```
require(tikzDevice)
tikz('time-course2.tex', standAlone = TRUE, width = 6, height = 5)

data <- read.table("YFP-timecourse-data.txt")

dpd2  <- subset(data, DPD == 2)[,2]
dpd4  <- subset(data, DPD == 4)[,2]
dpd6  <- subset(data, DPD == 6)[,2]
dpd8  <- subset(data, DPD == 8)[,2]
dpd12 <- subset(data, DPD == 12)[,2]
dpd13 <- subset(data, DPD == 13)[,2]

mydata  <- data.frame(DPD.02 = dpd2, DPD.04 = dpd4, DPD.06 = dpd6, DPD.08 = dpd8, DPD.12 = dpd12, DPD.13
= dpd13)
mydata2 <- stack(mydata)

xcoord  <- rep(0, length(mydata2$ind))
xcoord[mydata2$ind=="DPD.02"]<- 1
xcoord[mydata2$ind=="DPD.04"]<- 2
xcoord[mydata2$ind=="DPD.06"]<- 3
xcoord[mydata2$ind=="DPD.08"]<- 4
xcoord[mydata2$ind=="DPD.12"]<- 5
xcoord[mydata2$ind=="DPD.13"]<- 6

boxplot(mydata, names = c("2","4","6","8","12","13"), par(cex.axis=1.5,mar=c(4,4.5,0.4,0.4)))
par(new=T)
plot(xcoord, mydata2$values, xlim=c(0.5,6.5), axes=F, ylab="YFP Intensity", xlab="DPD",cex.lab=1.5)

dev.off()
tools::texi2dvi('time-course2.tex',pdf=T)

tikz('imprint-off2.tex', standAlone = TRUE, width = 4, height = 6)
imprint <- data.frame(DPD.02 = dpd2, DPD.13 = dpd13)
imprint2 <-stack(imprint)

xcoord.imprint <- rep(0, length(imprint2$ind))
xcoord.imprint[imprint2$ind=="DPD.02"]<-1
xcoord.imprint[imprint2$ind=="DPD.13"]<-2

boxplot(imprint, names = c("2","13"), par(cex.axis=1.5,mar=c(4,4.5,0.4,0.4)))
par(new=T)
plot(xcoord.imprint, imprint2$values, xlim=c(0.5,2.5), axes=F, ylab="YFP Intensity",
xlab="DPD",cex.lab=1.5)

dev.off()
tools::texi2dvi('imprint-off2.tex',pdf=T)

tikz('imprint-on2.tex', standAlone = TRUE, width = 4, height = 6)
data2 <- read.csv("Reactivation.csv")

txt  <- subset(data2, Treatment == "TXT")[,2]
ntxt <- subset(data2, Treatment == "NoTXT")[,2]
treat  <- data.frame(Vehicle = ntxt, Topotecan = txt)
treat2 <- stack(treat)

xcoord.treat <- rep(0, length(treat2$ind))
xcoord.treat[treat2$ind=="Topotecan"]<-2
xcoord.treat[treat2$ind=="Vehicle"]  <-1

boxplot(treat, names = c("Vehicle","Topotecan"), par(cex.axis=1.5,mar=c(4,4.5,0.4,0.4)))
par(new=T)
plot(xcoord.treat, treat2$values, xlim=c(0.5,2.5), axes=F, ylab="YFP Intensity", xlab="DPD",cex.lab=1.5)
dev.off()
tools::texi2dvi('imprint-on2.tex',pdf=T)
```