

Results_3

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```
library(dplyr)
library(Seurat)
library(cowplot)
library(bigmemory)

R048_1 <- Read10X(data.dir = "~/Dropbox/DataScience/Fiver/R048_1/")%>%
  CreateSeuratObject(min.cells = 30, min.features = 2000,project = "R048 Exp.1")
DMSO_1 <- Read10X(data.dir = "~/Dropbox/DataScience/Fiver/DMSO_1/")%>%
  CreateSeuratObject(min.cells = 30, min.features = 2000,project = "DMSO Exp.1")

mix_1 <- merge(x=R048_1,y= DMSO_1)%>%
  NormalizeData(verbose = FALSE)%>%
  FindVariableFeatures(selection.method = "vst", nfeatures = 2000)

rm(R048_1,DMSO_1)

R048_2 <- Read10X(data.dir = "~/Dropbox/DataScience/Fiver/R048_2/")%>%
  CreateSeuratObject(min.cells = 30, min.features = 2000,project = "R048 Exp.2")
DMSO_2 <- Read10X(data.dir = "~/Dropbox/DataScience/Fiver/DMSO_2/")%>%
  CreateSeuratObject(min.cells = 30, min.features = 2000,project = "DMSO Exp.2")

mix_2 <- merge(x=R048_2,y= DMSO_2)%>%
  NormalizeData(verbose = FALSE)%>%
  FindVariableFeatures(selection.method = "vst", nfeatures = 2000)

rm(R048_2,DMSO_2)

mix_full <- merge(x=mix_1,y=mix_2)

rm (mix_1,mix_2)

FeatureScatter(object = mix_full, feature1 = "nCount_RNA", feature2 = "nFeature_RNA",pt.size = 1,
```

