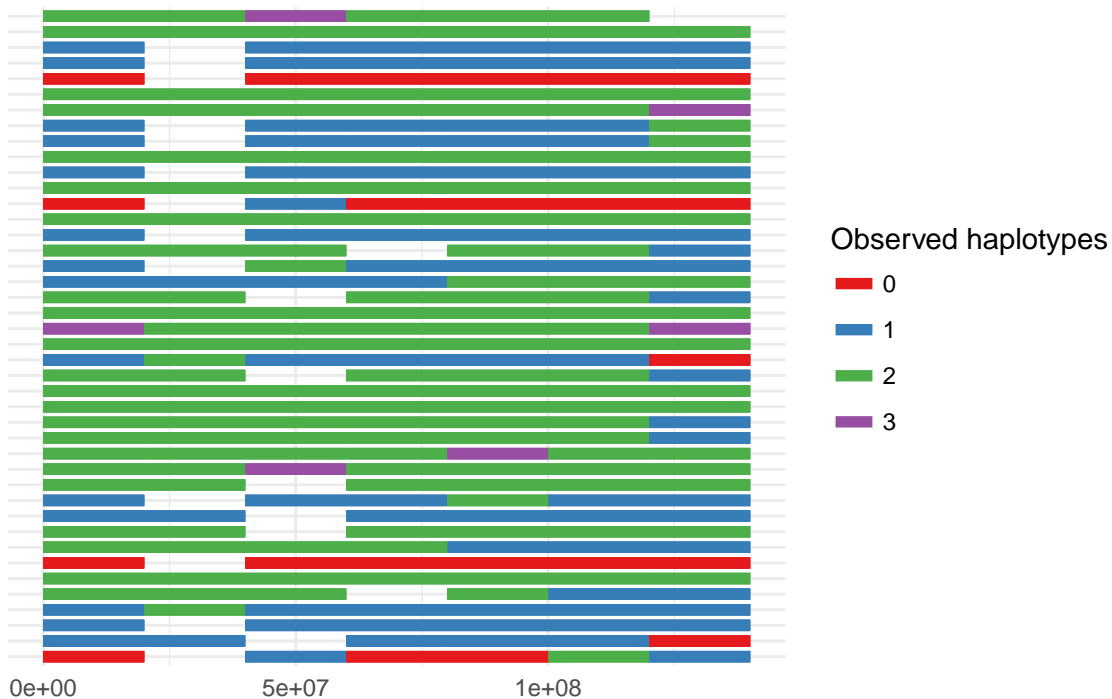
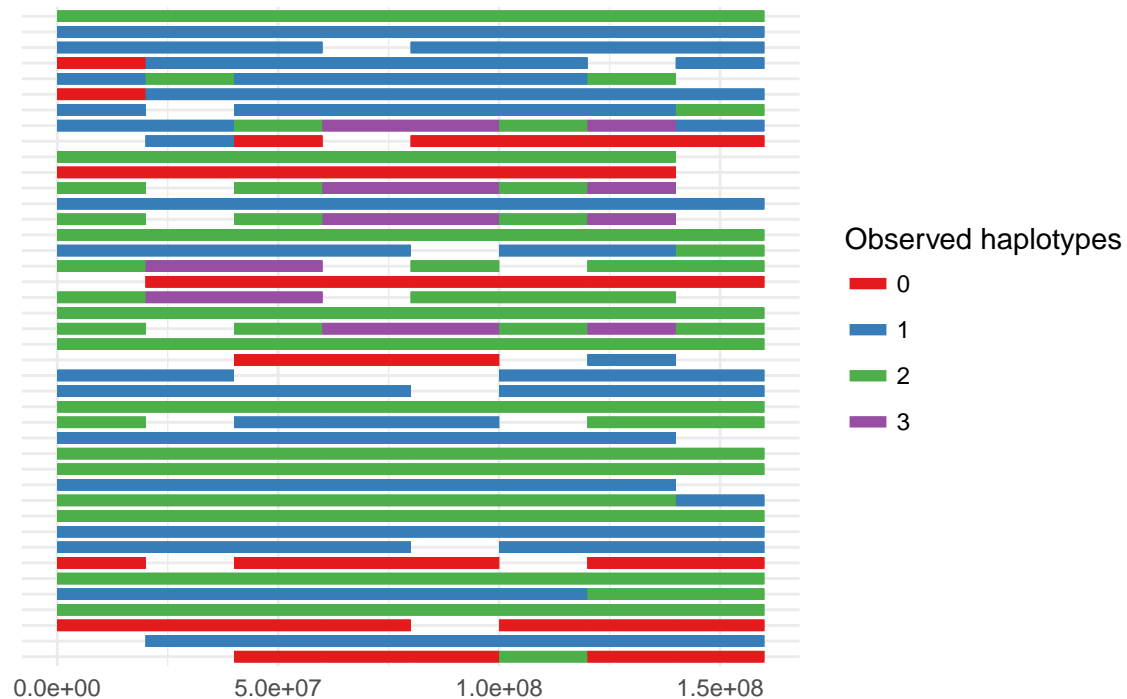


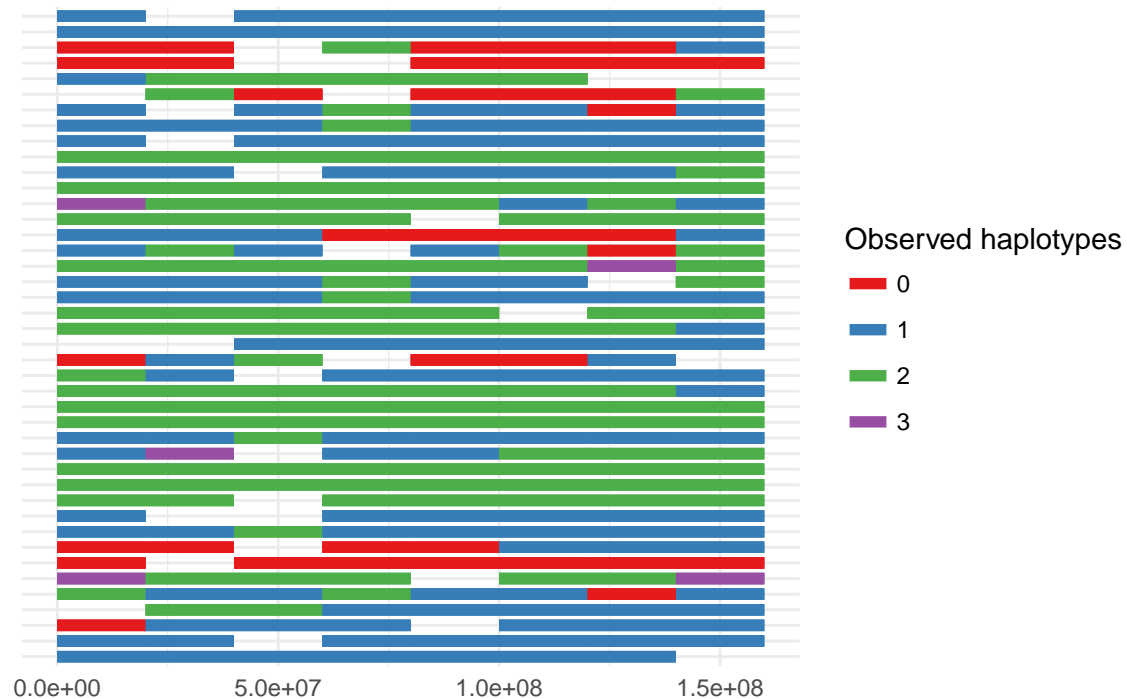
BFL 2.5 HanXRQChr01 10MB window haplotypescount



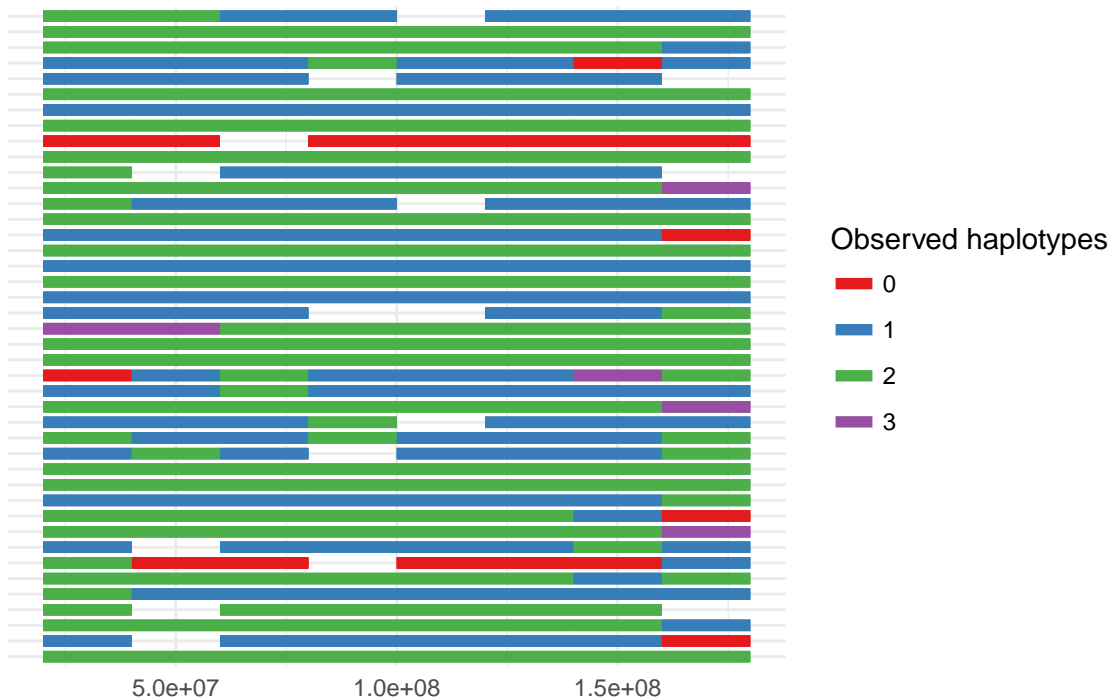
BFL 2.5 HanXRQChr02 10MB window haplotypescount



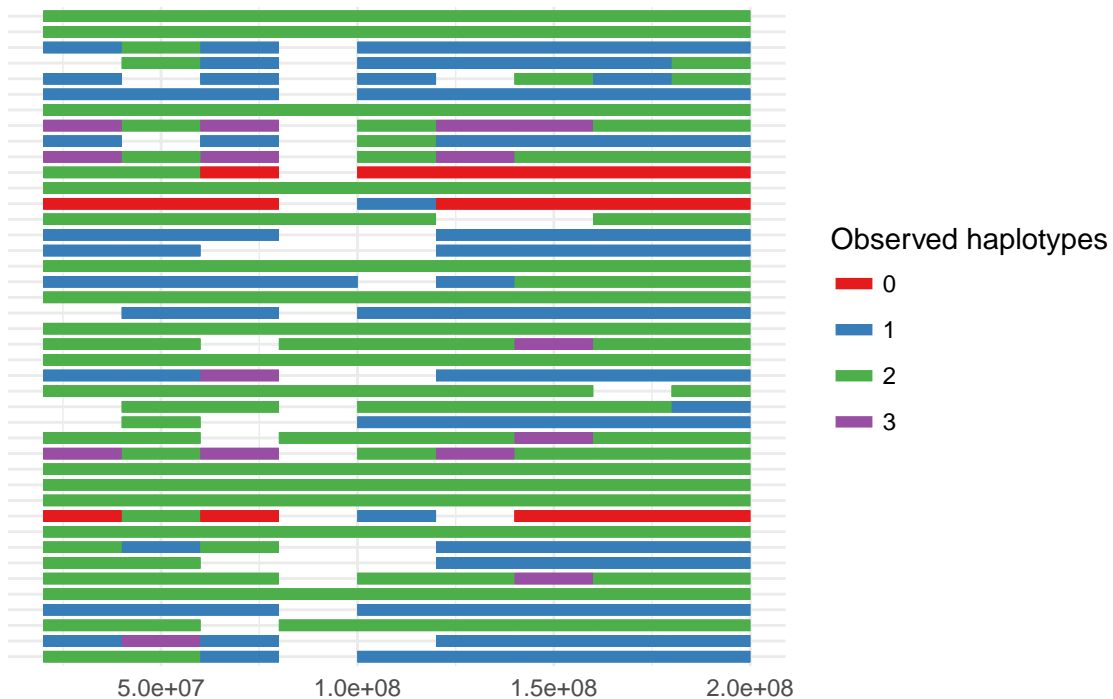
BFL 2.5 HanXRQChr03 10MB window haplotypescount



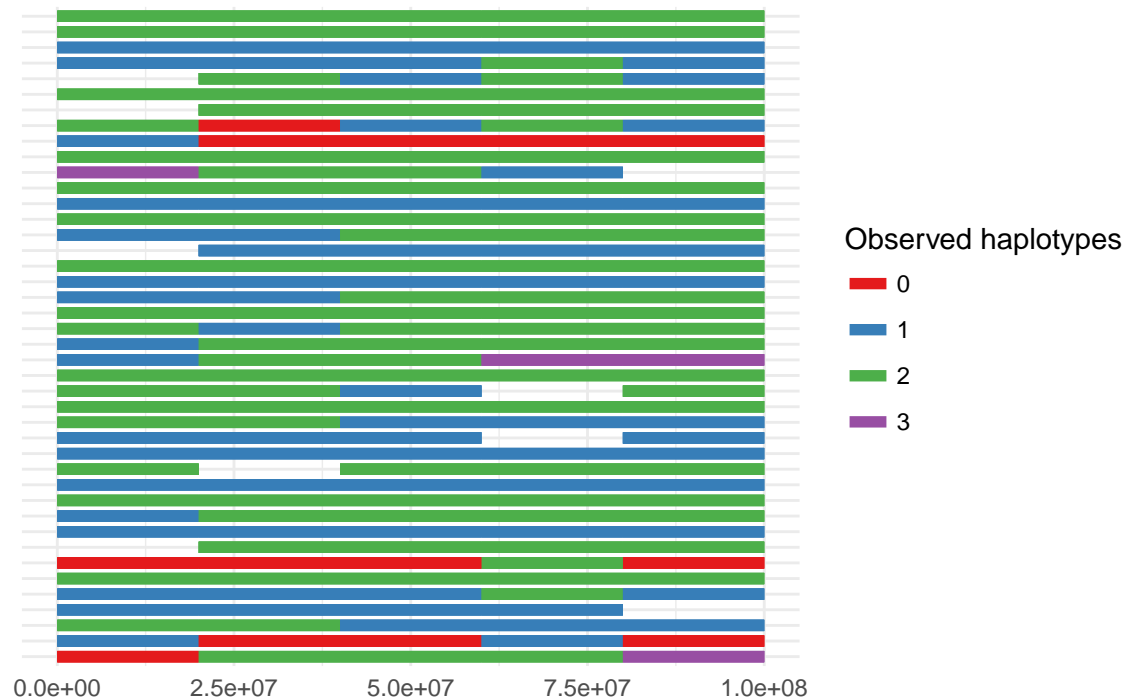
BFL 2.5 HanXRQChr04 10MB window haplotypescount



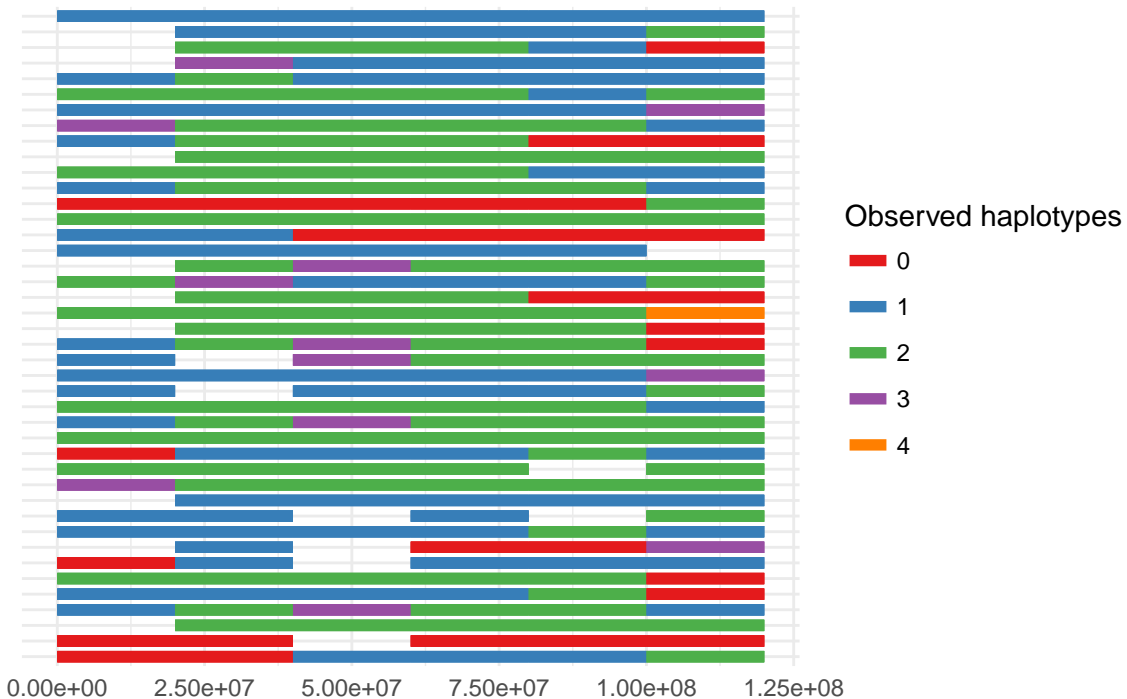
BFL 2.5 HanXRQChr05 10MB window haplotypescount



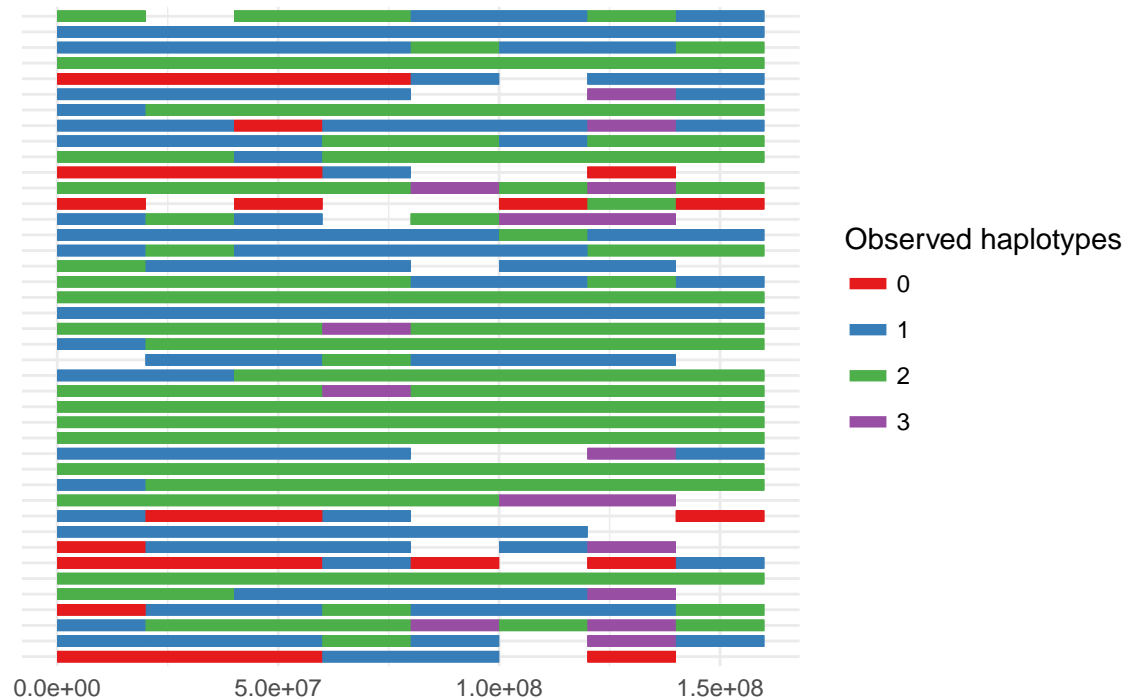
BFL 2.5 HanXRQChr06 10MB window haplotypescount



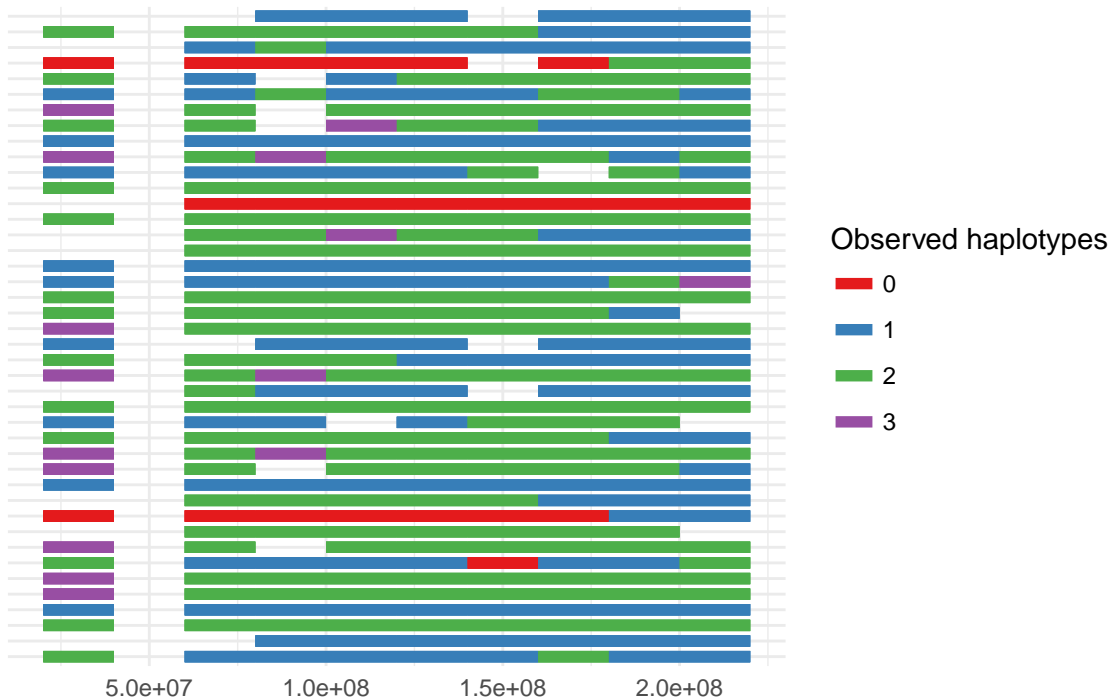
BFL 2.5 HanXRQChr07 10MB window haplotypescount



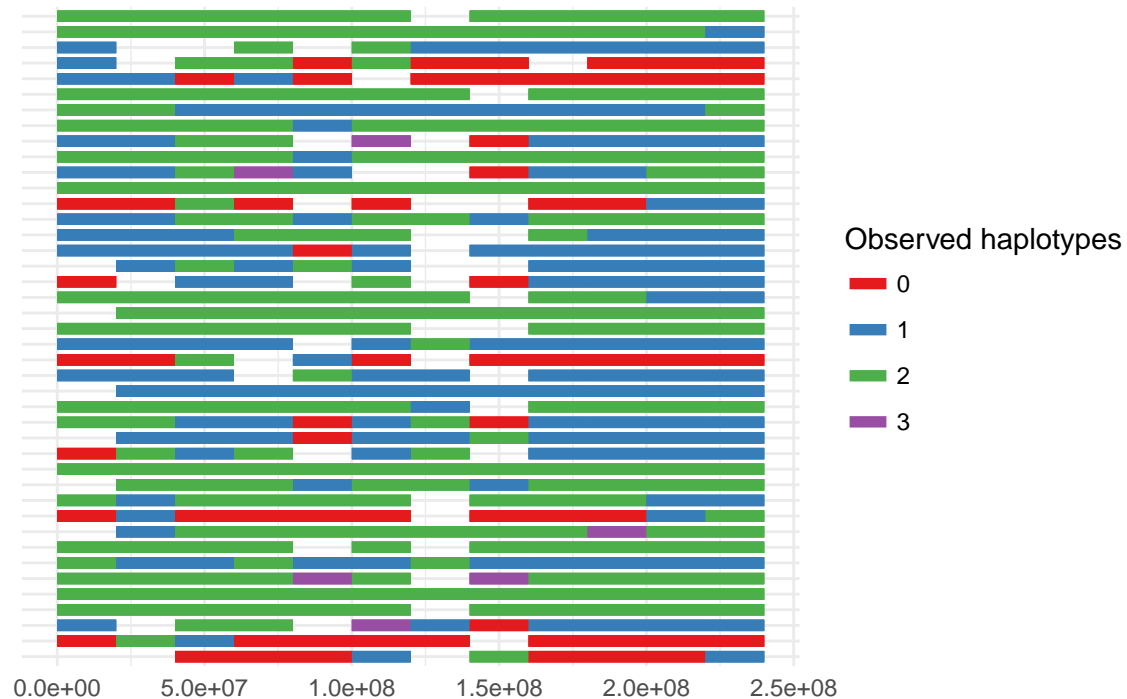
BFL 2.5 HanXRQChr08 10MB window haplotypescount



BFL 2.5 HanXRQChr09 10MB window haplotypescount



BFL 2.5 HanXRQChr10 10MB window haplotypescount



BFL 2.5 HanXRQChr11 10MB window haplotypescount

Observed haplotypes

0

1

2

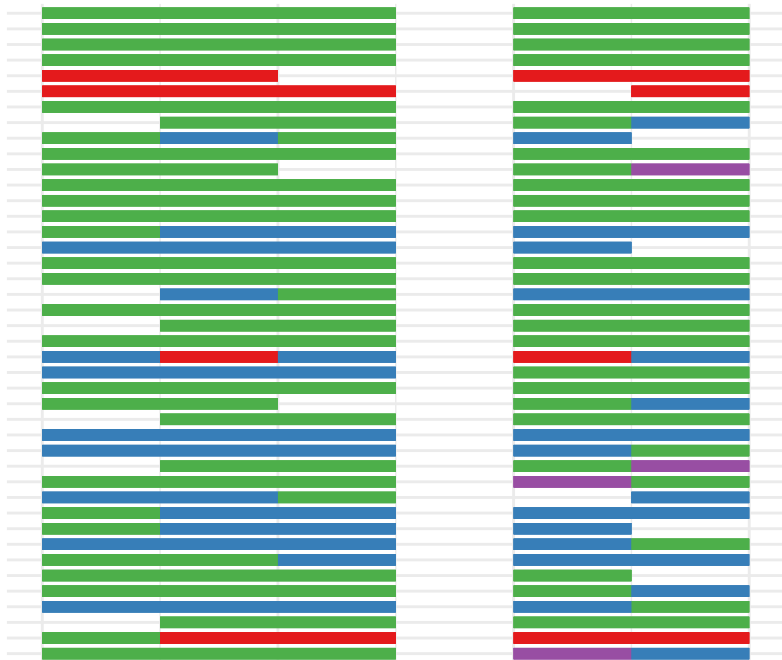
3

4.0e+07

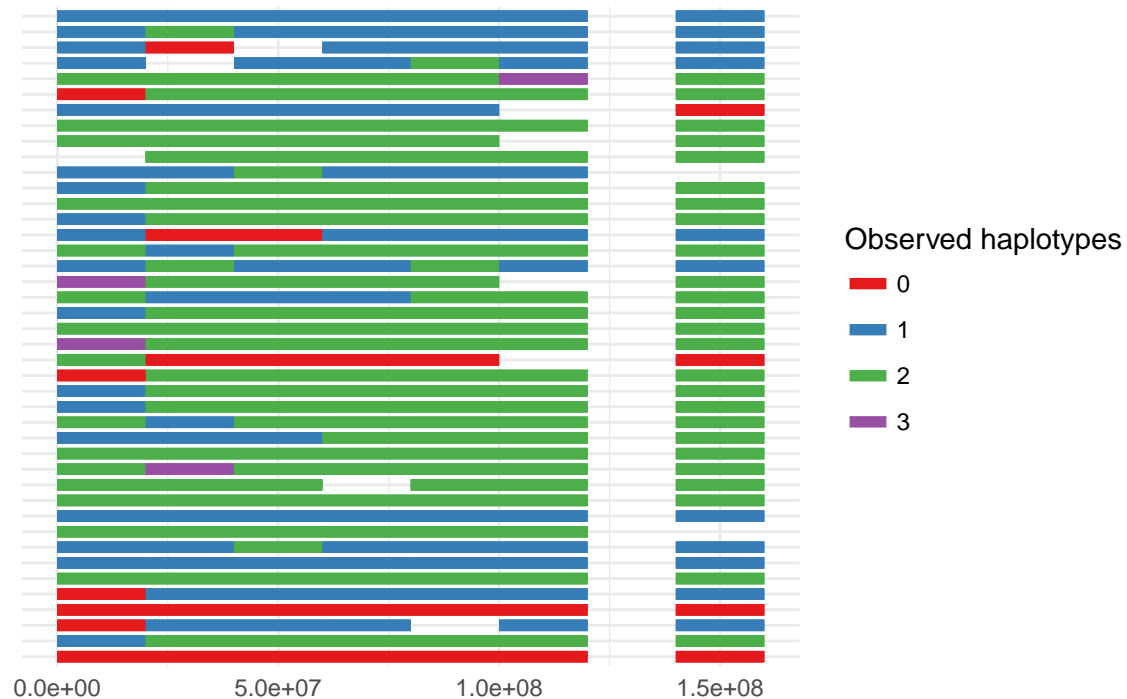
8.0e+07

1.2e+08

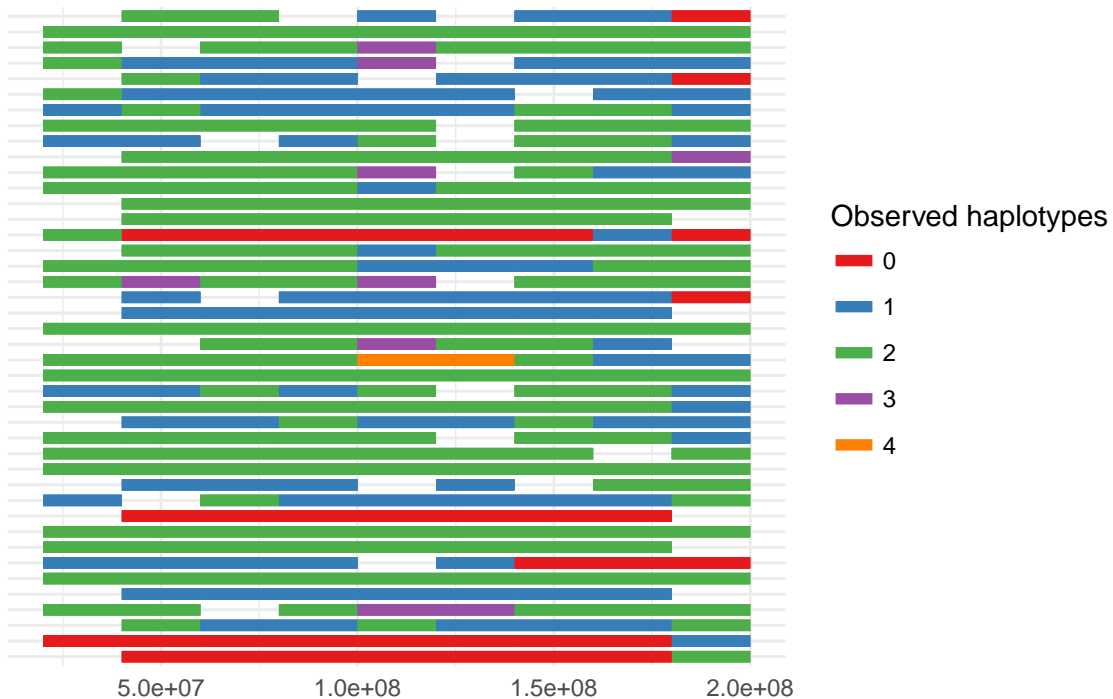
1.6e+08



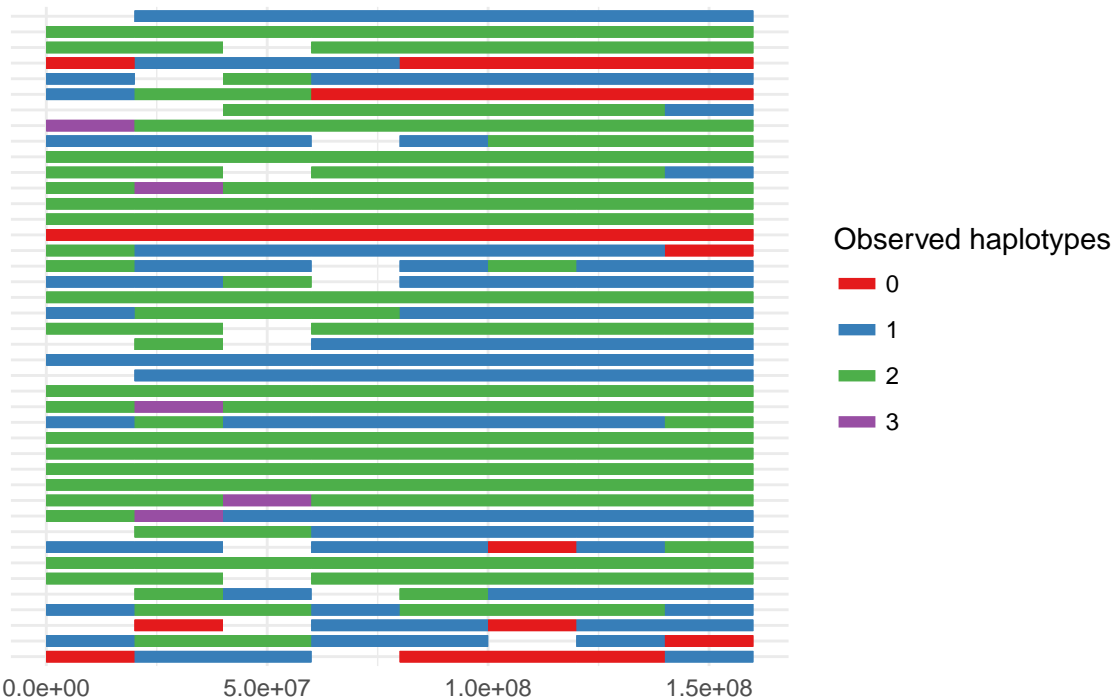
BFL 2.5 HanXRQChr12 10MB window haplotypescount



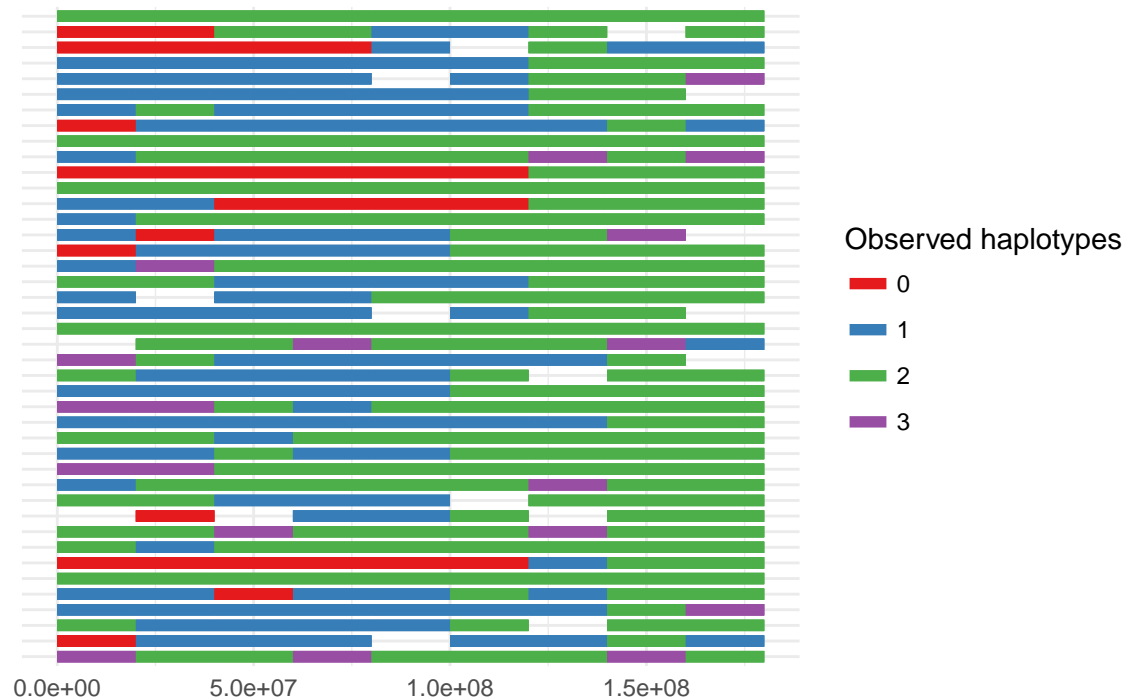
BFL 2.5 HanXRQChr13 10MB window haplotypescount



BFL 2.5 HanXRQChr14 10MB window haplotypescount



BFL 2.5 HanXRQChr15 10MB window haplotypescount



BFL 2.5 HanXRQChr16 10MB window haplotypescount

Observed haplotypes

0

1

2

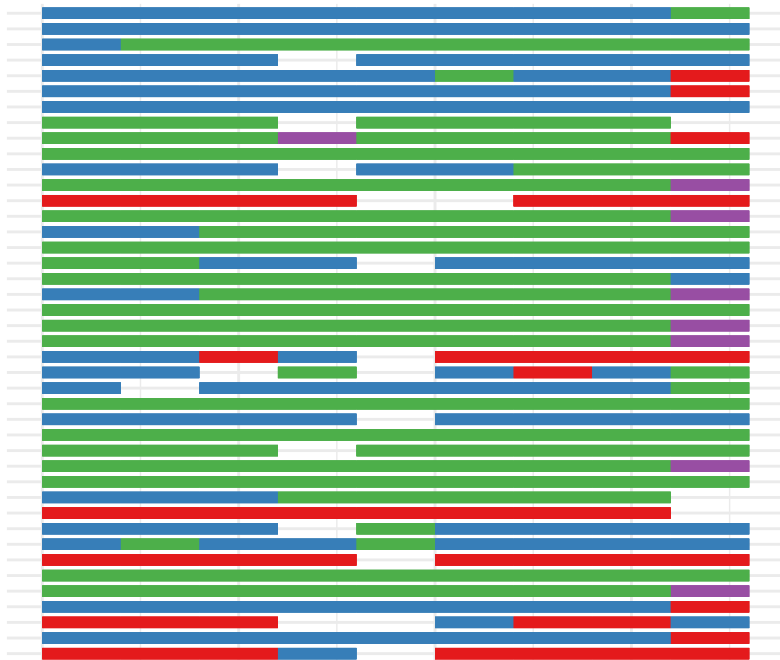
3

0.0e+00

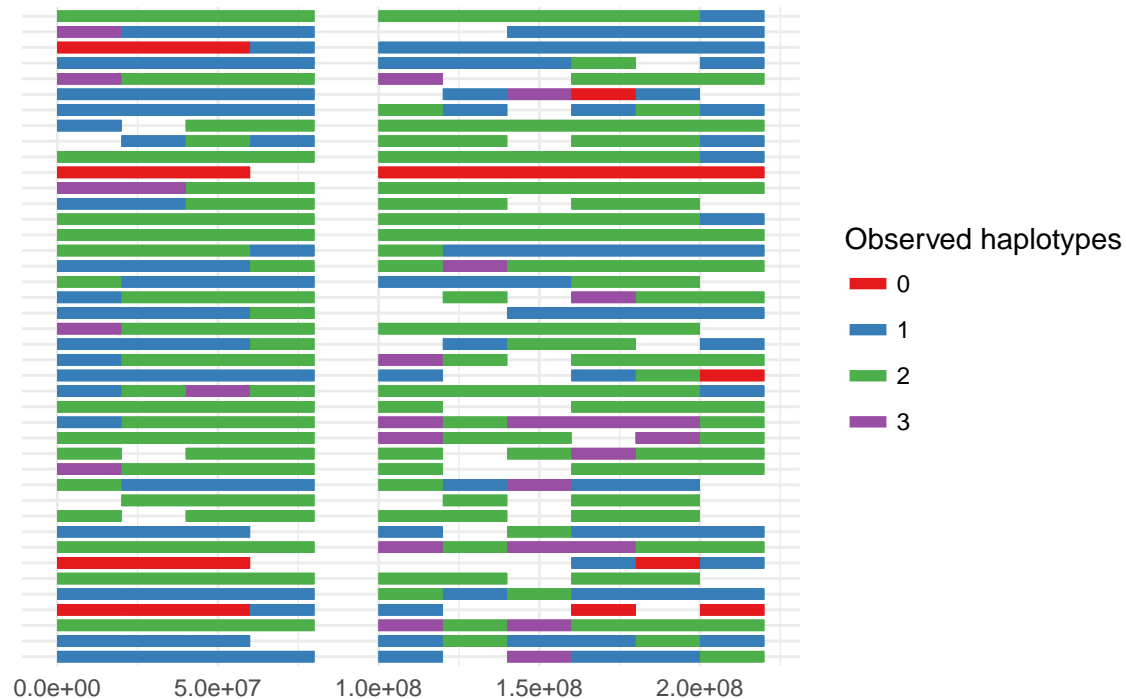
5.0e+07

1.0e+08

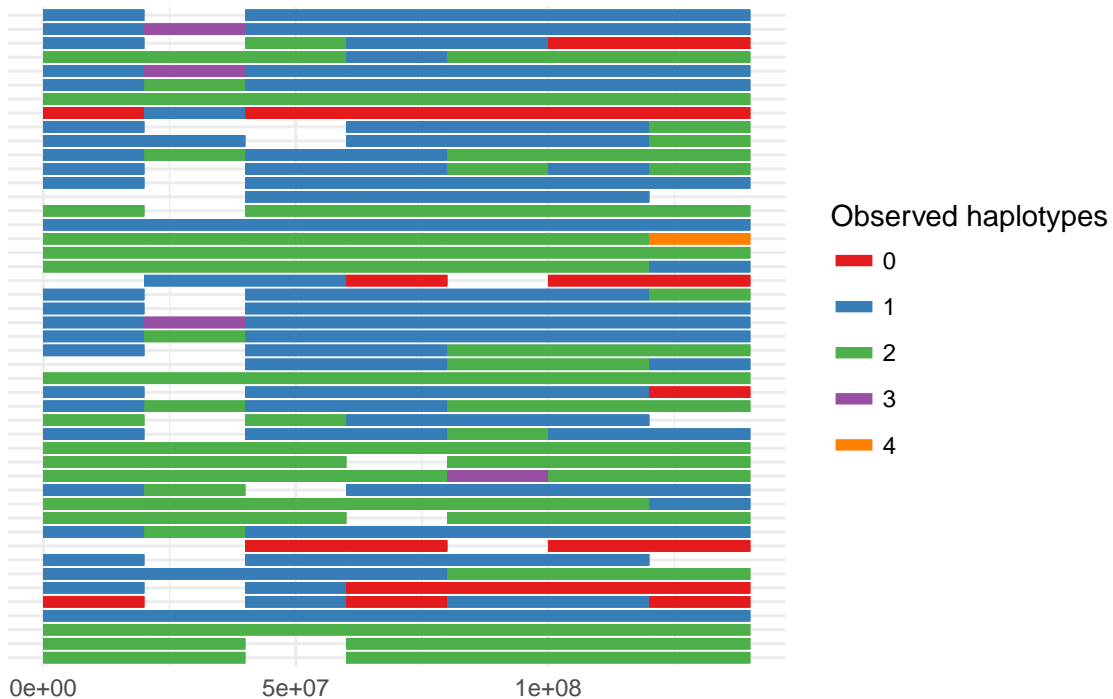
1.5e+08



BFL 2.5 HanXRQChr17 10MB window haplotypescount



BFL 4 HanXRQChr01 10MB window haplotypescount



BFL 4 HanXRQChr02 10MB window haplotypescount

Observed haplotypes

0

1

2

3

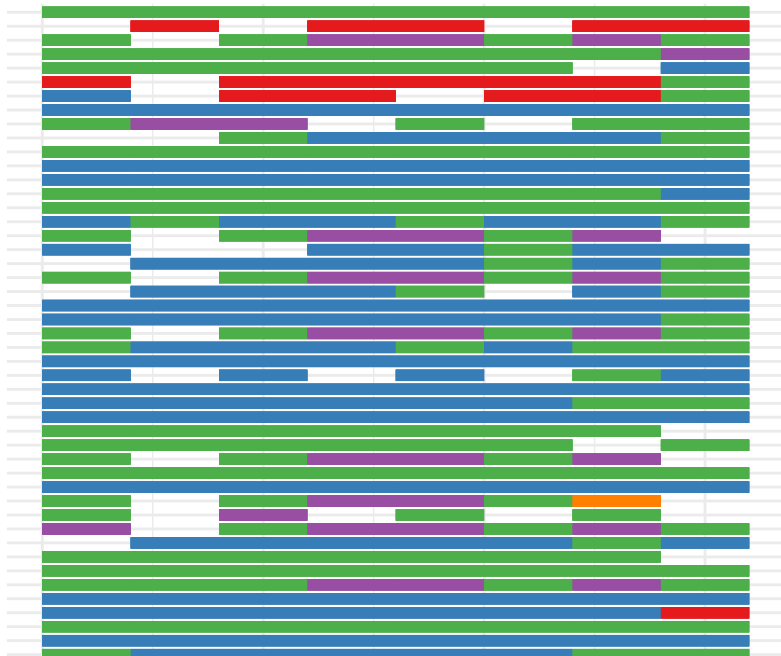
4

0.0e+00

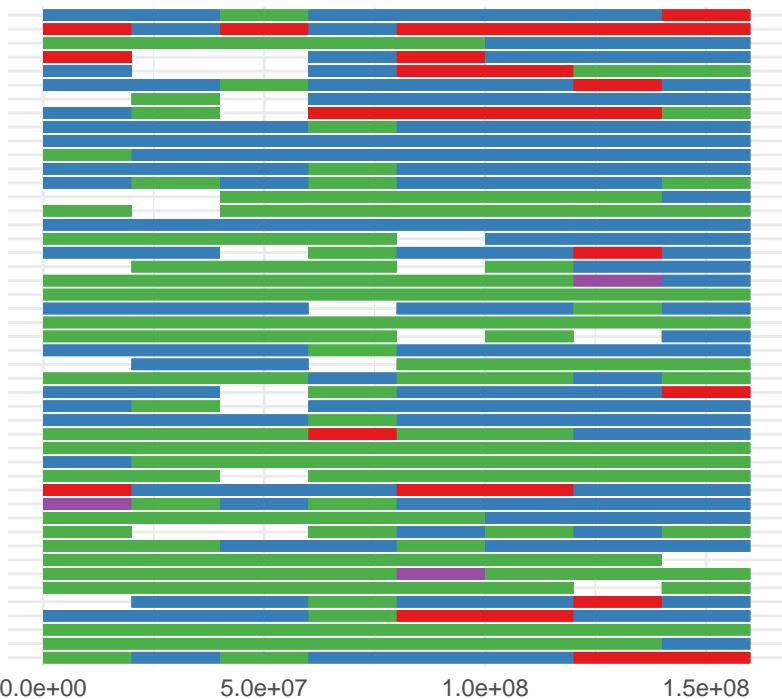
5.0e+07

1.0e+08

1.5e+08



BFL 4 HanXRQChr03 10MB window haplotypescount



Observed haplotypes

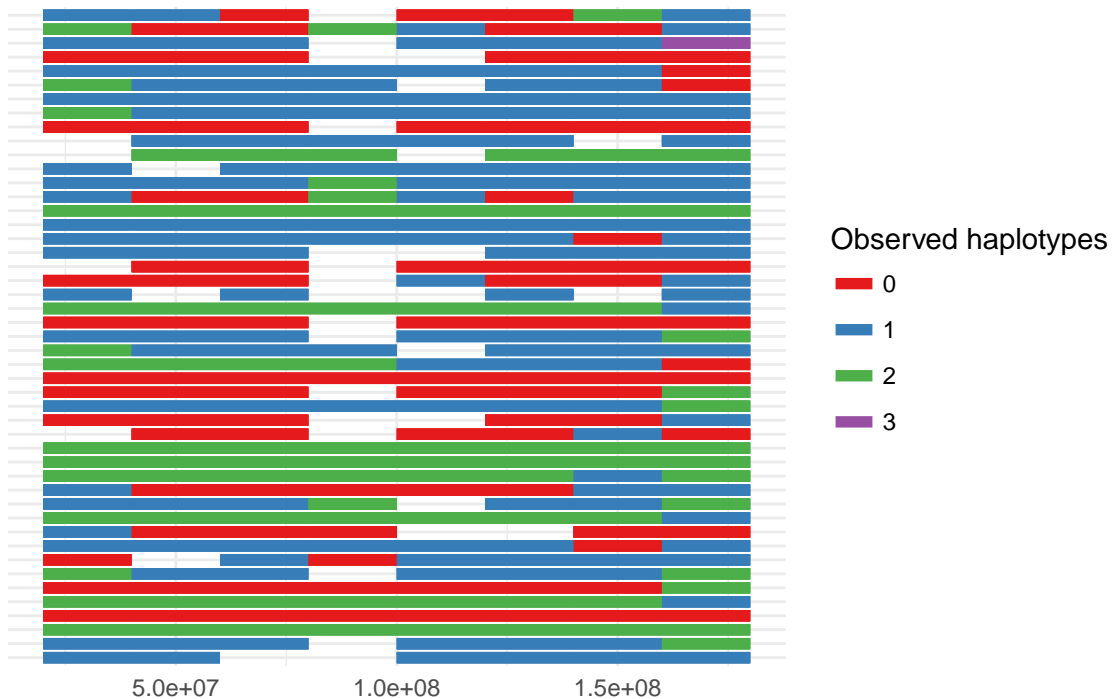
0

1

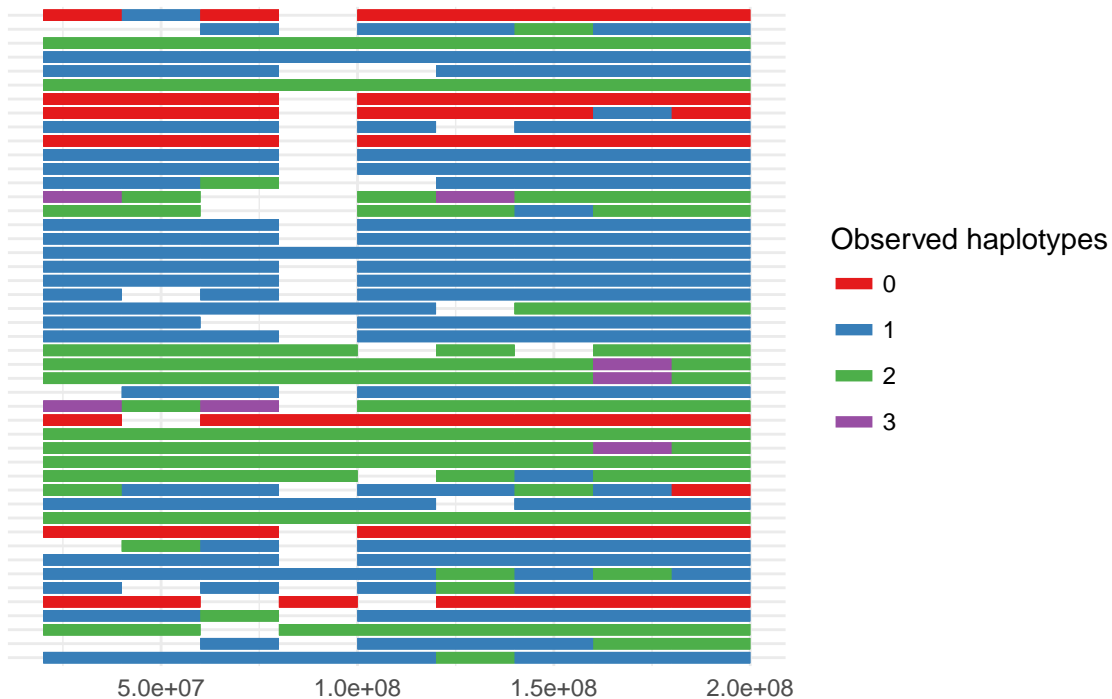
2

3

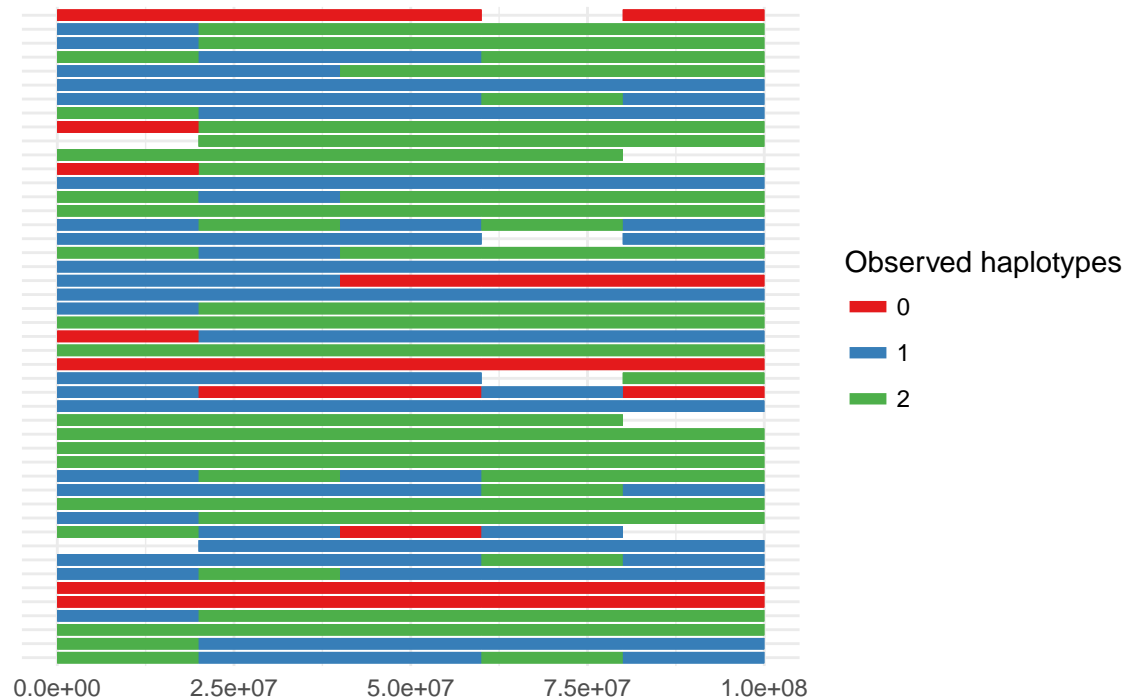
BFL 4 HanXRQChr04 10MB window haplotypescount



