BLtrimmer usage and output

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```
library(MeltR)
library(tidyverse)
## -- Attaching packages --
                                                        ---- tidyverse 1.3.1 --
## v ggplot2 3.4.0
                   v purrr 0.3.4
## v tibble 3.1.8 v dplyr 1.0.9
## v tidyr 1.2.0 v stringr 1.4.0
                  v forcats 0.5.1
## v readr 2.1.2
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()
                   masks stats::lag()
devtools::load_all()
## i Loading meltR.A.paper
df = df.absorbance %>% filter(Experiment == "CROWD DP1")
meltR.A.fit =meltR.A(df,
       NucAcid = c("RNA", "CGCGCG"),
       Mmodel = "Homoduplex.2State",
       concT = 80,
       fitTs = c(15, 70),
       wavelength = 280,
       Silent = T)
Trimmed = BLTrimmer(meltR.A.fit,
                  Trim.method = "floating",
                  Assess.method = 3,
                  no.trim.range = c(0.15, 0.85),
                  quantile.threshold = 0.1,
                  n.ranges.float = 6,
                  range.step.float = 4,
                  n.combinations = 1000)
## [1] "You are trying to test 1000 baseline combinations"
## [1] "Do you think this is possible?"
## [1] "Fitting 1000 combinations of 6 different baselines per sample"
##
```

Trimmed\$Ensemble.energies

```
##
               Method
                       dH CI95.dH
                                               dS
                                                     CI95.dS dG
## 1 1 individual fits -55.86 -57.04 to -54.82 -153.96 -157.72 to -150.69 -8.11
## 2 2 Tm versus ln[Ct] -55.70    -56.8 to -54.4 -153.48 -156.95 to -149.45 -8.09
         3 Global fit -56.70 -57.82 to -55.59 -156.38 -159.77 to -152.95 -8.19
##
          CI95.dG Tm_at_0.1mM CI95.Tm_at_0.1mM
## 1 -8.15 to -8.07
                    51.12 50.89 to 51.26
## 2 -8.14 to -8.05
                       51.07 50.83 to 51.22
## 3 -8.28 to -8.12
                      51.41 51.07 to 51.74
```