Seattle babystool plots

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Quantification of A. halotolerans and I. halotolerans spike-in controls in baby stool

#load libraries

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

#set theme

```
theme_set(theme_bw())
```

#import data

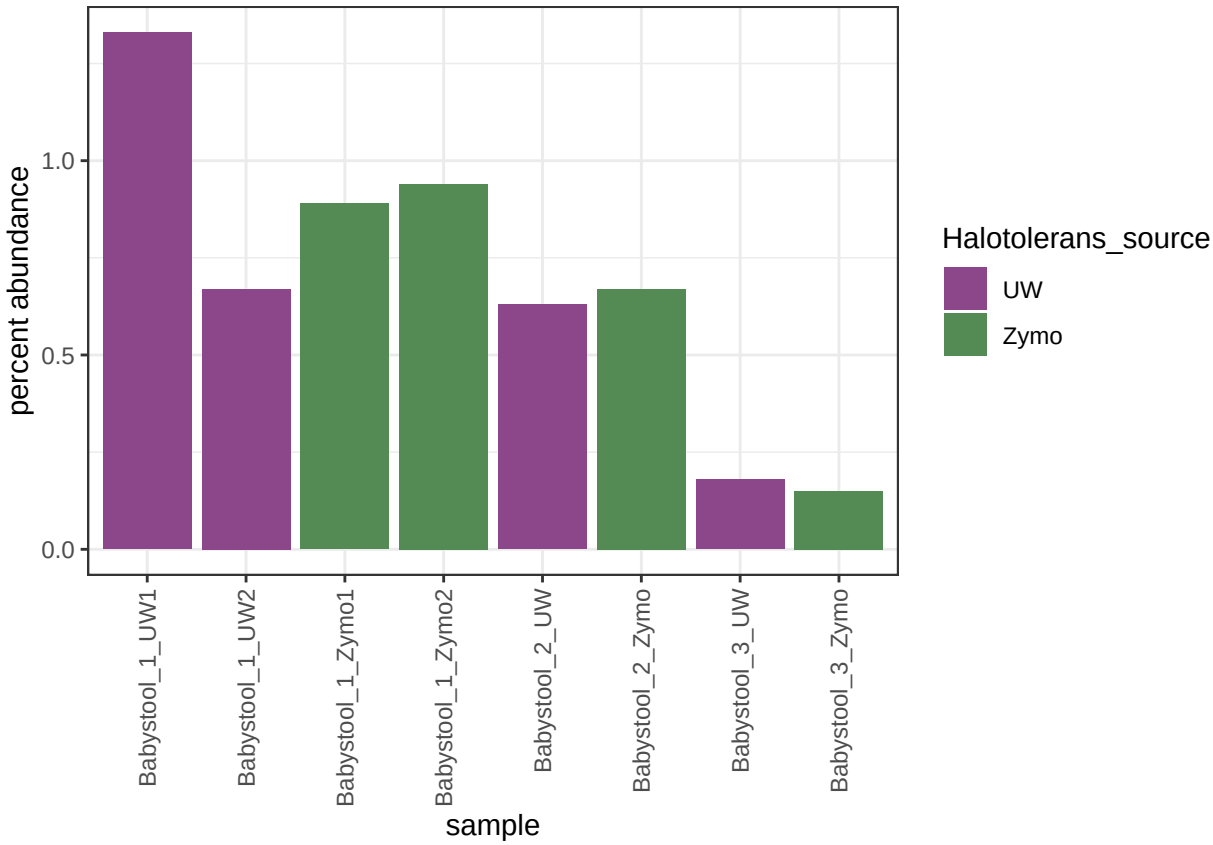
```
Seatt_BS<-read.csv("Seattle_babystool.csv")
```