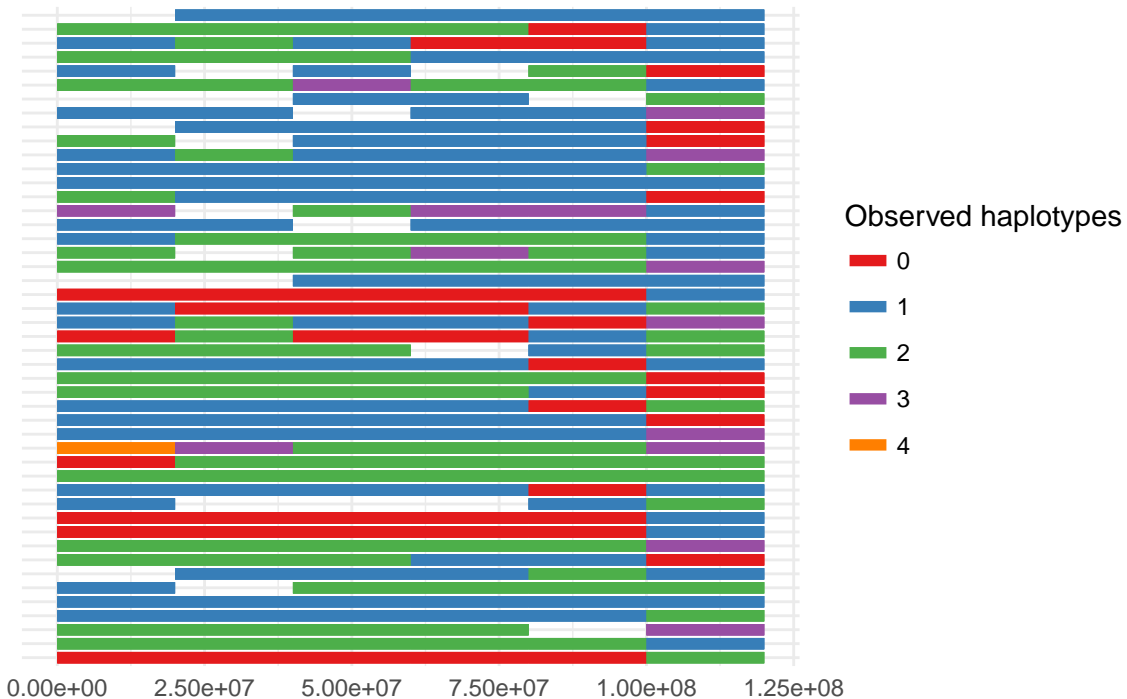
BFL 4 HanXRQChr05 10MB window haplotypescount



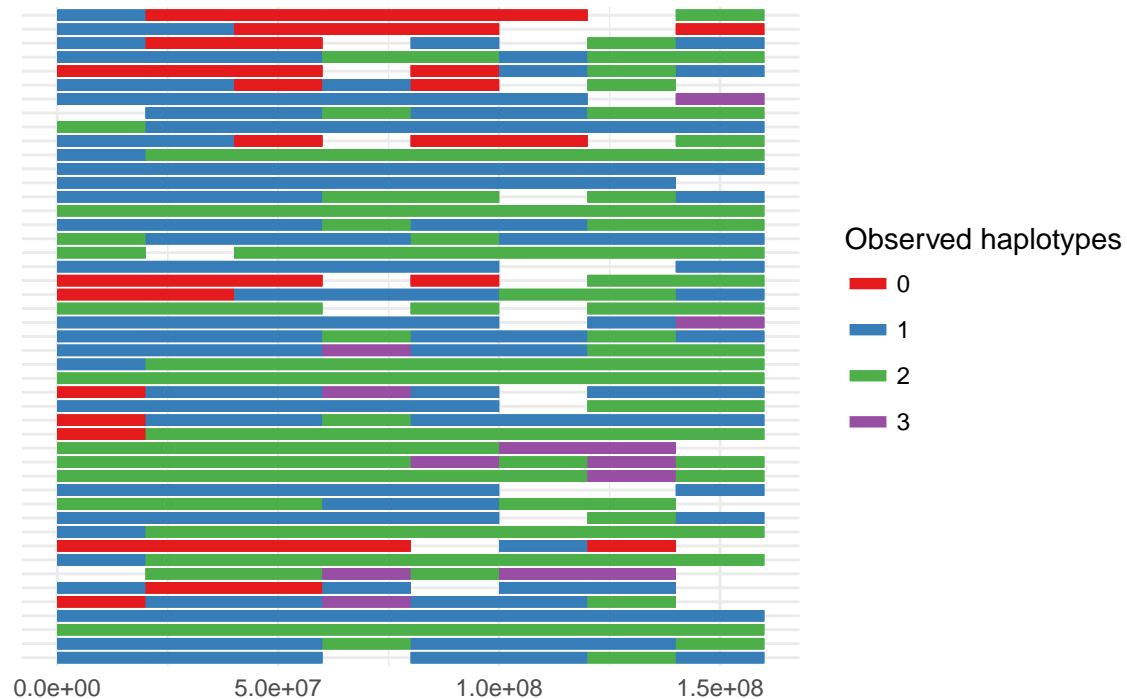
BFL 4 HanXRQChr06 10MB window haplotypescount



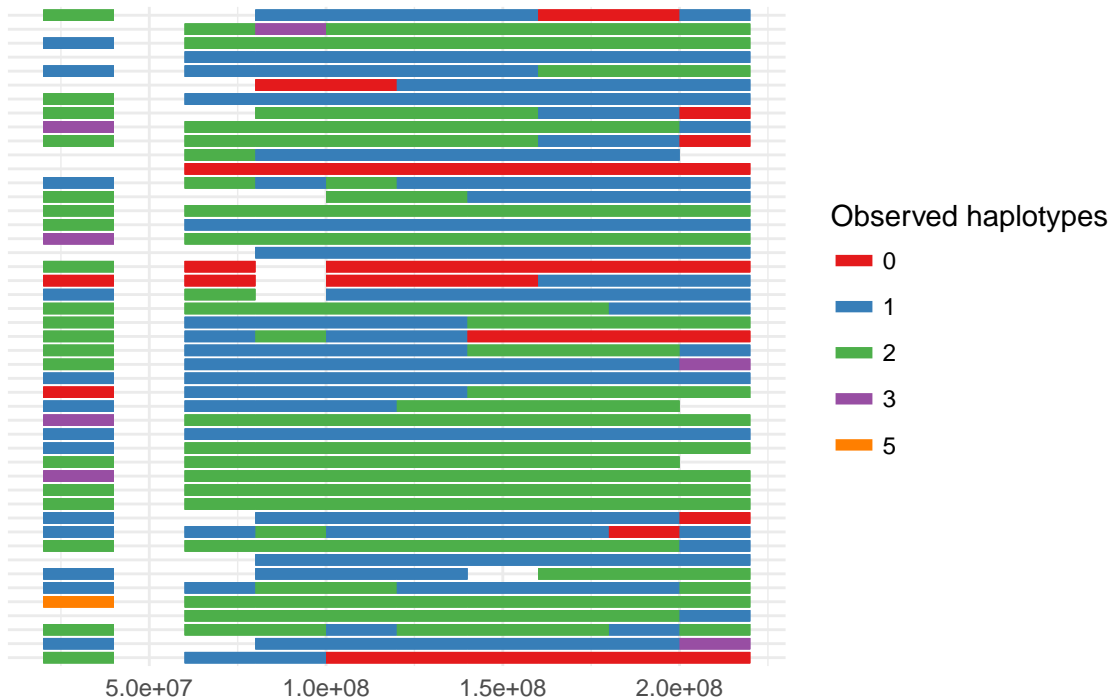
BFL 4 HanXRQChr07 10MB window haplotypescount



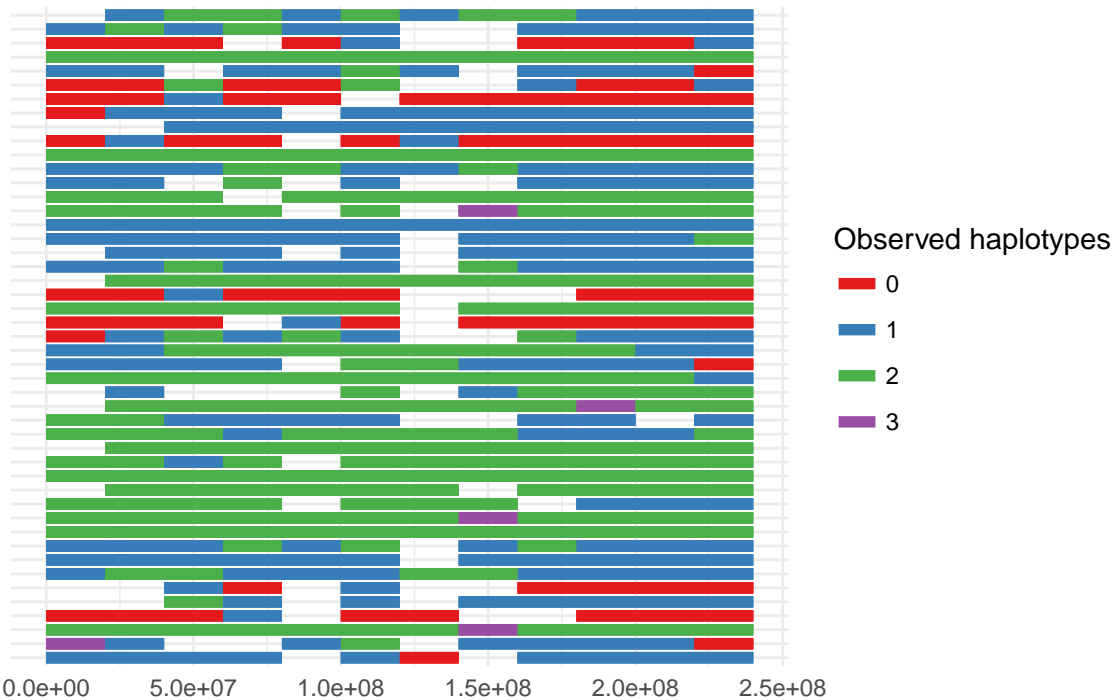
BFL 4 HanXRQChr08 10MB window haplotypescount



BFL 4 HanXRQChr09 10MB window haplotypecount



BFL 4 HanXRQChr10 10MB window haplotypescount



BFL 4 HanXRQChr11 10MB window haplotypescount

Observed haplotypes

0

1

2

3

4.0e+07

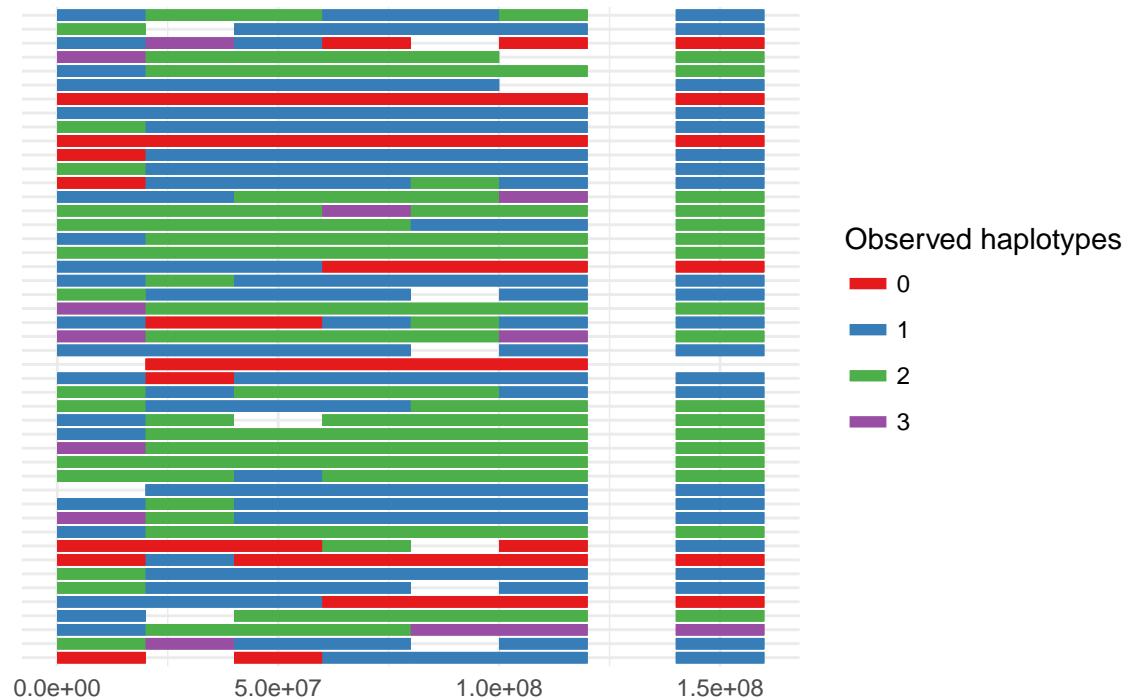
8.0e+07

1.2e+08

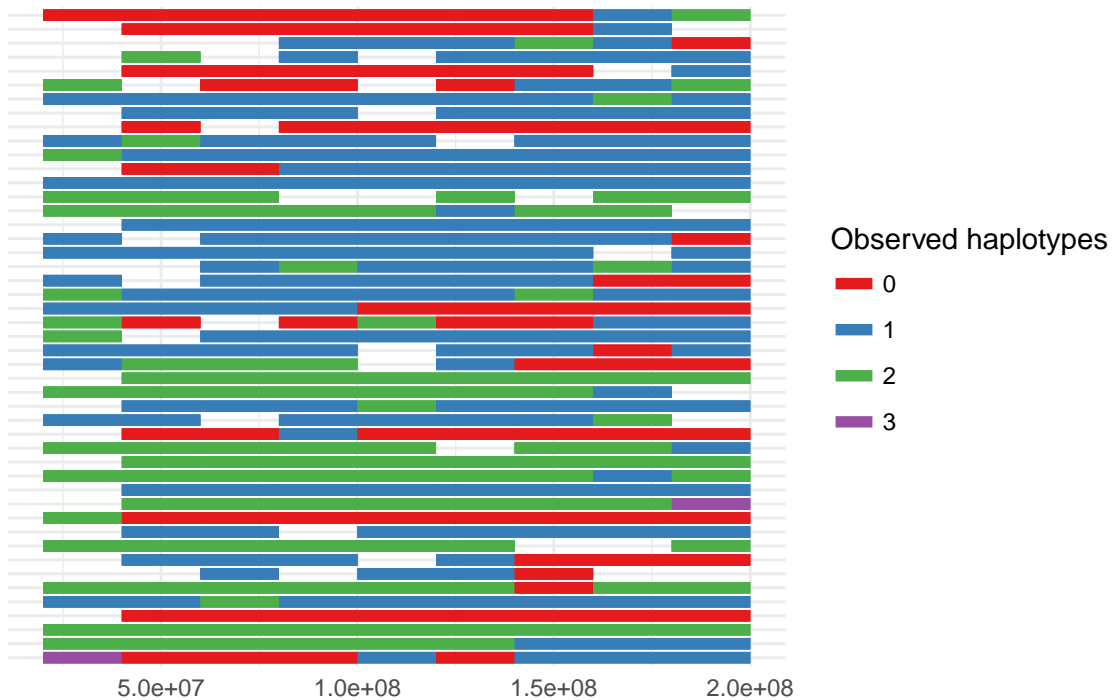
1.6e+08



BFL 4 HanXRQChr12 10MB window haplotypescount



BFL 4 HanXRQChr13 10MB window haplotypescount



BFL 4 HanXRQChr14 10MB window haplotypescount

Observed haplotypes

0

1

2

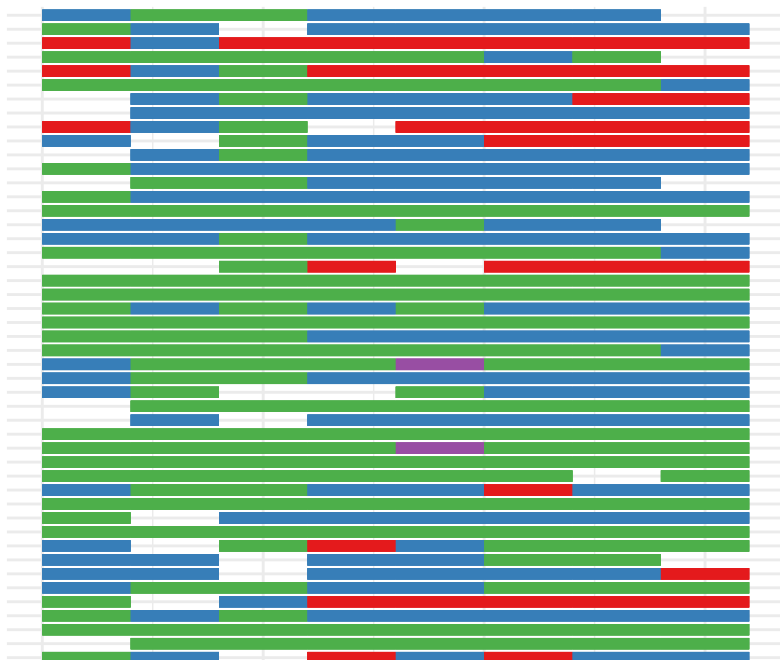
3

0.0e+00

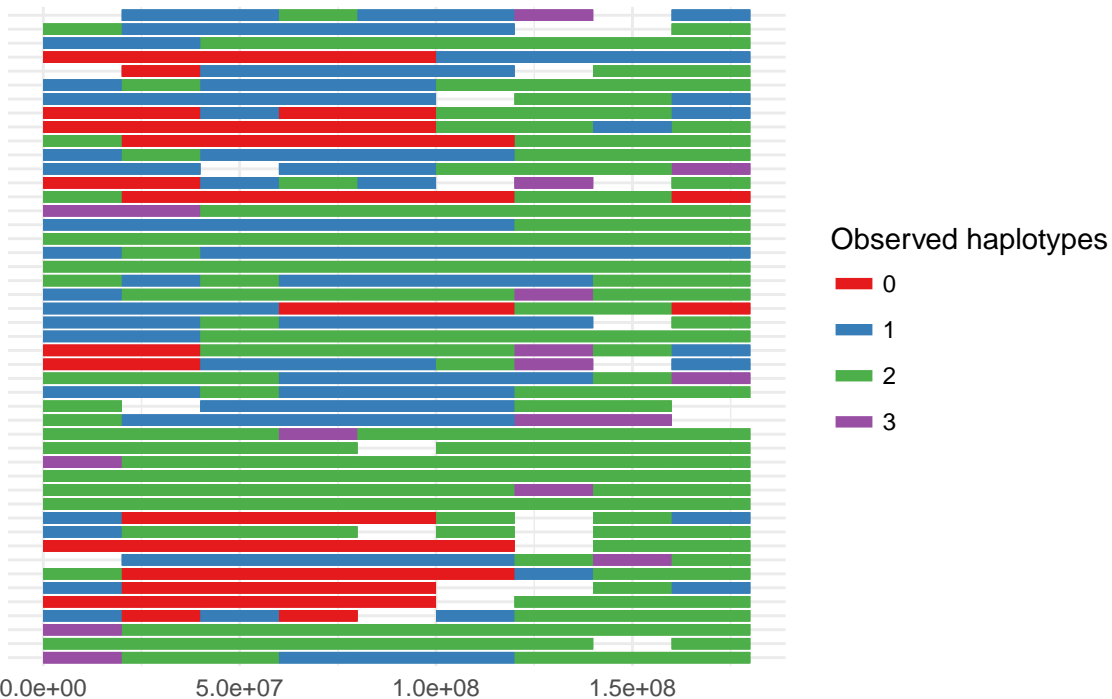
5.0e+07

1.0e+08

1.5e+08



BFL 4 HanXRQChr15 10MB window haplotypecount



BFL 4 HanXRQChr16 10MB window haplotypescount

Observed haplotypes

0

1

2

3

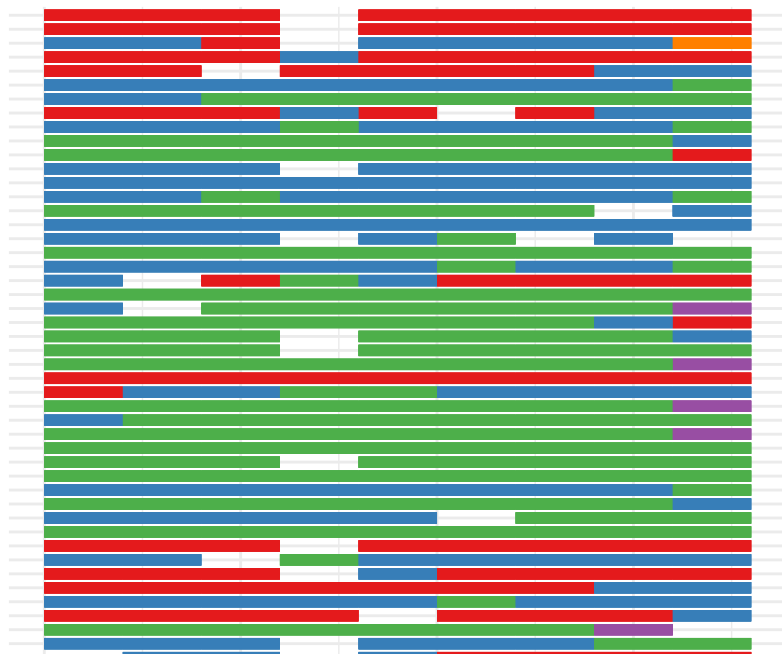
4

0.0e+00

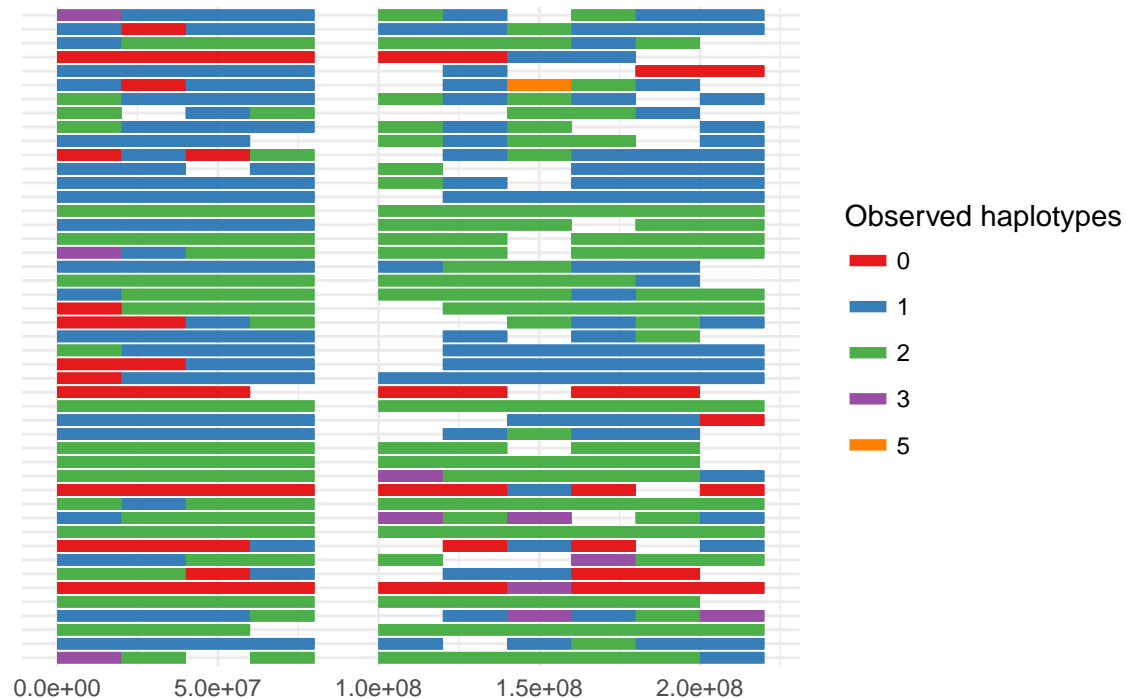
5.0e+07

1.0e+08

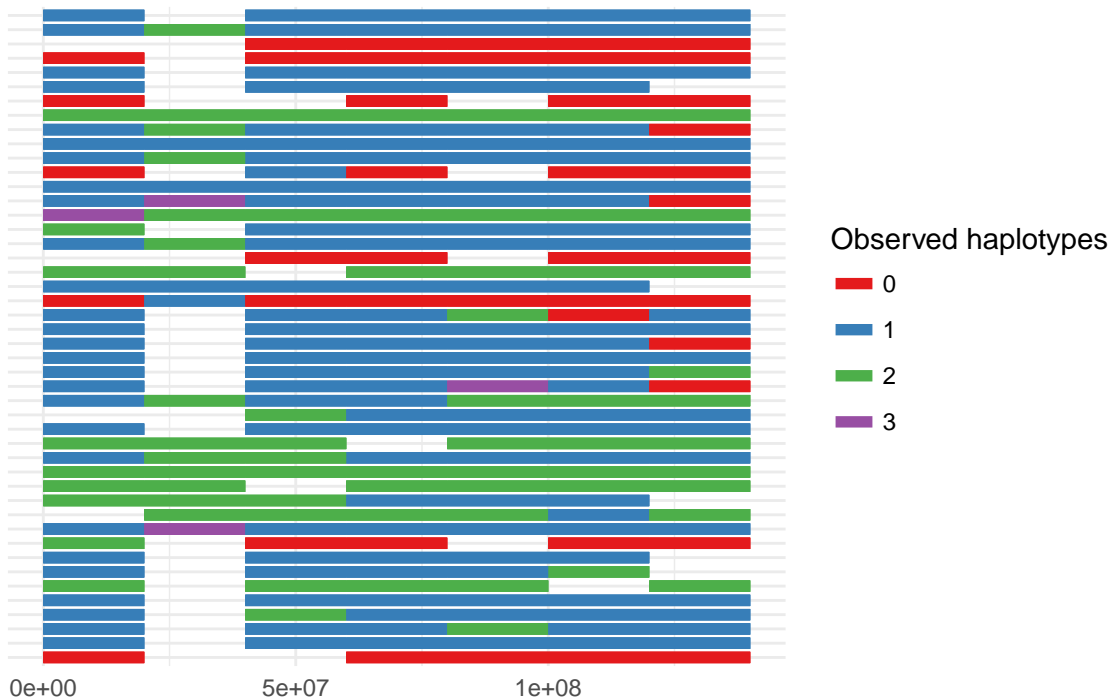
1.5e+08



BFL 4 HanXRQChr17 10MB window haplotypecount



BFL 5 HanXRQChr01 10MB window haplotypescount



BFL 5 HanXRQChr02 10MB window haplotypescount

Observed haplotypes

0

1

2

3

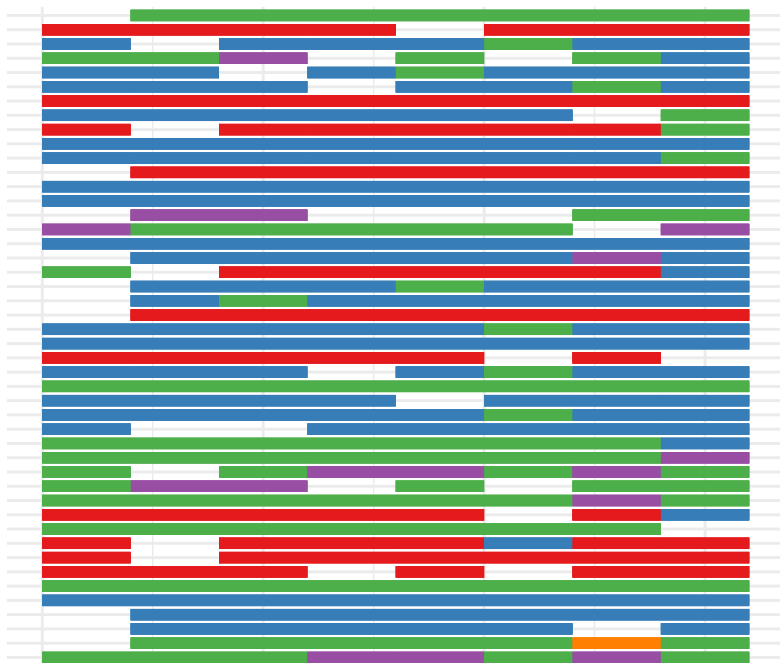
4

0.0e+00

5.0e+07

1.0e+08

1.5e+08



BFL 5 HanXRQChr03 10MB window haplotypescount

Observed haplotypes

0

1

2

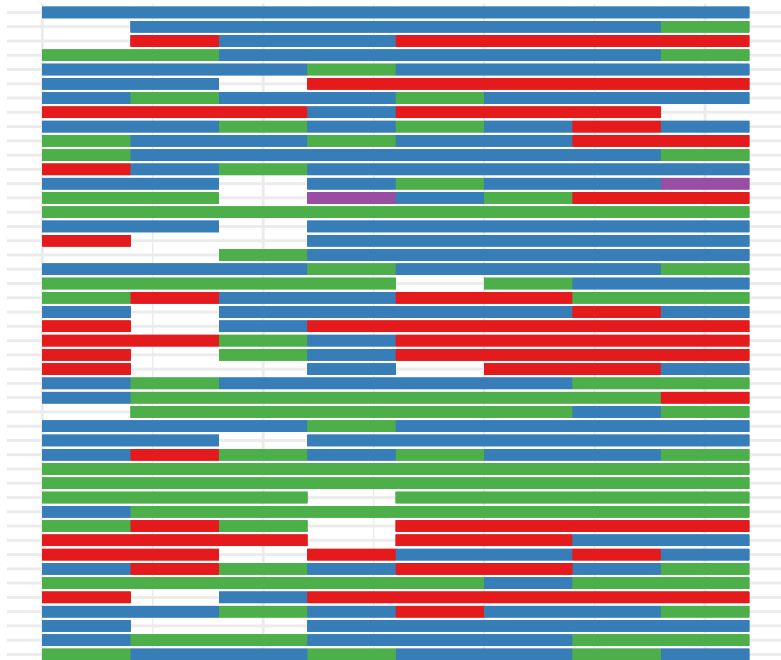
3

0.0e+00

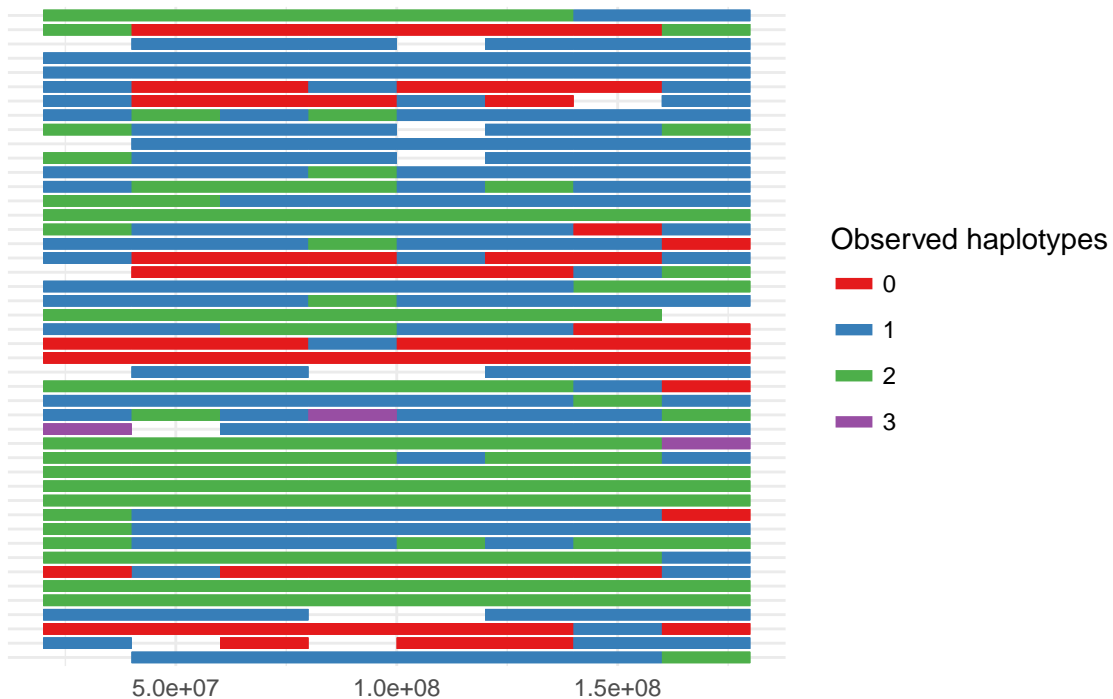
5.0e+07

1.0e+08

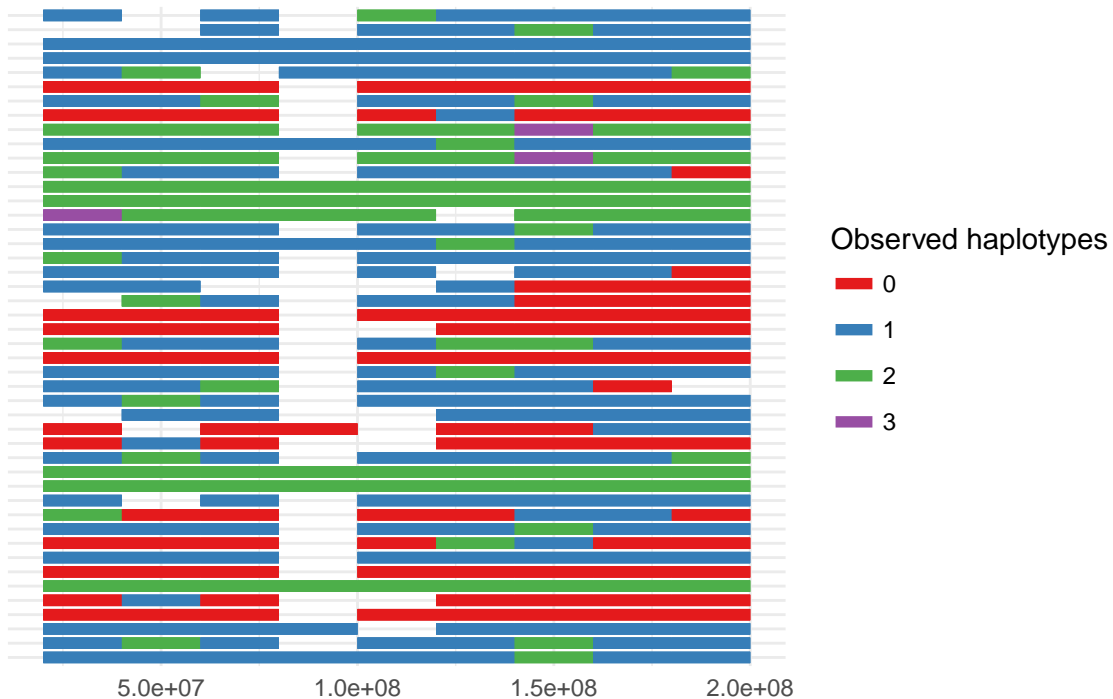
1.5e+08



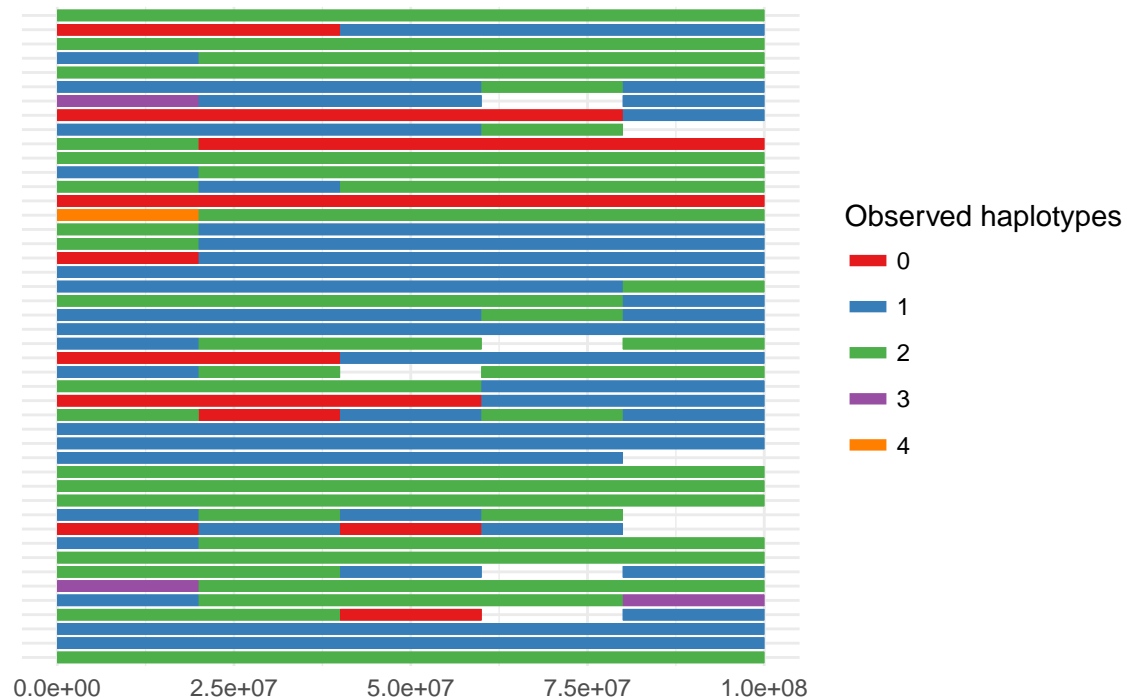
BFL 5 HanXRQChr04 10MB window haplotypescount



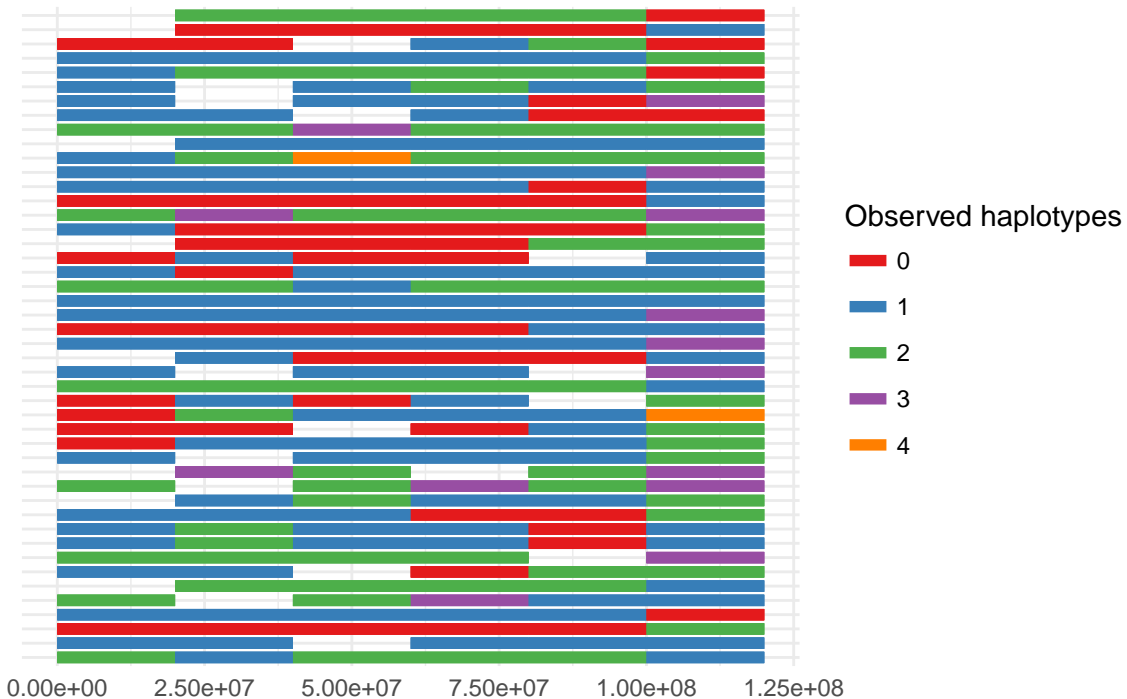
BFL 5 HanXRQChr05 10MB window haplotypescount



BFL 5 HanXRQChr06 10MB window haplotypescount



BFL 5 HanXRQChr07 10MB window haplotypescount



BFL 5 HanXRQChr08 10MB window haplotypescount

Observed haplotypes

0

1

2

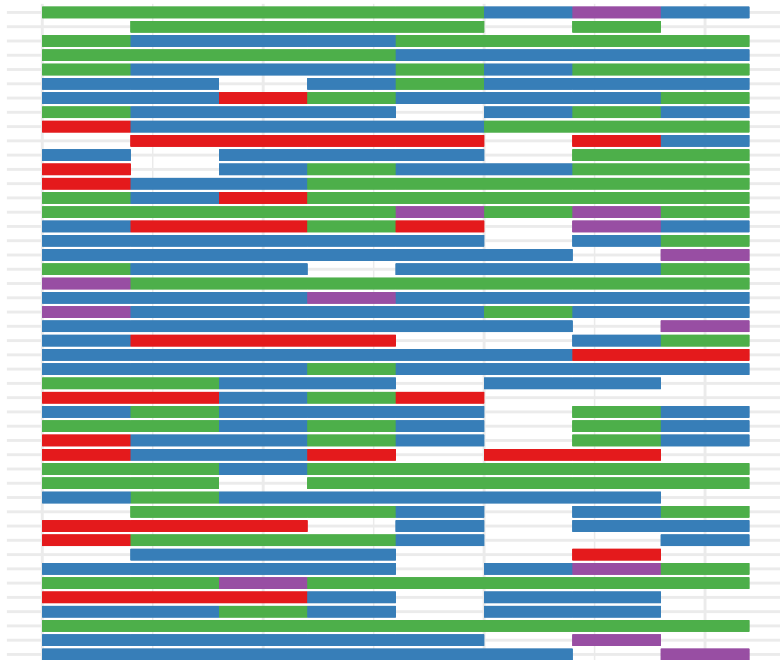
3

0.0e+00

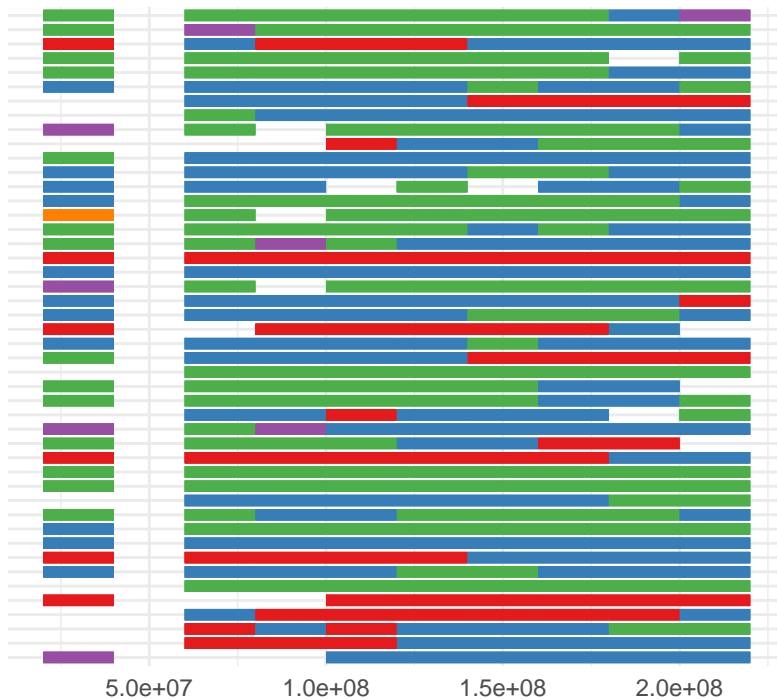
5.0e+07

1.0e+08

1.5e+08



BFL 5 HanXRQChr09 10MB window haplotypescount



Observed haplotypes

0

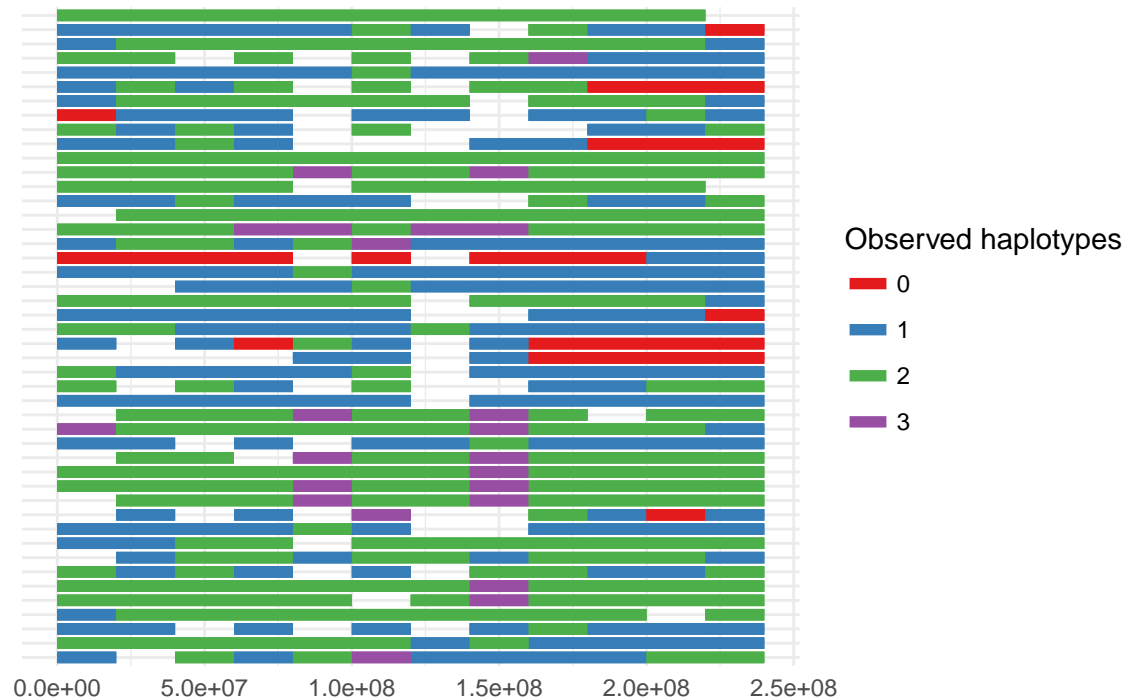
1

2

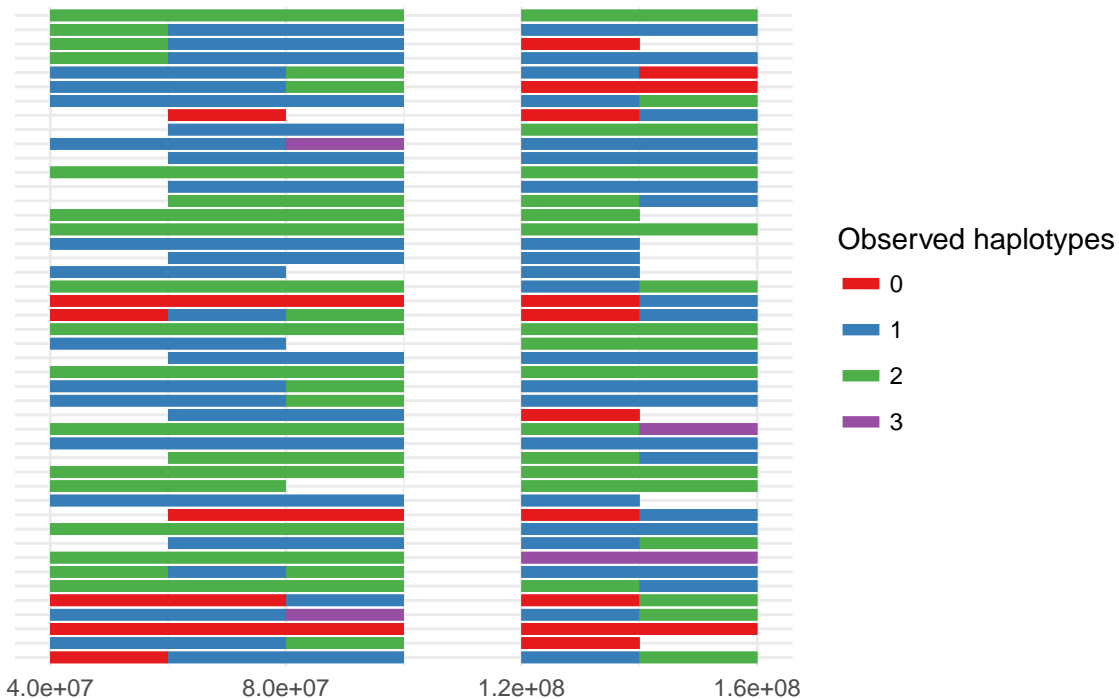
3

4

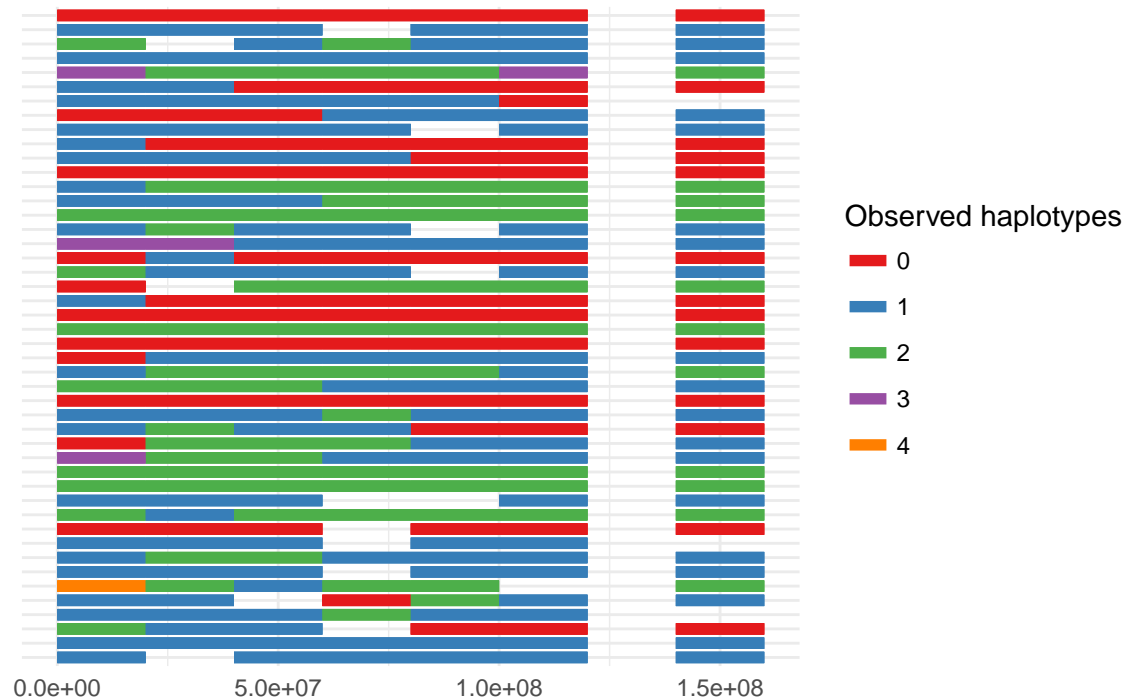
BFL 5 HanXRQChr10 10MB window haplotypescount



