

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
```