#melt data and subset Ah and Ih

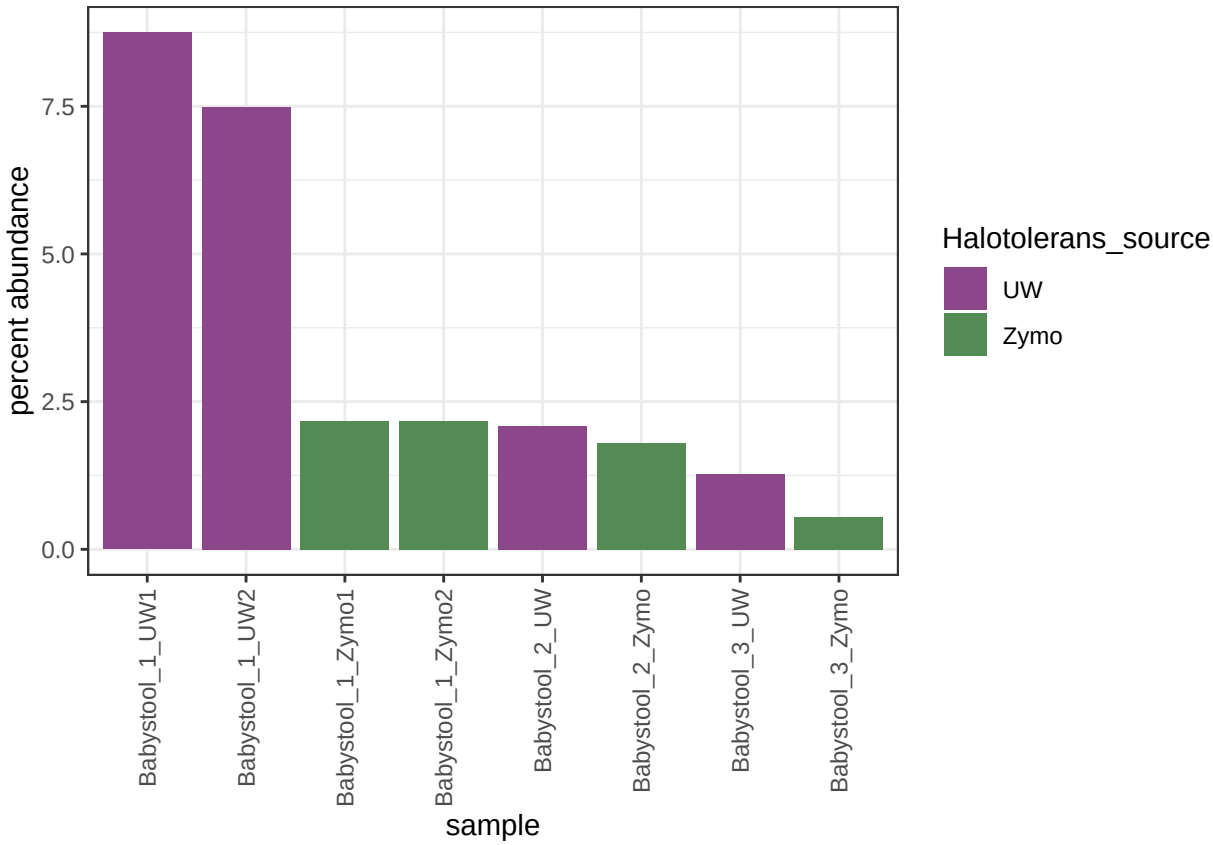
```
Seatt_BS_melt<-melt(Seatt_BS, id.vars=c("Sample", "baby", "spike", "Halotolerans_source", "Description"

Seatt_BS_melt_Ah<-subset(Seatt_BS_melt, variable=="Ah_normalized_abundance_.")
Seatt_BS_melt_Ih<-subset(Seatt_BS_melt, variable=="Ih_normalized_abundance_.")
```

#make barplots

```
Ah_bar<-ggplot(Seatt_BS_melt_Ah, aes(fill=Halotolerans_source, y=value, x=Description))+geom_bar(stat="
Ah_bar + theme(axis.text.x = element_text(angle = 90, vjust = 0.5, hjust=1))
```




```
Ih_bar<-ggplot(Seatt_BS_melt_Ih, aes(fill=Halotolerans_source, y=value, x=Description))+geom_bar(stat="
Ih_bar + theme(axis.text.x = element_text(angle = 90, vjust = 0.5, hjust=1))
```


percent abundance
7.5
5.0
2.5
0.0
Babystool_1_UW1
Babystool_1_UW2
Babystool_1_Zymo1
Babystool_1_Zymo2
Babystool_2_UW
Babystool_2_Zymo
Babystool_3_UW
Babystool_3_Zymo
sample
Halotolerans_source
UW
Zymo