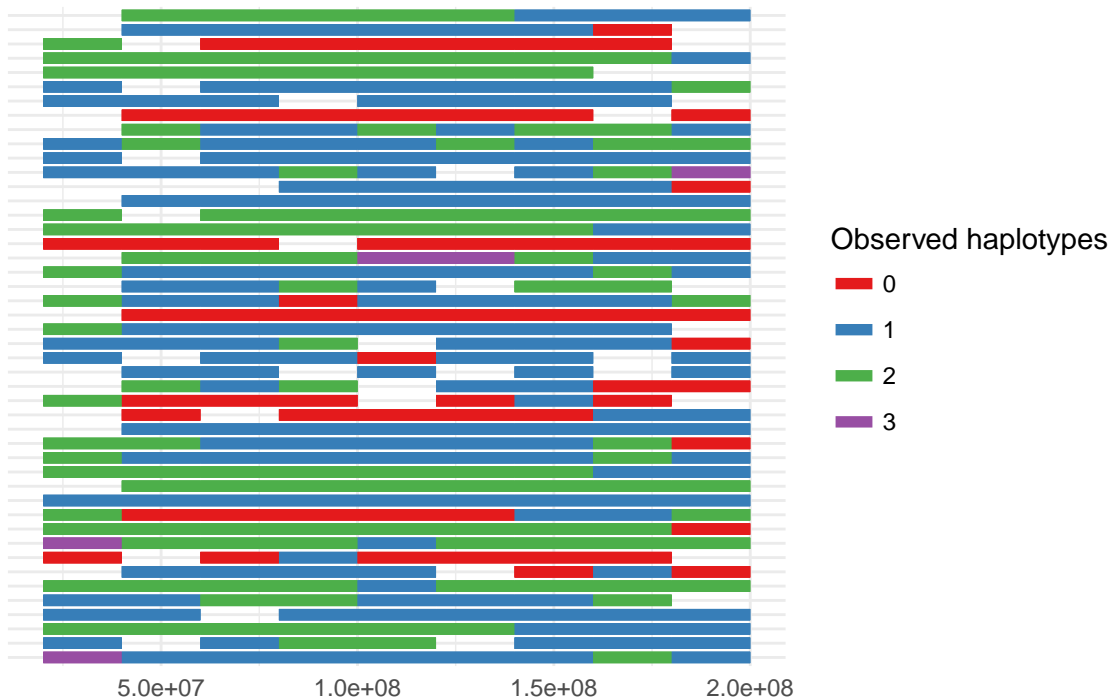
BFL 5 HanXRQChr11 10MB window haplotypescount



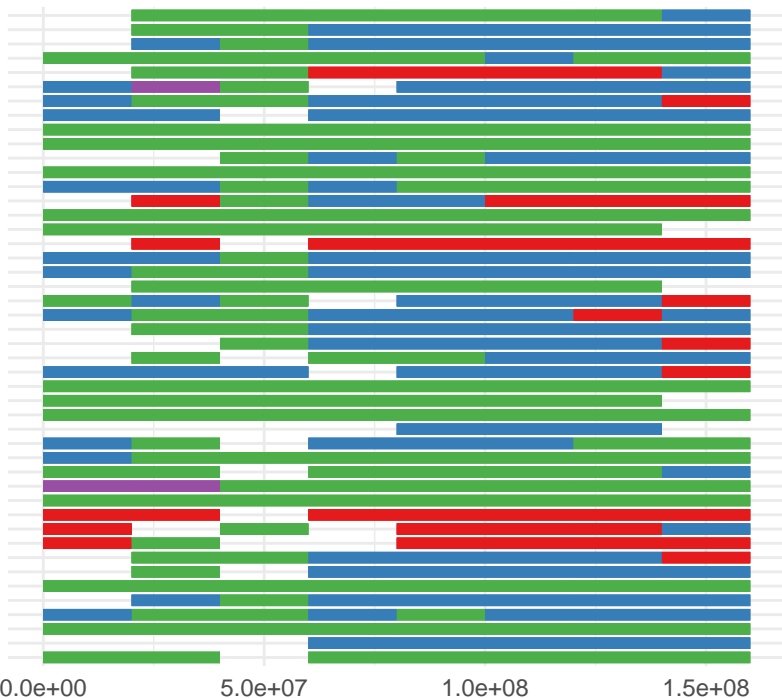
BFL 5 HanXRQChr12 10MB window haplotypescount



BFL 5 HanXRQChr13 10MB window haplotypescount



BFL 5 HanXRQChr14 10MB window haplotypescount



Observed haplotypes

0

1

2

3

BFL 5 HanXRQChr15 10MB window haplotypescount

Observed haplotypes

0

1

2

3

4

5

0.0e+00

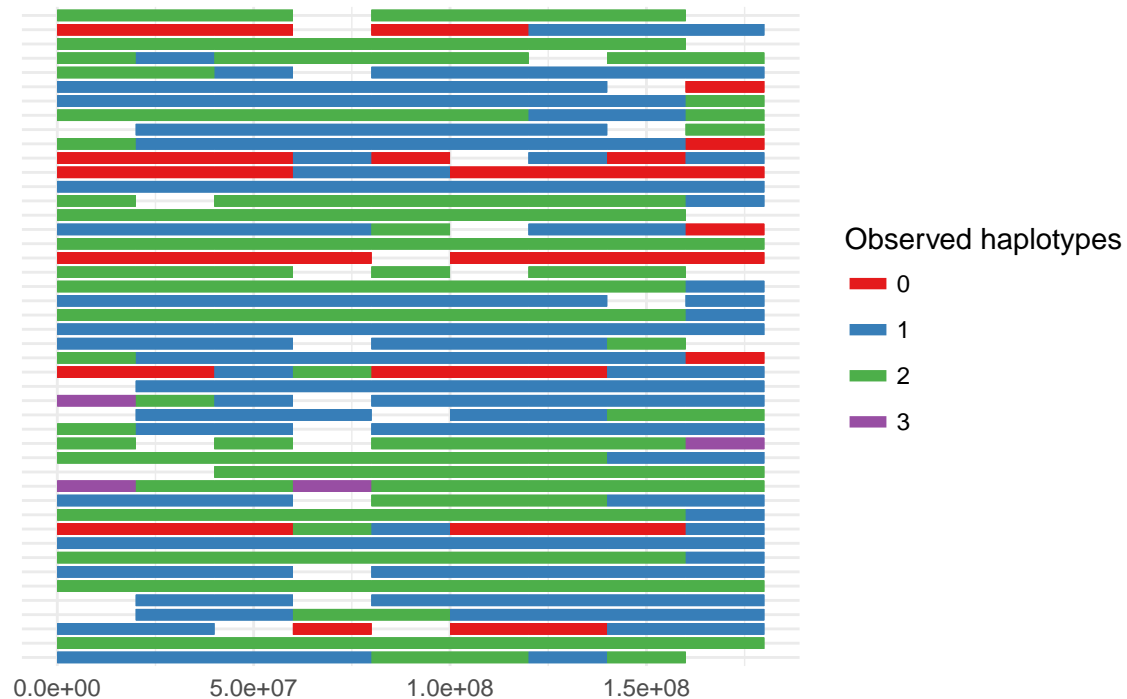
5.0e+07

1.0e+08

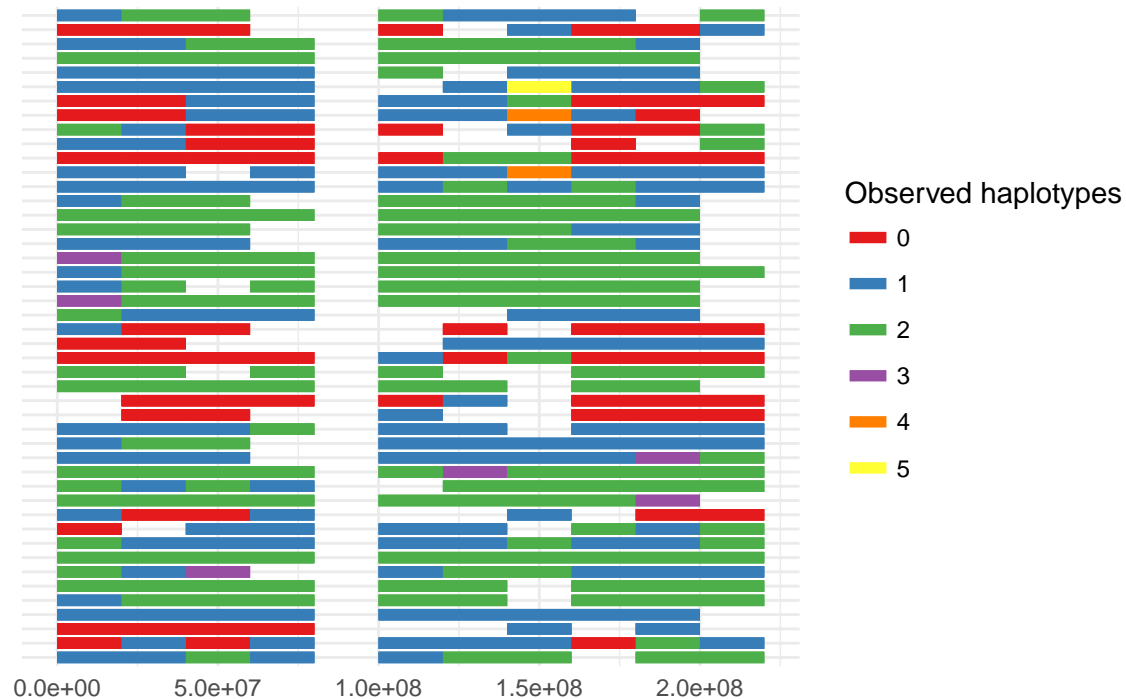
1.5e+08



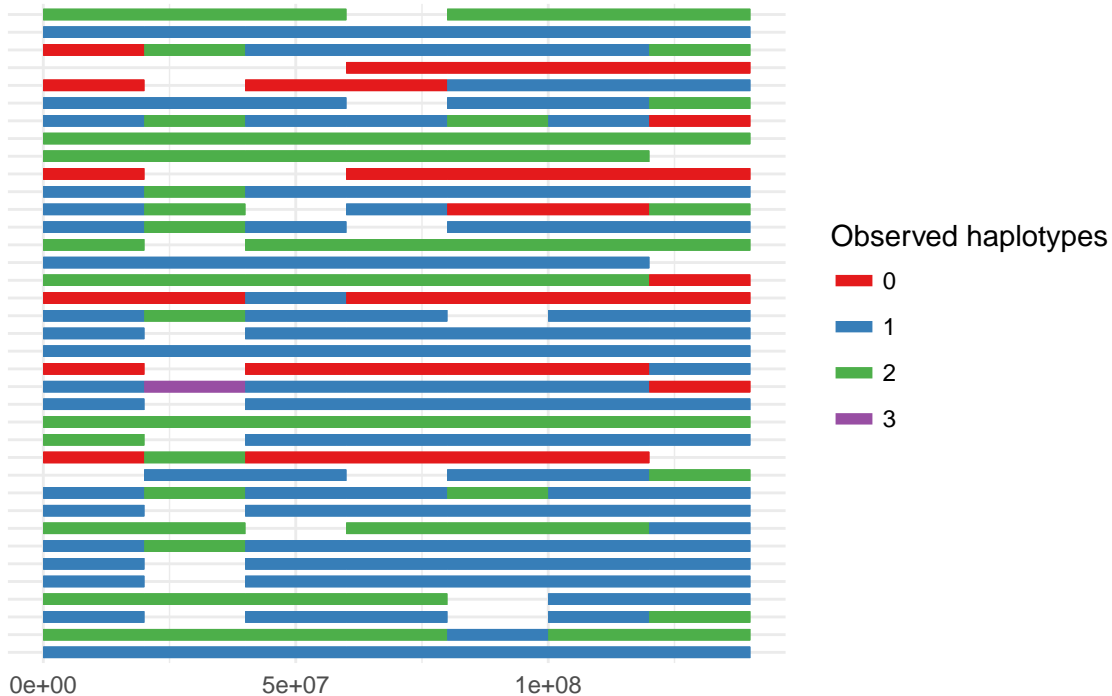
BFL 5 HanXRQChr16 10MB window haplotypescount



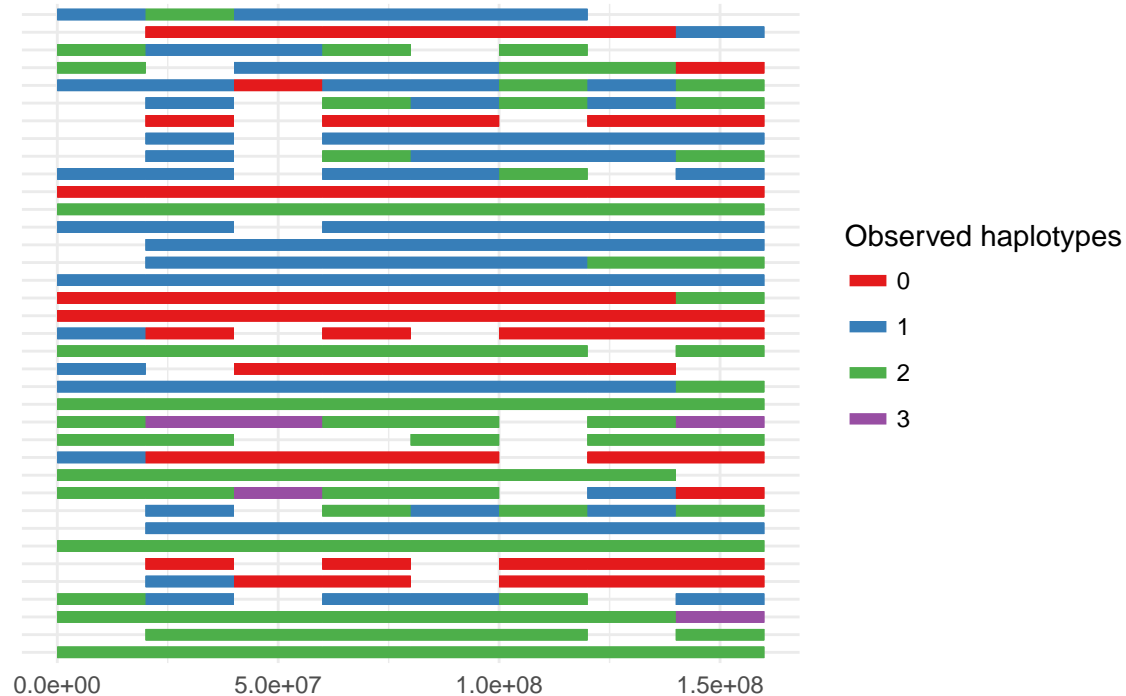
BFL 5 HanXRQChr17 10MB window haplotypescount



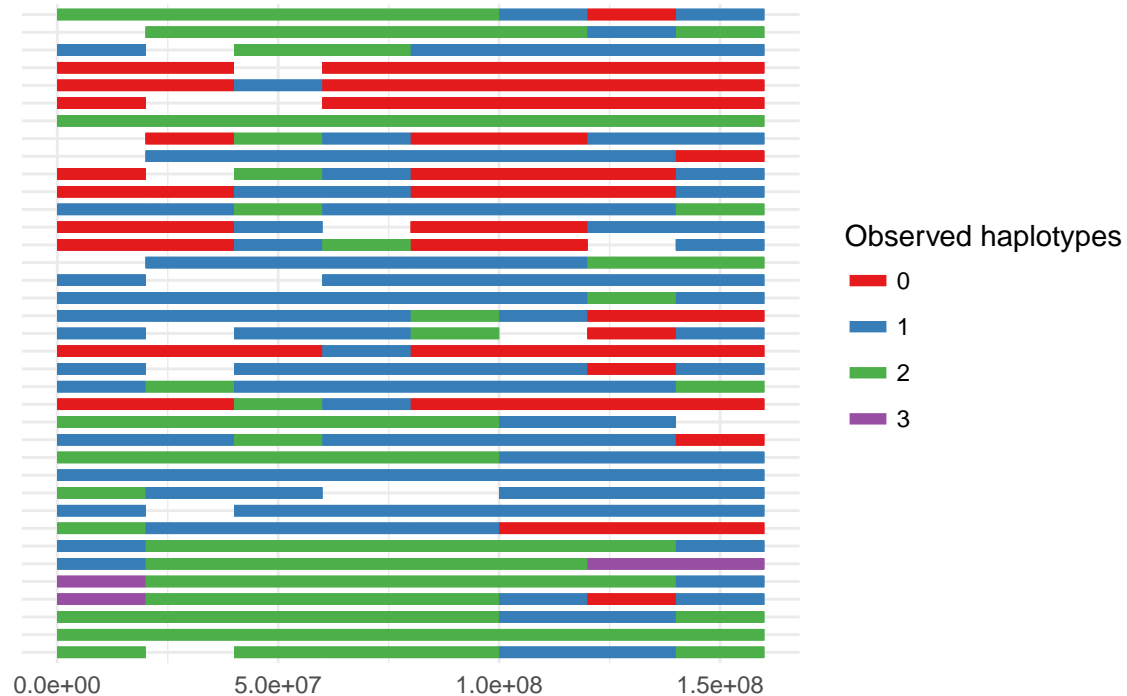
BFL 6 HanXRQChr01 10MB window haplotypescount



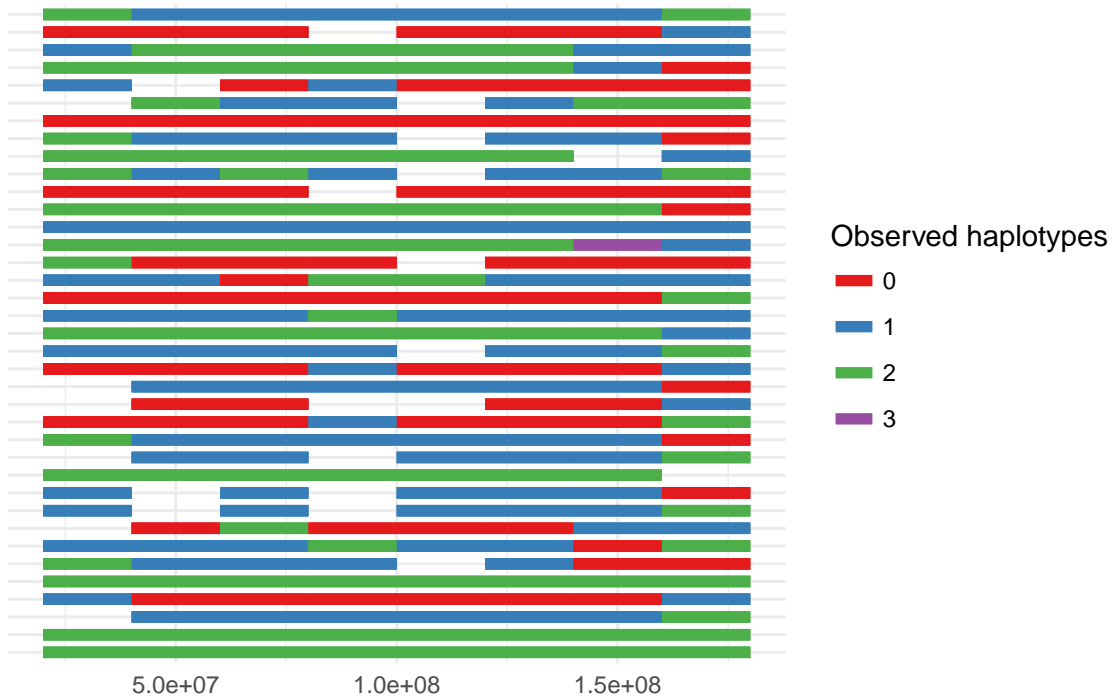
BFL 6 HanXRQChr02 10MB window haplotypescount



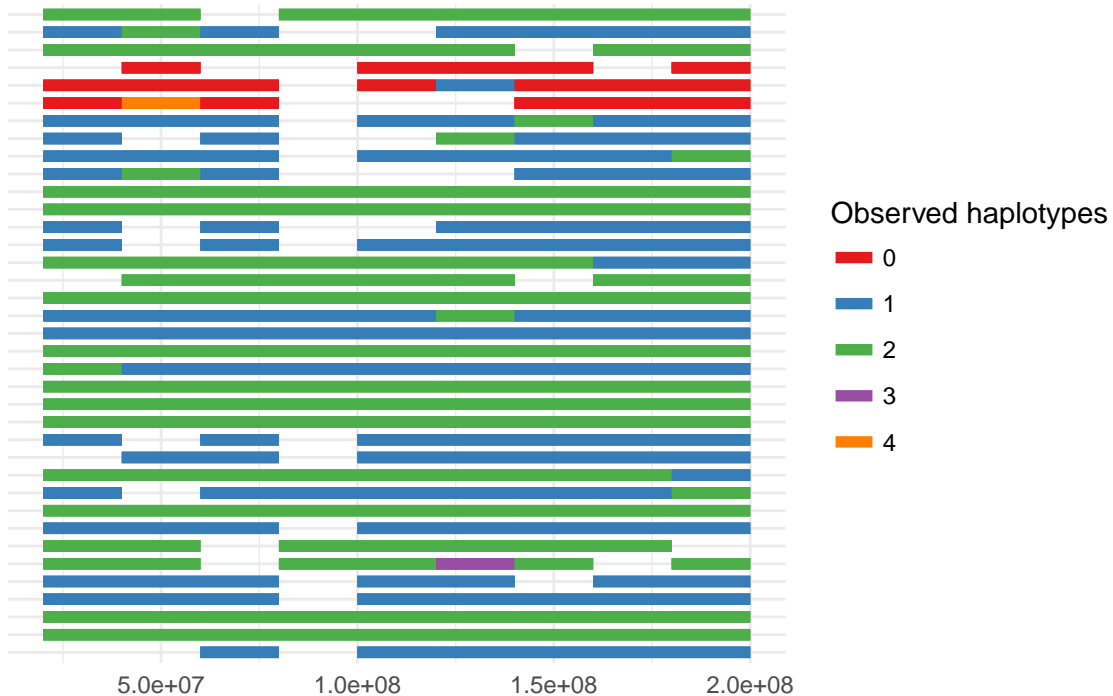
BFL 6 HanXRQChr03 10MB window haplotypescount



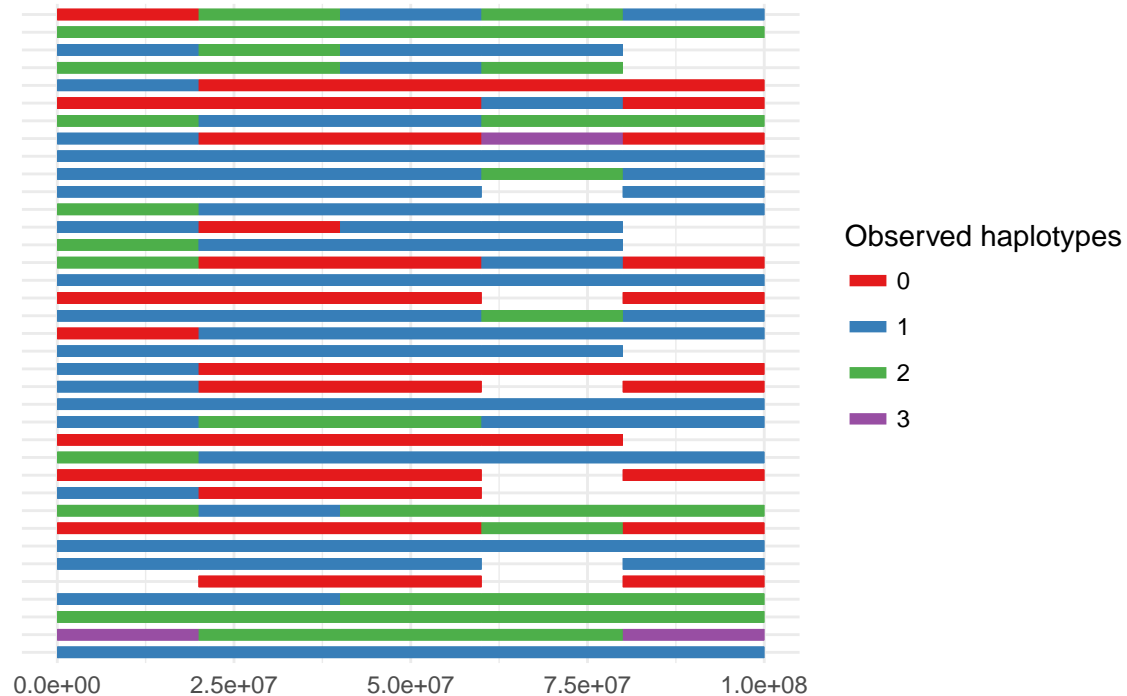
BFL 6 HanXRQChr04 10MB window haplotypescount



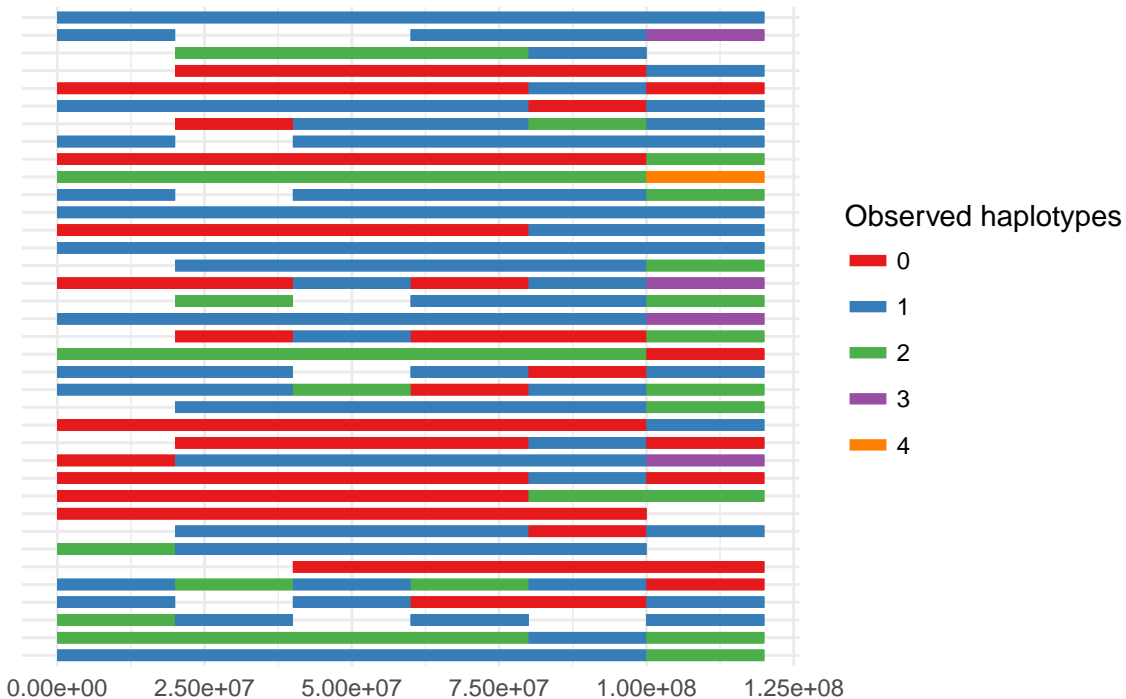
BFL 6 HanXRQChr05 10MB window haplotypescount



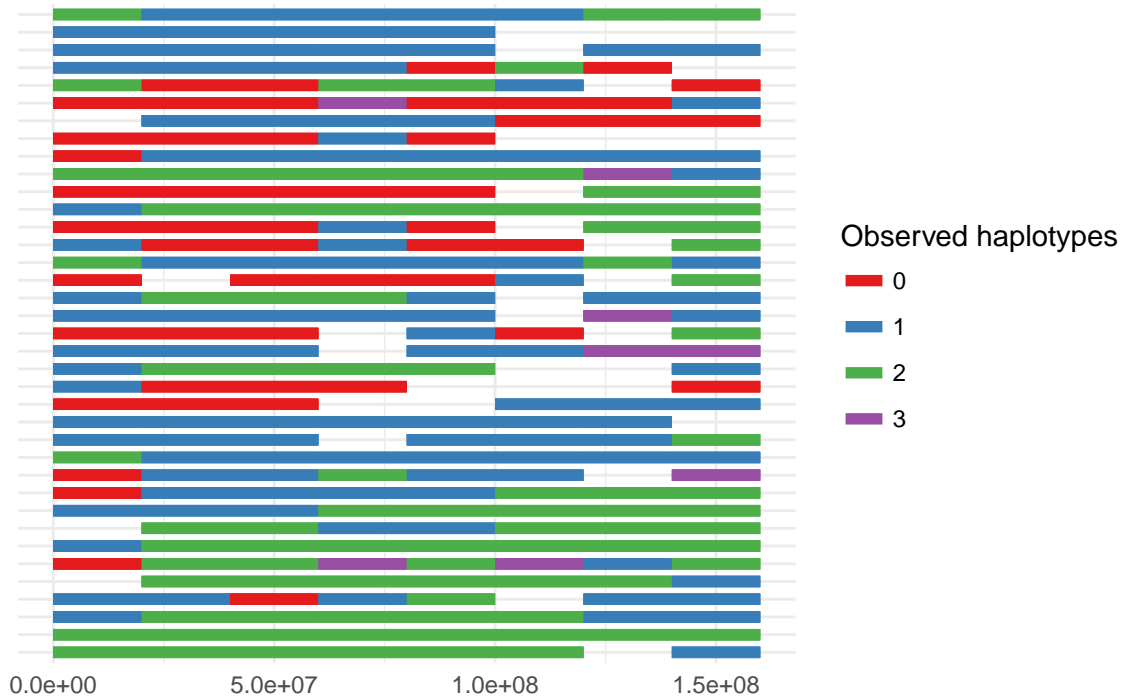
BFL 6 HanXRQChr06 10MB window haplotypescount



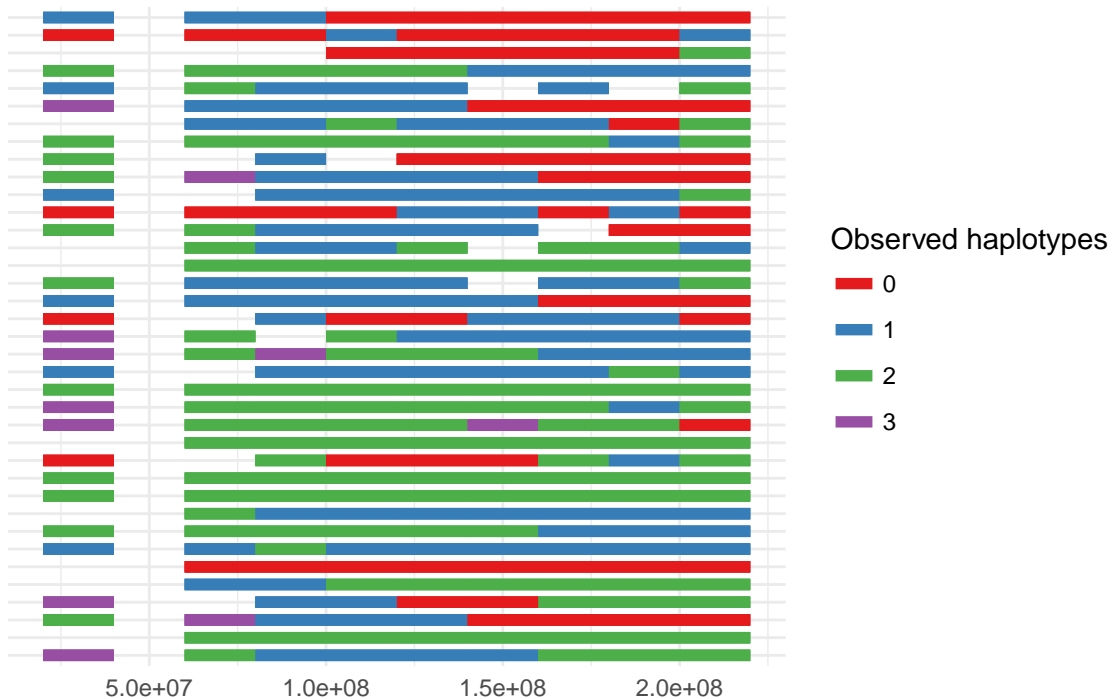
BFL 6 HanXRQChr07 10MB window haplotypescount



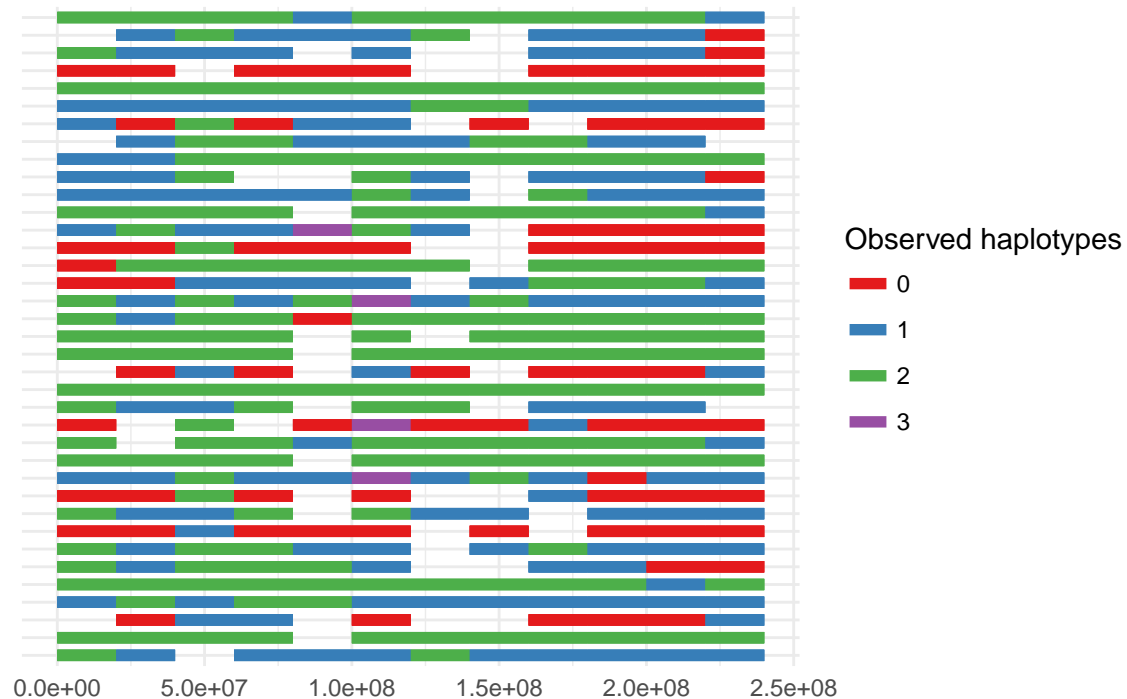
BFL 6 HanXRQChr08 10MB window haplotypescount



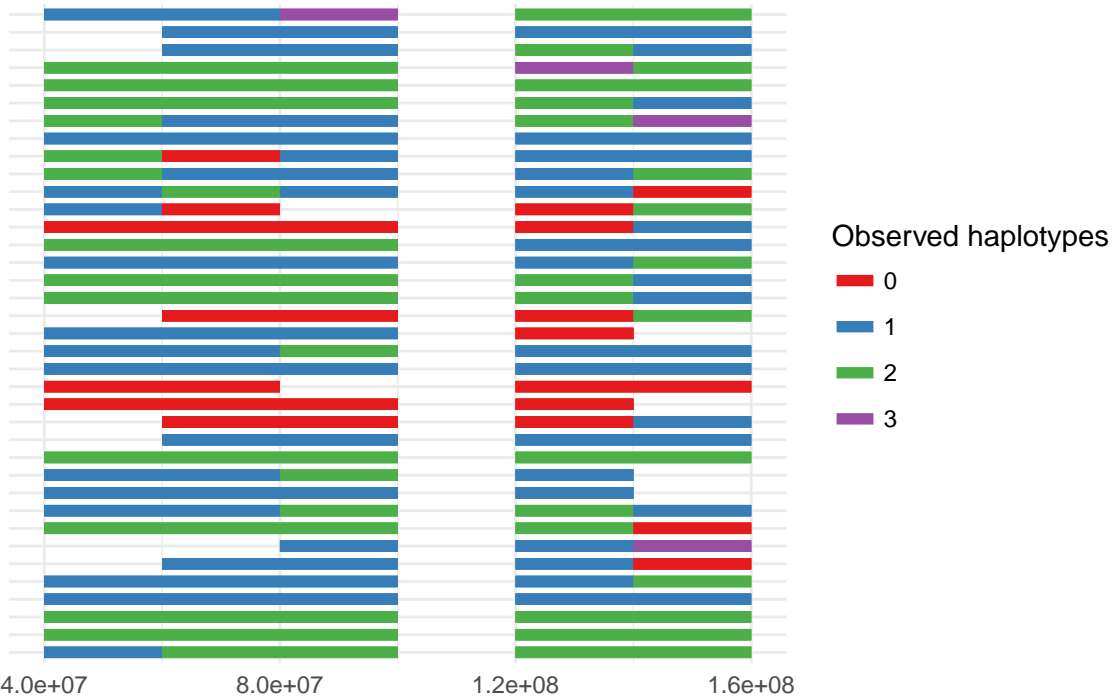
BFL 6 HanXRQChr09 10MB window haplotypescount



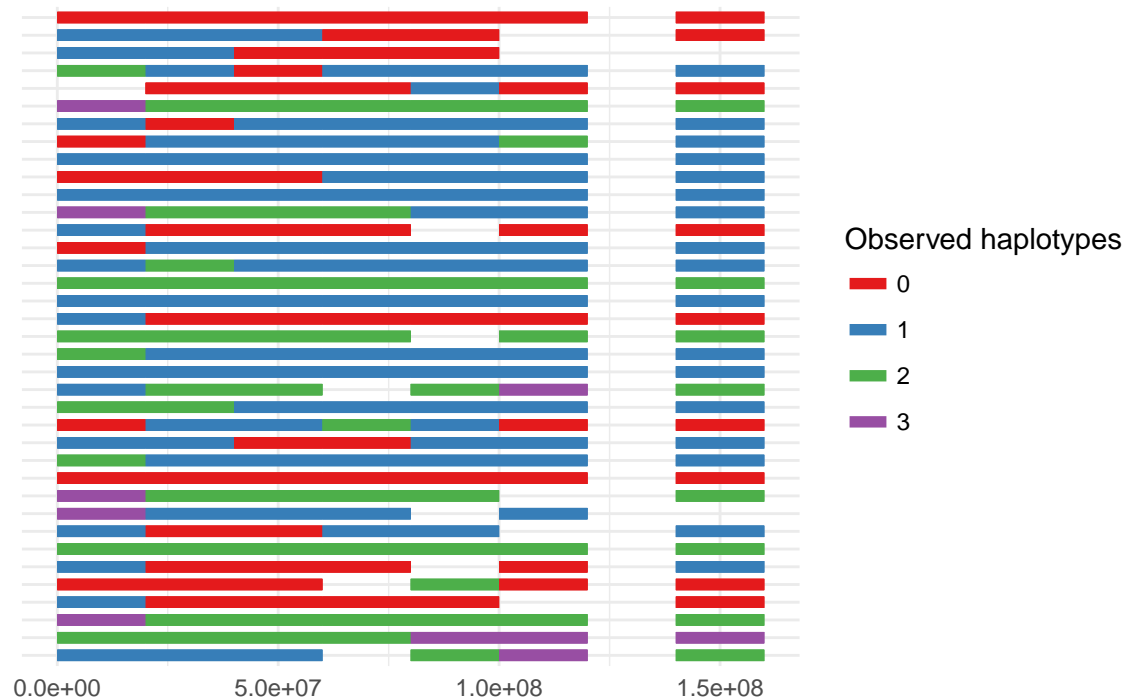
BFL 6 HanXRQChr10 10MB window haplotypescount



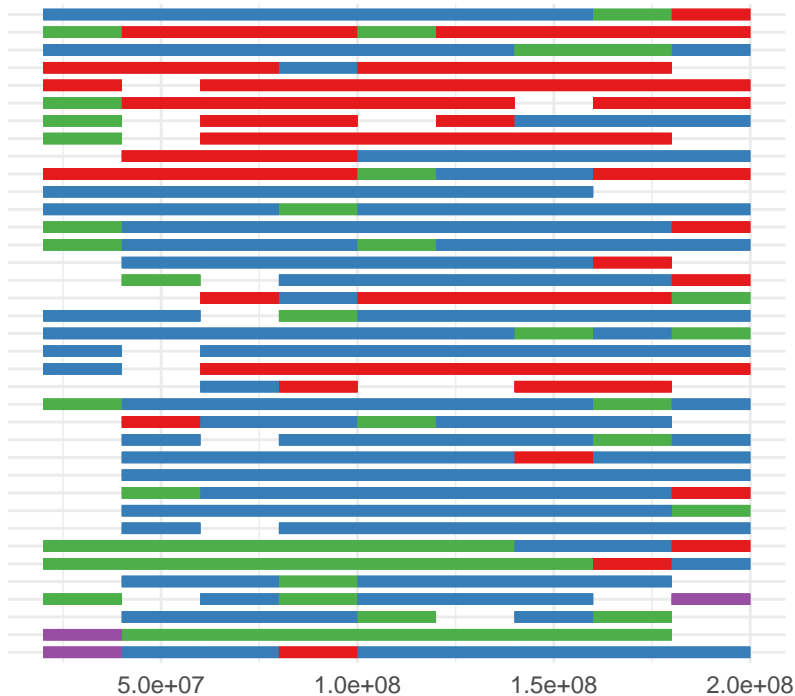
BFL 6 HanXRQChr11 10MB window haplotypescount



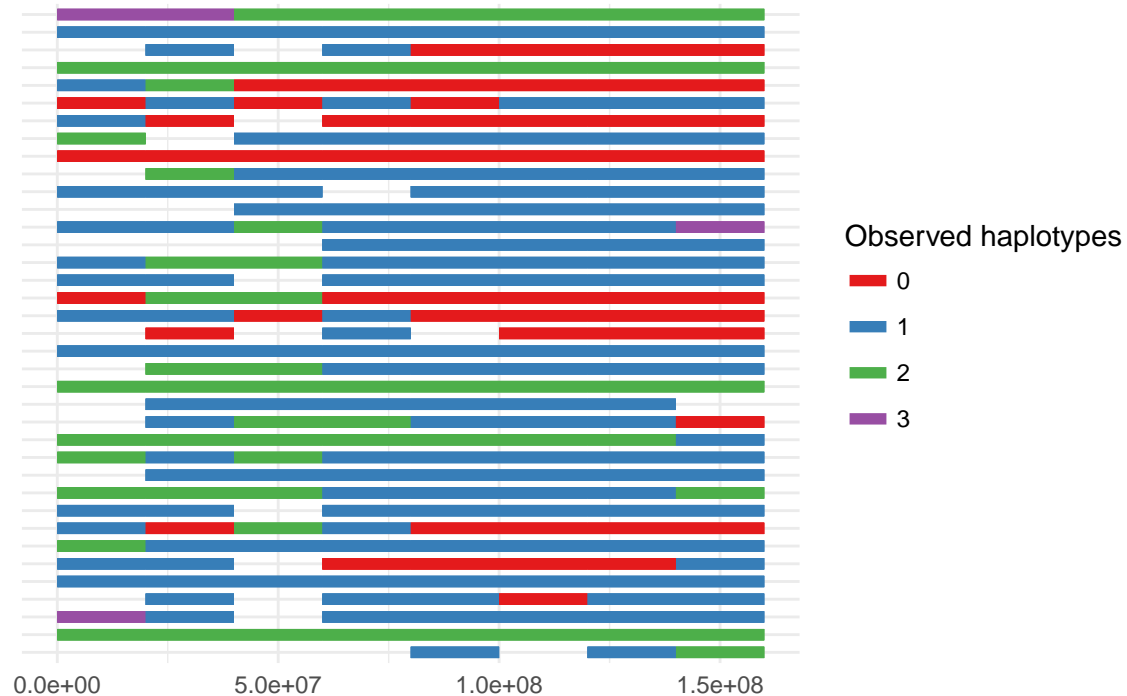
BFL 6 HanXRQChr12 10MB window haplotypescount



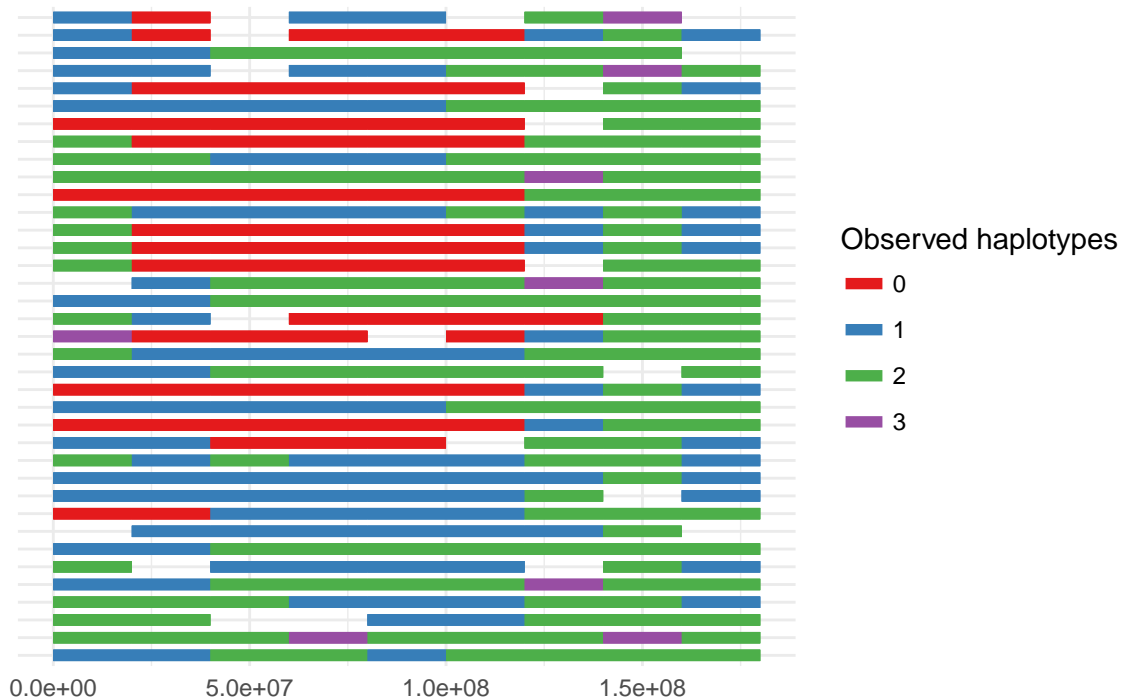
BFL 6 HanXRQChr13 10MB window haplotypescount



