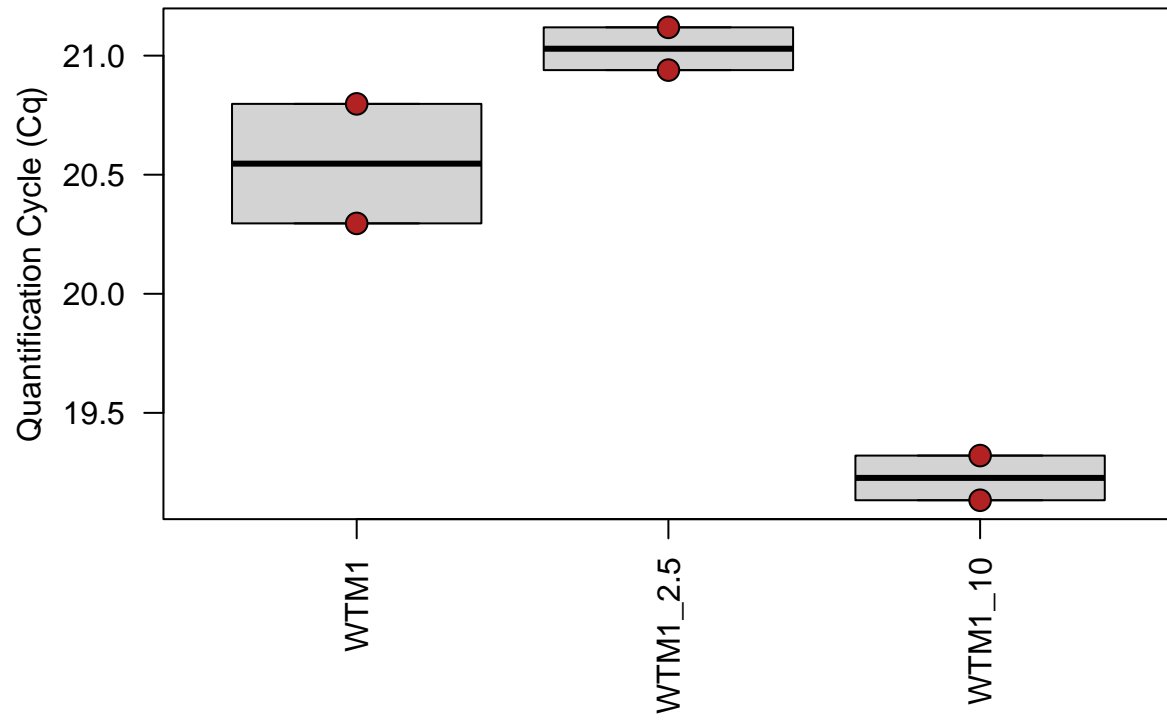
John Santiago

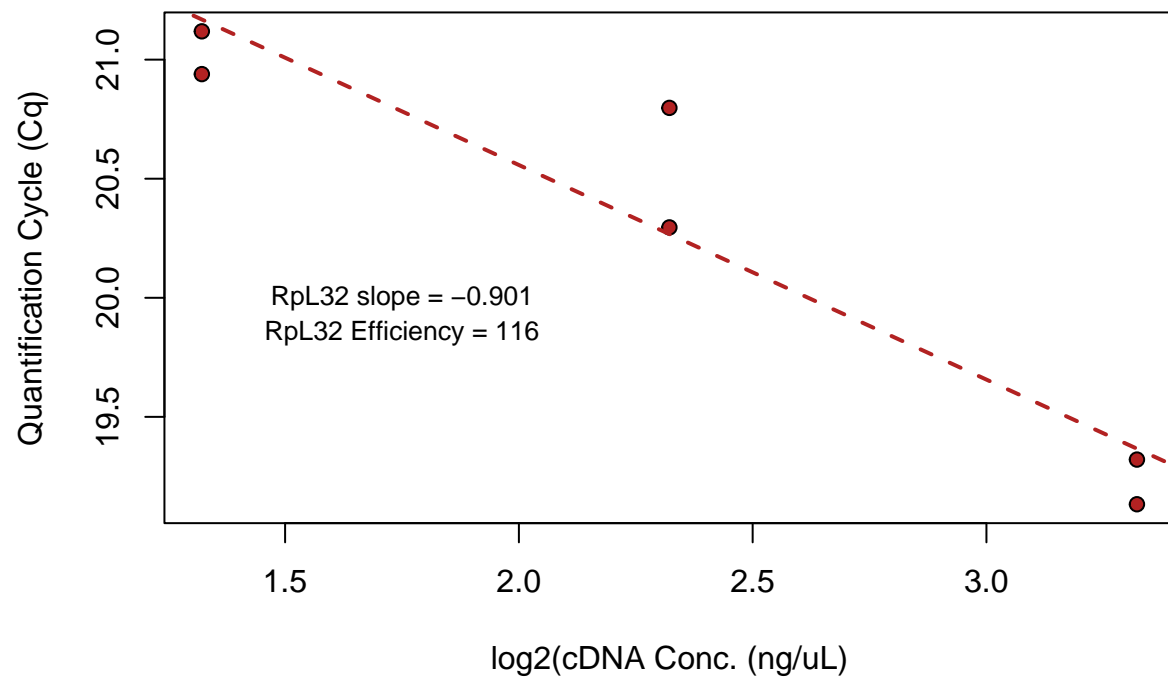
2023-12-14



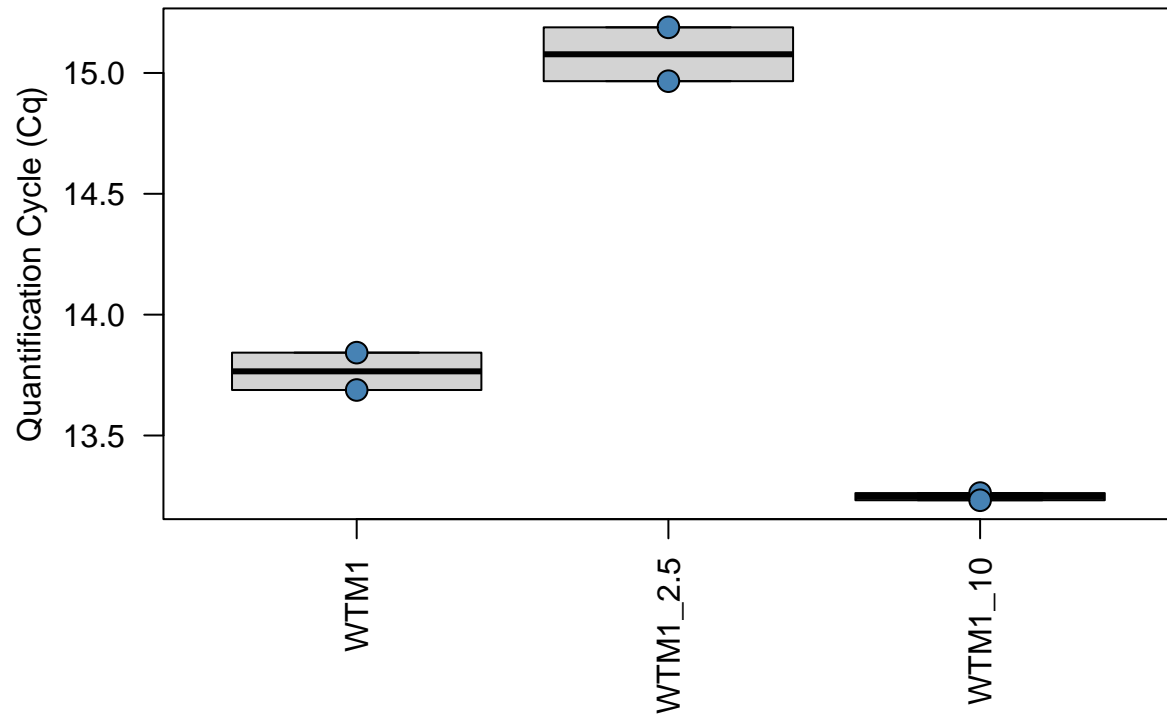


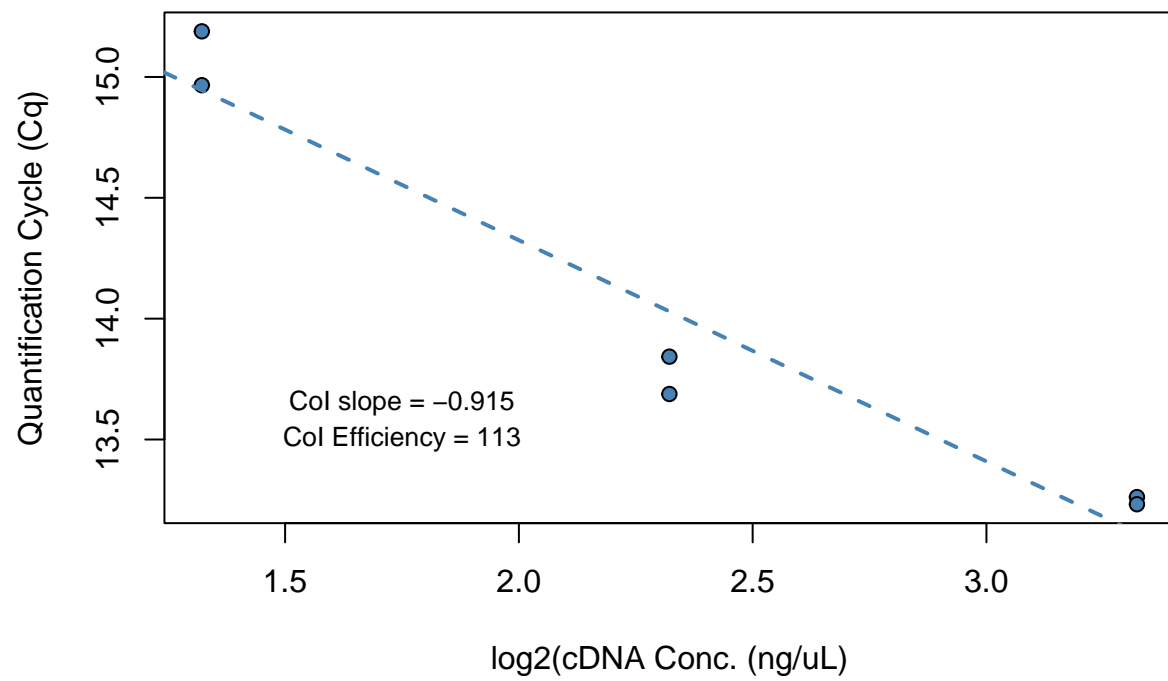
RpL32 Efficiency

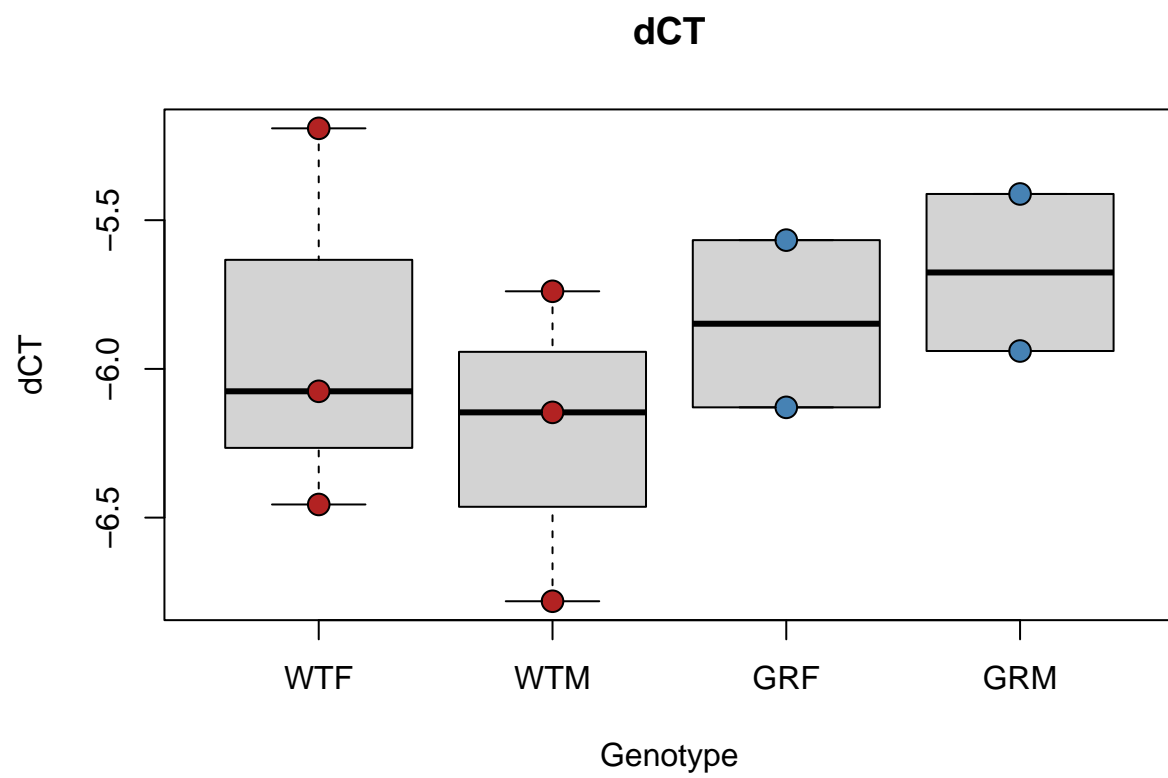


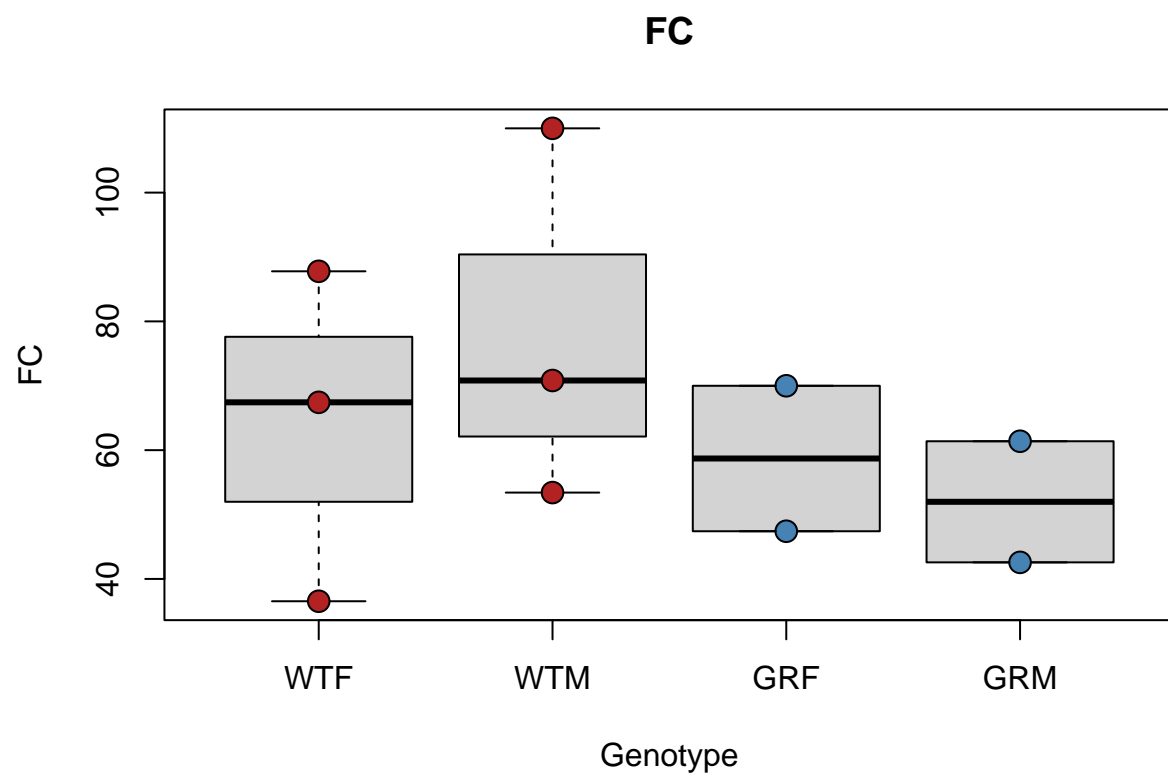


Col Efficiency










