R implementation

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Loaded functions:

```
#source("/media/Data/Dropbox/humanR/01funcs.R")
rm(list=ls())
#setwd("/media/Data/Dropbox/humanR/PD/")
#setwd("~/Dropbox/humanR/PD/")
###load("PD.Rdata", .GlobalEnv)
#lsos(pat="")
```

2 Load packages.

1 Virus analysis

- 1.1 Classification of viruses and other phyla
- Kraken is used for read classification. Deploying Kraken is documented here. Database used for
- 6 classification are those of NCBI (date: 3/30/2016).

```
1 Describe the sample preparation protocol
```

1 Add github link after creating repo

7 2 System Information

8 The version number of R and packages loaded for generating the vignette were:

```
###save(list=ls(pattern=".*|.*"),file="PD.Rdata")
```

```
sessionInfo()
R version 3.2.1 (2015-06-18)
Platform: x86_64-unknown-linux-gnu (64-bit)
Running under: elementary OS Luna
locale:
                                          LC_NUMERIC=C
LC_COLLATE=en_US.UTF-8
[1] LC_CTYPE=en_US.UTF-8
 [3] LC_TIME=en_US.UTF-8
[3] LC_TIME=en_US.UTF-8

[5] LC_MONETARY=en_US.UTF-8

LC_MESSAGES=en_US.UTF-8

LC_NAME=en_US.UTF-8
[7] LC_PAPER=en_US.UTF-8 LC_NAME=en_US.UTF-8
[9] LC_ADDRESS=en_US.UTF-8 LC_TELEPHONE=en_US.UTF-8
[11] LC_MEASUREMENT=en_US.UTF-8 LC_IDENTIFICATION=en_US.UTF-8
attached base packages:
[1] stats graphics grDevices utils datasets methods
[7] base
other attached packages:
[1] knitr_1.10.5 tidyr_0.2.0 dplyr_0.4.2
[4] latticeExtra_0.6-26 RColorBrewer_1.1-2 lattice_0.20-31
[7] xlsx_0.5.7 xlsxjars_0.6.1 rJava_0.9-6
[10] RevoUtilsMath_3.2.1
loaded via a namespace (and not attached):
[1] Rcpp_0.11.6 magrittr_1.5 R6_2.0.1 stringr_1.0.0 [5] highr_0.5 plyr_1.8.3 tools_3.2.1 parallel_3.2.1 [9] grid_3.2.1 DBI_0.3.1 lazyeval_0.1.10 assertthat_0.1 [13] reshape2_1.4.1 formatR_1.2 evaluate_0.7 stringi_0.5-5
[17] compiler_3.2.1
```