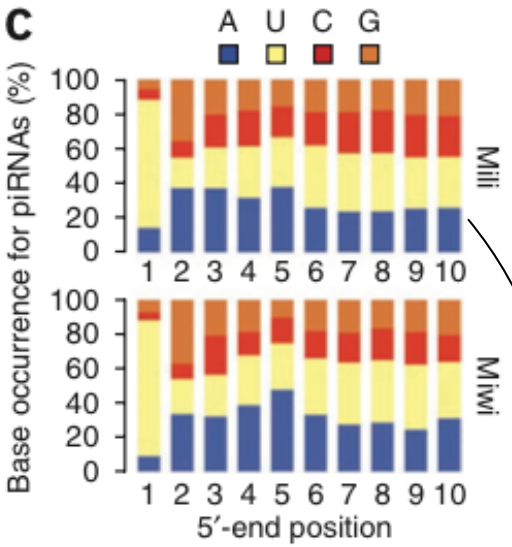
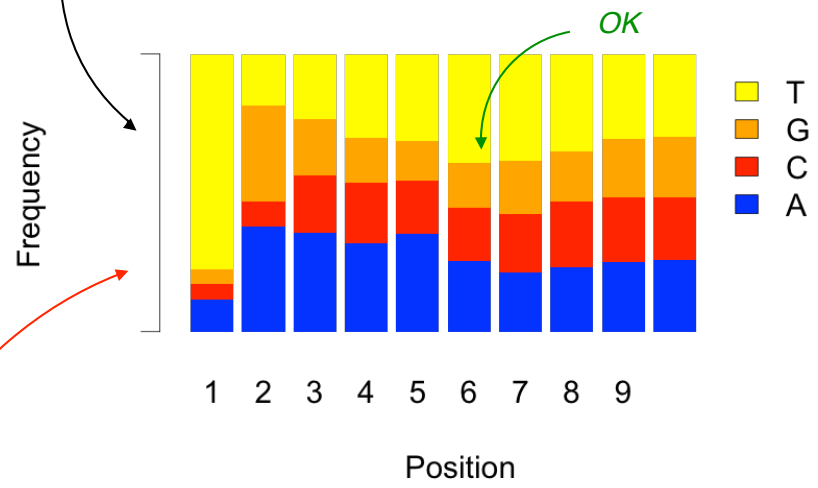
Nucleotide Frequencies in first 10 positions

piRNAs




```
30  f10 = alphabetByCycle(seq) [1:4, 1:10]
31  F10 = data.frame(f10)
32  colnames(F10) = c(1,seq(2,10,1))
33  rownames(F10) = c("A", "C", "G", "T")
34
35  png("MILIsample1_First10.png", bg = "transparent", width = 800,
36      height = 600, pointsize = 30)
37  barplot(as.matrix(F10), xlab = "Position", axes = F,
38          names.arg = c(1, seq(2,10,1)),
39          legend.text = T,
40          args.legend = list(x=ncol(f10)+5, y=max(colSums(f10)), bty = "n"),
41          col = c("Blue", "Red", "Orange", "Yellow"),
42          xlim = c(0, ncol(f10)+3),
43          ylab = "Frequency",
44          border = F)
45  axis(side = 2, labels = F, at = c(0,sum(F10[,1])))
46  dev.off()
```



need: convert values to frequencies to fix up scale