

violin-plots

Anna MacFarlane

11/14/2020

Violin plots

```
graph <- data %>%  
  filter(! is.na(Proportional.Volume)) %>%  
  filter(! is.na(genotype)) %>%  
  filter(genotype != "") %>%  
  group_by(genotype) %>%  
  select(Proportional.Volume, genotype)  
  
ggplot(data = graph, aes(factor(genotype), Proportional.Volume)) +  
  geom_violin() +  
  labs(x = "Genotype",  
       y = "Hippocampal prop. vol. (cubic mm)",  
       title = "Distributions of hippocampal proportional volumes by genotype")
```