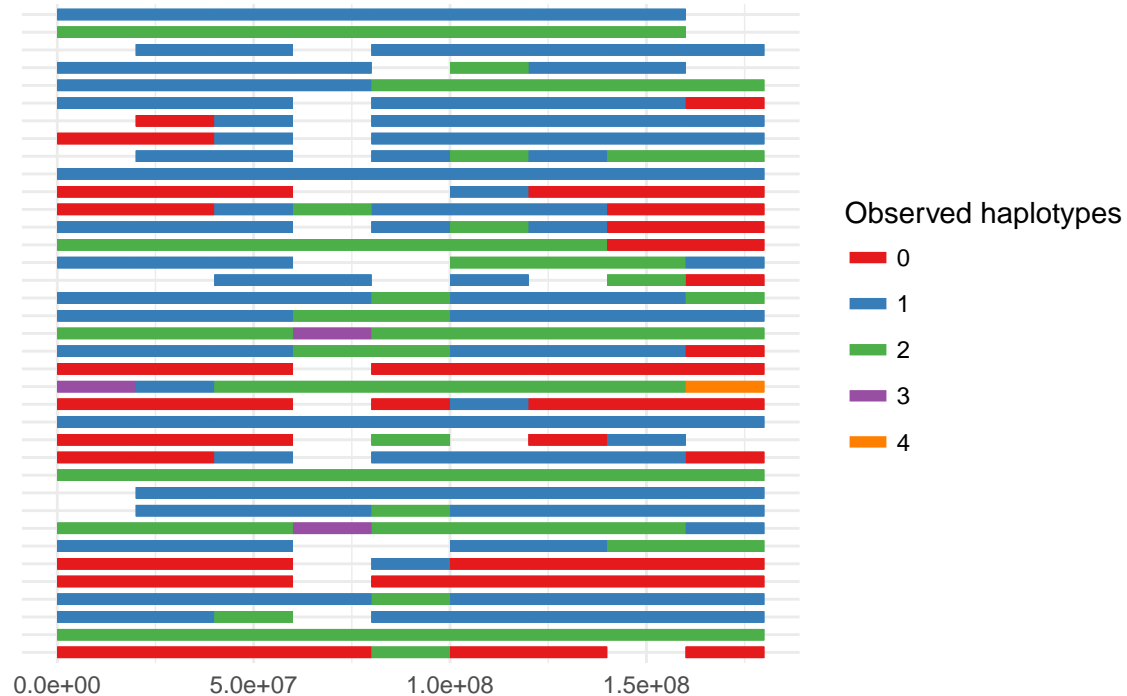
BFL 6 HanXRQChr14 10MB window haplotypescount



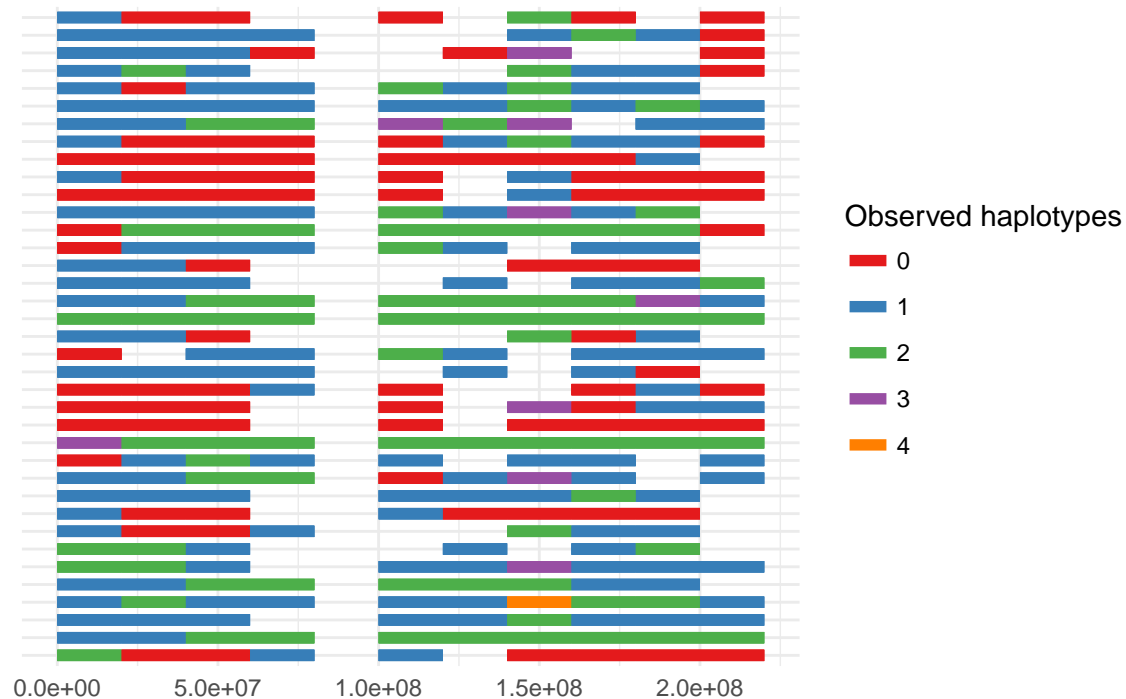
BFL 6 HanXRQChr15 10MB window haplotypescount



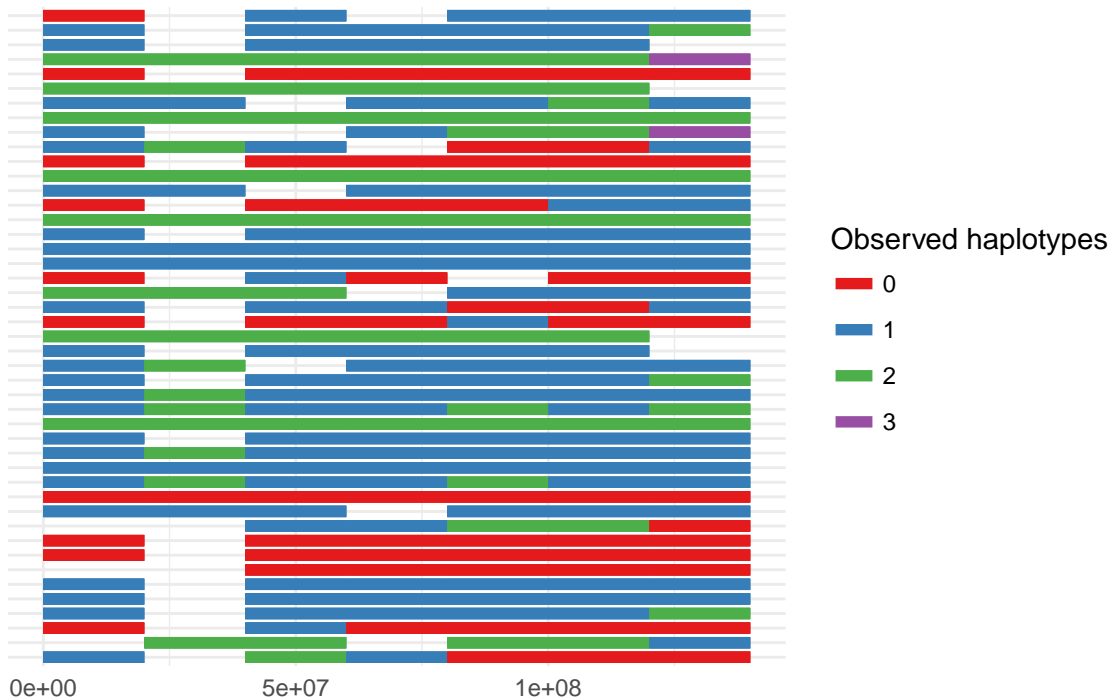
BFL 6 HanXRQChr16 10MB window haplotypescount



BFL 6 HanXRQChr17 10MB window haplotypescount



BFL 7 HanXRQChr01 10MB window haplotypescount



BFL 7 HanXRQChr02 10MB window haplotypescount

Observed haplotypes

0

1

2

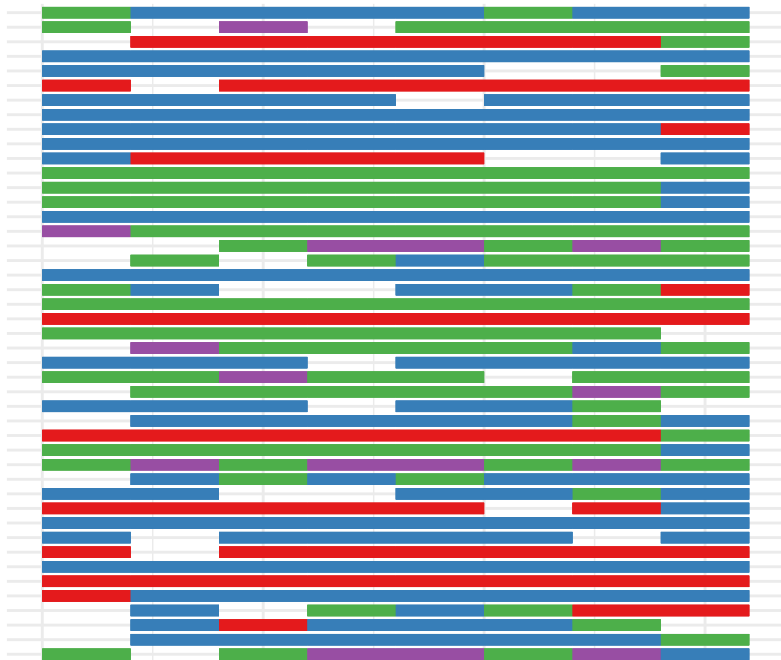
3

0.0e+00

5.0e+07

1.0e+08

1.5e+08



BFL 7 HanXRQChr03 10MB window haplotypescount

Observed haplotypes

0

1

2

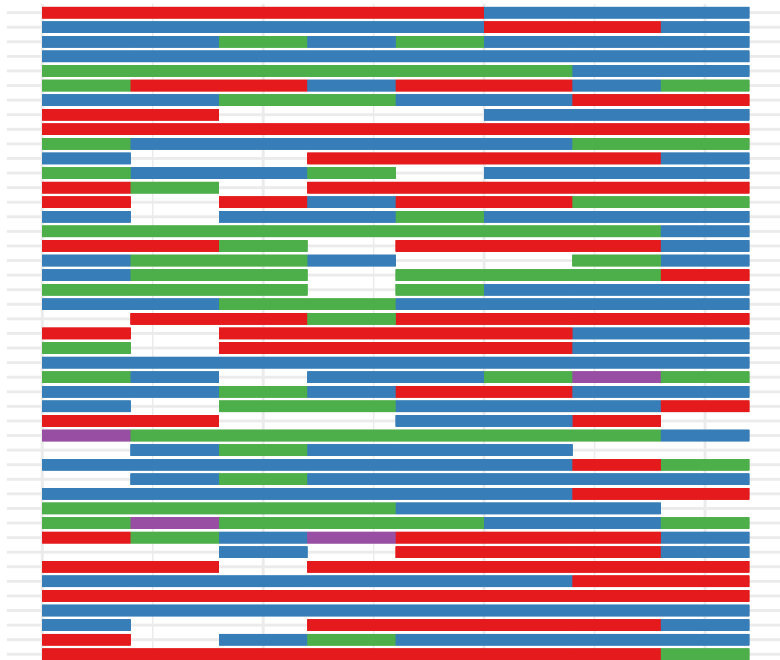
3

0.0e+00

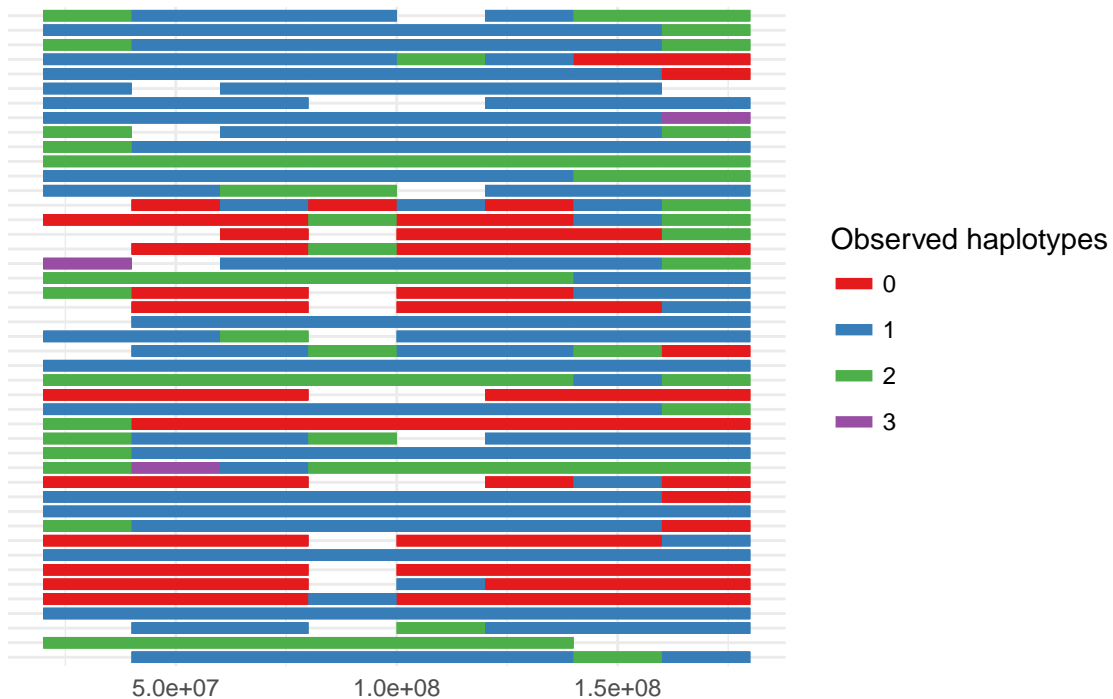
5.0e+07

1.0e+08

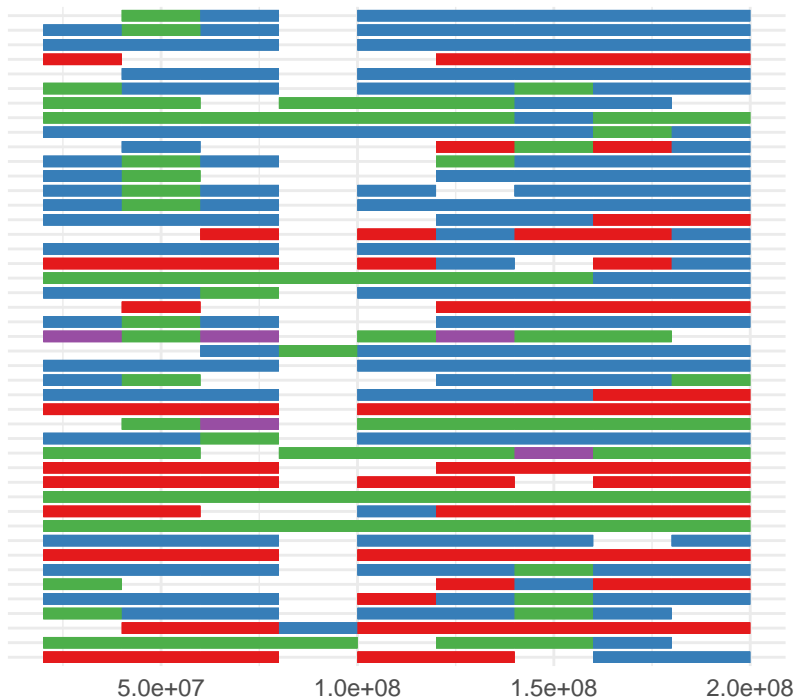
1.5e+08



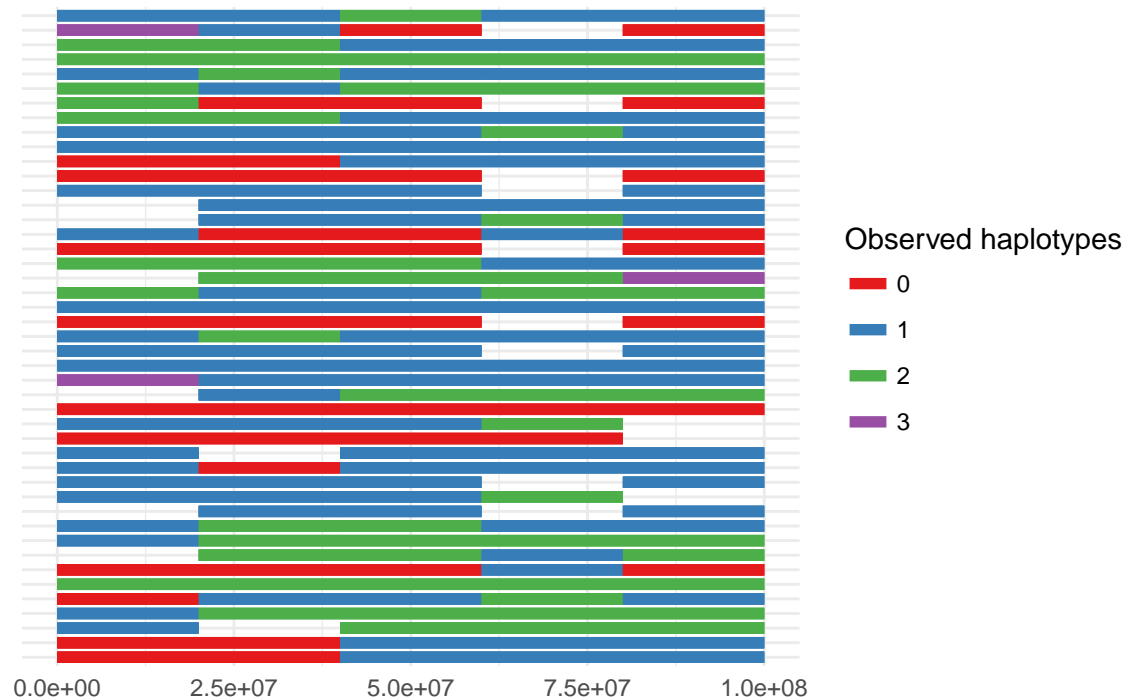
BFL 7 HanXRQChr04 10MB window haplotypescount



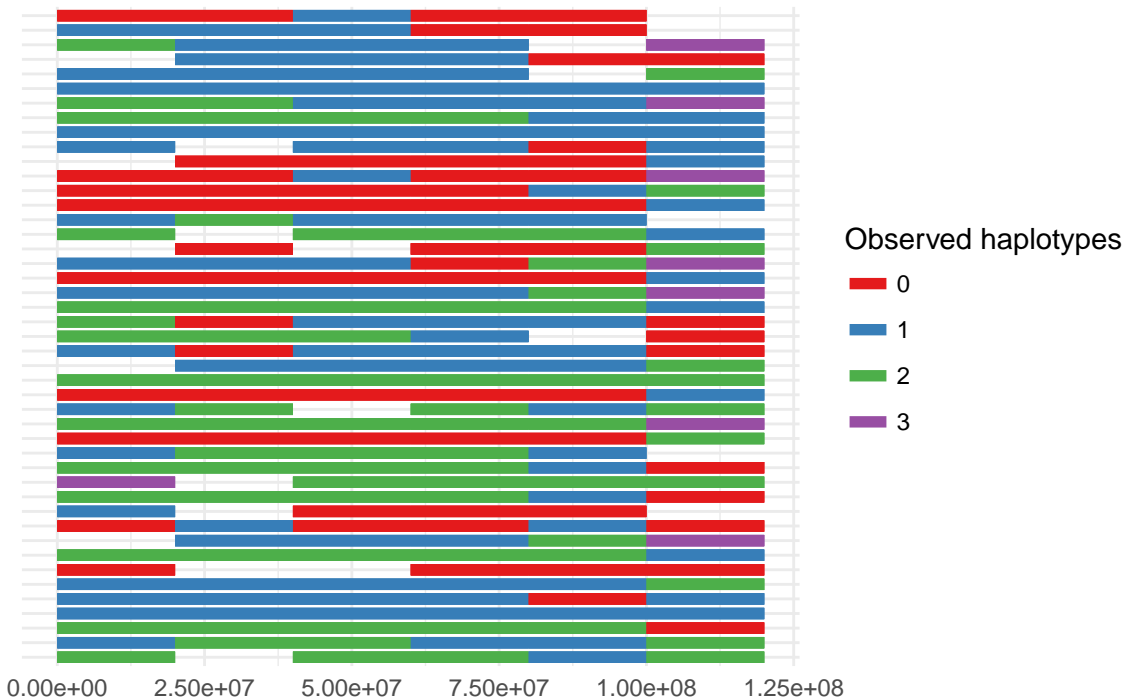
BFL 7 HanXRQChr05 10MB window haplotypescount



BFL 7 HanXRQChr06 10MB window haplotypescount



BFL 7 HanXRQChr07 10MB window haplotypescount



BFL 7 HanXRQChr08 10MB window haplotypescount

Observed haplotypes

0

1

2

3

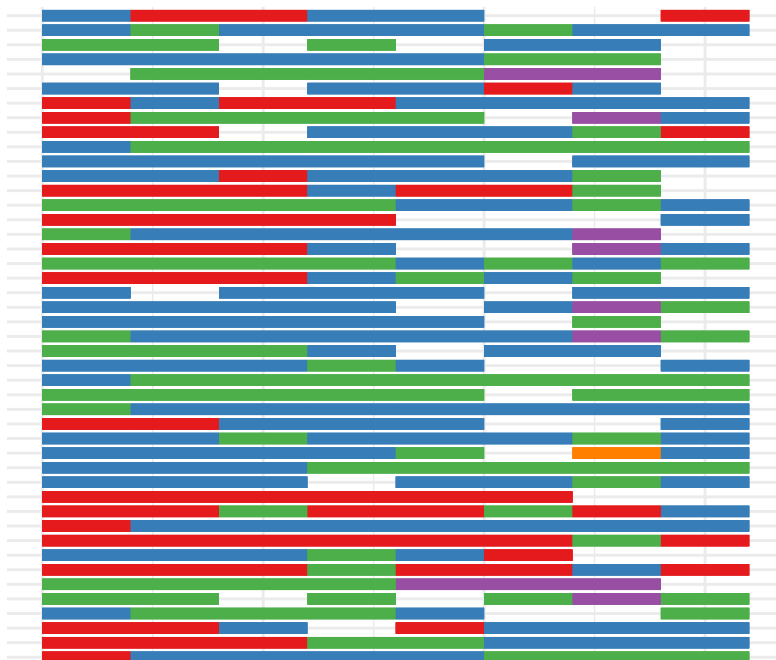
4

0.0e+00

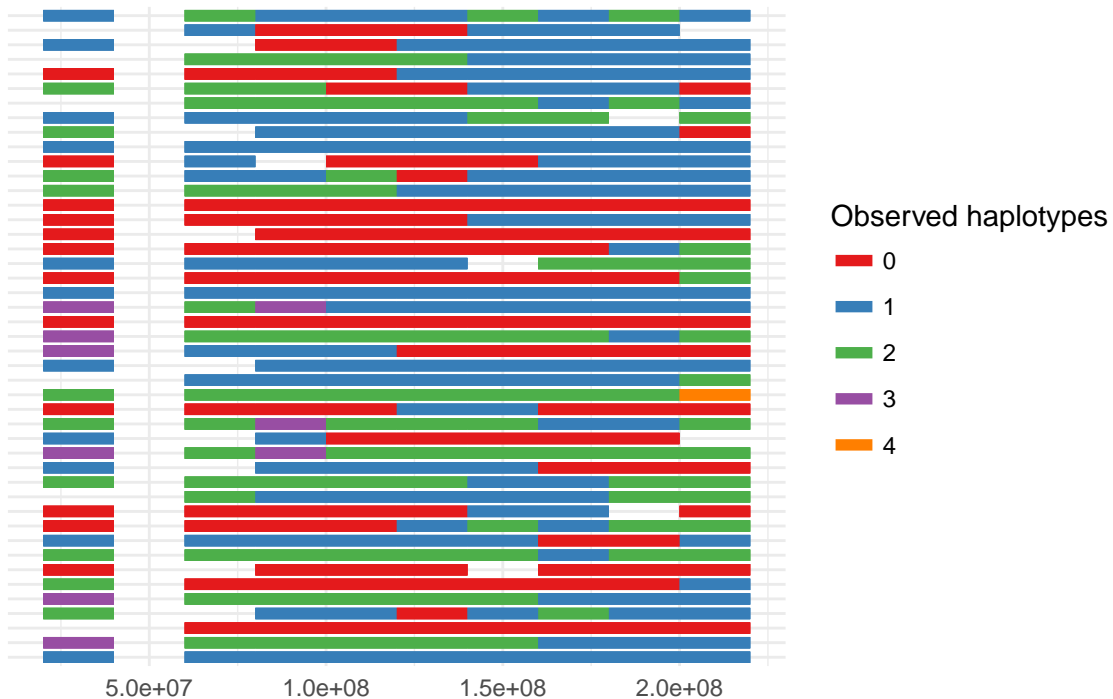
5.0e+07

1.0e+08

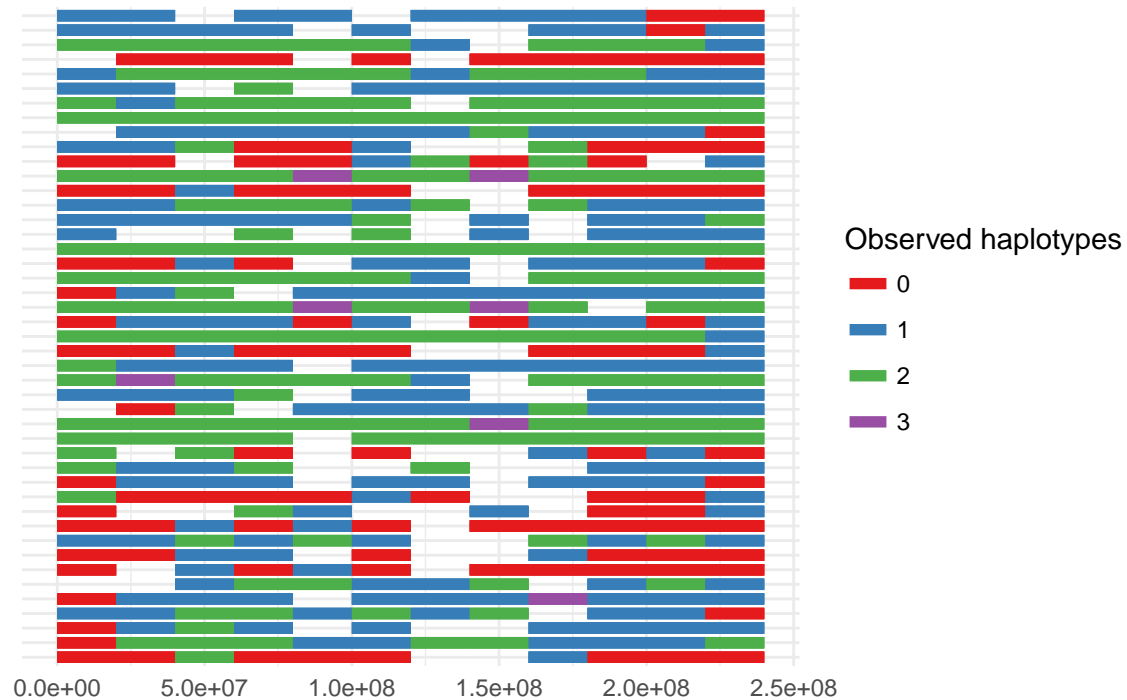
1.5e+08



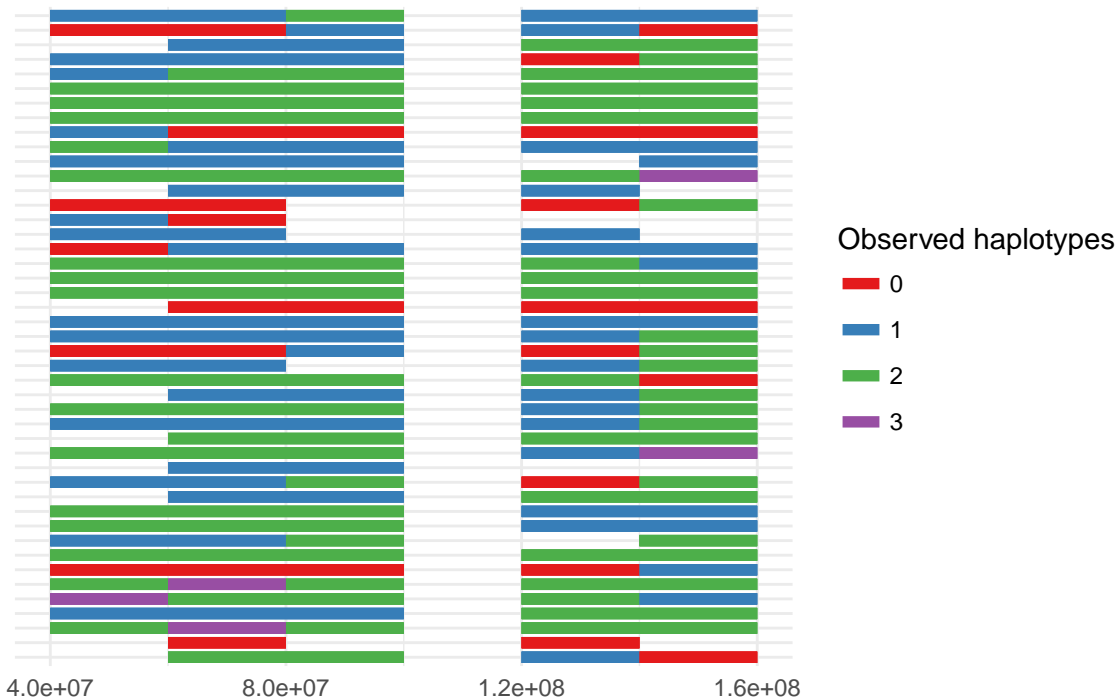
BFL 7 HanXRQChr09 10MB window haplotypescount



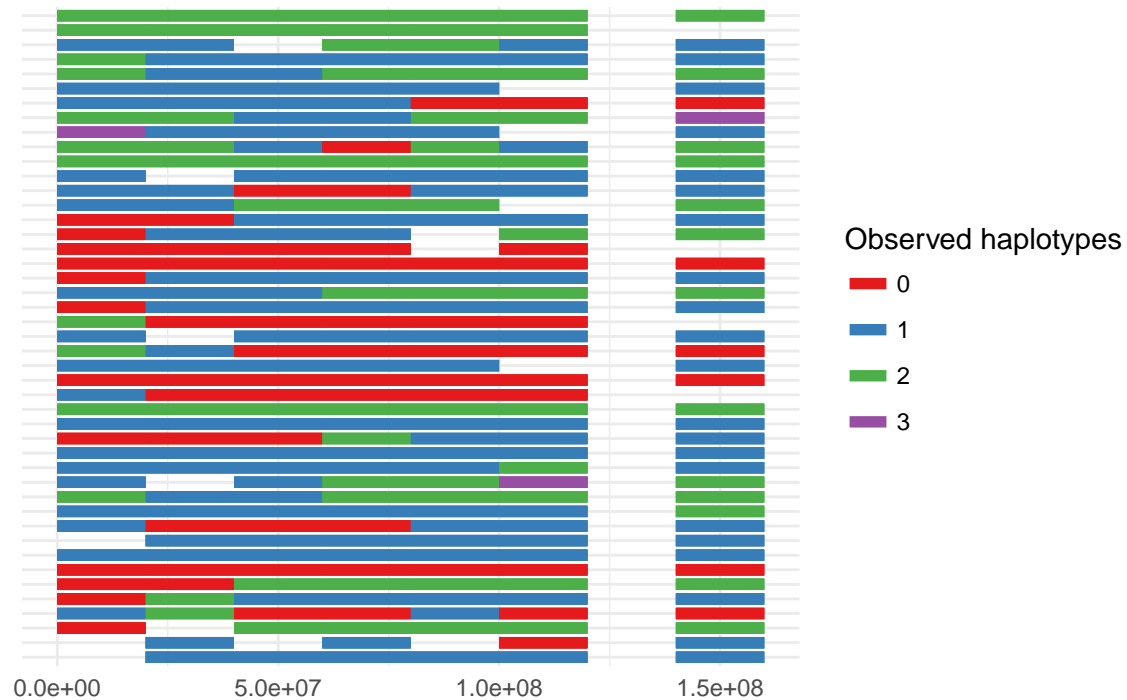
BFL 7 HanXRQChr10 10MB window haplotypescount



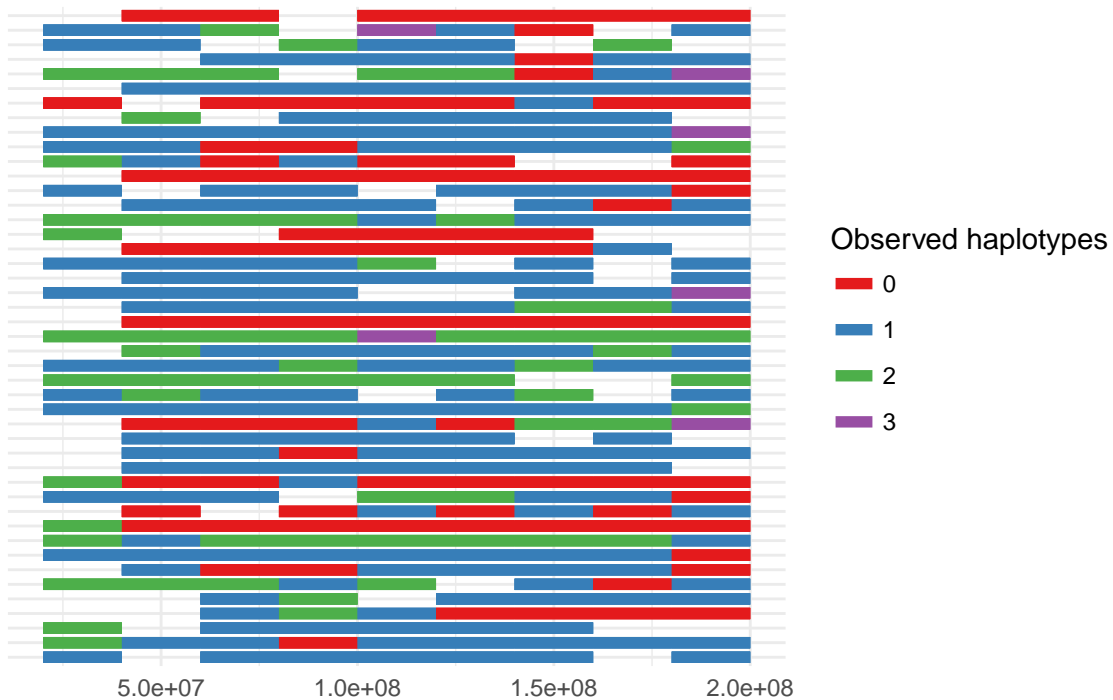
BFL 7 HanXRQChr11 10MB window haplotypescount



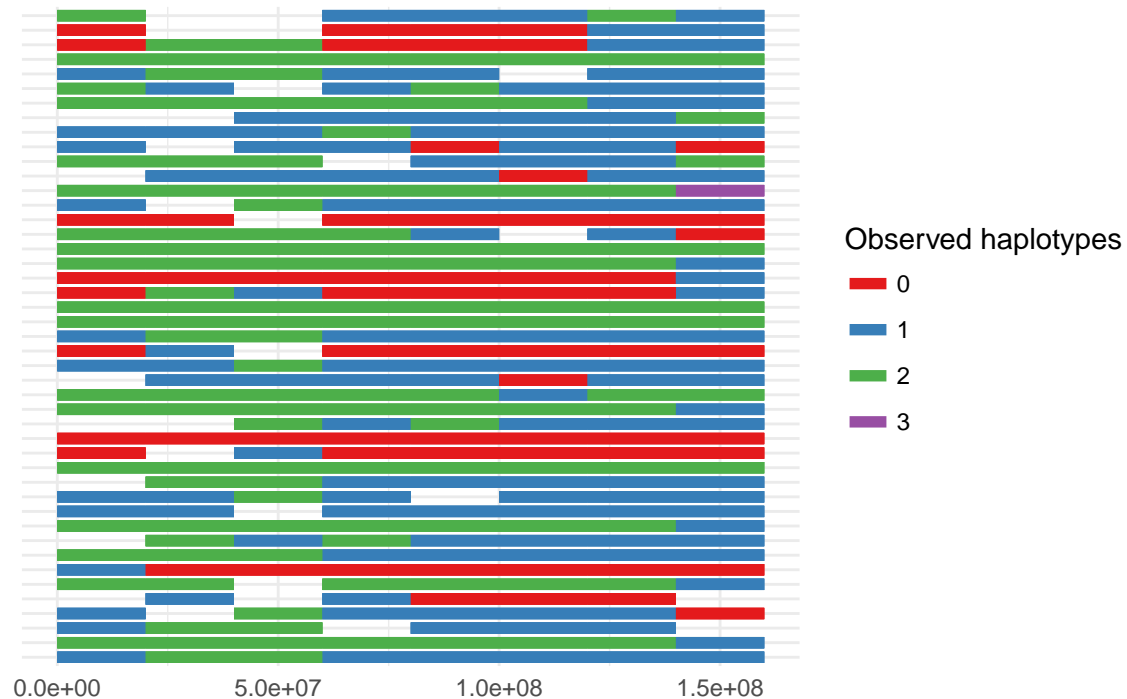
BFL 7 HanXRQChr12 10MB window haplotypescount



BFL 7 HanXRQChr13 10MB window haplotypescount



BFL 7 HanXRQChr14 10MB window haplotypescount



BFL 7 HanXRQChr15 10MB window haplotypescount

Observed haplotypes

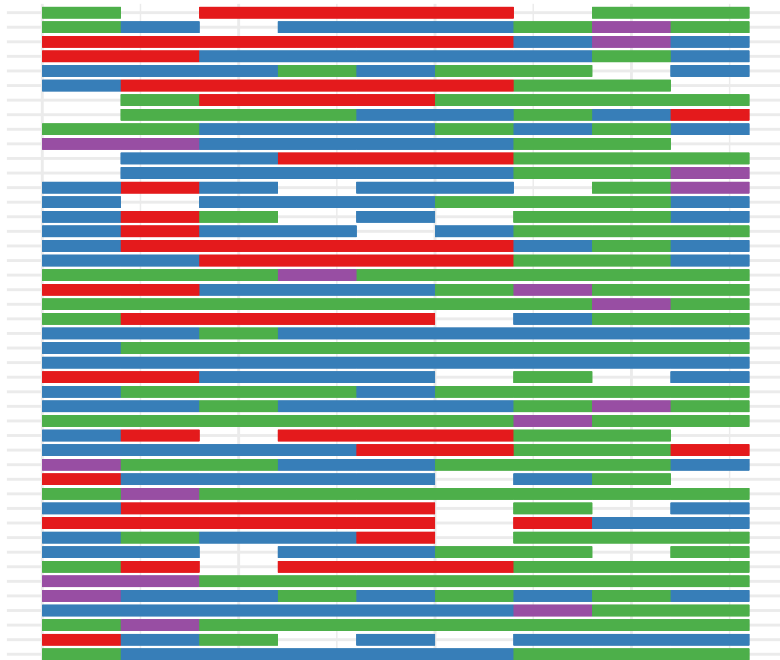
0

1

2

3

0.0e+00 5.0e+07 1.0e+08 1.5e+08



BFL 7 HanXRQChr16 10MB window haplotypescount

Observed haplotypes

0

1

2

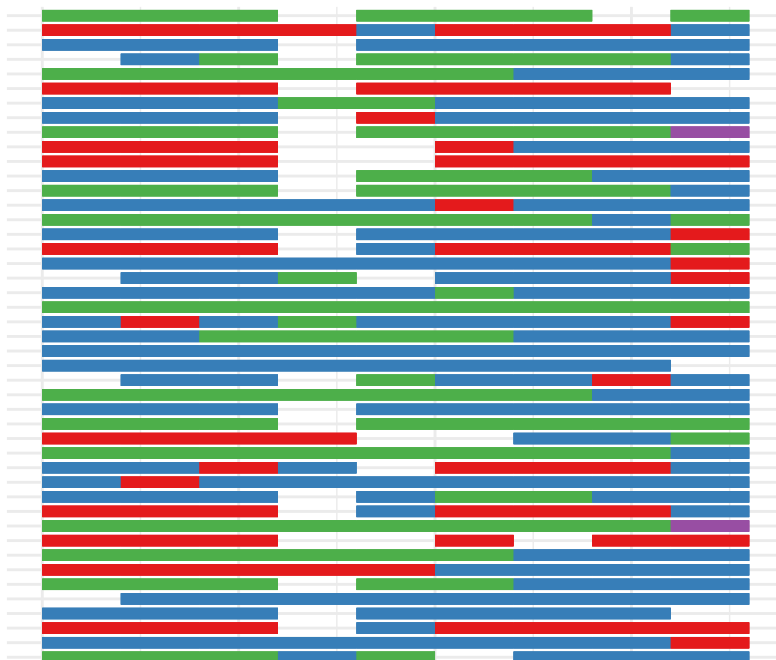
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0.0e+00

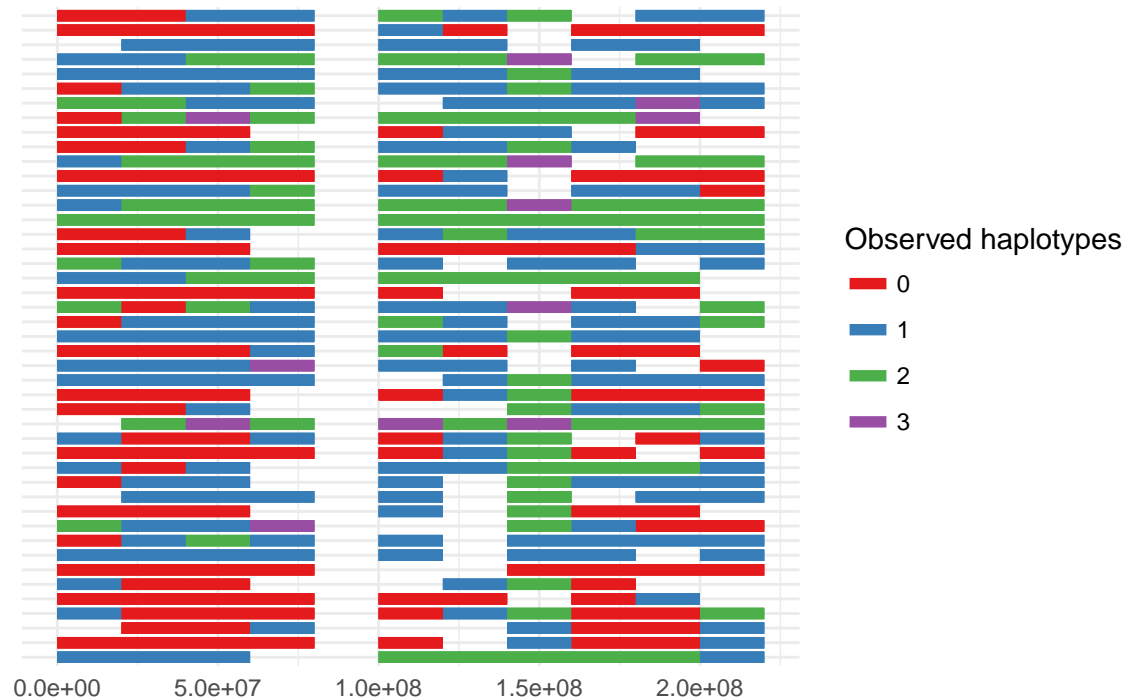
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1.0e+08

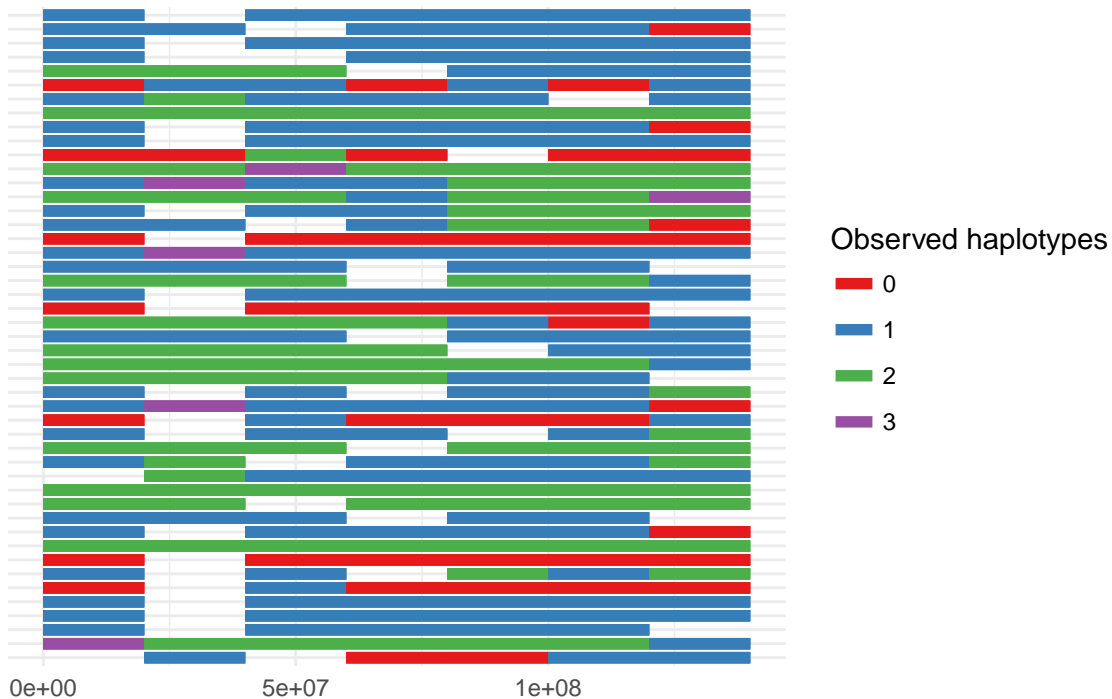
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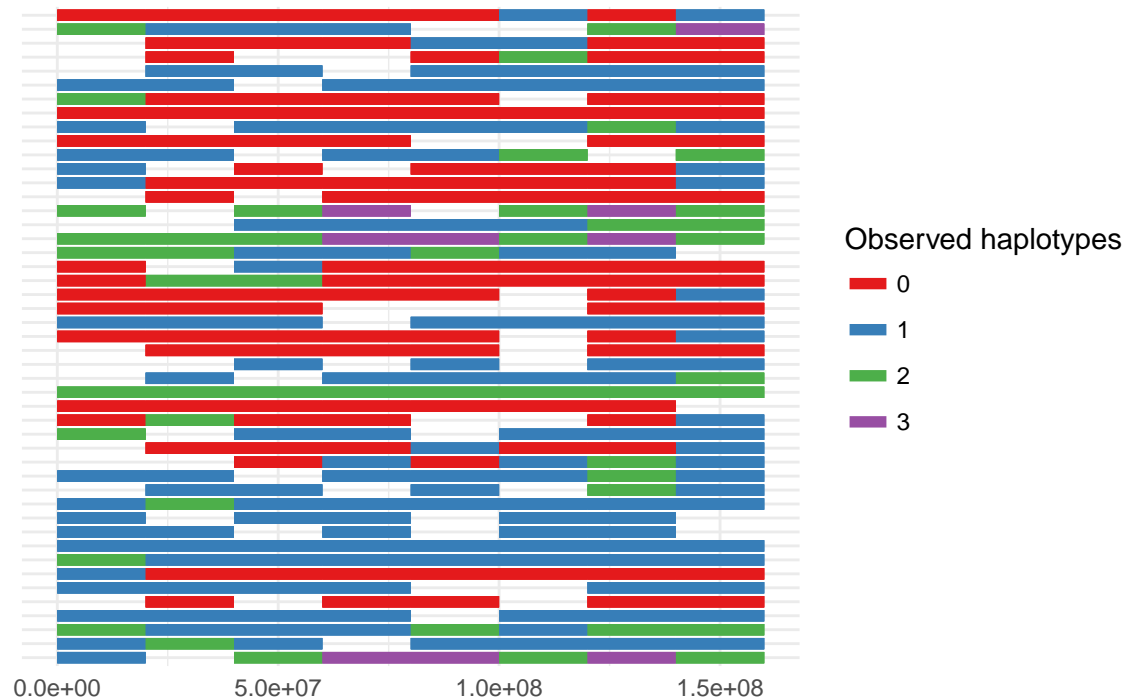
BFL 7 HanXRQChr17 10MB window haplotypescount