```
dCT.aov = aov(mean.Ct$dCt~mean.Ct$Genotype)
```

```
summary(dCT.aov)
```

```
##              Df Sum Sq Mean Sq F value Pr(>F)
## mean.Ct$Genotype 3 0.3982  0.1327   0.471  0.714
## Residuals        6 1.6907  0.2818
```

```
TukeyHSD(dCT.aov)
```

```
##    Tukey multiple comparisons of means
##      95% family-wise confidence level
##
## Fit: aov(formula = mean.Ct$dCt ~ mean.Ct$Genotype)
##
## $'mean.Ct$Genotype'
##              diff          lwr          upr          p adj
## WTM-WTF -0.31462610 -1.815026  1.185774  0.8834168
## GRF-WTF  0.05931707 -1.618181  1.736816  0.9992688
## GRM-WTF  0.23161695 -1.445882  1.909115  0.9612476
## GRF-WTM  0.37394317 -1.303555  2.051442  0.8645443
## GRM-WTM  0.54624305 -1.131255  2.223742  0.6879471
## GRM-GRF  0.17229988 -1.665308  2.009907  0.9870332

## [1] "Relative mtDNA levels in Male G85R/WT = 0.685"

## [1] "Relative mtDNA levels in Female G85R/WT = 0.96"
```