Piecewise function to down-sample mutations in PCAWG spectra

Wu, Yang

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0. Load prerequisites

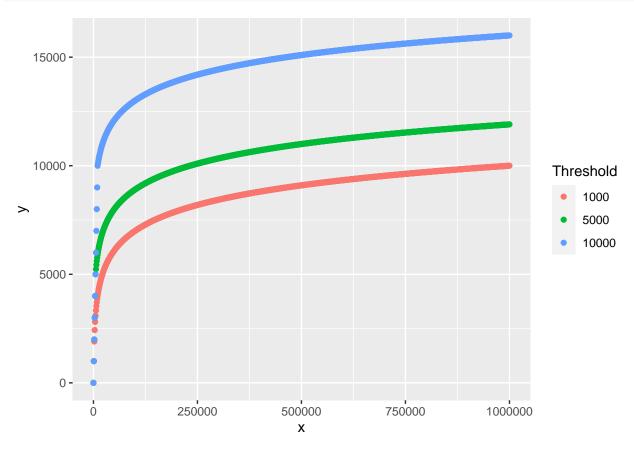
ggplot2

1. Definition of a piecewise function.

This function aims to lower the mutation counts in some hyper-mutated mutational spectra (e.g. spectra with Pol-Epsilon activity or UV exposure). On the other hand, it keeps the mutational spectra with normal or low mutation counts as they are.

2. Plotting the function

```
guides(color = guide_legend(title = "Threshold"))
ggObj
```



3. Print version

version

```
-
x86_64-w64-mingw32
## platform
                  x86_64
## arch
## os
                  mingw32
## crt
                  ucrt
                  x86_64, mingw32
## system
## status
## major
                  4
## minor
                  2.0
                  2022
## year
                  04
## month
## day
                  22
                  82229
## svn rev
## language
## version.string R version 4.2.0 (2022-04-22 ucrt)
## nickname
                  Vigorous Calisthenics
```