

Exclusion of kmers not occurring in the genome

Exclusion of kmers

occurring in

non-repeat

regions of

chm13

Exclusion of kmers occurring in more than

one repeat element type

1.2 billion unique
24-mers
In 1280 unique repeat
types



57 groups

- 2. Includes kmers from Altemose et al., 2014 describing 14 enhanced human satellite annotations
- 3. includes DNA, DNA?, Retroposon, RC families from the RepeatMasker Track

$$n_i = \frac{count\ of\ all\ kmers\ defining\ type\ i}{\#\ ali\ and\ reads/1000000}$$
 for features i in 1...1280

1280 unique

element

types found

in chm13

1266 original features found *de novo* in chm13 assembly + 14 enhanced satellite annotations from Altemose 2014

