

The top CNV component has the followinfg trio-states. Where '1' indicates a deletion and order is $F,\,M,\,O.$

The CNV components with significant p-values (Bonferroni) are given below.

```
GRanges with 1 range and 0 metadata columns:
```

```
      seqnames
      ranges
      strand

      <Rle>
      <IRanges>
      <Rle>

      comp1223
      chr11
      [55204004, 55209499]
      *

      ---
      seqlengths:
```

chr1 chr1_random chr2 ... chrY chrM 247249719 1663265 242951149 ... 57772954 16571

GRanges with 1 range and 0 metadata columns:
seqnames ranges strand
<Rle> <IRanges> <Rle>

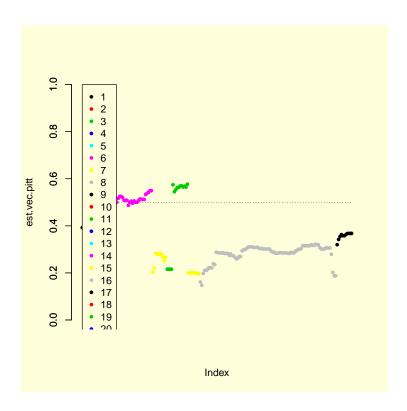




Figure 1: UCSC Genome Browser at chromosome 8 locus.

[1] chr11 [55116789, 55216671] *

seqlengths:

 chr1
 chr1_random
 chr2
 ...
 chrY
 chrM

 247249719
 1663265
 242951149
 ...
 57772954
 16571