

Calmodulin model plots

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Load necessary libraries

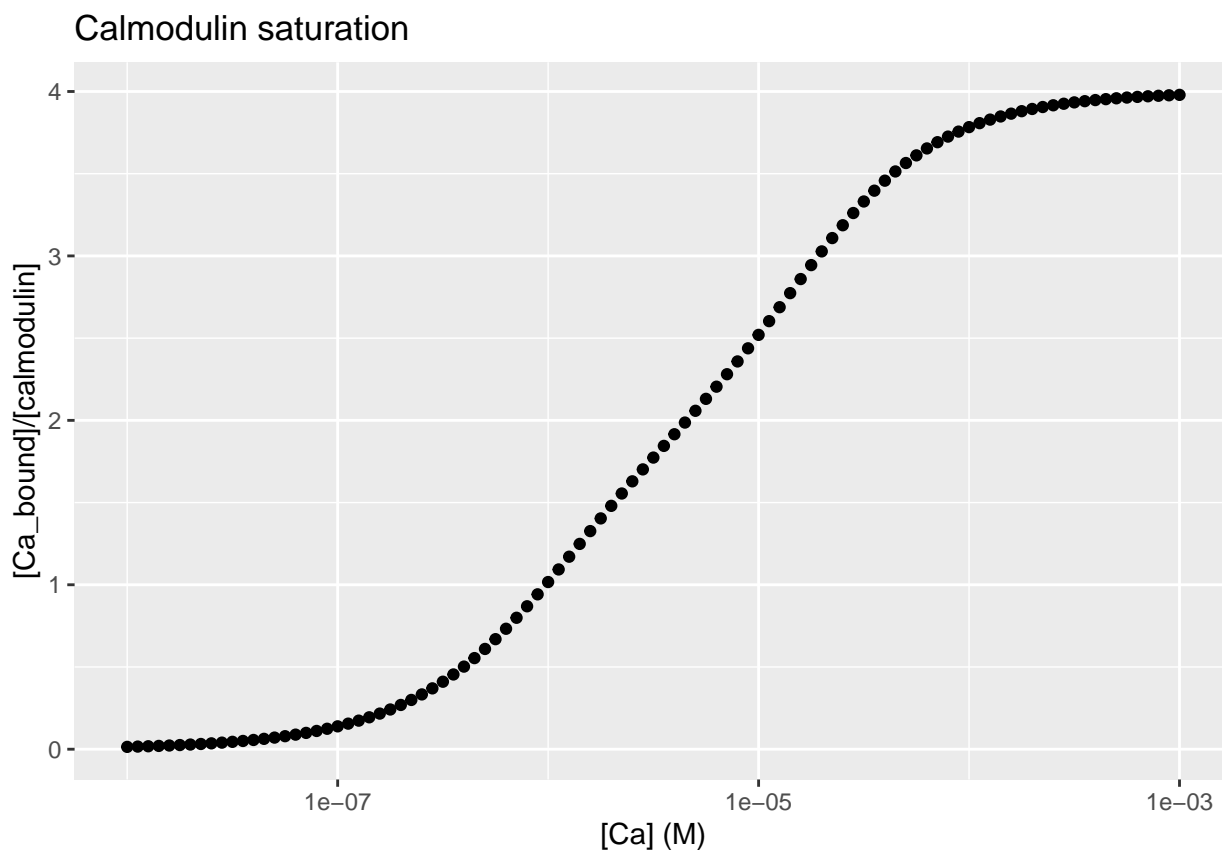
```
library(ggplot2)
```

Figure 3

Import data (this assumes the working directory is set correctly)

```
figure3 <- read.table("Figure3.txt", sep="\t", header=FALSE)
names(figure3) <- c("Ca", "saturation")
```

```
p3 <- ggplot(figure3, aes(x=Ca, y=saturation))
p3 <- p3 + geom_point() + scale_x_log10()
p3 <- p3 + ylab("[Ca_bound]/[calmodulin]") + xlab("[Ca] (M)")
p3 <- p3 + ggtitle("Calmodulin saturation")
p3
```



```
png("calmodulin_saturation.png", width = 4, height = 4, units = 'in', res = 300)
p3
dev.off
```

```
## function (which = dev.cur())
## {
##     if (which == 1)
##         stop("cannot shut down device 1 (the null device)")
##     .External(C_devoff, as.integer(which))
##     dev.cur()
## }
## <bytecode: 0x564c04593168>
## <environment: namespace:grDevices>
```