

```

> TU.mat.beaty <- matrix(unlist(lapply(table.list.beaty, trioClasses:::CountTU)),
  nrow = length(table.list.beaty), ncol = 2, byrow = TRUE)
> TU.mat.pitt <- matrix(unlist(lapply(table.list.pitt, trioClasses:::CountTU)),
  nrow = length(table.list.pitt), ncol = 2, byrow = TRUE)
> TU.mat <- cbind(TU.mat.beaty, TU.mat.pitt)
> testable <- which((rowSums(TU.mat[, 1:2]) >= 25) & (rowSums(TU.mat[,
  3:4]) >= 25))
> TU.mat <- TU.mat[testable, ]
> rownames(TU.mat) <- names(table.list.beaty)[testable]
> colnames(TU.mat) <- c("T.case", "U.case", "T.con", "U.con")
> DF <- Dataframe(TU.mat, rowData(fe.beaty)[testable])
> colnames(DF) <- c(colnames(TU.mat), "grange")
> DF

```

DataFrame with 632 rows and 5 columns

| | T.case | U.case | T.con | U.con | grange |
|-----|-----------|-----------|-----------|-----------|-----------|
| | <integer> | <integer> | <integer> | <integer> | <GRanges> |
| 1 | 28 | 30 | 13 | 26 | ##### |
| 2 | 28 | 31 | 17 | 28 | ##### |
| 3 | 29 | 31 | 17 | 28 | ##### |
| 4 | 35 | 32 | 23 | 33 | ##### |
| 5 | 43 | 33 | 29 | 35 | ##### |
| ... | ... | ... | ... | ... | ... |
| 628 | 19 | 19 | 12 | 15 | ##### |
| 629 | 19 | 19 | 13 | 17 | ##### |
| 630 | 17 | 18 | 13 | 17 | ##### |
| 631 | 46 | 44 | 40 | 28 | ##### |
| 632 | 47 | 47 | 41 | 29 | ##### |