BFL 8 HanXRQChr01 10MB window haplotypescount



BFL 8 HanXRQChr02 10MB window haplotypescount



BFL 8 HanXRQChr03 10MB window haplotypescount

Observed haplotypes

0

1

2

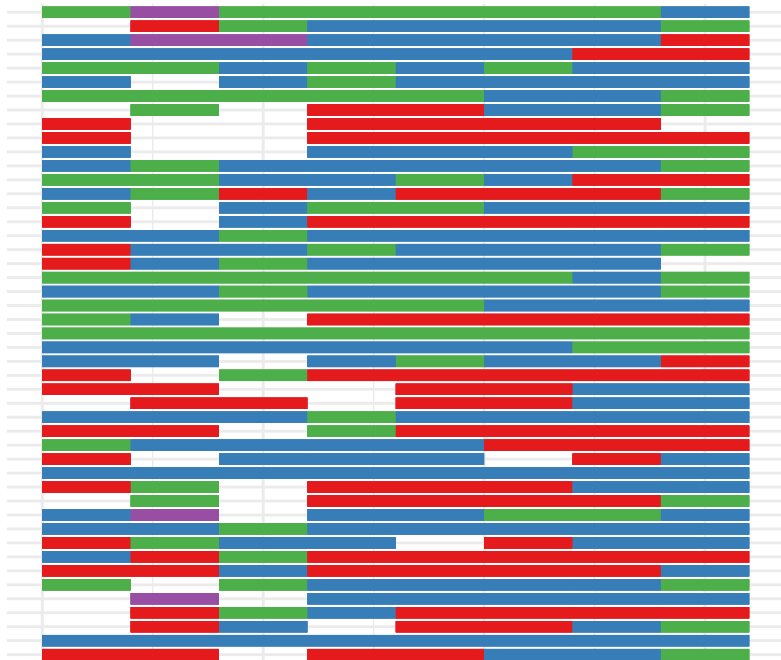
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0.0e+00

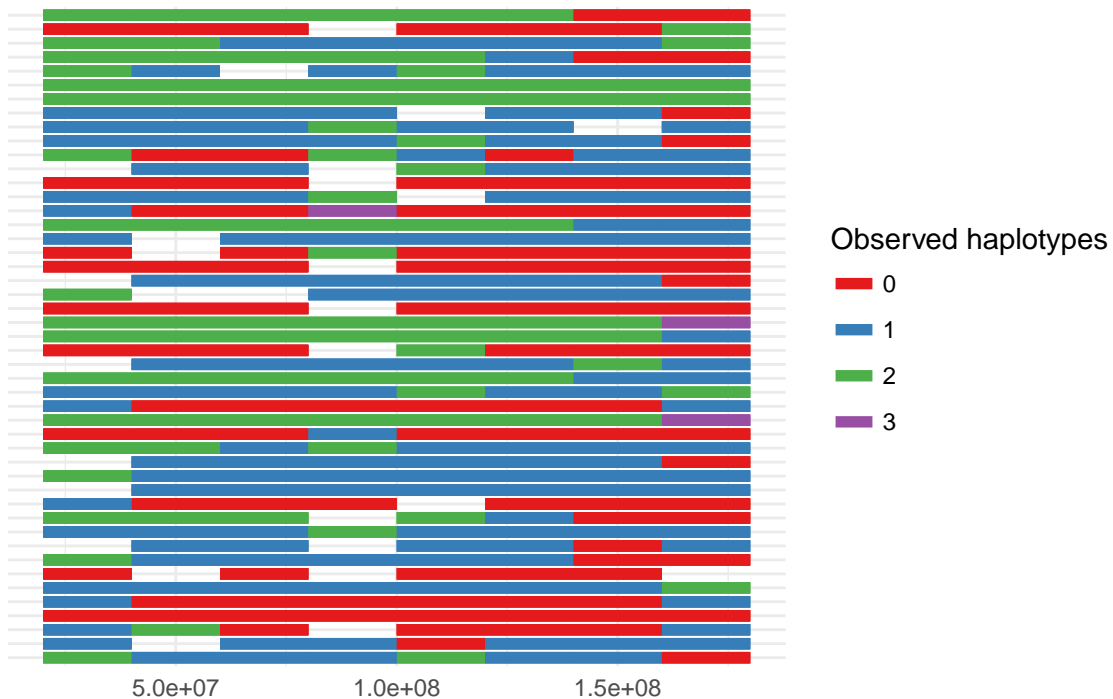
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1.0e+08

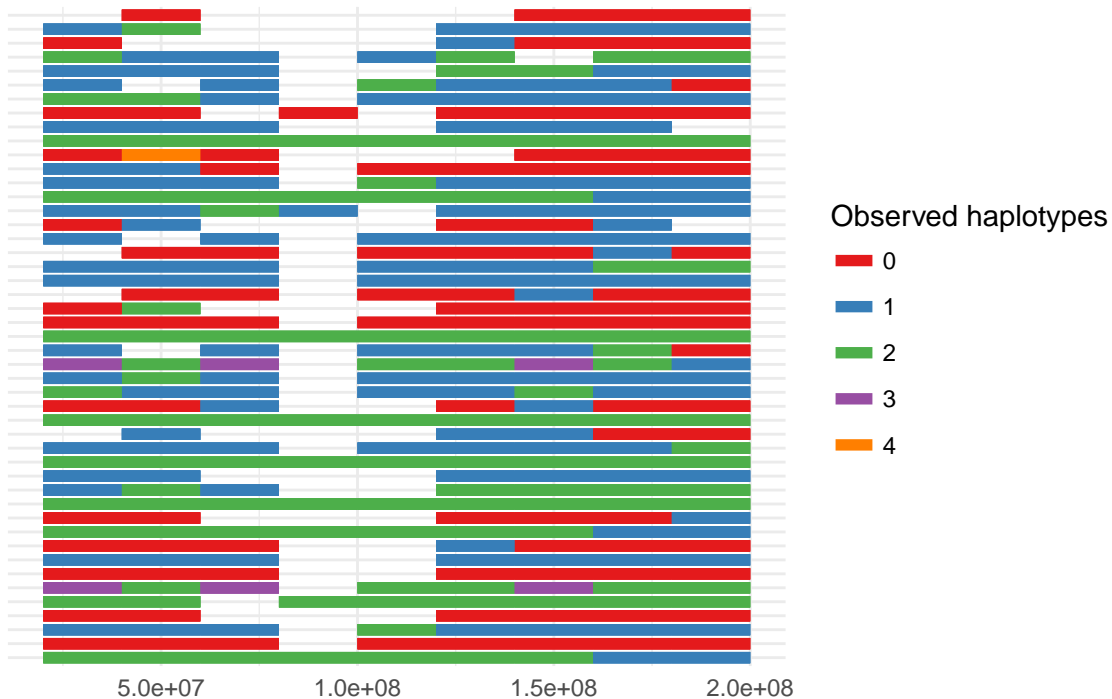
1.5e+08



BFL 8 HanXRQChr04 10MB window haplotypescount



BFL 8 HanXRQChr05 10MB window haplotypescount



BFL 8 HanXRQChr06 10MB window haplotypescount

Observed haplotypes

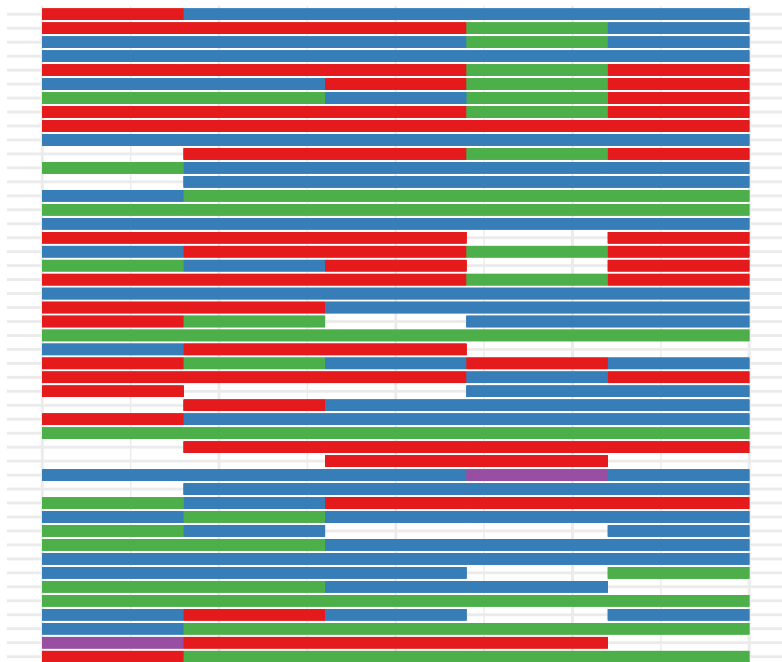
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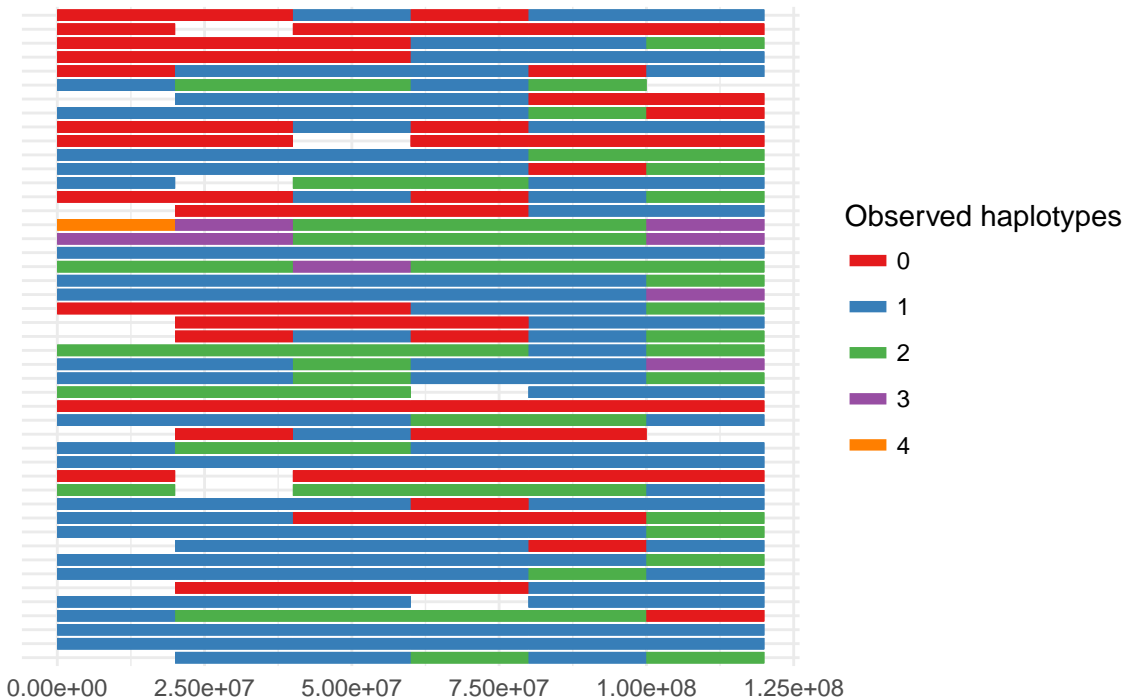
2

3

0.0e+00 2.5e+07 5.0e+07 7.5e+07 1.0e+08



BFL 8 HanXRQChr07 10MB window haplotypescount



BFL 8 HanXRQChr08 10MB window haplotypescount

Observed haplotypes

0

1

2

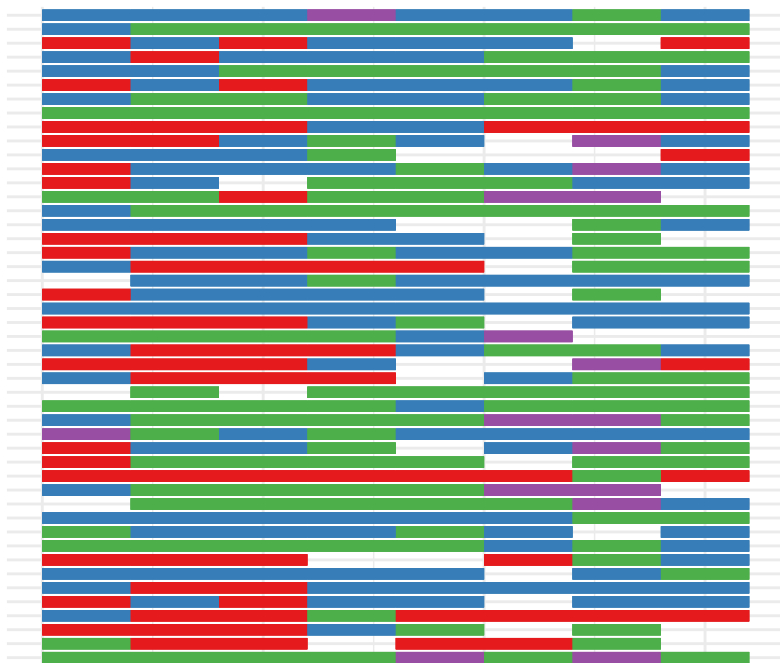
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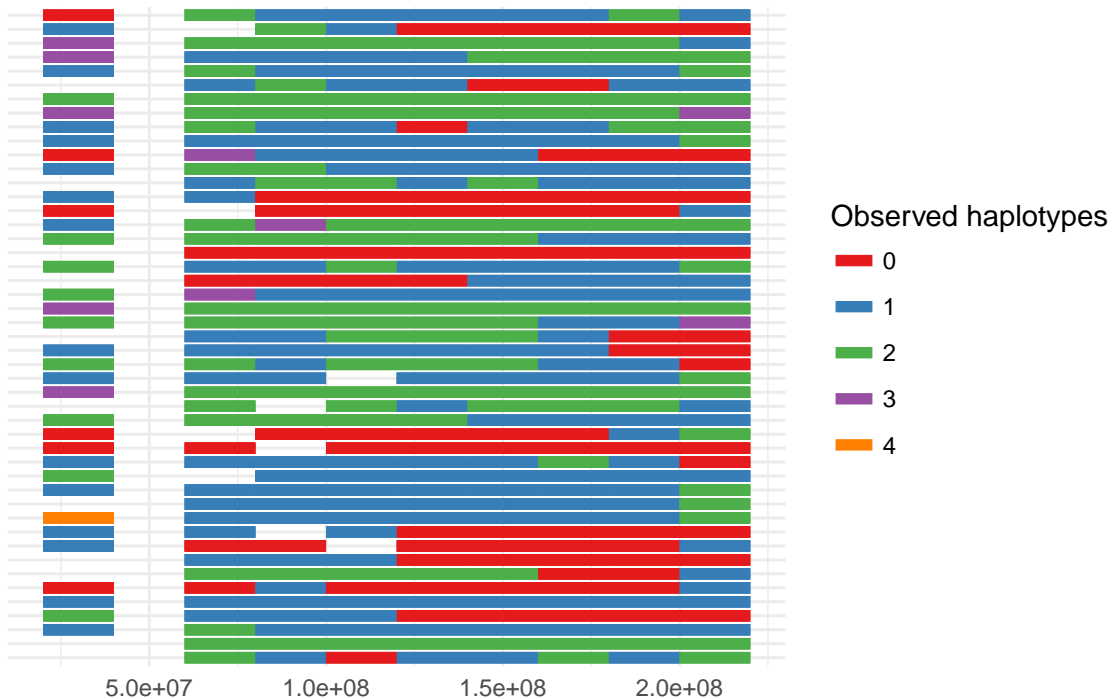
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1.0e+08

1.5e+08



BFL 8 HanXRQChr09 10MB window haplotypescount



BFL 8 HanXRQChr10 10MB window haplotypescount

Observed haplotypes

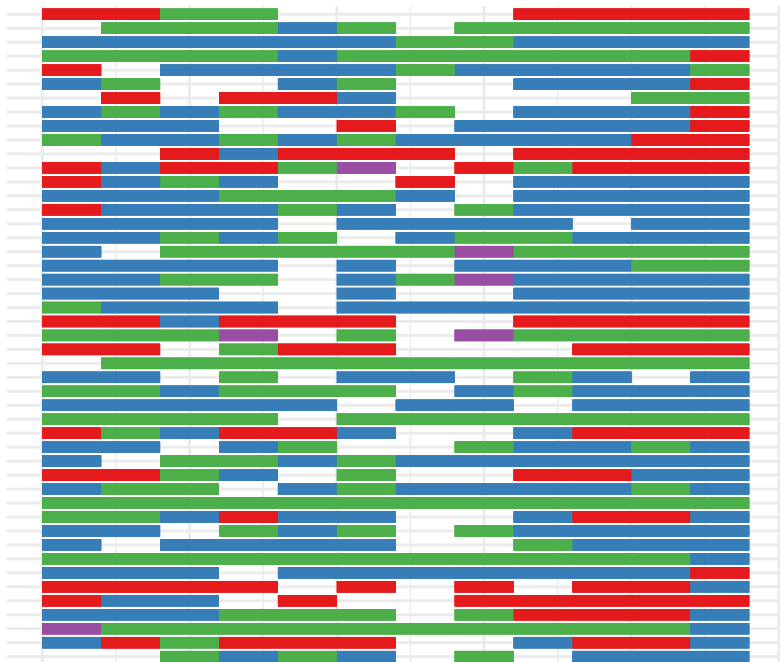
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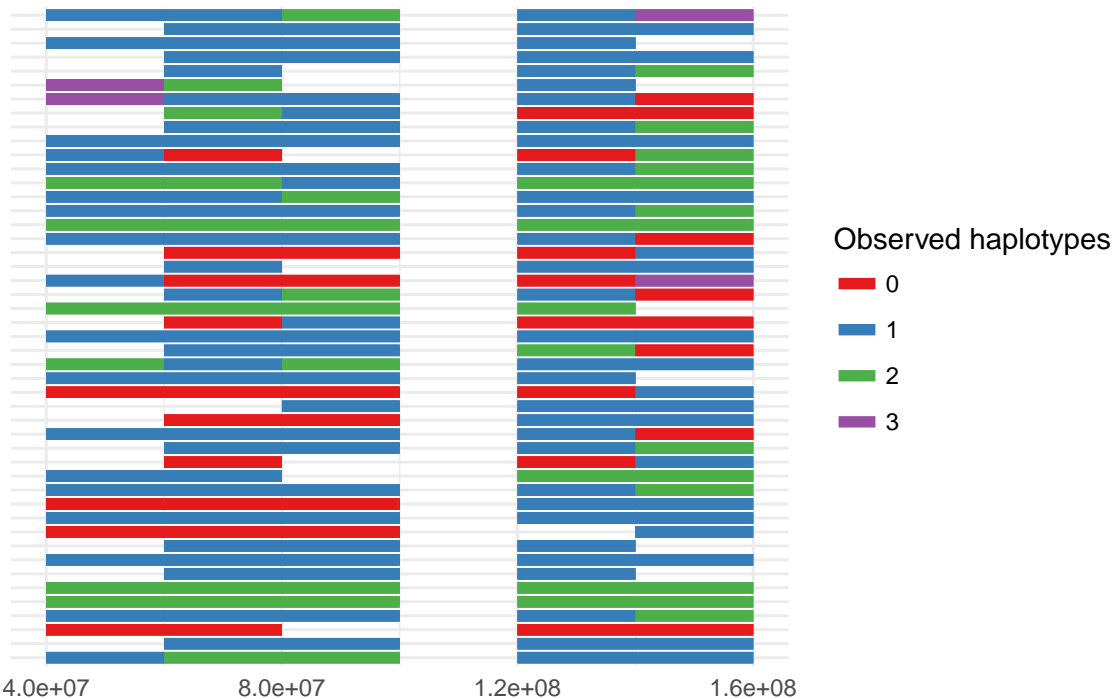
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3

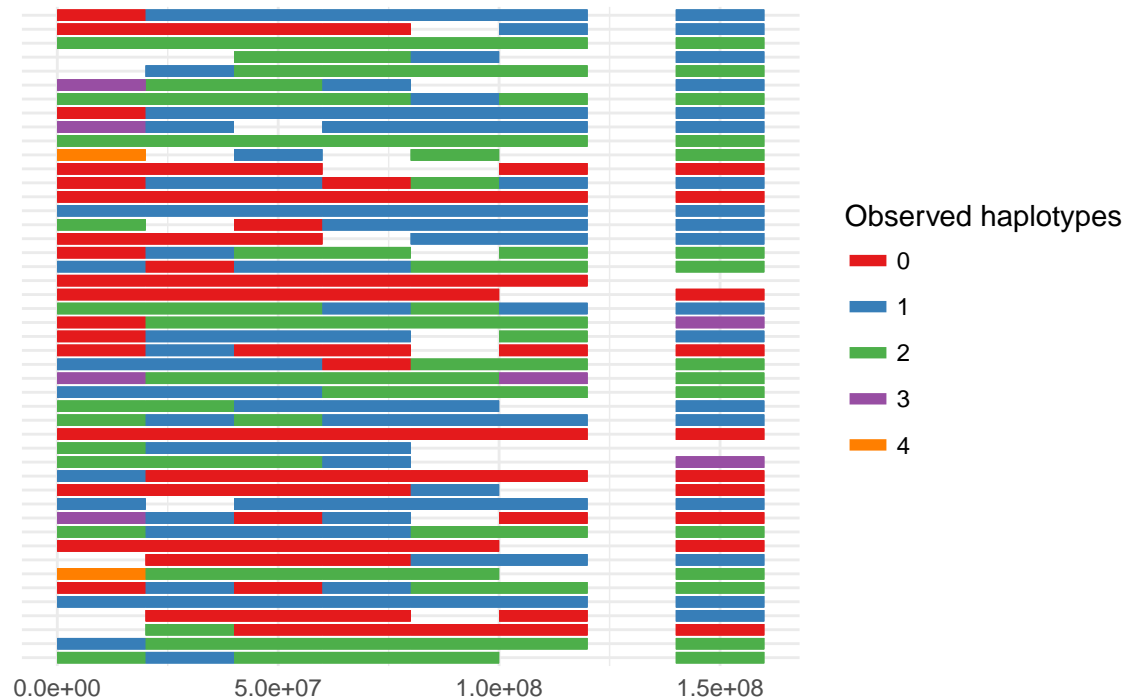
0.0e+00 5.0e+07 1.0e+08 1.5e+08 2.0e+08 2.5e+08



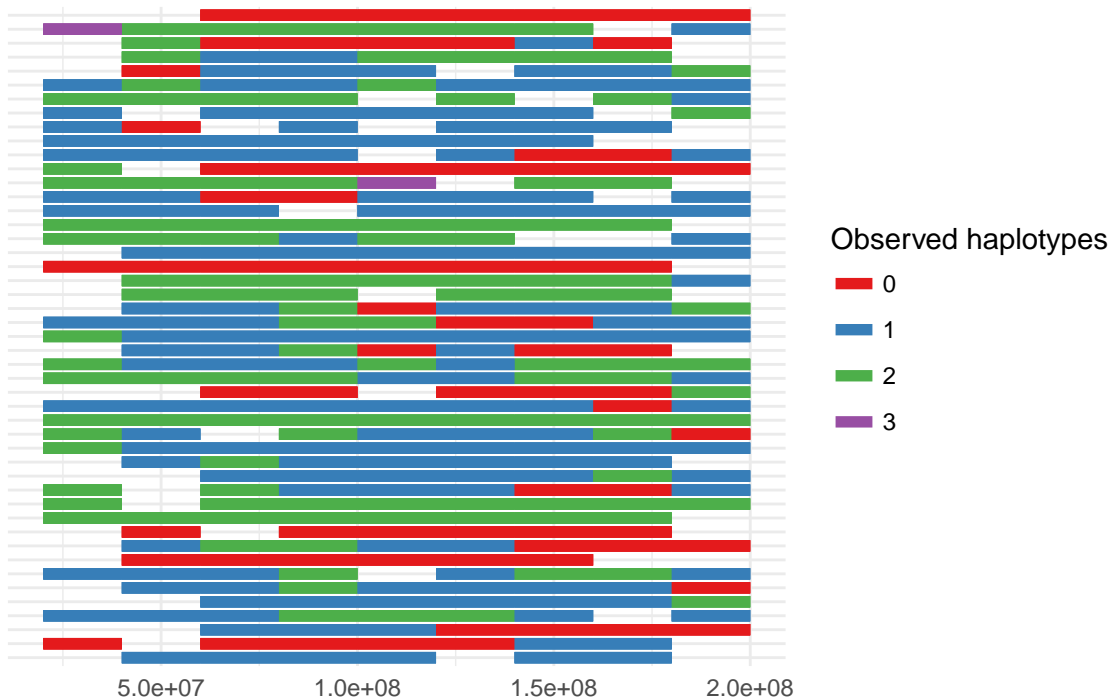
BFL 8 HanXRQChr11 10MB window haplotypescount



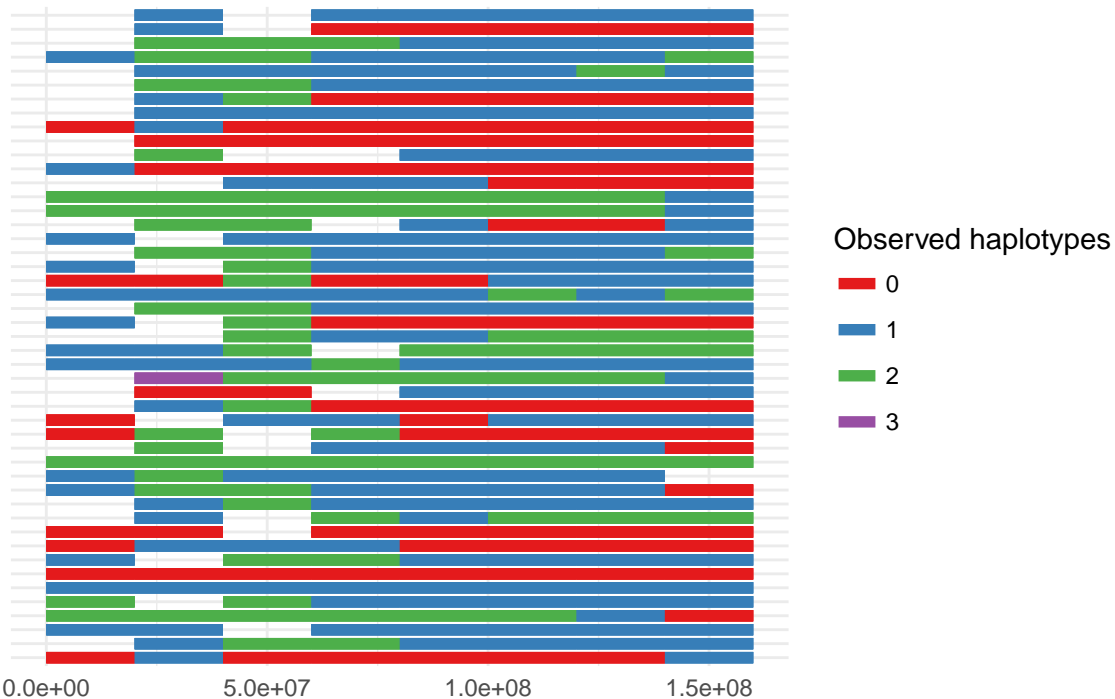
BFL 8 HanXRQChr12 10MB window haplotypescount



BFL 8 HanXRQChr13 10MB window haplotypescount



BFL 8 HanXRQChr14 10MB window haplotypescount



BFL 8 HanXRQChr15 10MB window haplotypescount

Observed haplotypes

0

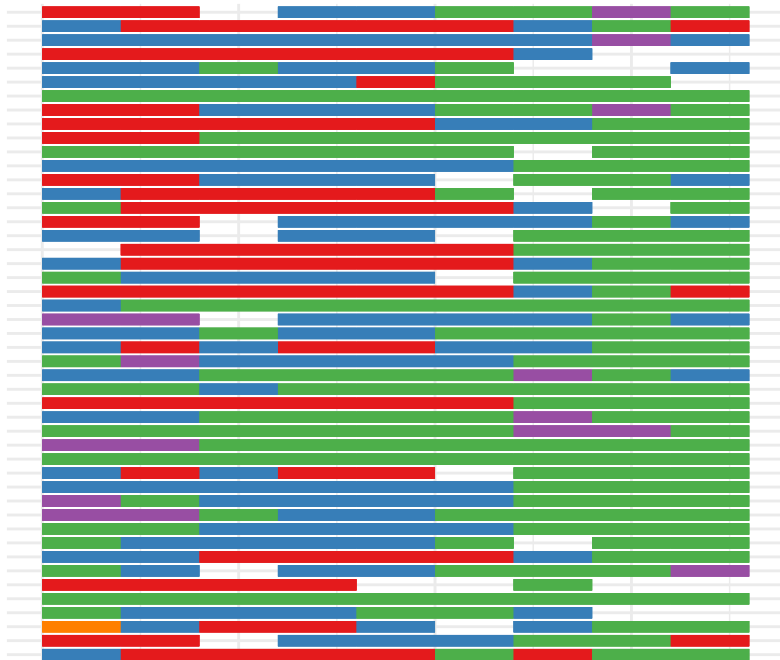
1

2

3

4

0.0e+00 5.0e+07 1.0e+08 1.5e+08



BFL 8 HanXRQChr16 10MB window haplotypescount

Observed haplotypes

0

1

2

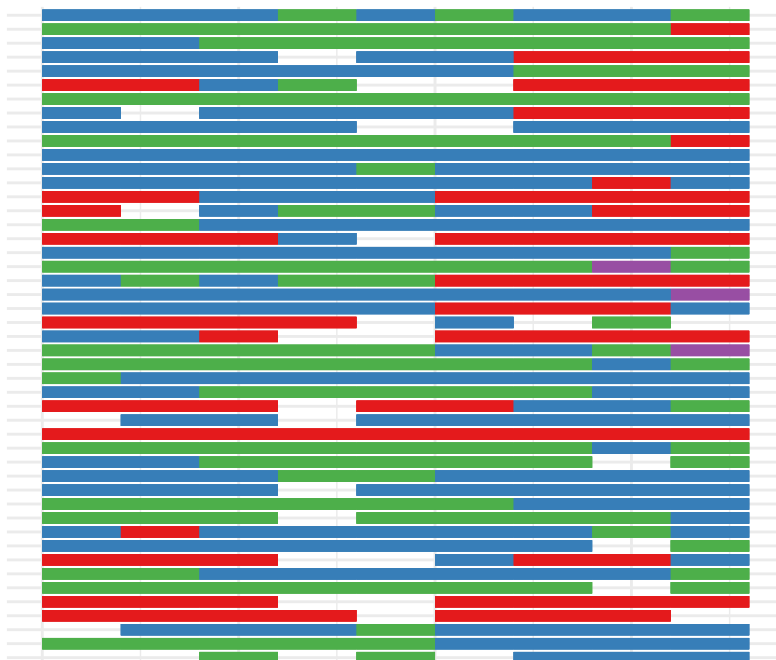
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0.0e+00

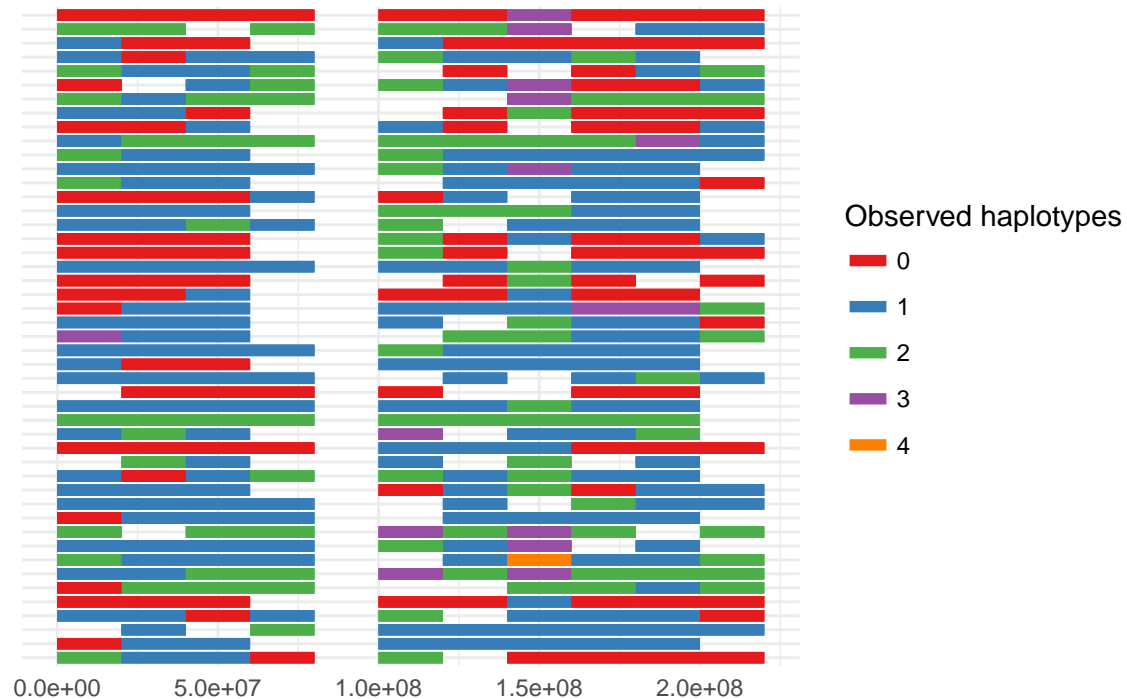
5.0e+07

1.0e+08

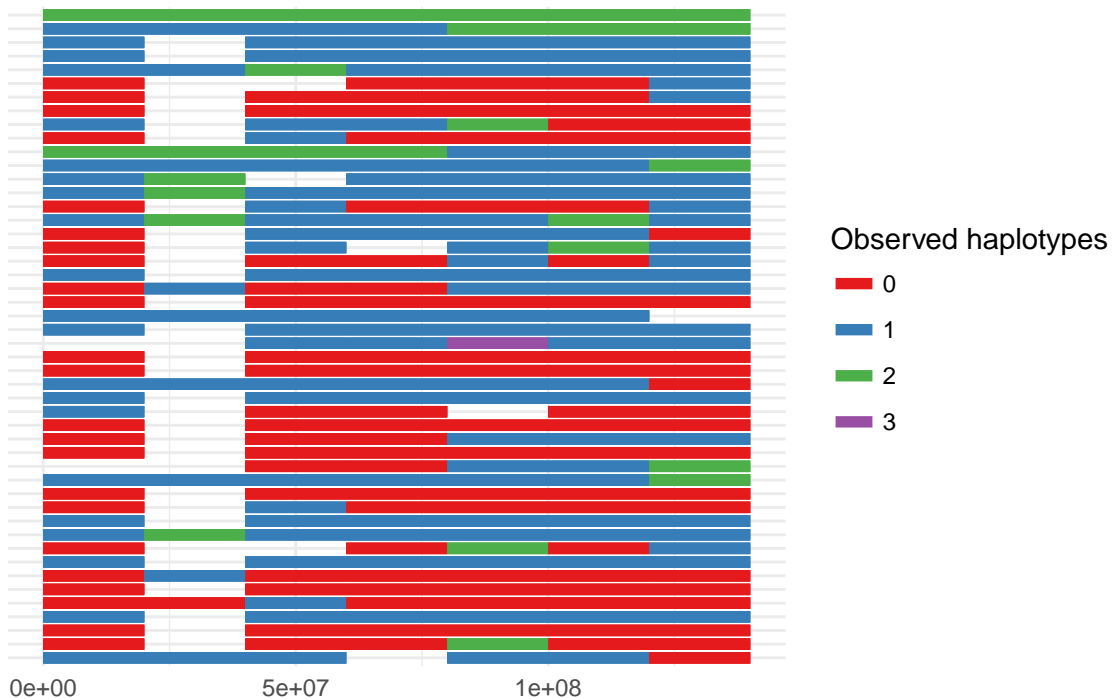
1.5e+08



BFL 8 HanXRQChr17 10MB window haplotypescount



BFL 9 HanXRQChr01 10MB window haplotypescount



BFL 9 HanXRQChr02 10MB window haplotypescount

Observed haplotypes

0

1

2

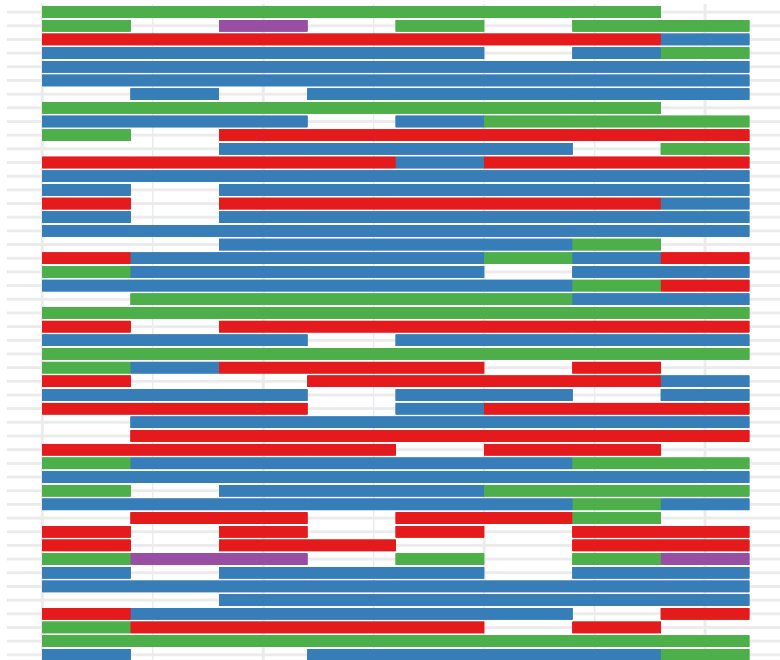
3

0.0e+00

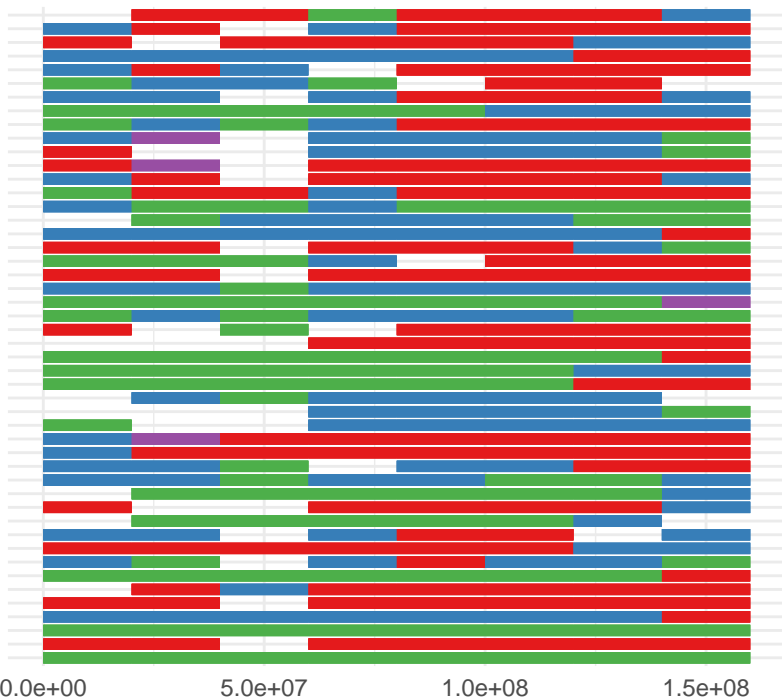
5.0e+07

1.0e+08

1.5e+08



BFL 9 HanXRQChr03 10MB window haplotypescount



Observed haplotypes

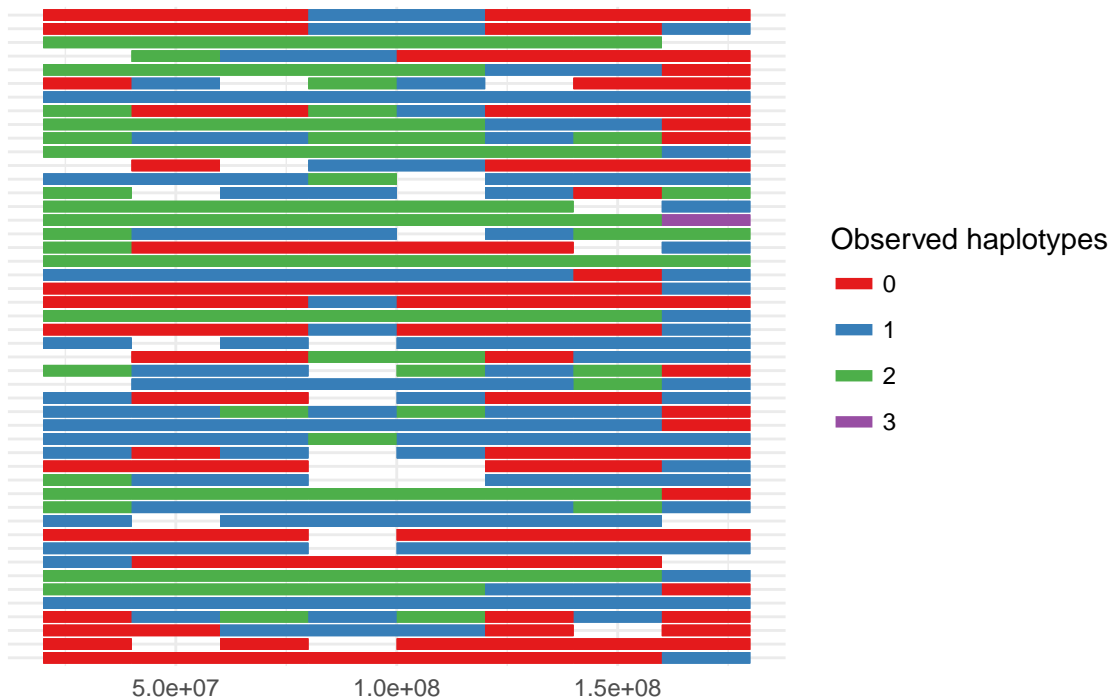
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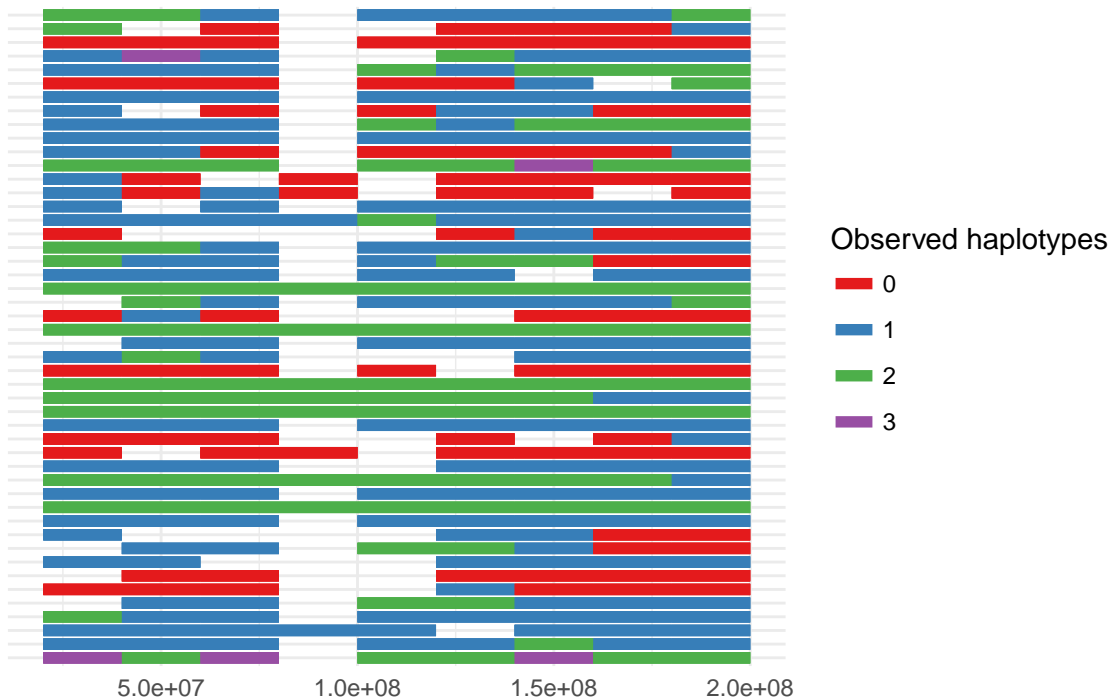
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BFL 9 HanXRQChr04 10MB window haplotypescount



BFL 9 HanXRQChr05 10MB window haplotypescount



BFL 9 HanXRQChr06 10MB window haplotypescount

Observed haplotypes

0

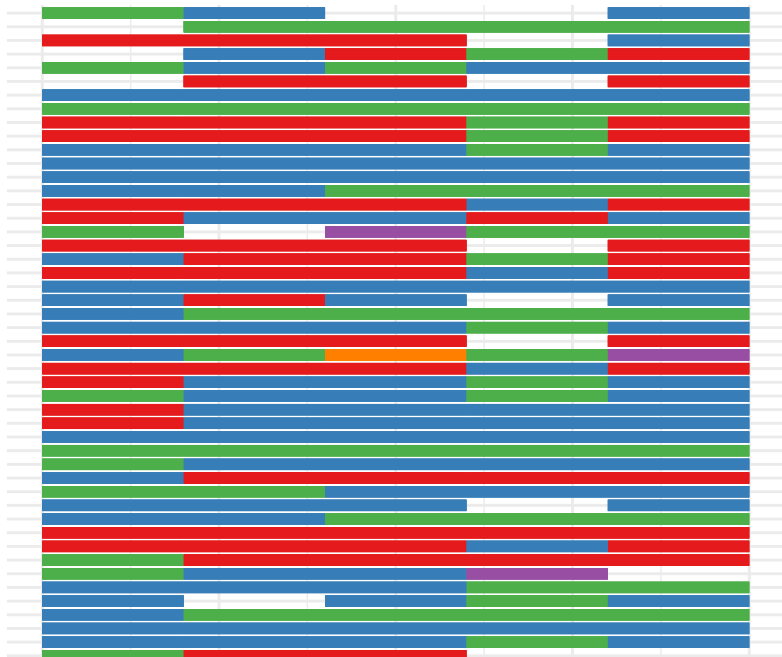
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2

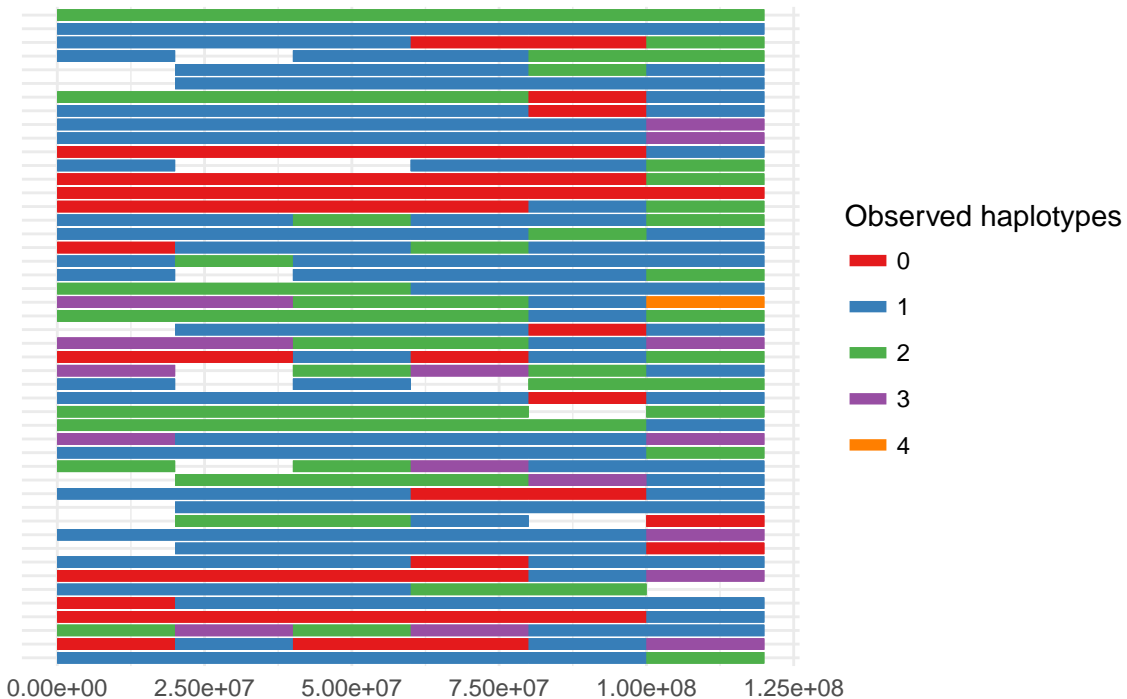
3

4

0.0e+00 2.5e+07 5.0e+07 7.5e+07 1.0e+08



BFL 9 HanXRQChr07 10MB window haplotypescount



BFL 9 HanXRQChr08 10MB window haplotypescount

Observed haplotypes

0

1

2

3

4

0.0e+00

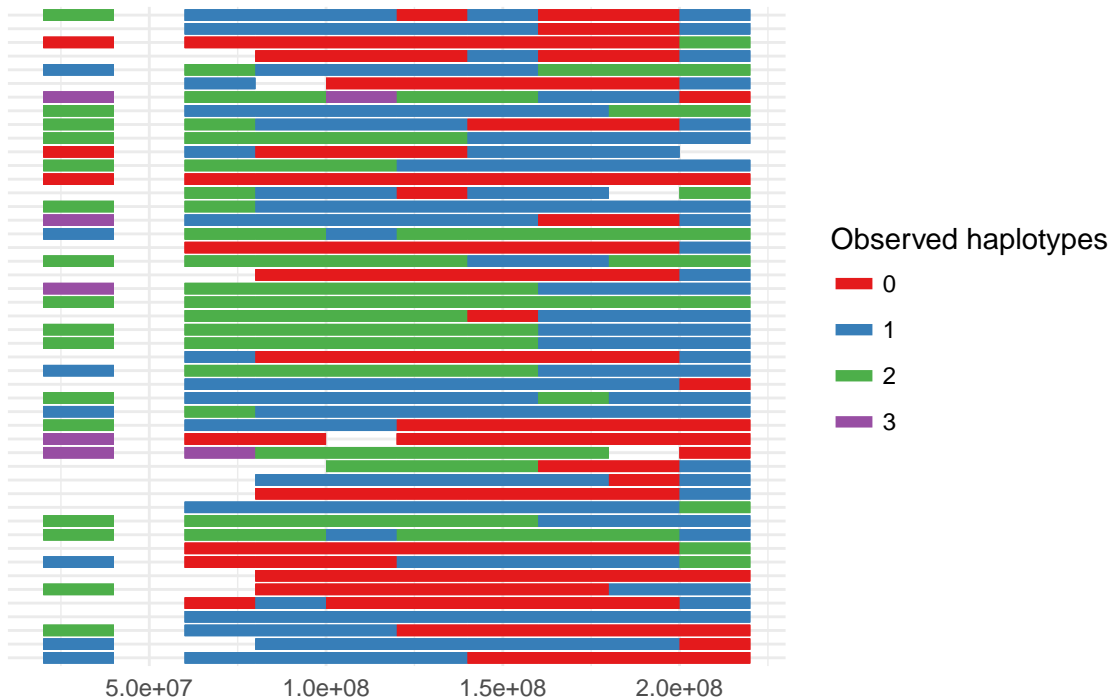
5.0e+07

1.0e+08

1.5e+08



BFL 9 HanXRQChr09 10MB window haplotypescount



BFL 9 HanXRQChr10 10MB window haplotypescount

Observed haplotypes

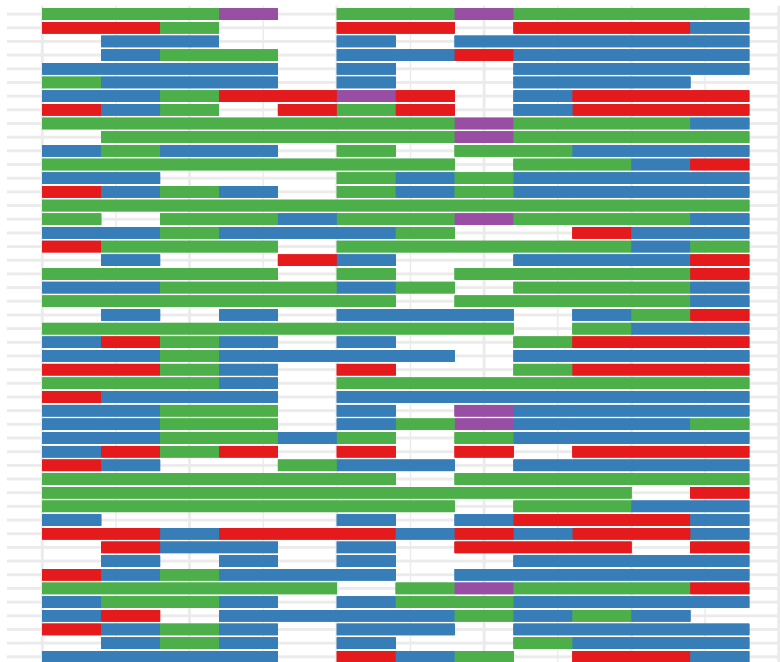
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1

