

Canonical proportion (%)

100

90

80

70

60

n=485

10⁰

10¹

10²

Distance to end (bp)

10³

10⁴

10⁵

10⁶

n=20

Assembly

- GRCh38
- CHM13
- HG002 mat
- HG002 pat
- I002C hap1
- I002C hap2
- YAO mat
- YAO pat
- RPE1 hap1
- RPE1 hap2
- H9 hap1
- H9 hap2

chrX

chr5

chr15

chr13

chr5

chr2

chr12

chr21

chr12

chr1

chrX

chr22

chr18

chr4

chr3

chr20

chr1

chrX

chr19