SUPP_FIG_4

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```
library(reshape2)
library(ggplot2)
```

Fig. S4

```
df5 <- read.csv('memory_and_runtime.log_parser.txt', sep = ' ', header = F)
names(df5) <- c("SM", "n_cell", "run_mode", "mean_n_reads", "total_n_reads", "duration_hrs", "cores", "vmem_Gb")
df6 <- melt(df5, id.vars = c("SM", "cores", "run_mode", "n_cell"))
head(df6)
```

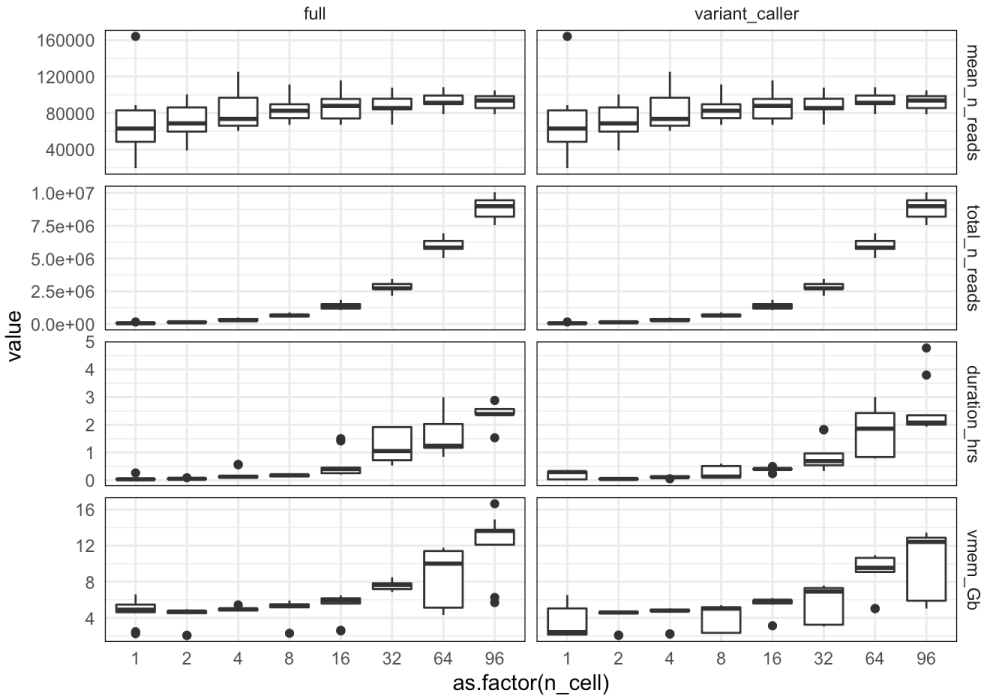
```
##           SM cores       run_mode n_cell     variable  value
## 1 NA19098_r1    36           full      1 mean_n_reads  88701
## 2 NA19098_r1    36 variant_caller      1 mean_n_reads  88701
## 3 NA19098_r2    36           full      1 mean_n_reads  56970
## 4 NA19098_r2    36 variant_caller      1 mean_n_reads  56970
## 5 NA19098_r3    36           full      1 mean_n_reads 164124
## 6 NA19098_r3    36 variant_caller      1 mean_n_reads 164124
```

```
g1 <- ggplot(df6, aes(x = as.factor(n_cell), y = value))+
  geom_boxplot() +
  facet_grid(variable~run_mode, scales = "free")+
  theme_minimal()+
  theme(panel.border = element_rect(colour = "black", fill=NA, size=0.5))

pdf('/Users/giovanni/hoffman_folder/micro_indel_project/FIGS/S4.pdf')
g1
dev.off()
```

```
## quartz_off_screen
##                 2
```

```
g1
```


full
variant_caller
mean_n_reads
total_n_reads
duration_hrs
vmem_Gb
value
as.factor(n_cell)
1
2
4
8
16
32
64
96