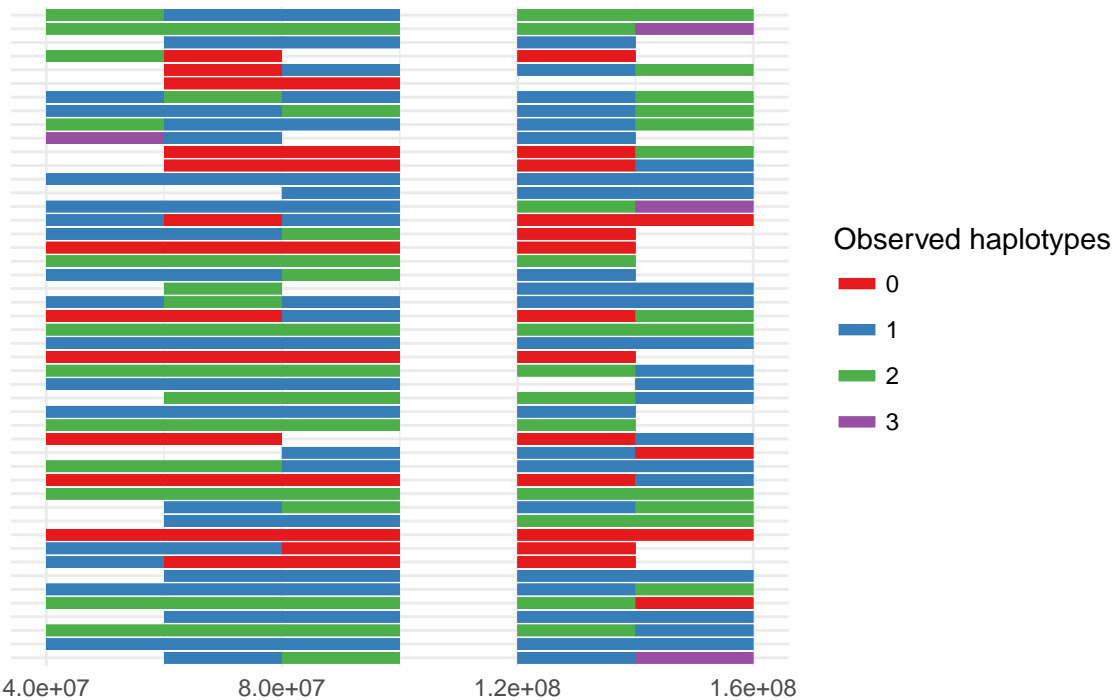
2

3

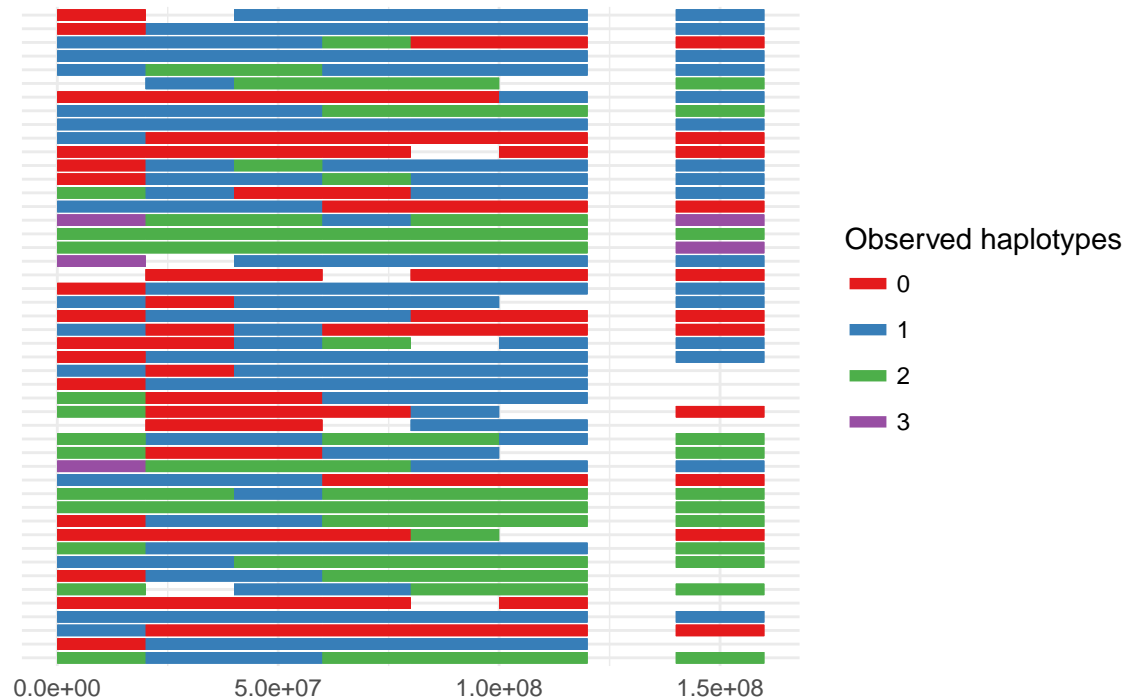
0.0e+00 5.0e+07 1.0e+08 1.5e+08 2.0e+08 2.5e+08



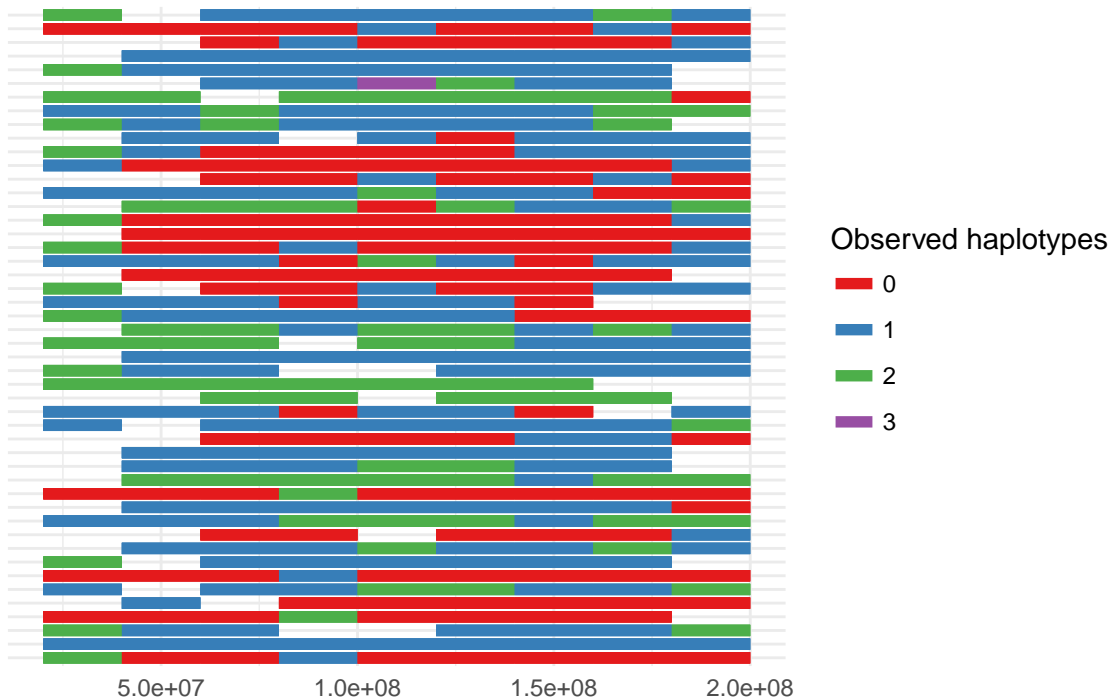
BFL 9 HanXRQChr11 10MB window haplotypescount



BFL 9 HanXRQChr12 10MB window haplotypescount



BFL 9 HanXRQChr13 10MB window haplotypescount



BFL 9 HanXRQChr14 10MB window haplotypescount

Observed haplotypes

0

1

2

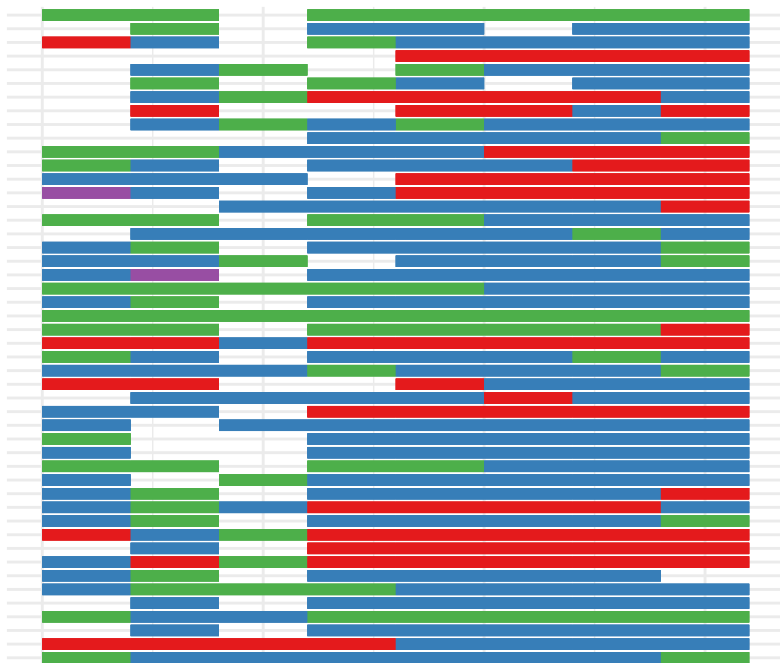
3

0.0e+00

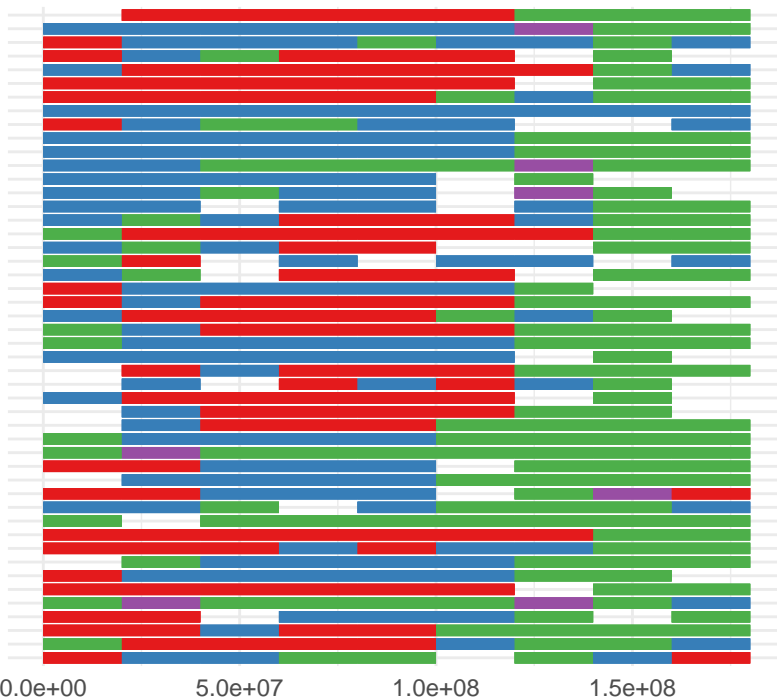
5.0e+07

1.0e+08

1.5e+08



BFL 9 HanXRQChr15 10MB window haplotypescount



Observed haplotypes

0

1

2

3

BFL 9 HanXRQChr16 10MB window haplotypescount

Observed haplotypes

0

1

2

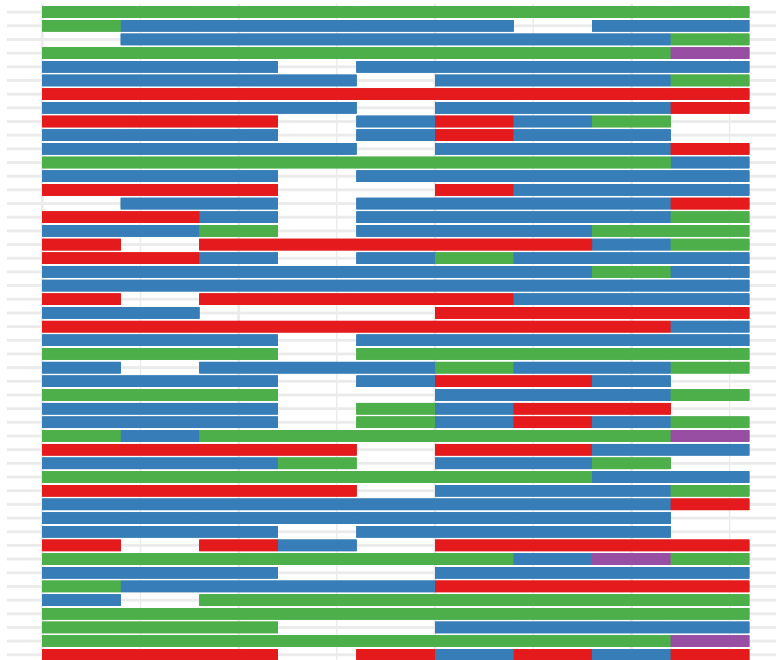
3

0.0e+00

5.0e+07

1.0e+08

1.5e+08



BFL 9 HanXRQChr17 10MB window haplotypescount

Observed haplotypes

0

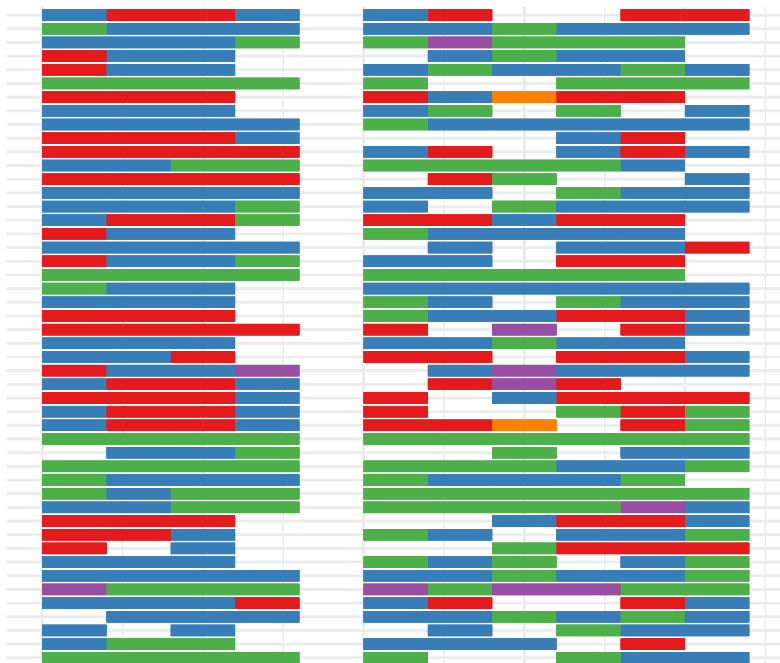
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2

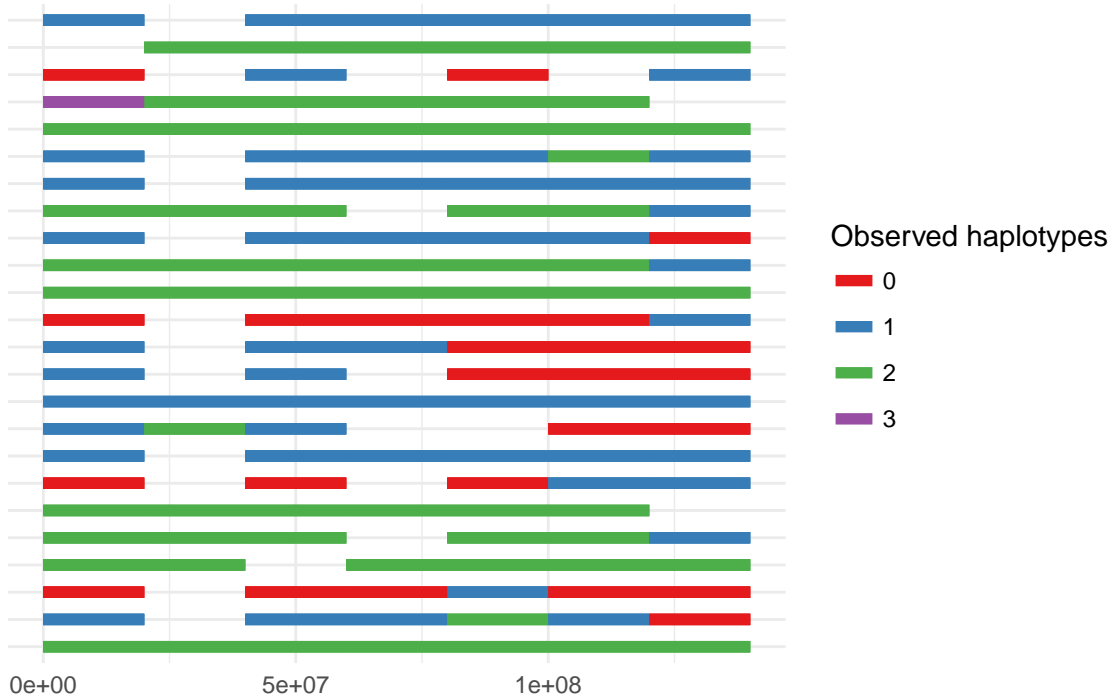
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4

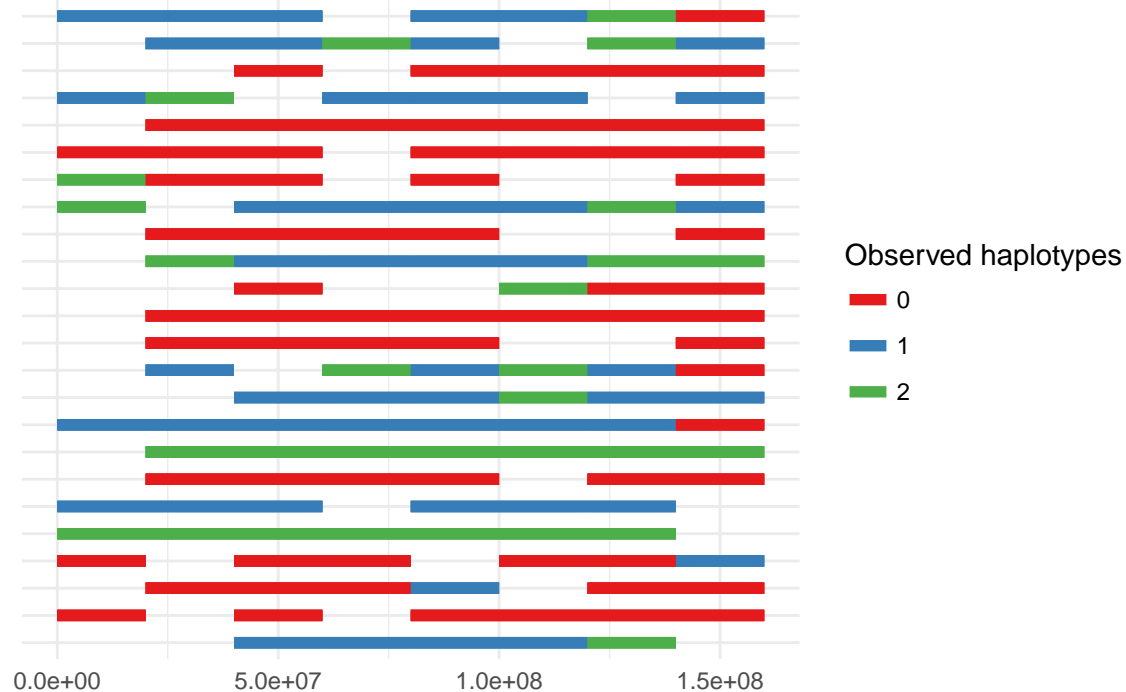
0.0e+00 5.0e+07 1.0e+08 1.5e+08 2.0e+08



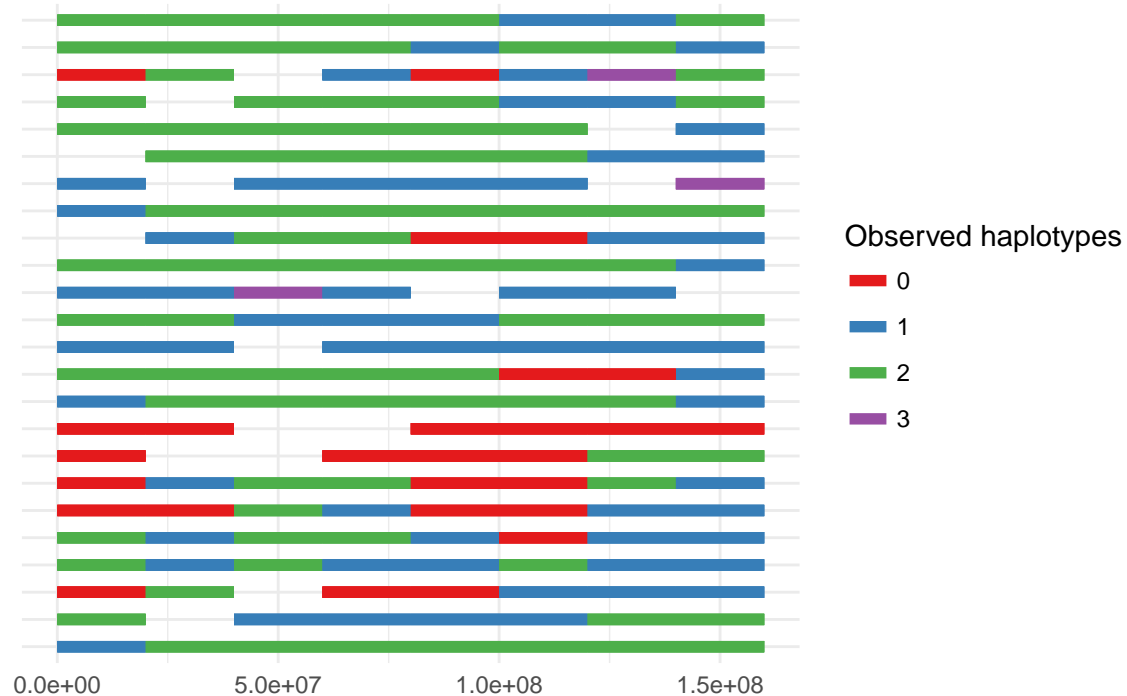
BFL 7.5 HanXRQChr01 10MB window haplotypescount



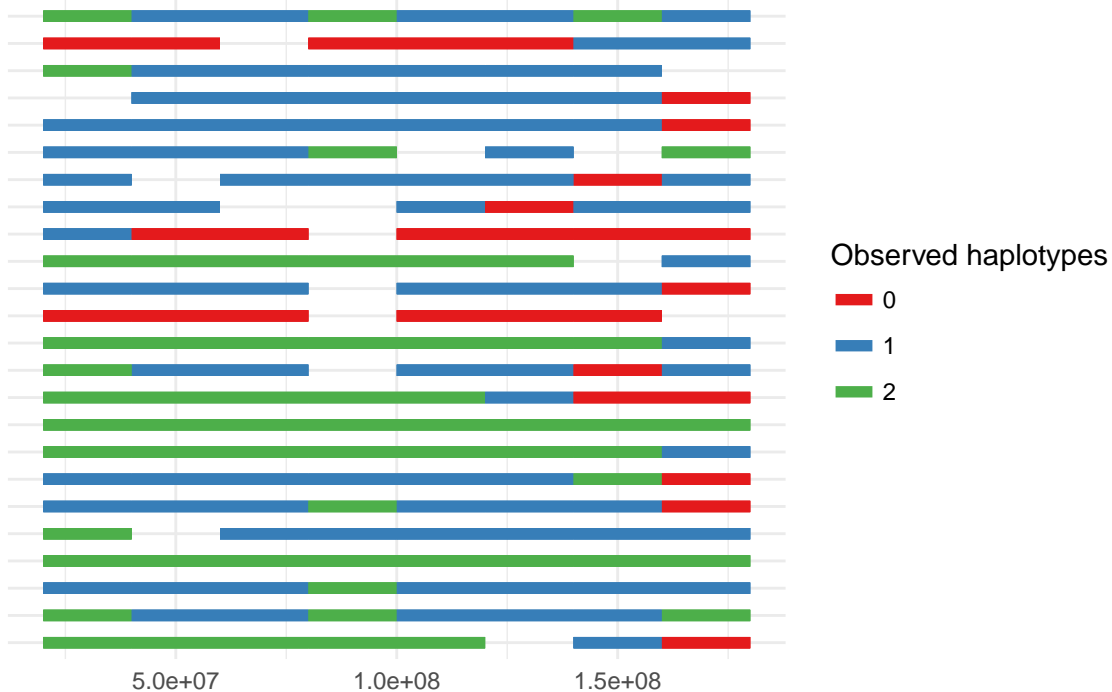
BFL 7.5 HanXRQChr02 10MB window haplotypescount



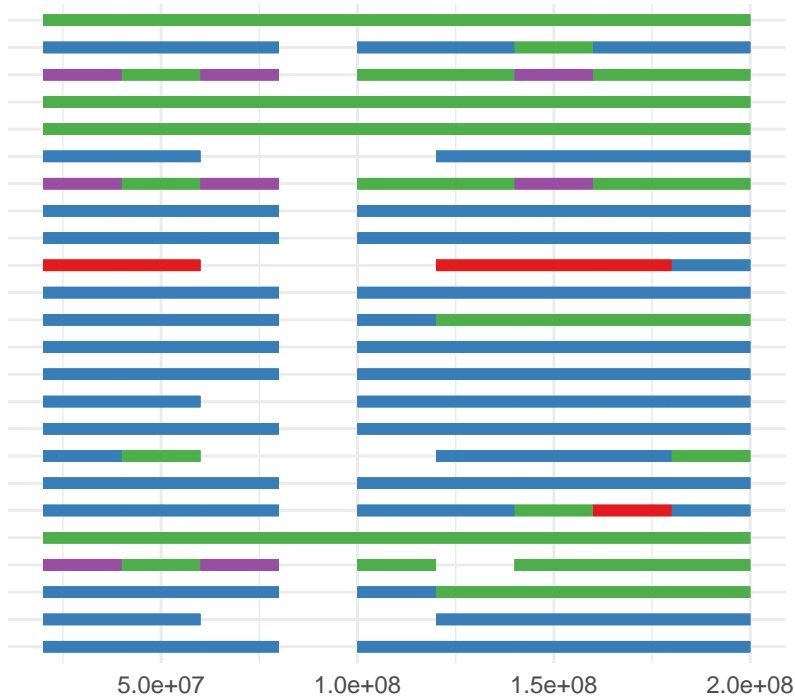
BFL 7.5 HanXRQChr03 10MB window haplotypescount



BFL 7.5 HanXRQChr04 10MB window haplotypescount



BFL 7.5 HanXRQChr05 10MB window haplotypescount



Observed haplotypes

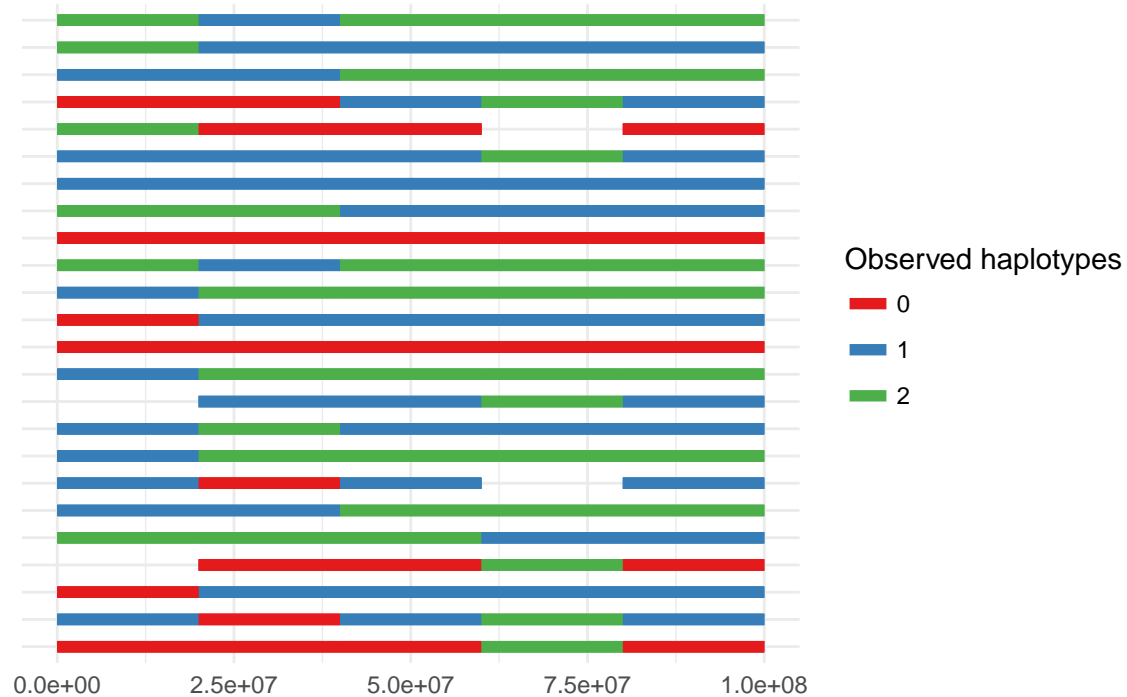
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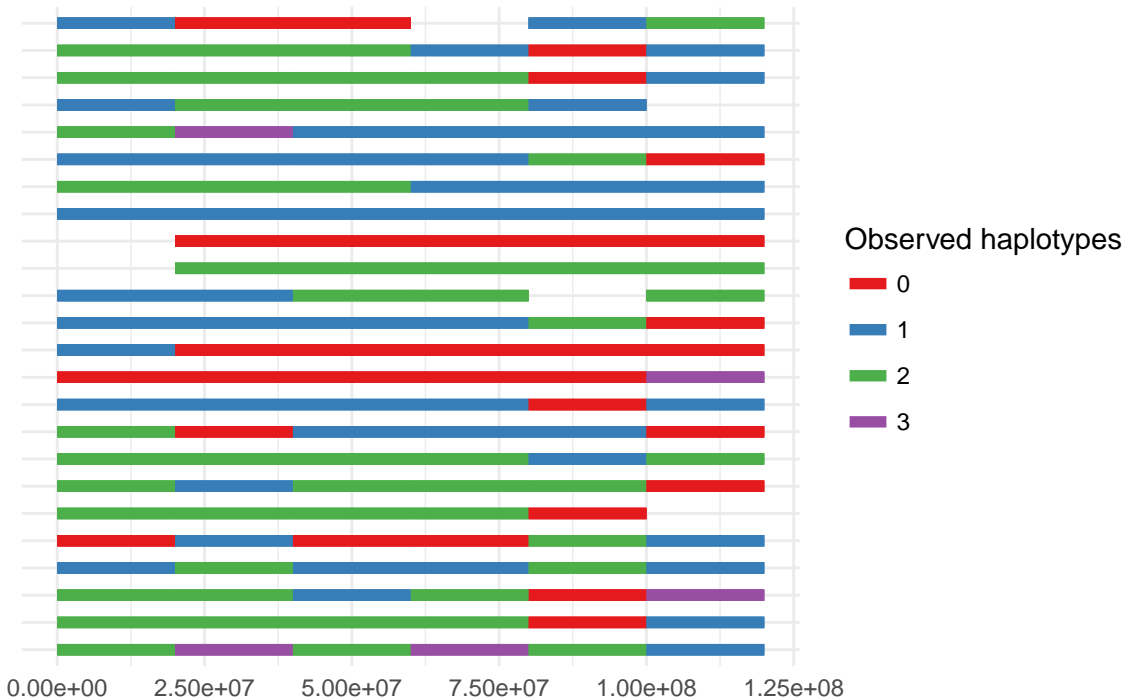
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3

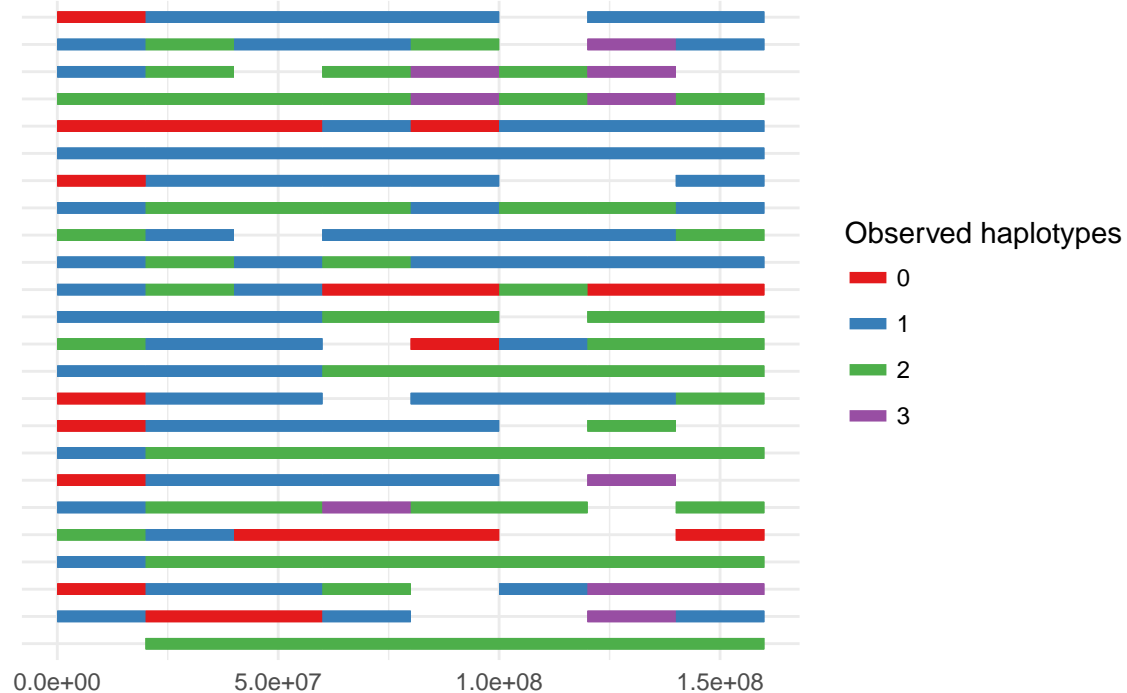
BFL 7.5 HanXRQChr06 10MB window haplotypescount



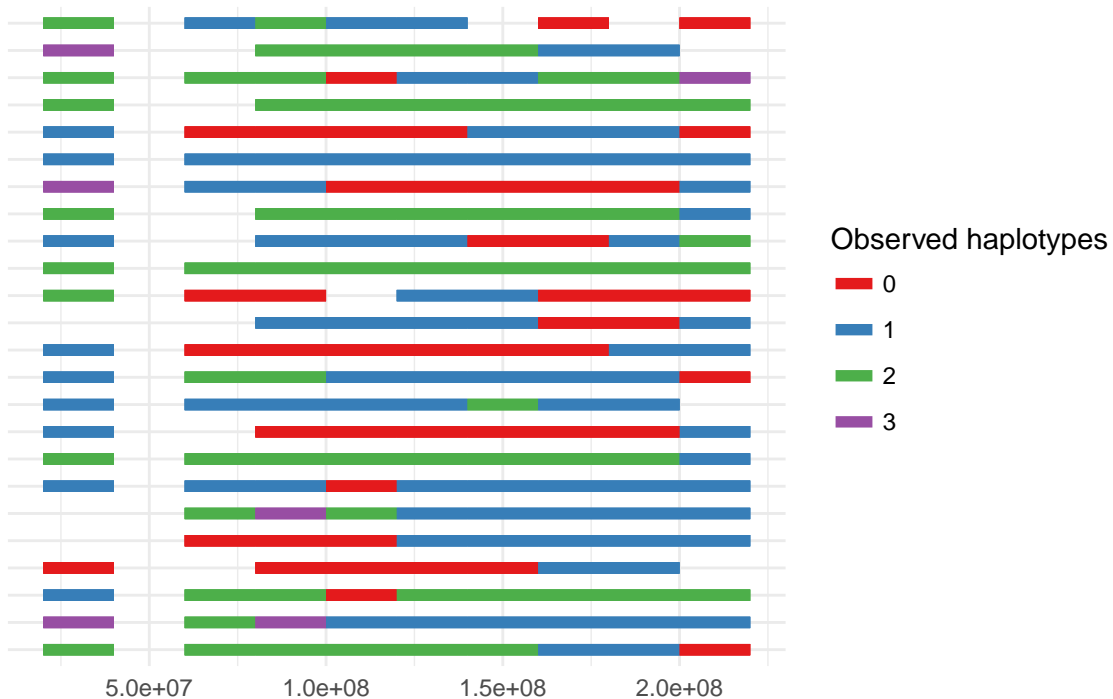
BFL 7.5 HanXRQChr07 10MB window haplotypescount



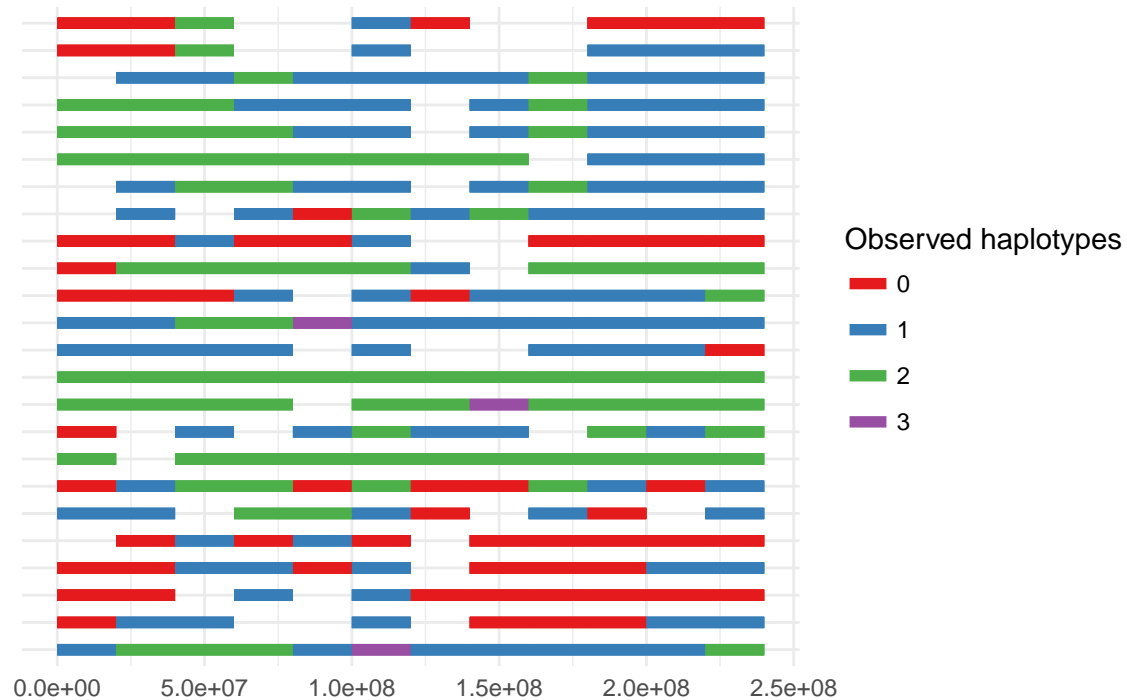
BFL 7.5 HanXRQChr08 10MB window haplotypescount



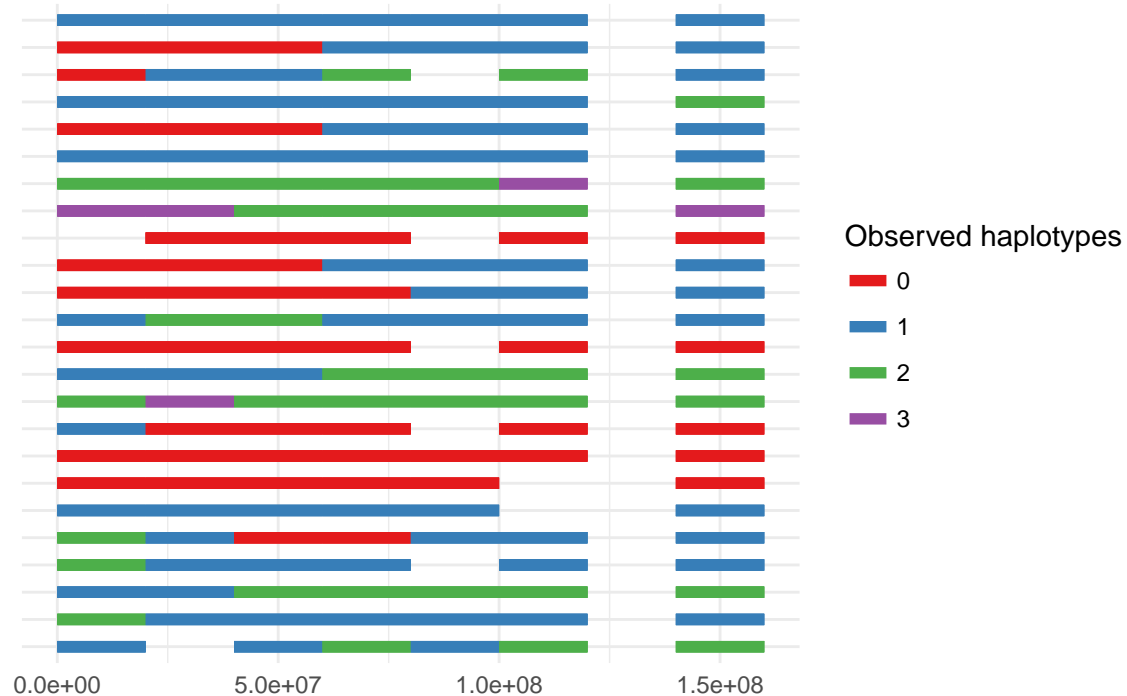
BFL 7.5 HanXRQChr09 10MB window haplotypescount



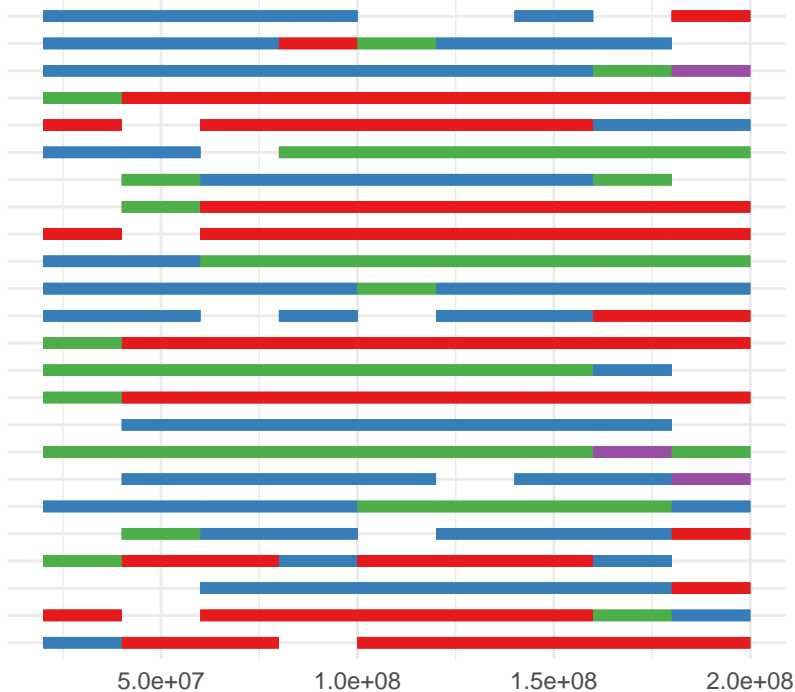
BFL 7.5 HanXRQChr10 10MB window haplotypescount



BFL 7.5 HanXRQChr12 10MB window haplotypescount



BFL 7.5 HanXRQChr13 10MB window haplotypescount



Observed haplotypes

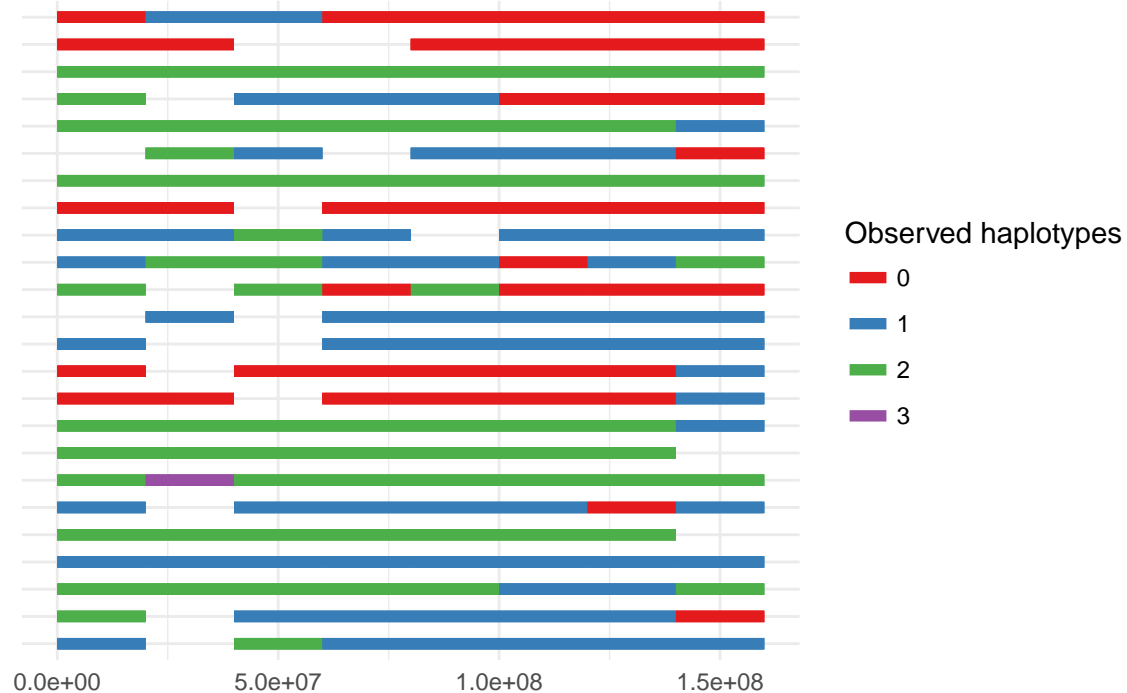
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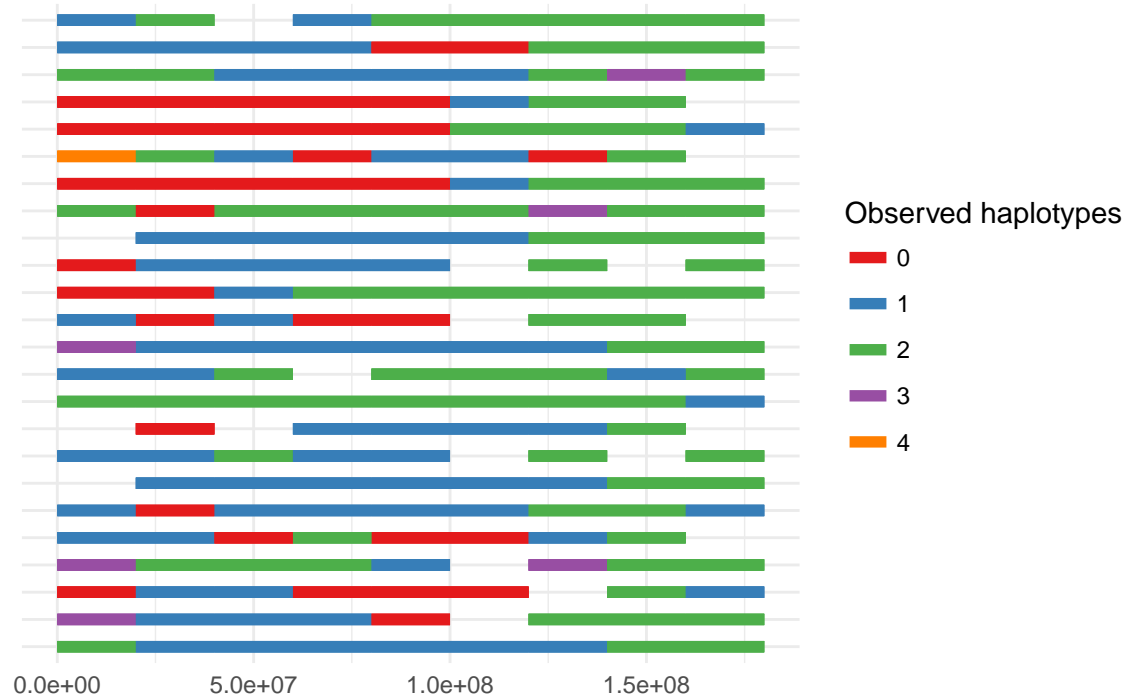
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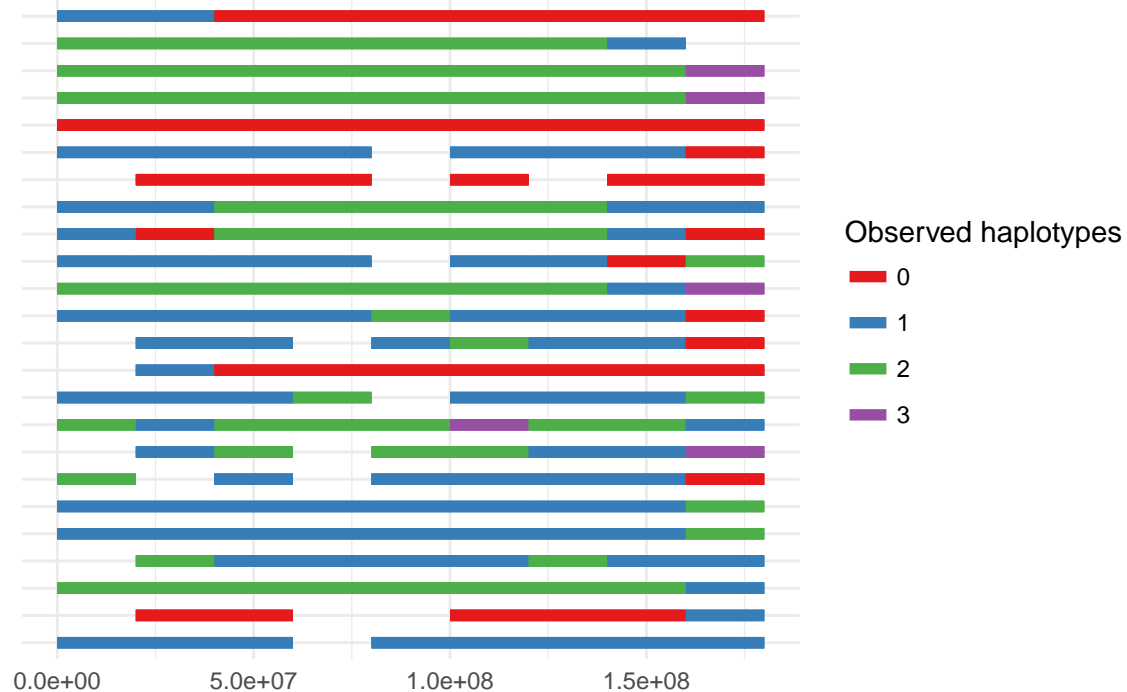
BFL 7.5 HanXRQChr14 10MB window haplotypescount



