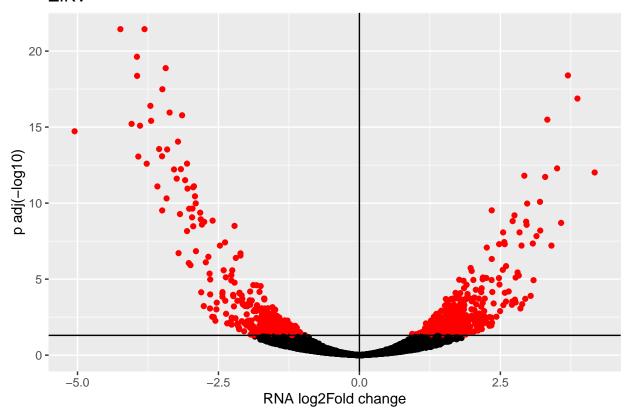
# Exploratory Data Analysis

## ZIKV



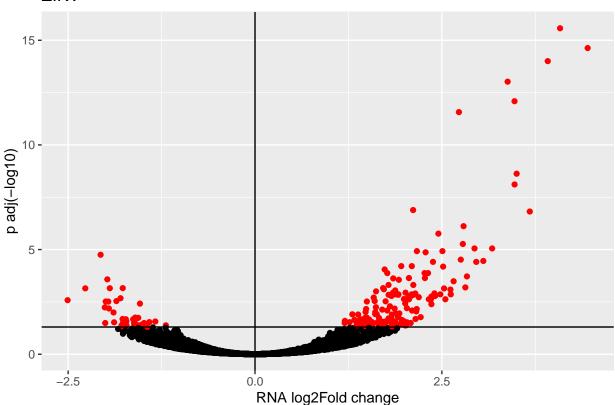
```
df.ZIKV_DE.sub <- subset(df.ZIKV_DE, !is.na(padj))
# Count of Up regulated with q < 0.05
(df.ZIKV_DE.sub$log2FoldChange > 0 & df.ZIKV_DE.sub$padj < 0.05) %>% sum()
```

#### ## [1] 445

```
# Count of Down regulated with q < 0.05 (df.ZIKV_DE.sub$log2FoldChange < 0 & df.ZIKV_DE.sub$padj < 0.05) %>% sum()
```

### ## [1] 335

## ZIKV



```
df.DENV_DE.sub <- subset(df.DENV_DE, !is.na(padj))
# Count of Up regulated with q < 0.05
(df.DENV_DE.sub$log2FoldChange > 0 & df.DENV_DE.sub$padj < 0.05) %>% sum()
```

```
## [1] 156
```

```
# Count of Down regulated with q < 0.05 (df.DENV_DE.sub$log2FoldChange < 0 & df.DENV_DE.sub$padj < 0.05) %>% sum()
```

## [1] 37