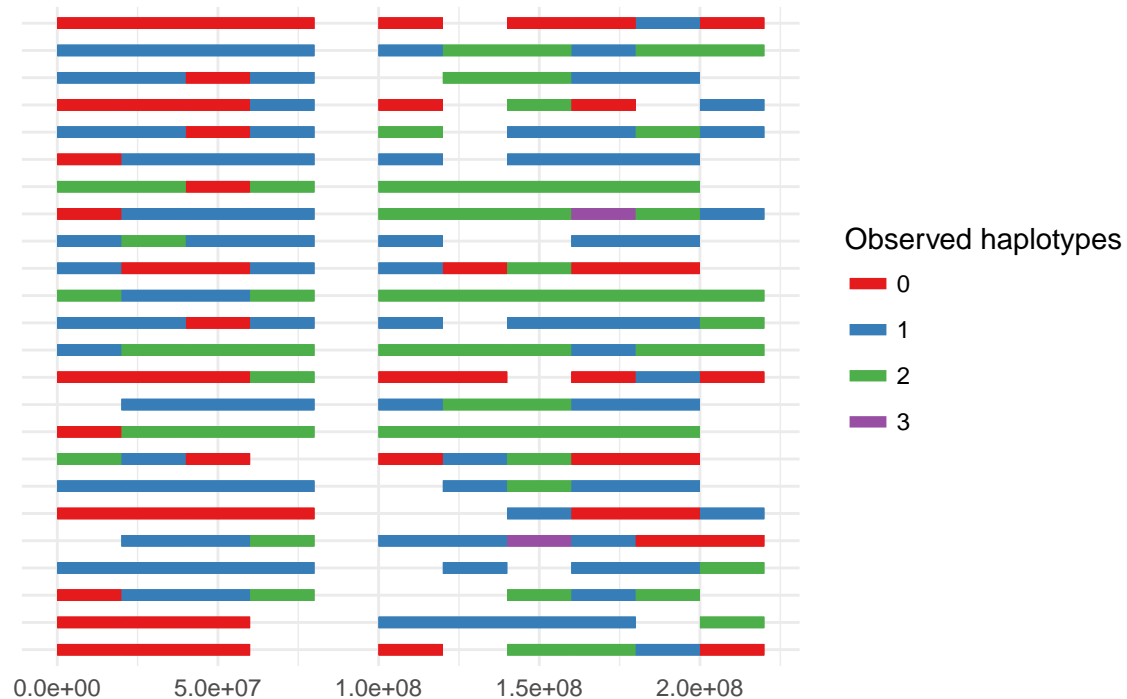
BFL 7.5 HanXRQChr15 10MB window haplotypescount



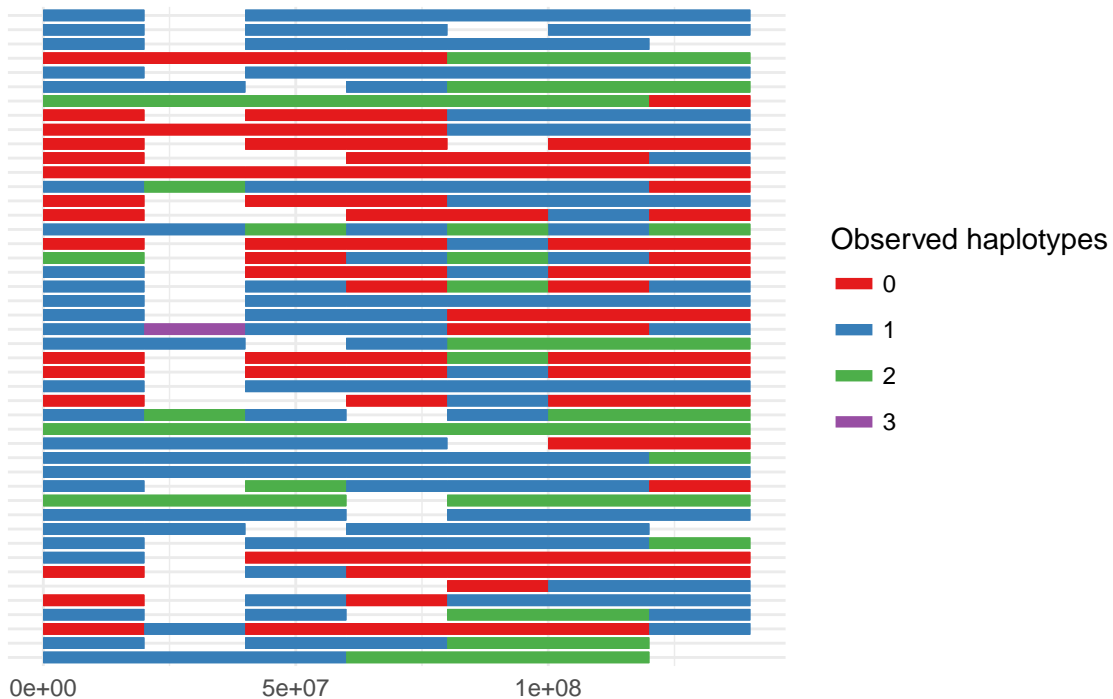
BFL 7.5 HanXRQChr16 10MB window haplotypescount



BFL 7.5 HanXRQChr17 10MB window haplotypescount



BFL 10 HanXRQChr01 10MB window haplotypescount



BFL 10 HanXRQChr02 10MB window haplotypescount

Observed haplotypes

0

1

2

3

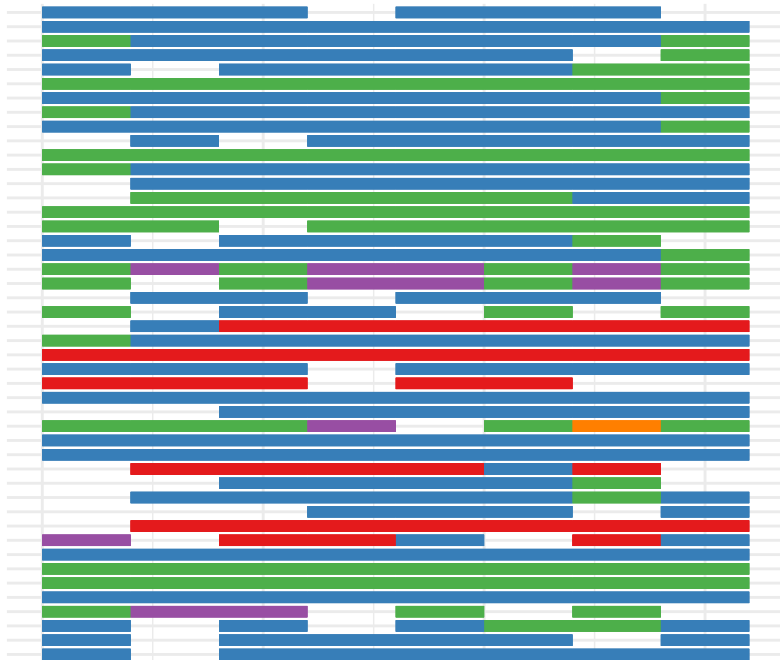
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0.0e+00

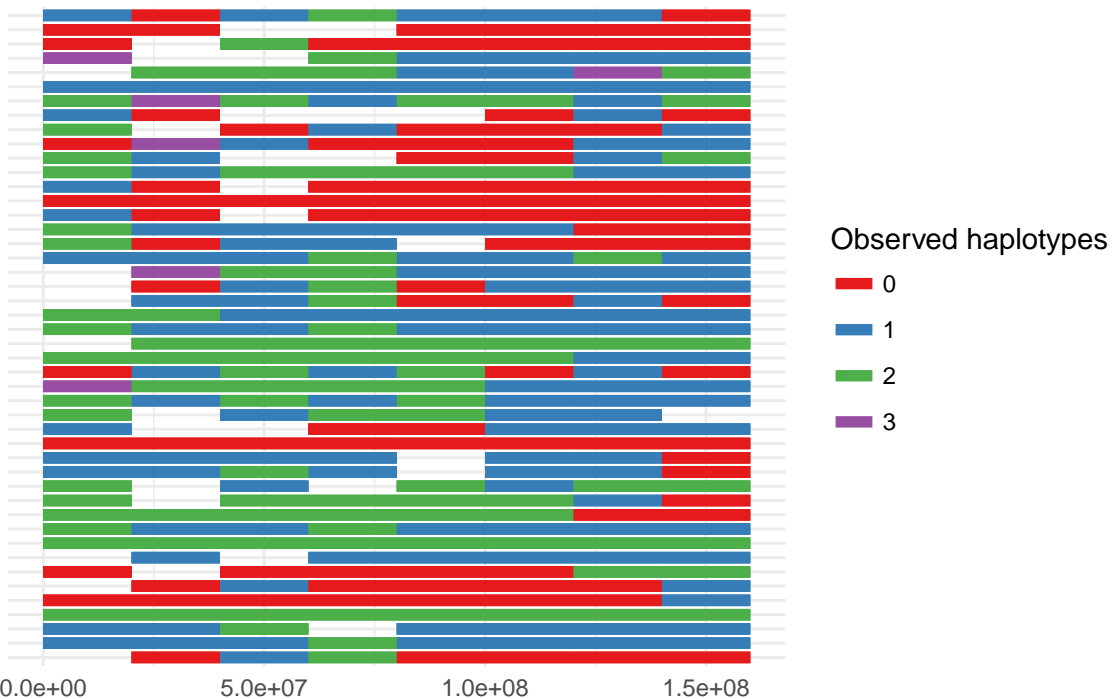
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1.0e+08

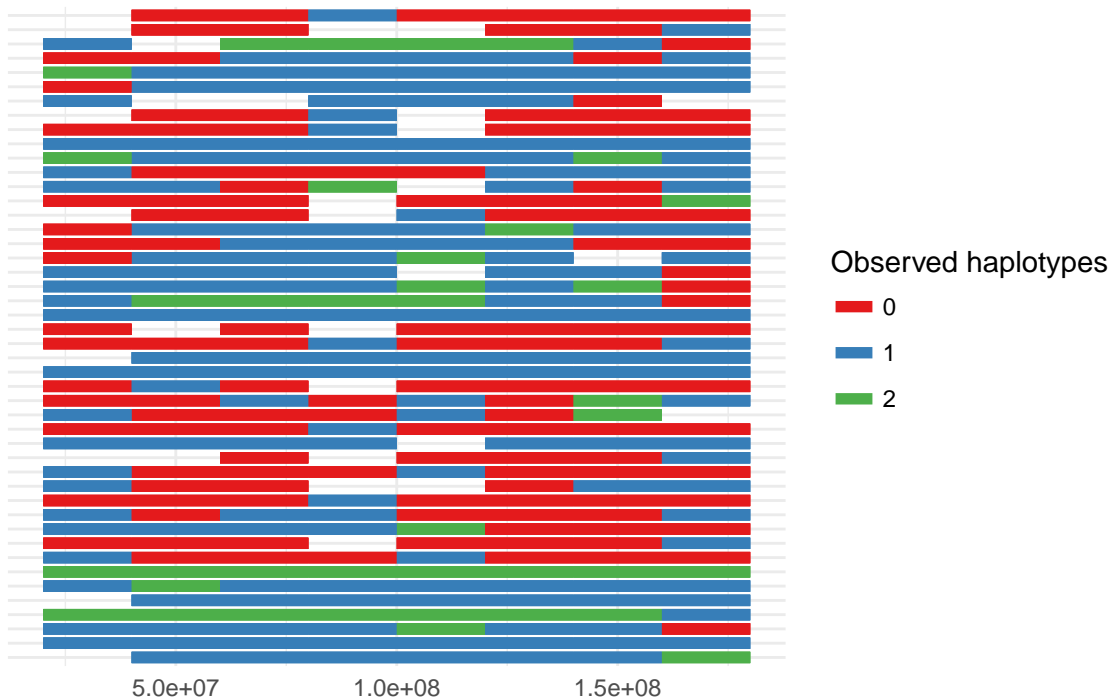
1.5e+08



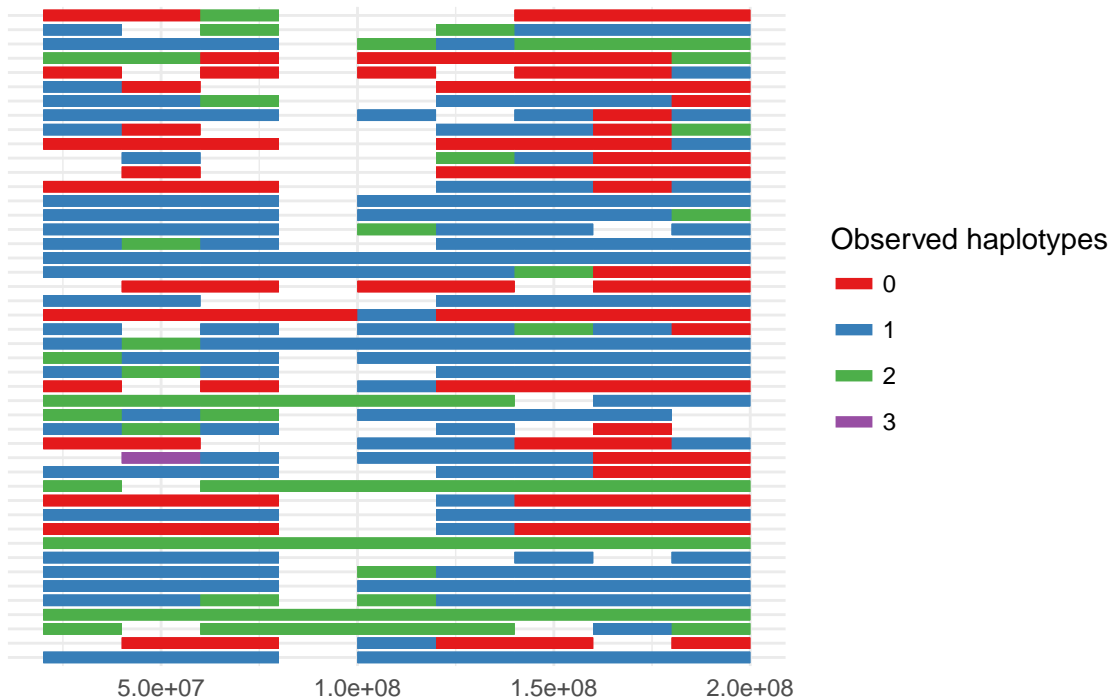
BFL 10 HanXRQChr03 10MB window haplotypescount



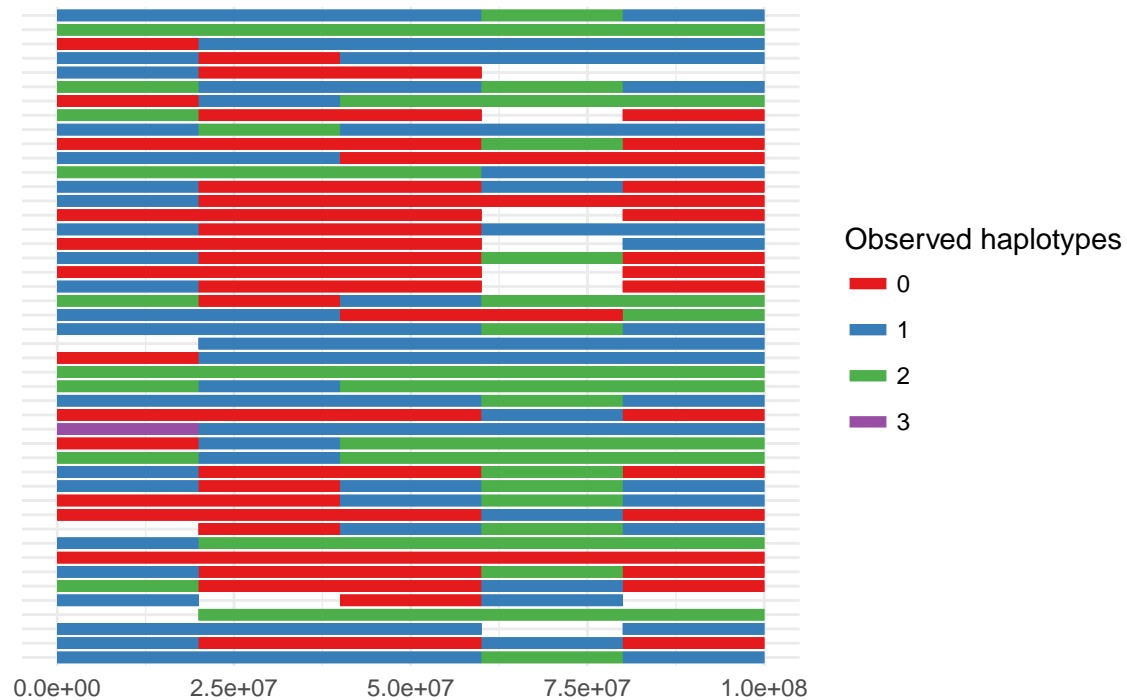
BFL 10 HanXRQChr04 10MB window haplotypescount



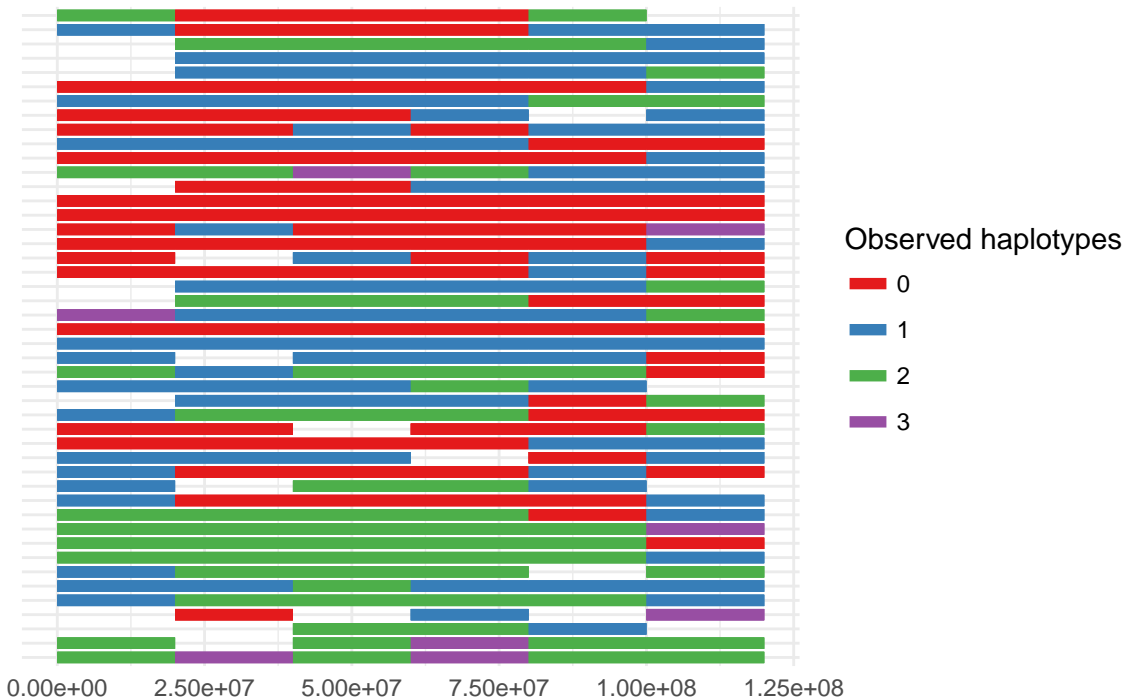
BFL 10 HanXRQChr05 10MB window haplotypescount



BFL 10 HanXRQChr06 10MB window haplotypescount



BFL 10 HanXRQChr07 10MB window haplotypescount



BFL 10 HanXRQChr08 10MB window haplotypescount

Observed haplotypes

0

1

2

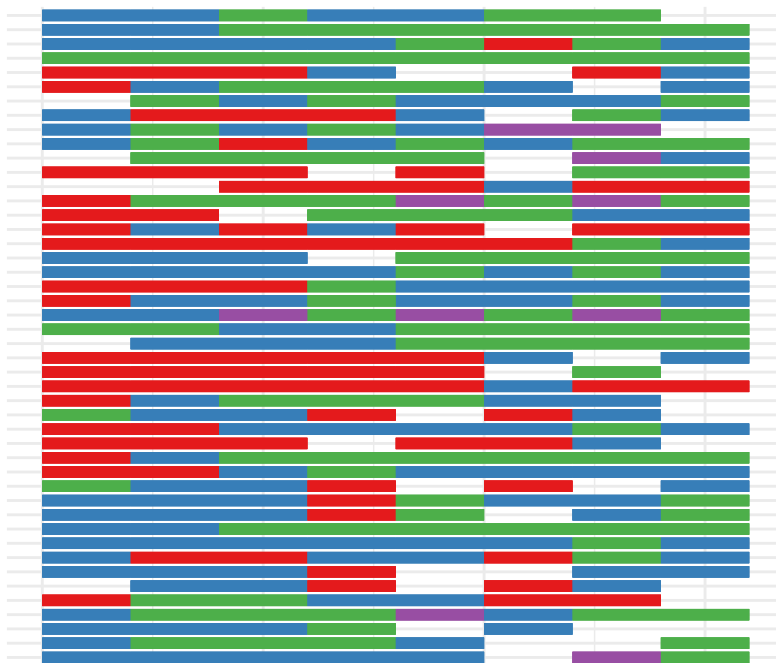
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0.0e+00

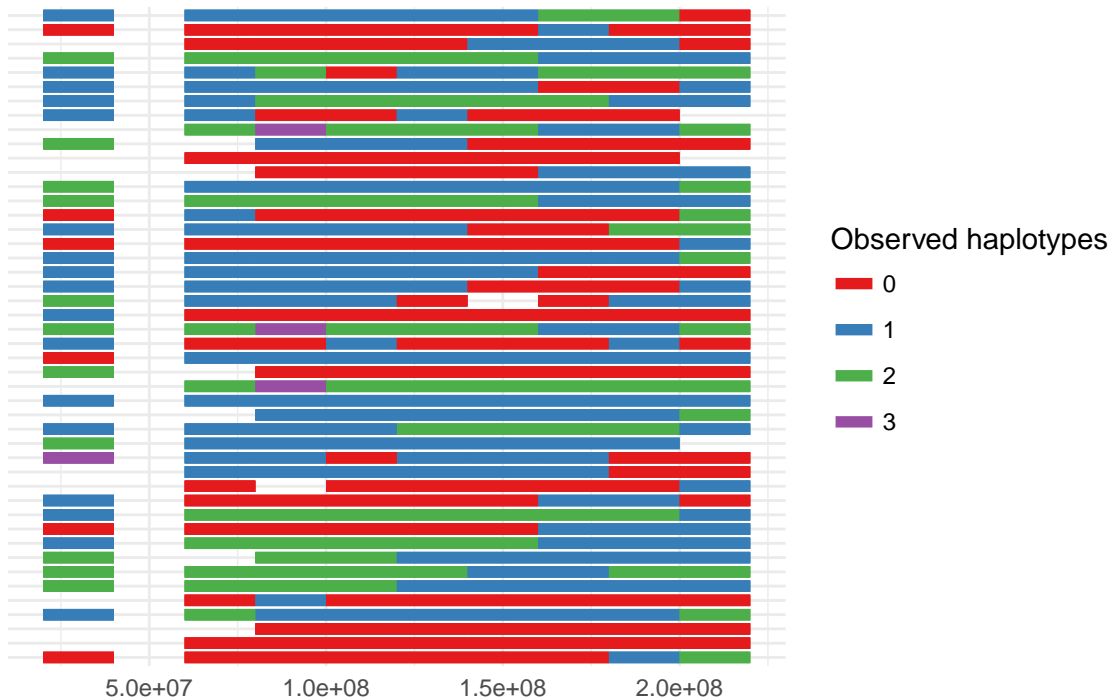
5.0e+07

1.0e+08

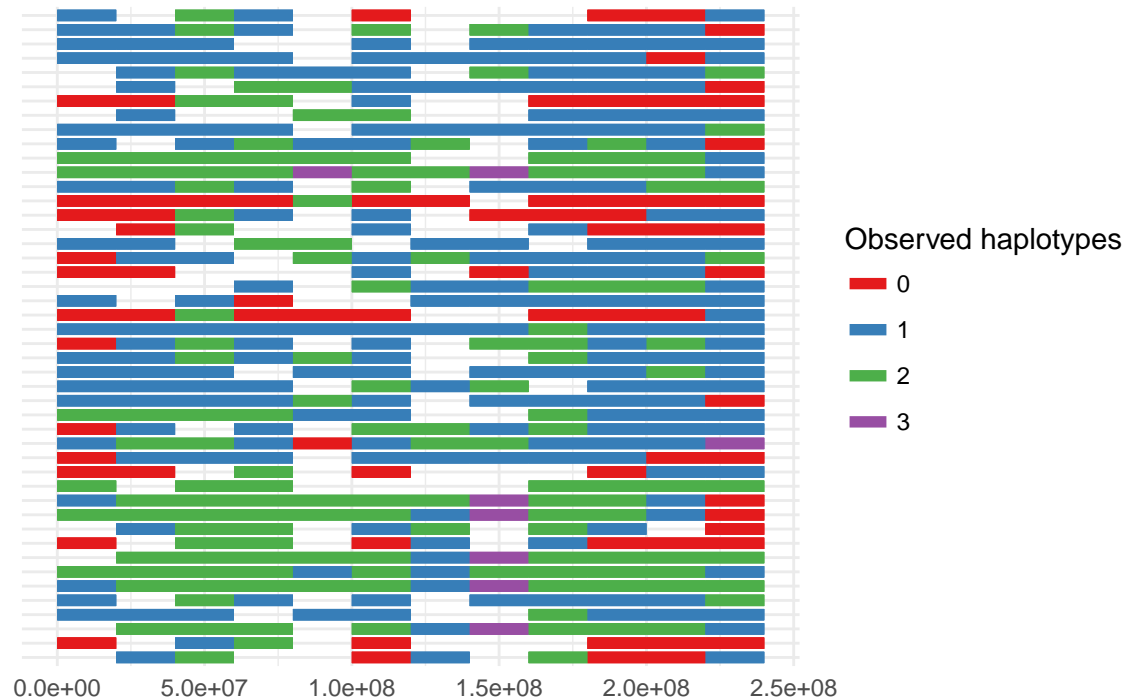
1.5e+08



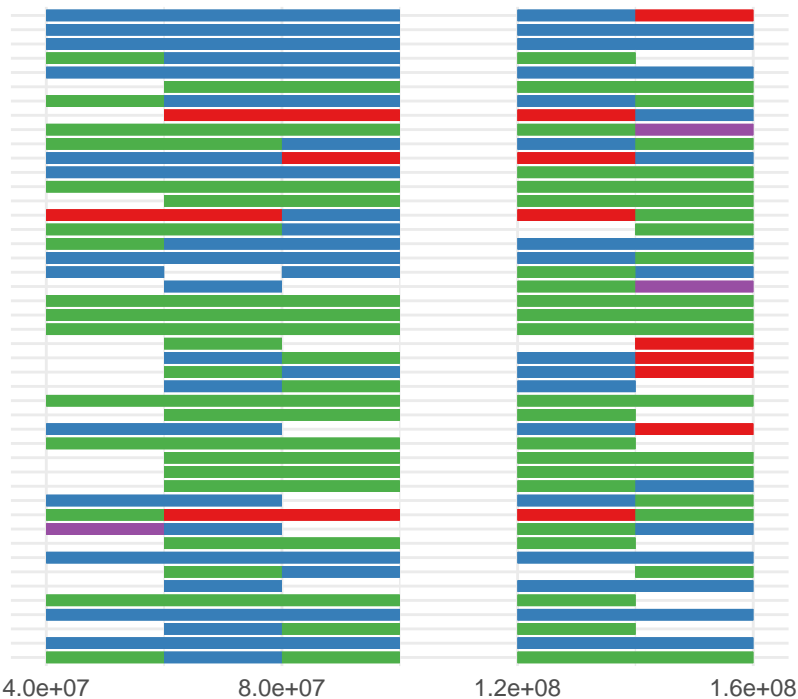
BFL 10 HanXRQChr09 10MB window haplotypescount



BFL 10 HanXRQChr10 10MB window haplotypescount



BFL 10 HanXRQChr11 10MB window haplotypescount



Observed haplotypes

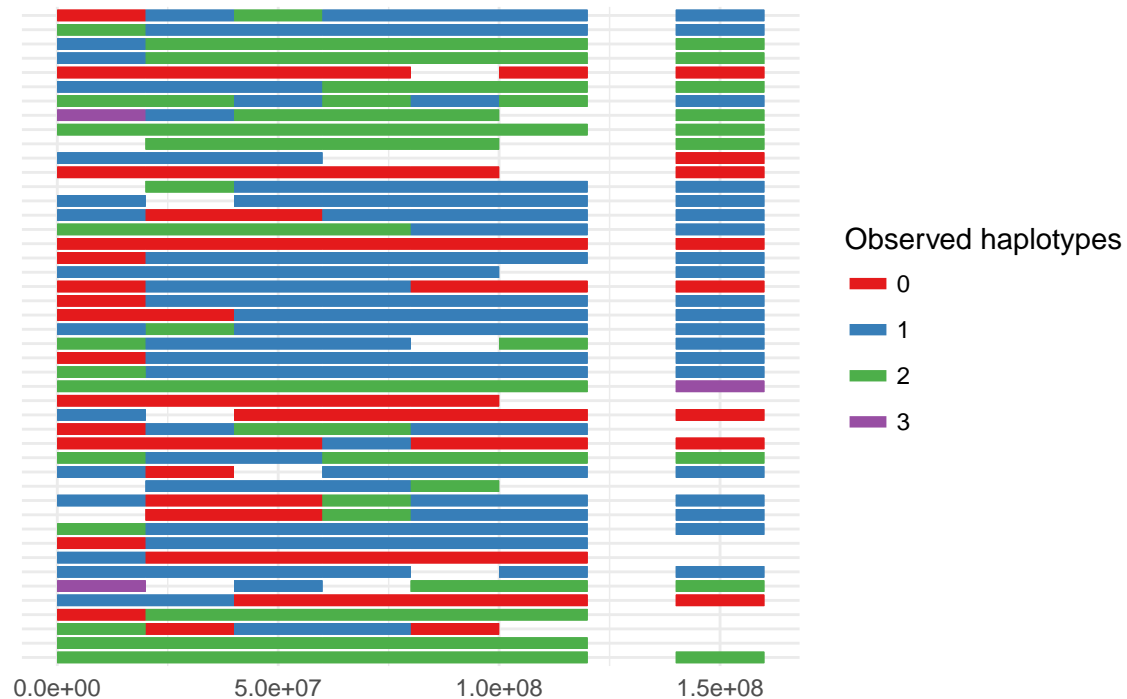
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1

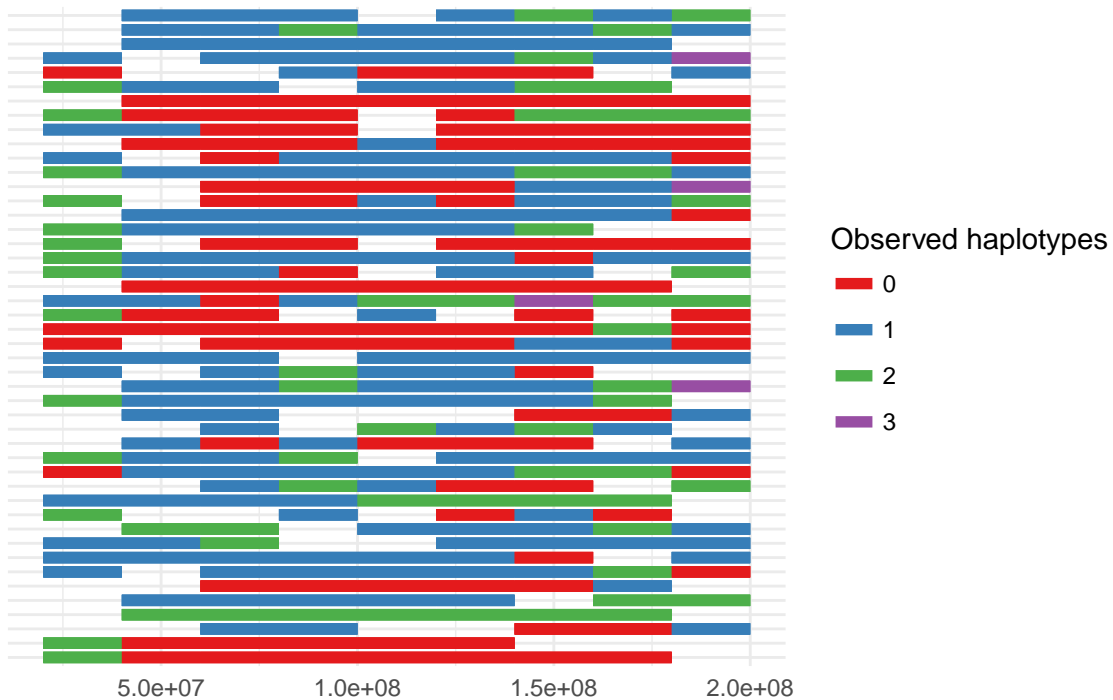
2

3

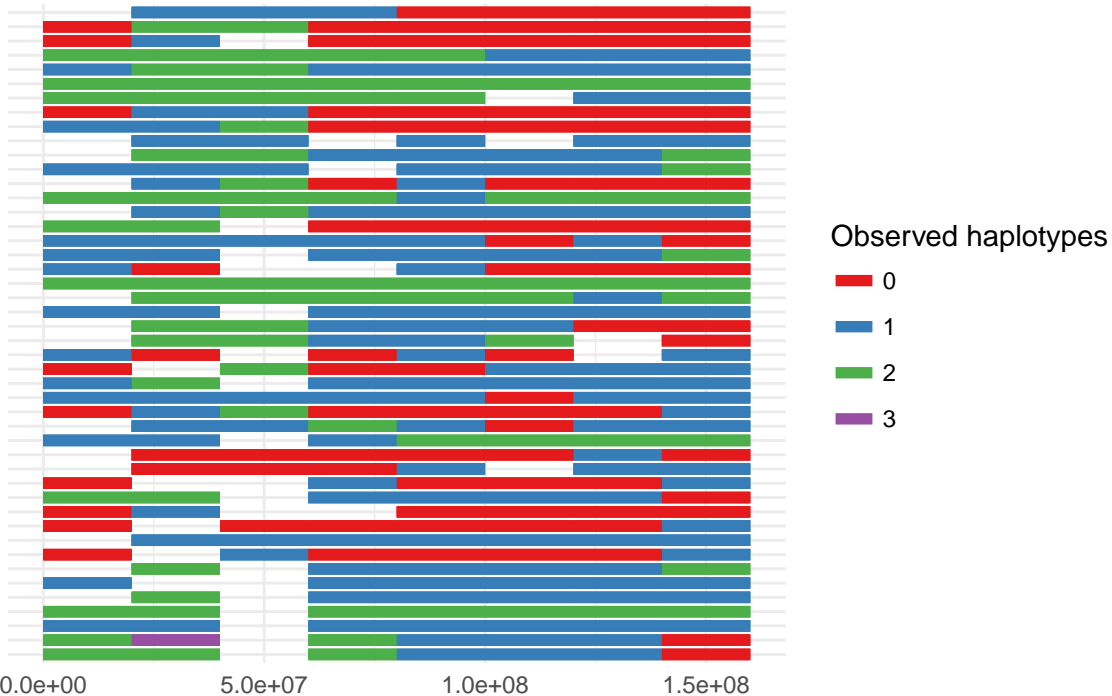
BFL 10 HanXRQChr12 10MB window haplotypescount



BFL 10 HanXRQChr13 10MB window haplotypescount



BFL 10 HanXRQChr14 10MB window haplotypescount



BFL 10 HanXRQChr15 10MB window haplotypescount

Observed haplotypes

0

1

2

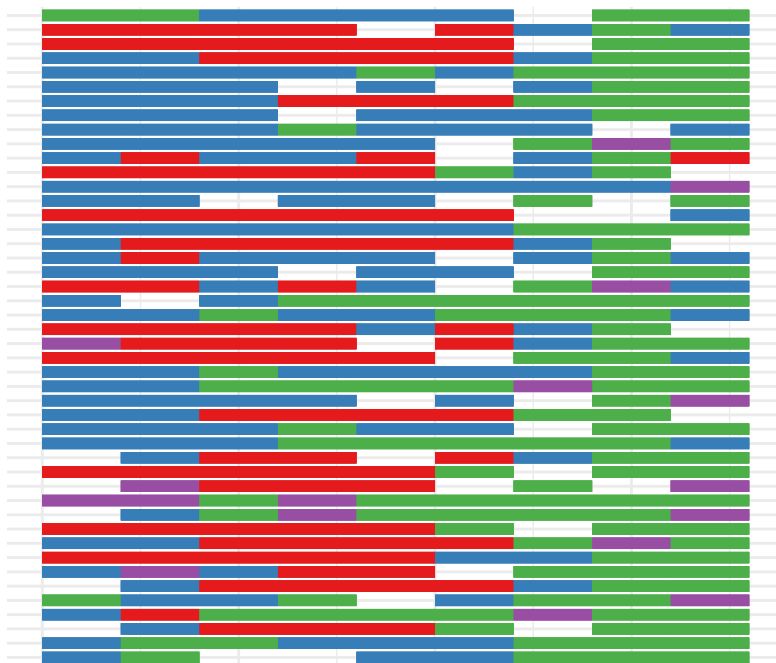
3

0.0e+00

5.0e+07

1.0e+08

1.5e+08



BFL 10 HanXRQChr16 10MB window haplotypescount

Observed haplotypes

0

1

2

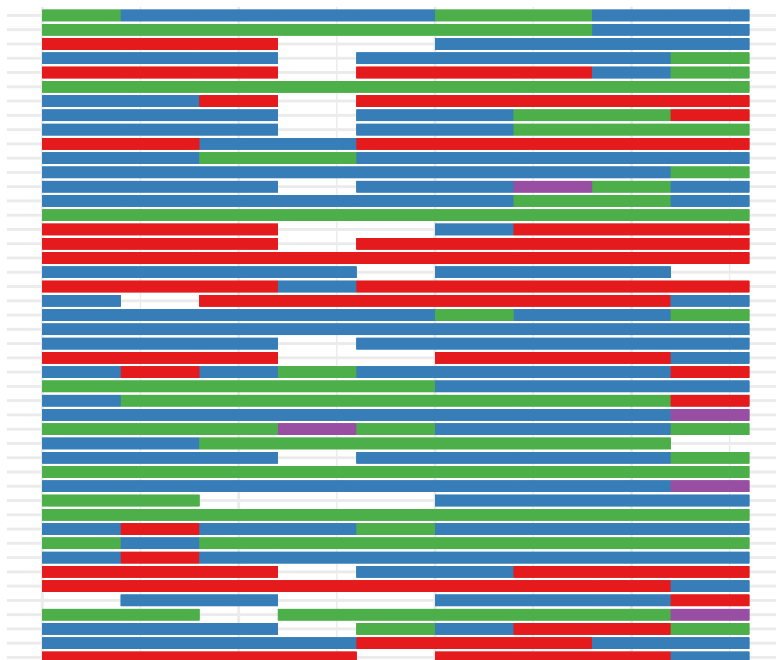
3

0.0e+00

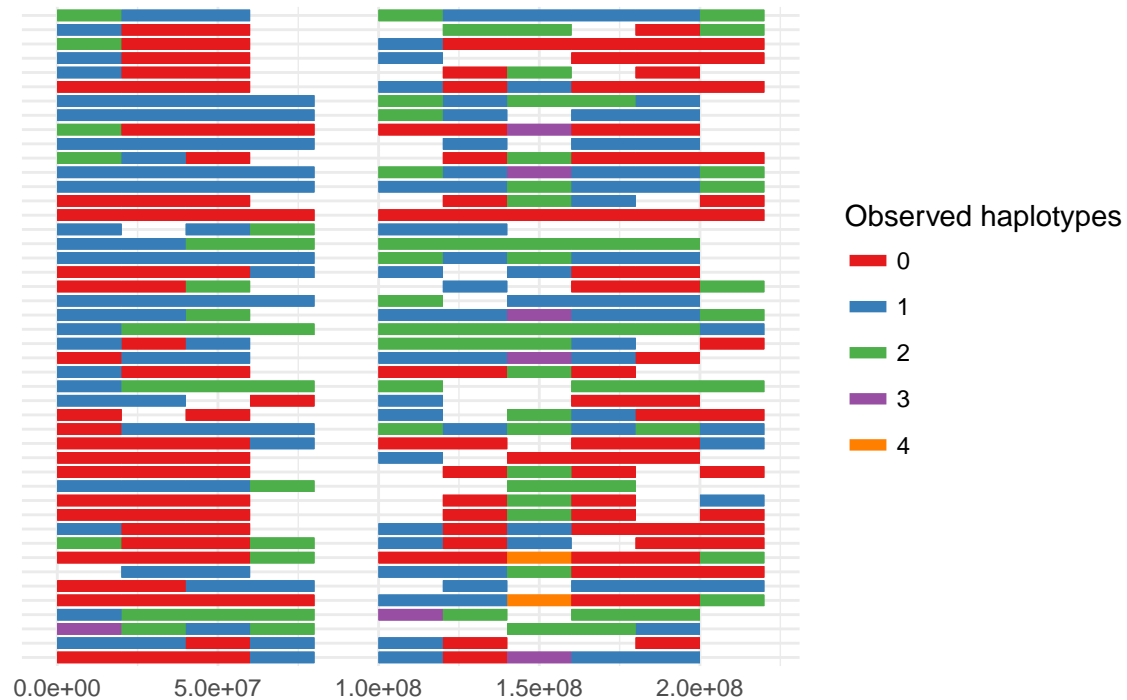
5.0e+07

1.0e+08

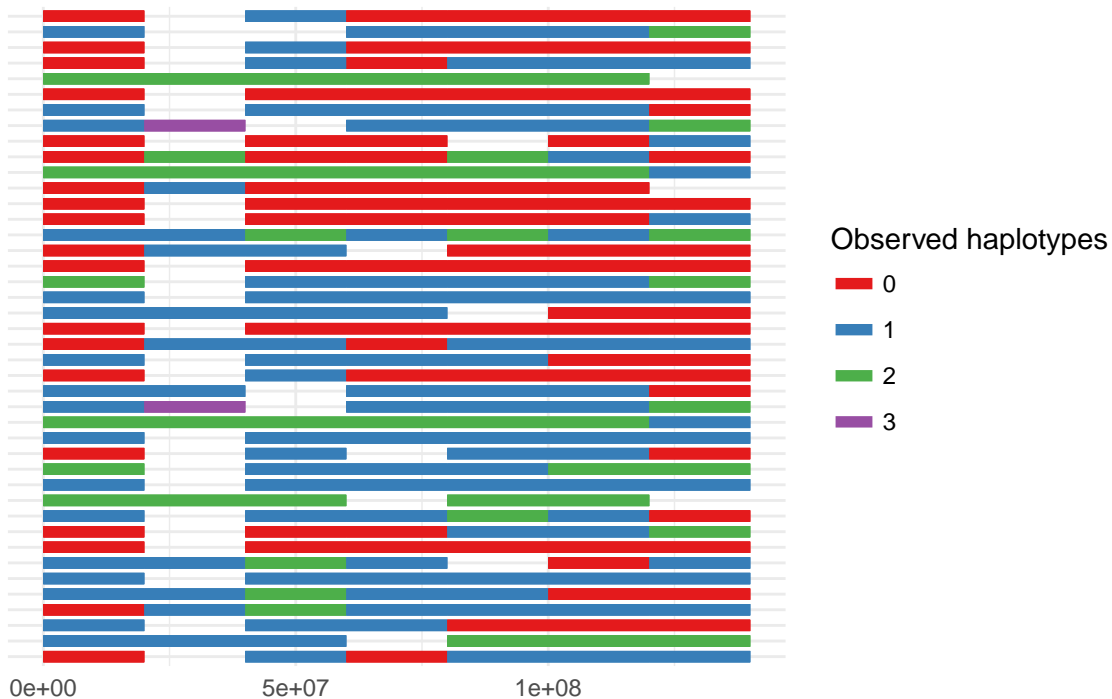
1.5e+08



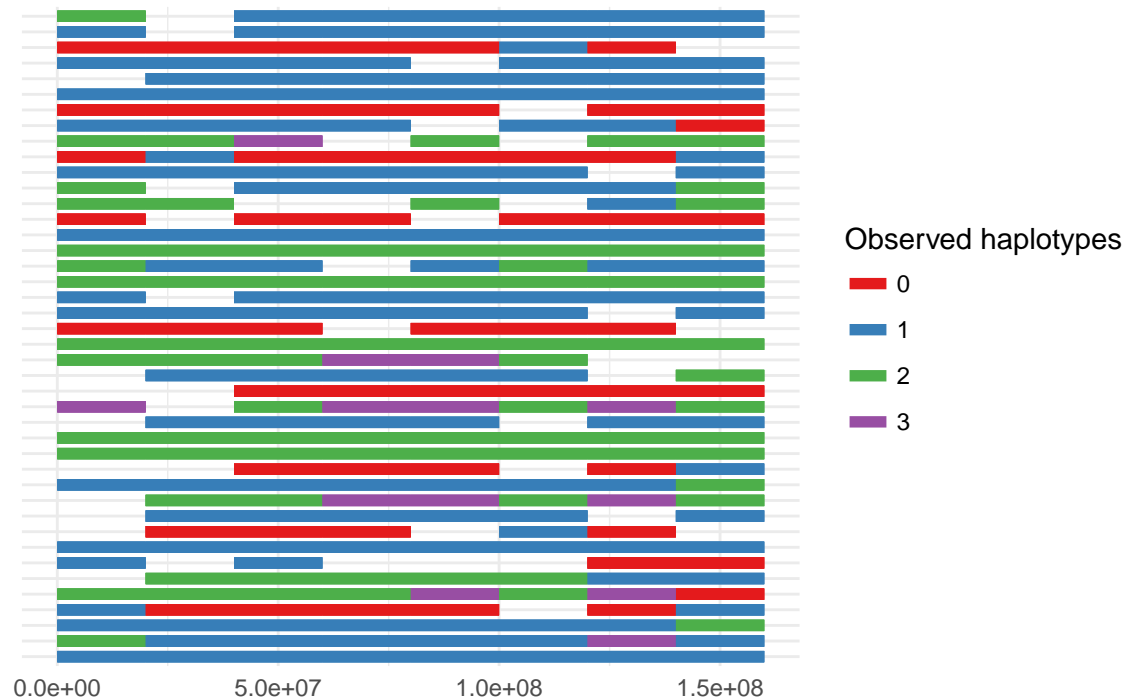
BFL 10 HanXRQChr17 10MB window haplotypescount



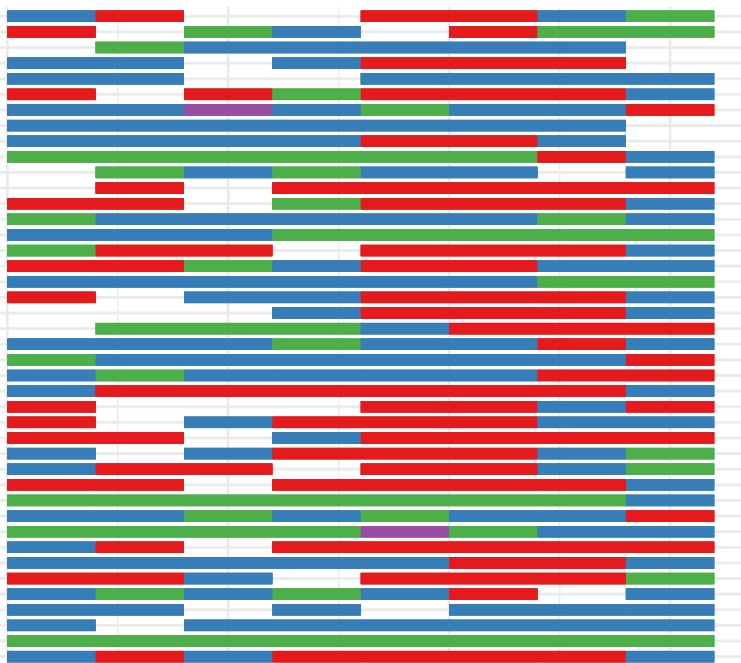
BFL 11 HanXRQChr01 10MB window haplotypescount



BFL 11 HanXRQChr02 10MB window haplotypescount



BFL 11 HanXRQChr03 10MB window haplotypescount



Observed haplotypes

0

1

2

3

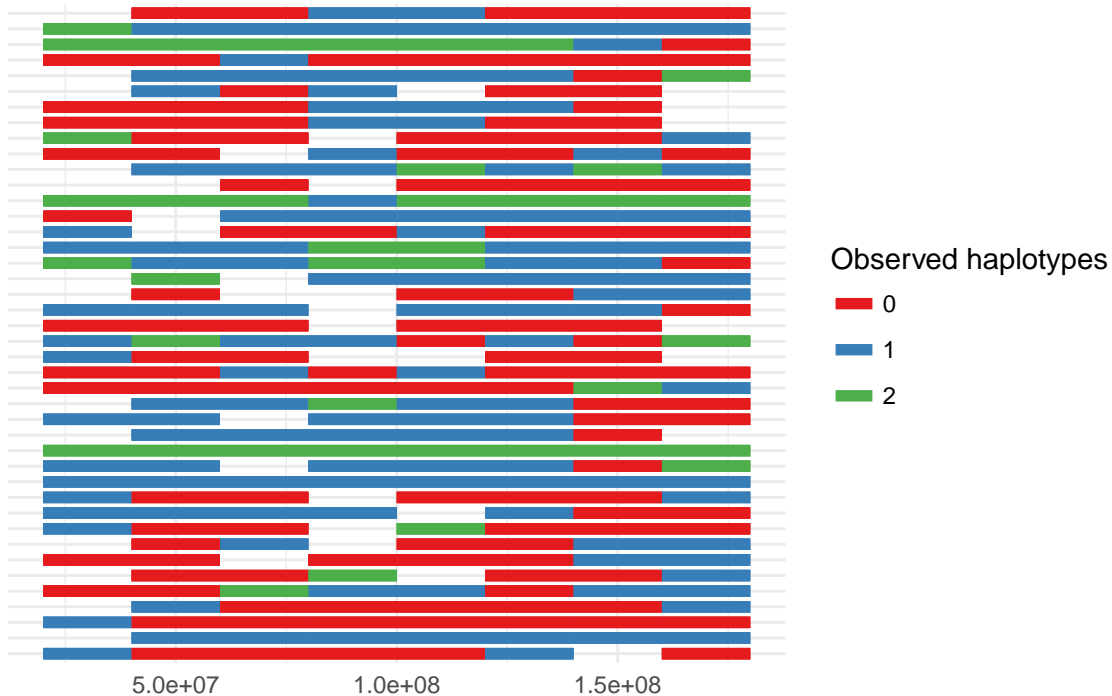
0.0e+00

5.0e+07

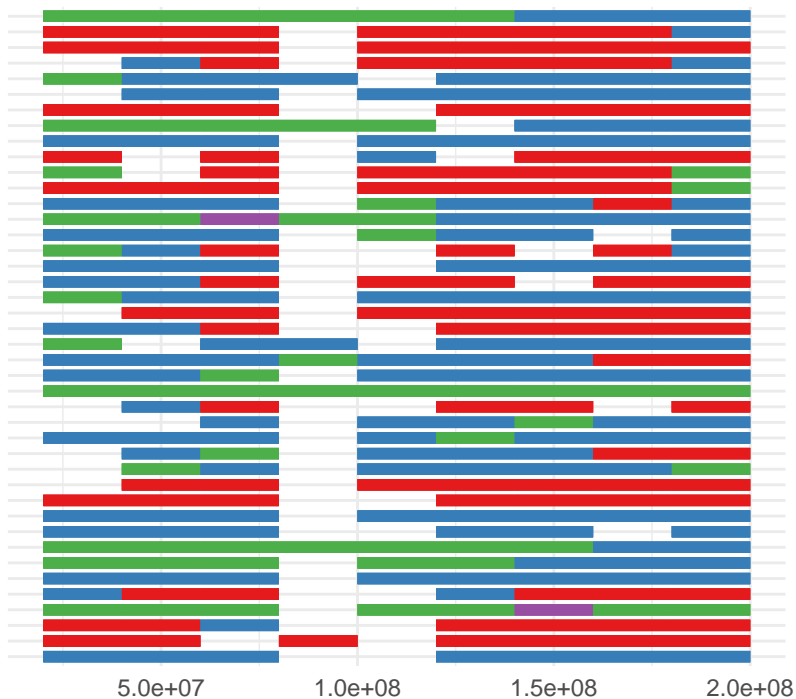
1.0e+08

1.5e+08

BFL 11 HanXRQChr04 10MB window haplotypescount



BFL 11 HanXRQChr05 10MB window haplotypescount



Observed haplotypes

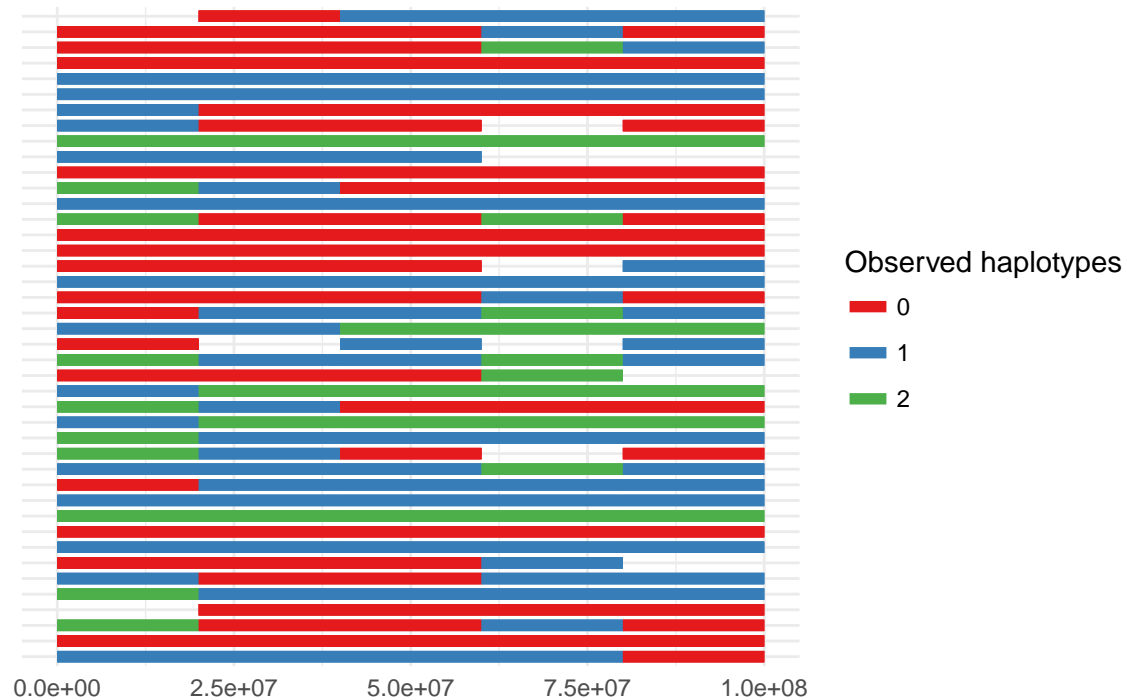
0

1

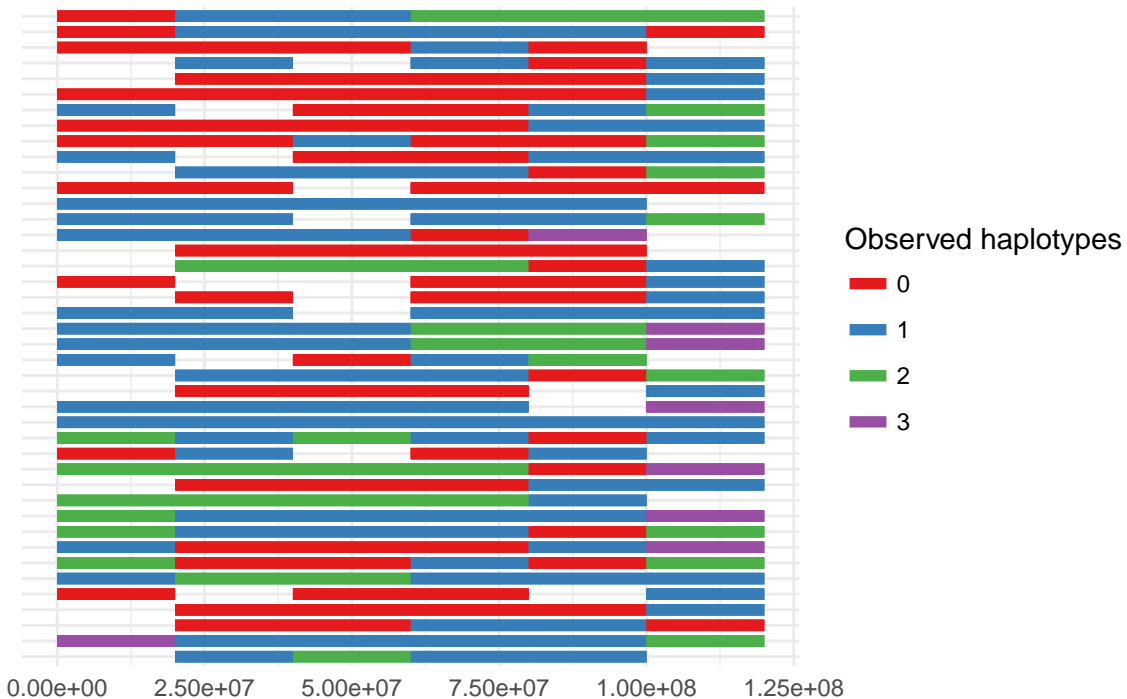
2

3

BFL 11 HanXRQChr06 10MB window haplotypescount



BFL 11 HanXRQChr07 10MB window haplotypescount



BFL 11 HanXRQChr08 10MB window haplotypescount

Observed haplotypes

0

1

2

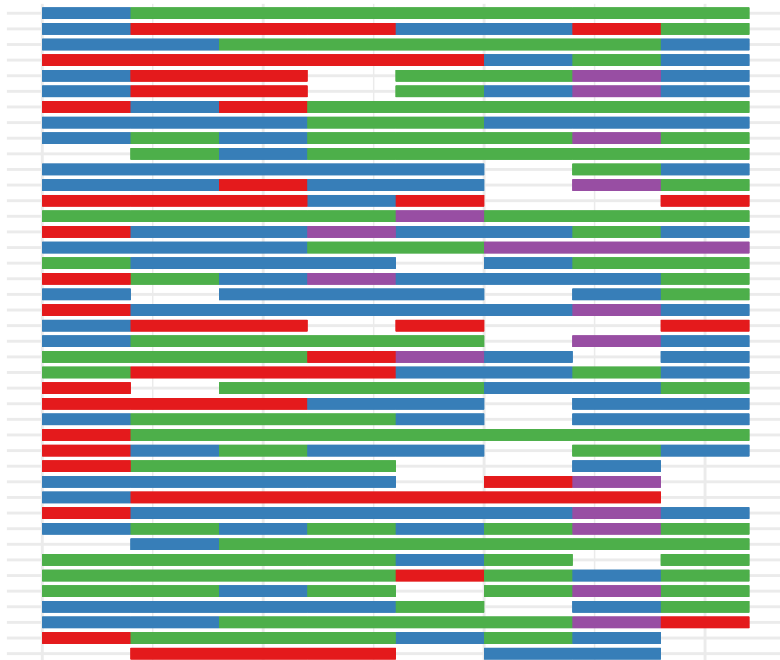
3

0.0e+00

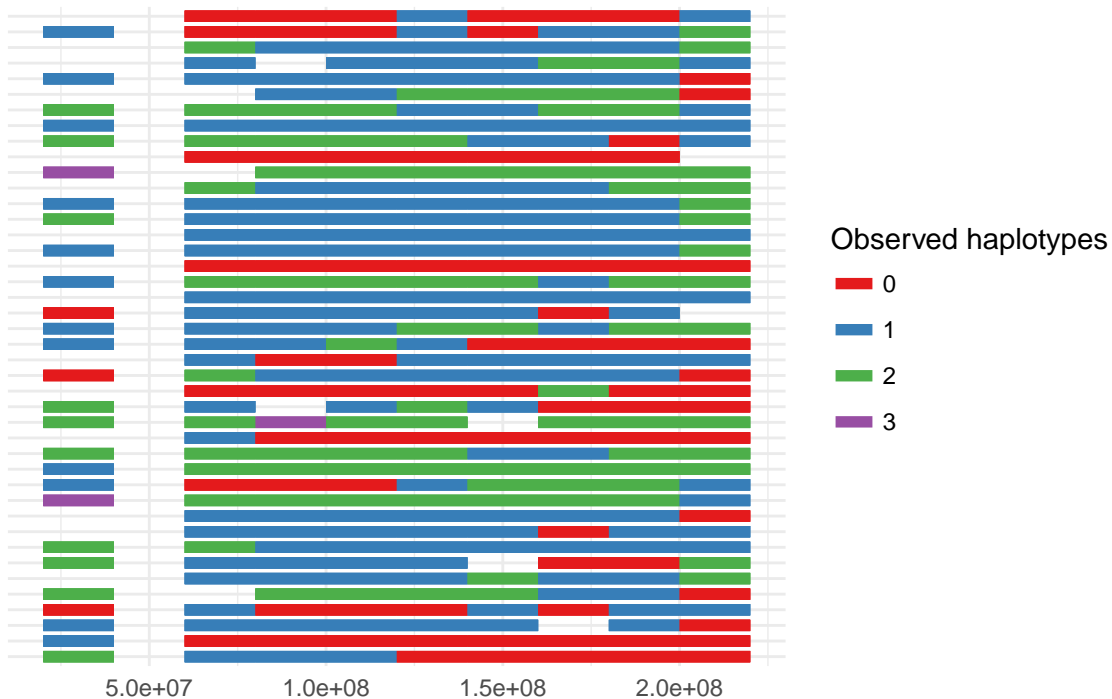
5.0e+07

1.0e+08

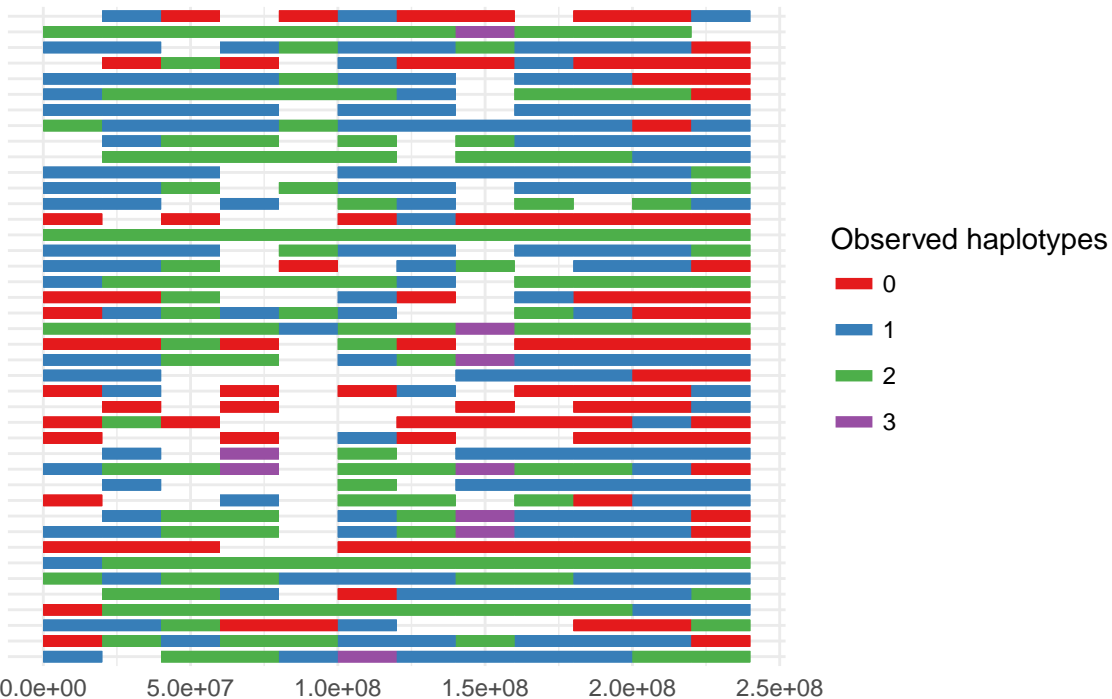
1.5e+08



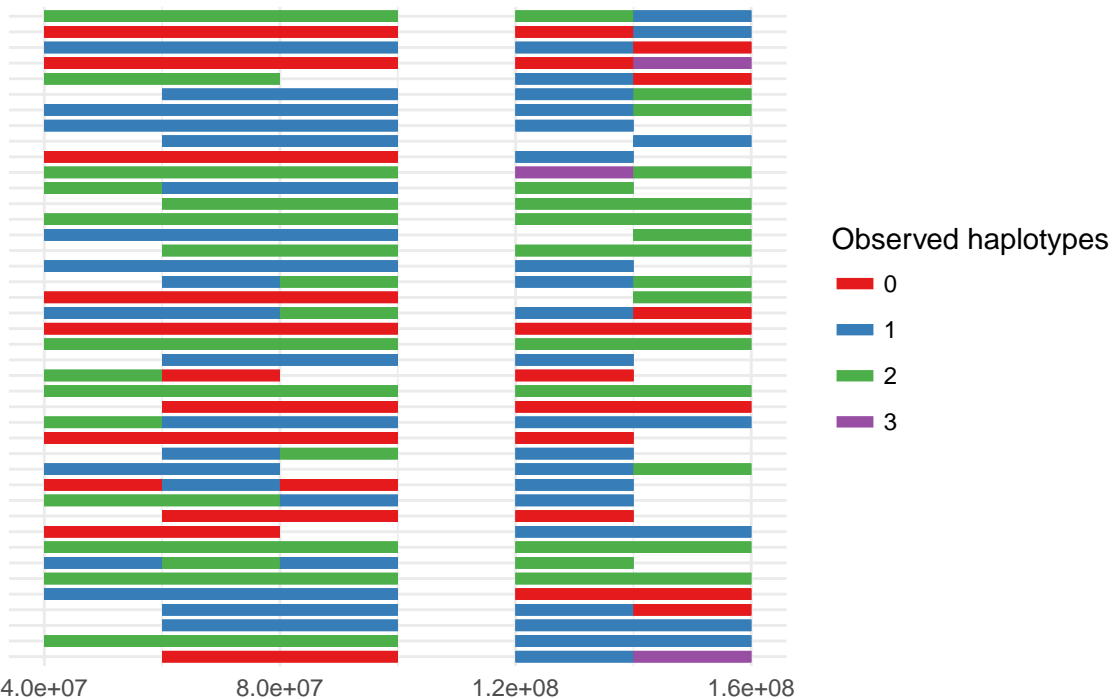
BFL 11 HanXRQChr09 10MB window haplotypescount



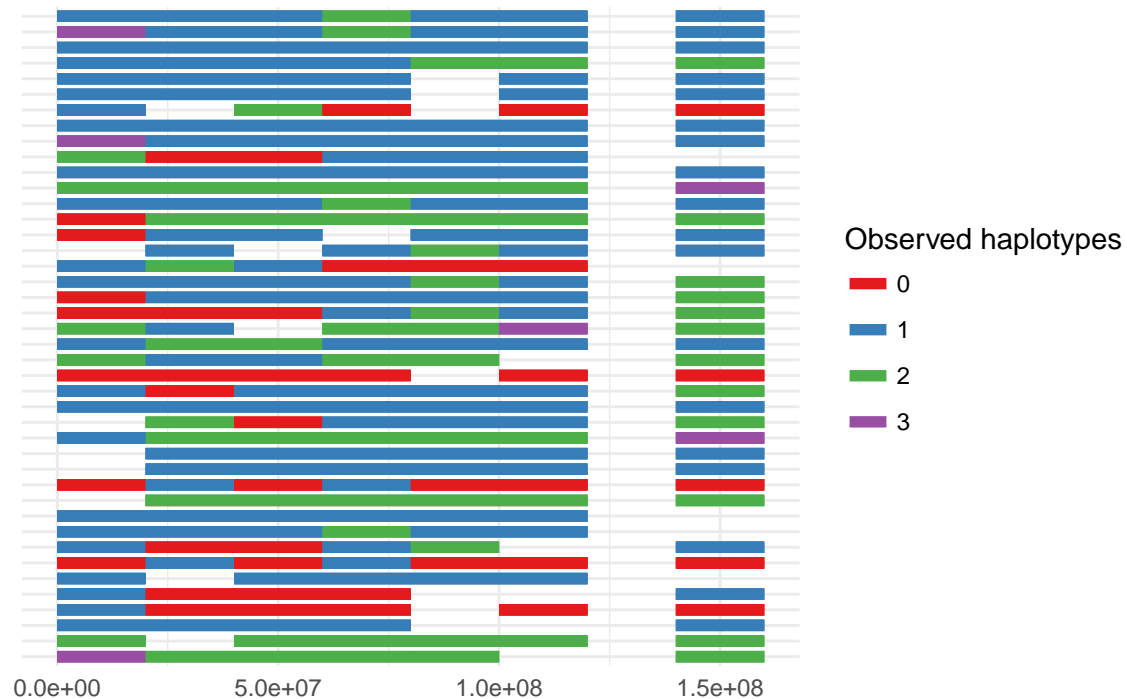
BFL 11 HanXRQChr10 10MB window haplotypescount



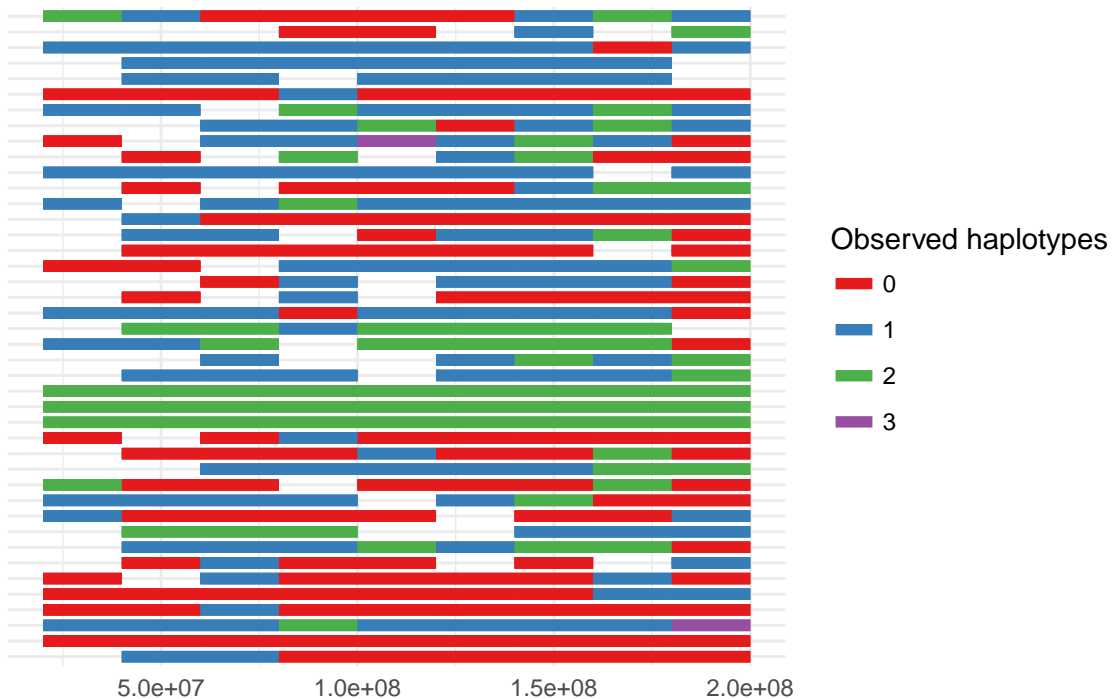
BFL 11 HanXRQChr11 10MB window haplotypescount



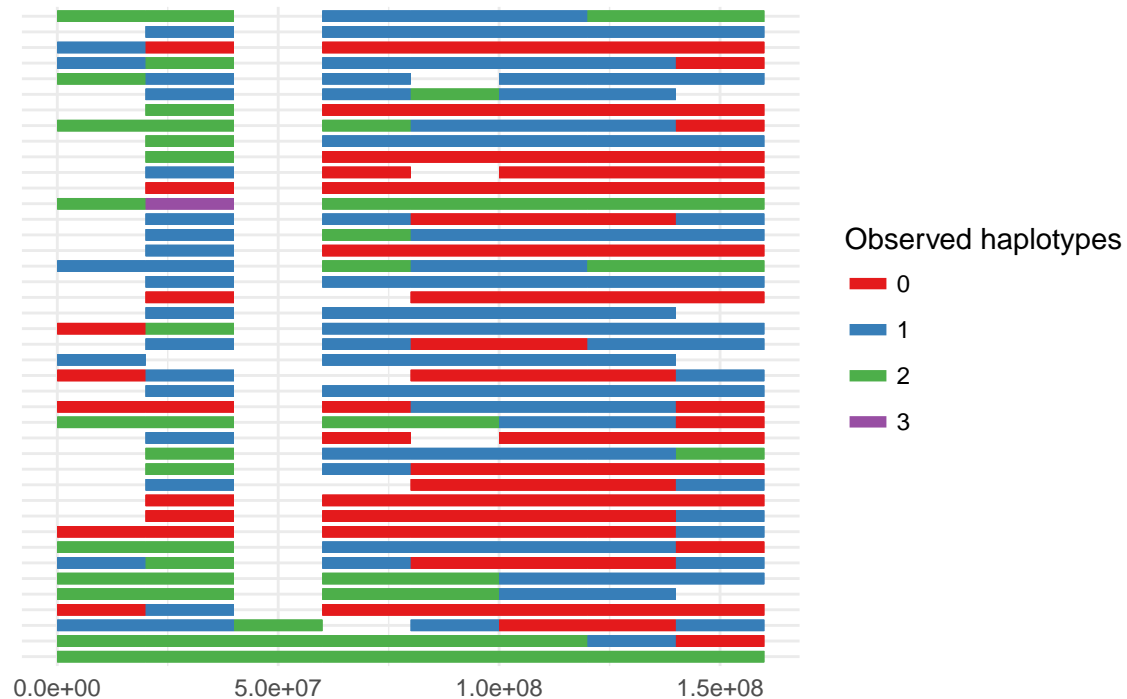
BFL 11 HanXRQChr12 10MB window haplotypescount



BFL 11 HanXRQChr13 10MB window haplotypescount



BFL 11 HanXRQChr14 10MB window haplotypescount



BFL 11 HanXRQChr15 10MB window haplotypescount

Observed haplotypes

0

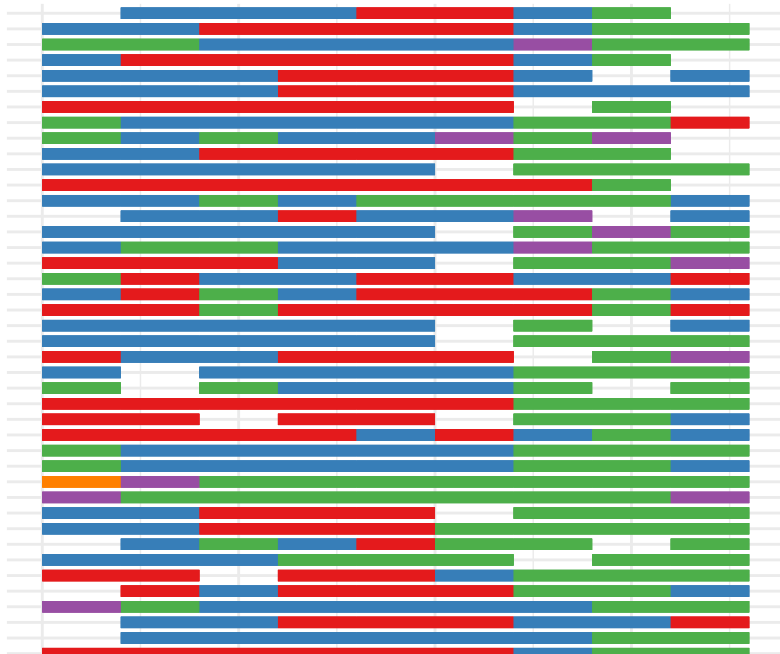
1

2

3

4

0.0e+00 5.0e+07 1.0e+08 1.5e+08



BFL 11 HanXRQChr16 10MB window haplotypescount

Observed haplotypes

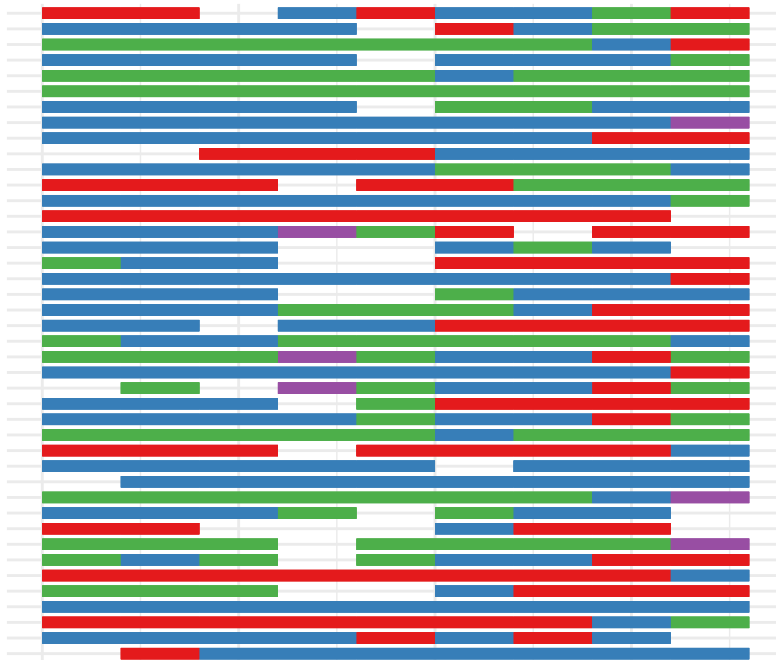
0

1

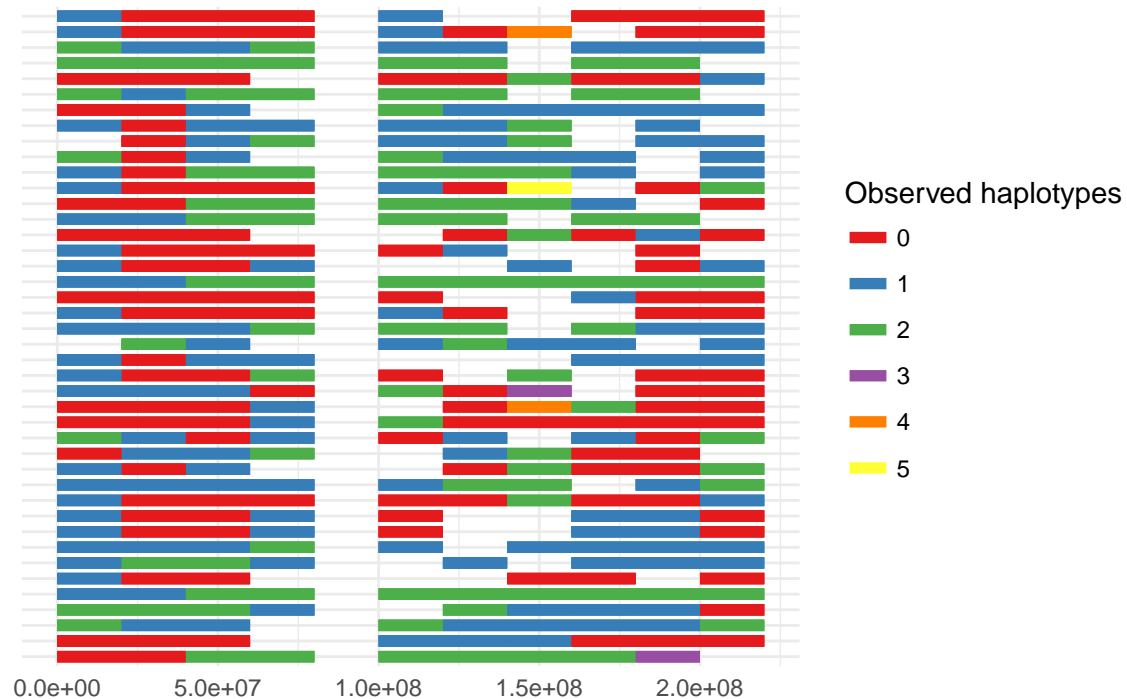
2

3

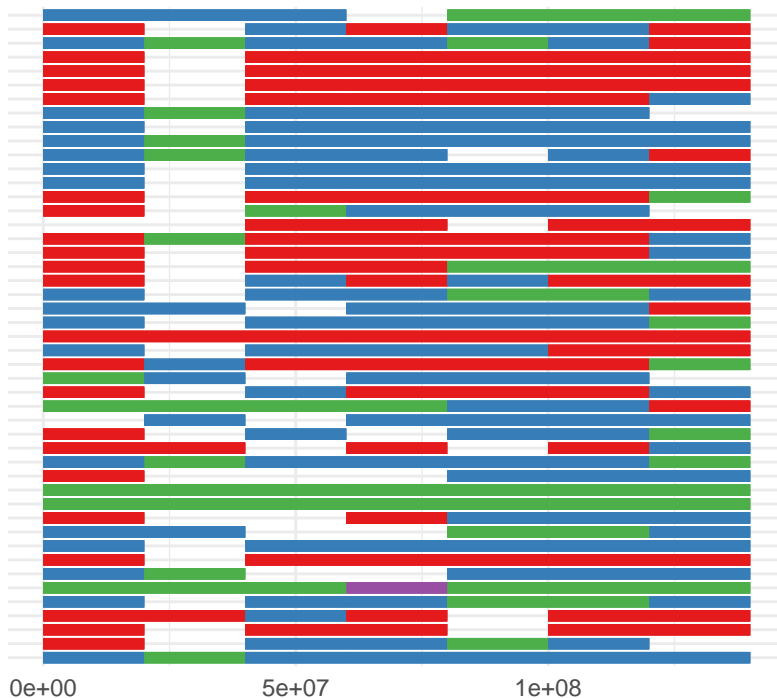
0.0e+00 5.0e+07 1.0e+08 1.5e+08



BFL 11 HanXRQChr17 10MB window haplotypescount



BFL 12 HanXRQChr01 10MB window haplotypescount



Observed haplotypes

0

1

2

3

BFL 12 HanXRQChr02 10MB window haplotypescount

Observed haplotypes

0

1

2

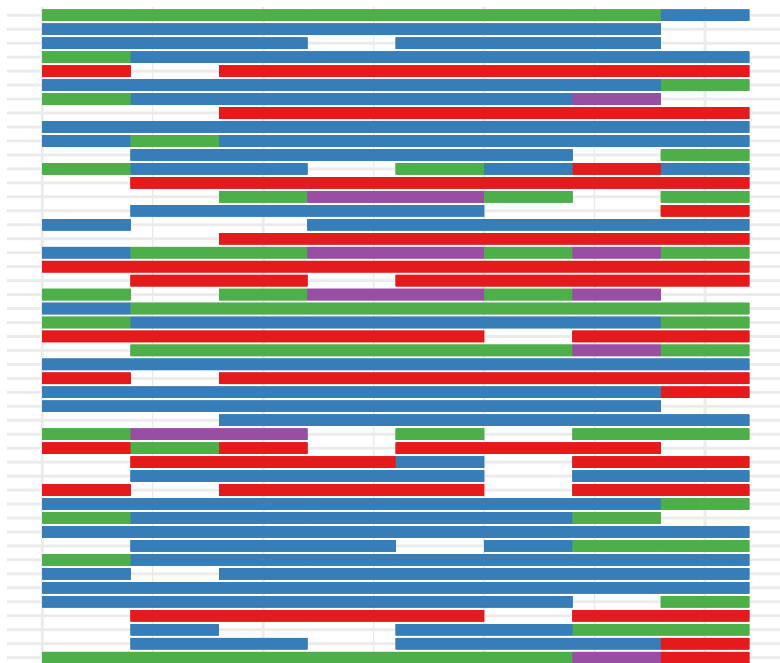
3

0.0e+00

5.0e+07

1.0e+08

1.5e+08



BFL 12 HanXRQChr03 10MB window haplotypescount

Observed haplotypes

0

1

2

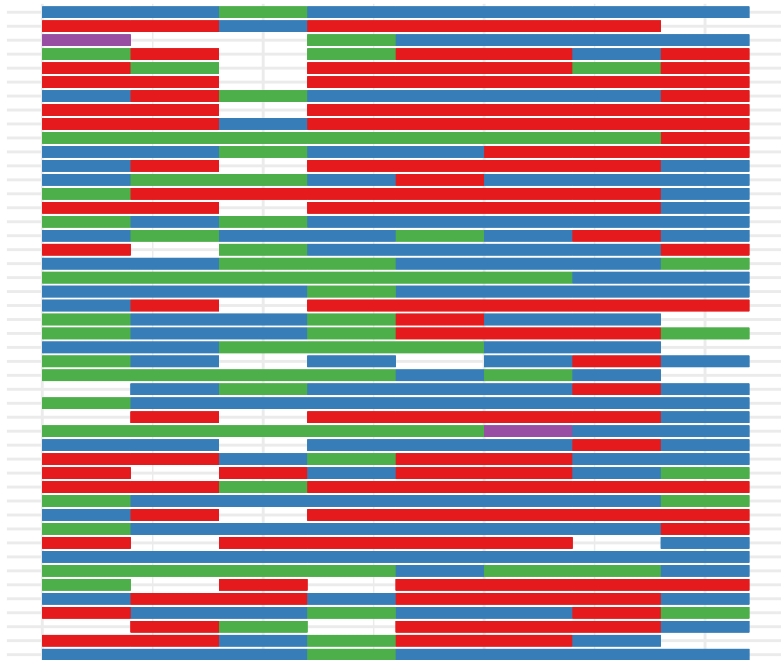
3

0.0e+00

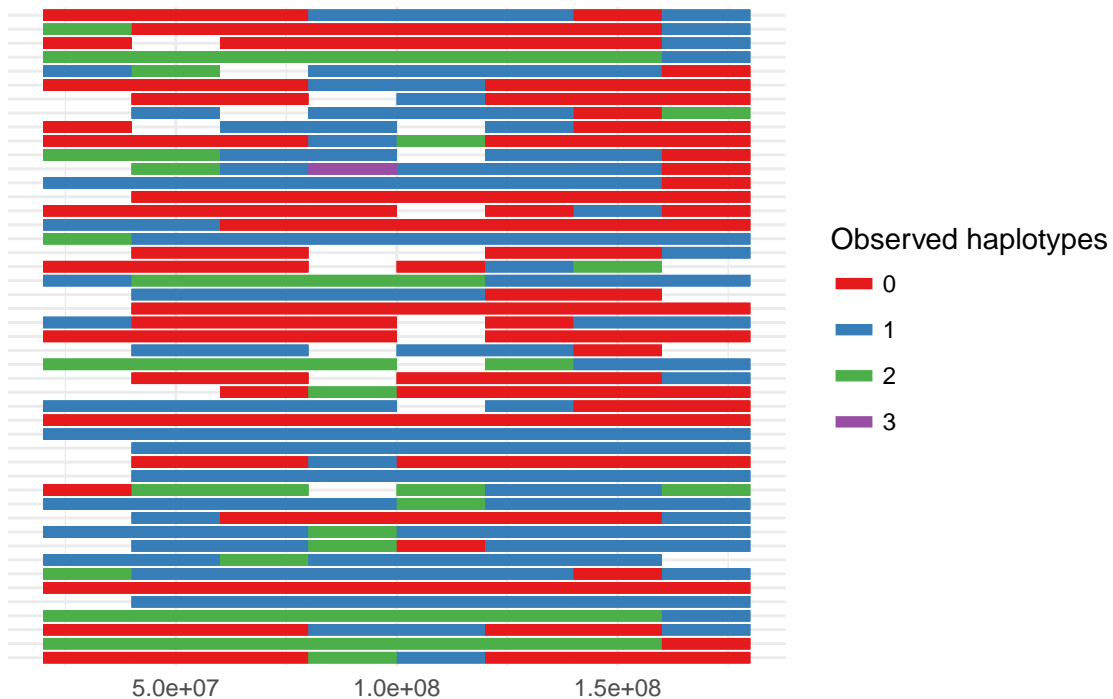
5.0e+07

1.0e+08

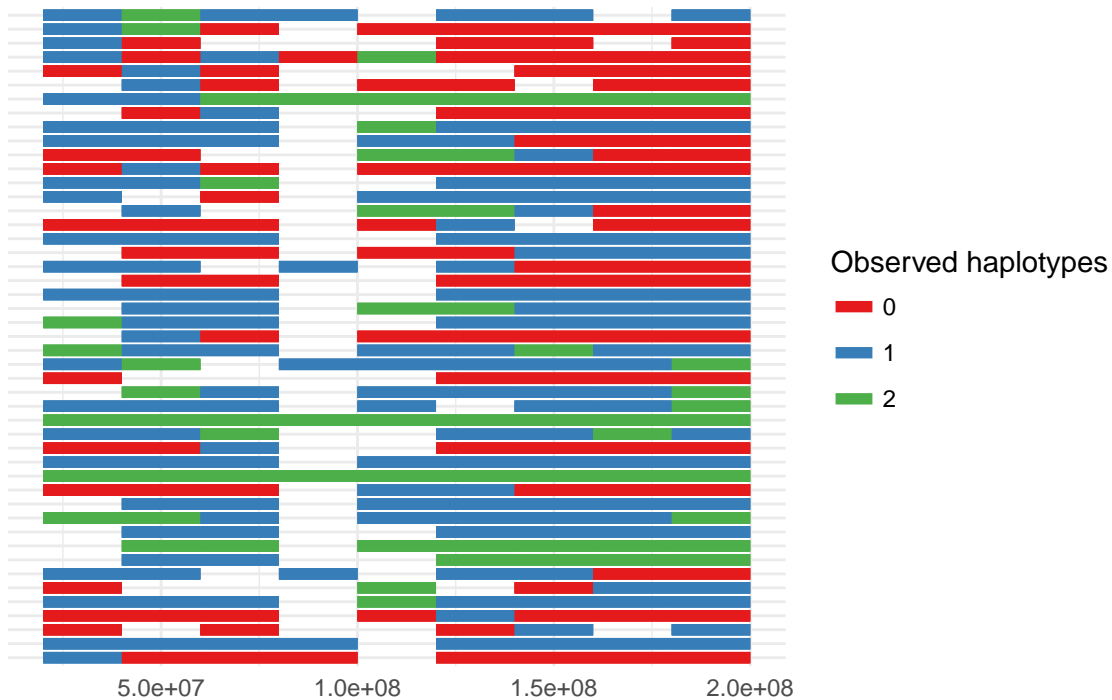
1.5e+08



BFL 12 HanXRQChr04 10MB window haplotypescount



BFL 12 HanXRQChr05 10MB window haplotypescount



BFL 12 HanXRQChr06 10MB window haplotypescount

Observed haplotypes

0

1

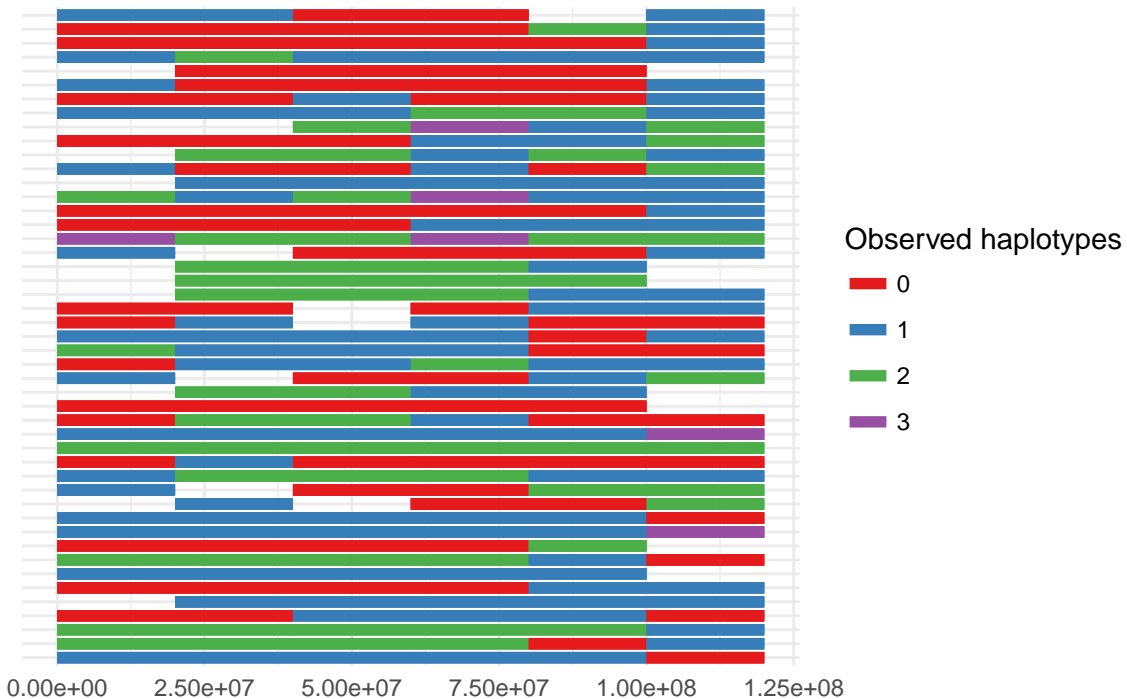
2

3

0.0e+00 2.5e+07 5.0e+07 7.5e+07 1.0e+08



BFL 12 HanXRQChr07 10MB window haplotypescount



BFL 12 HanXRQChr08 10MB window haplotypescount

Observed haplotypes

0

1

2

3

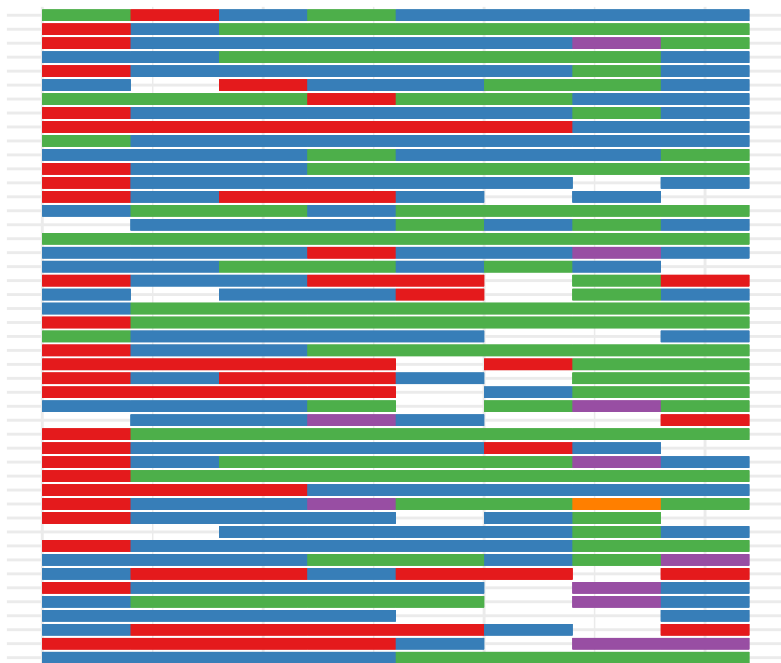
4

0.0e+00

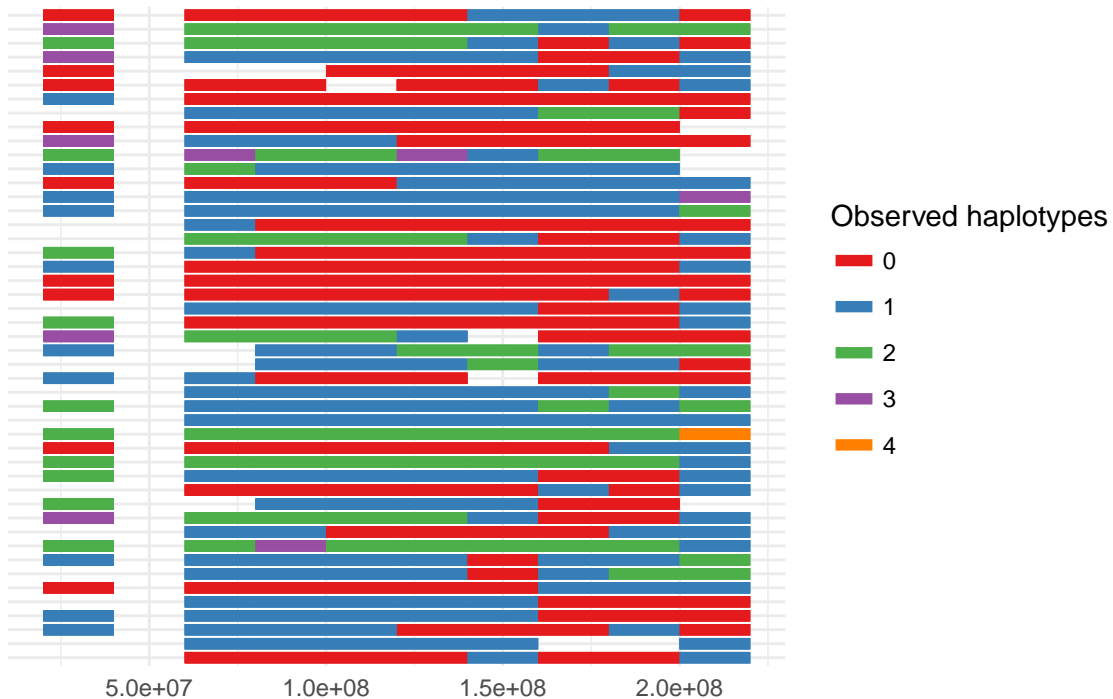
5.0e+07

1.0e+08

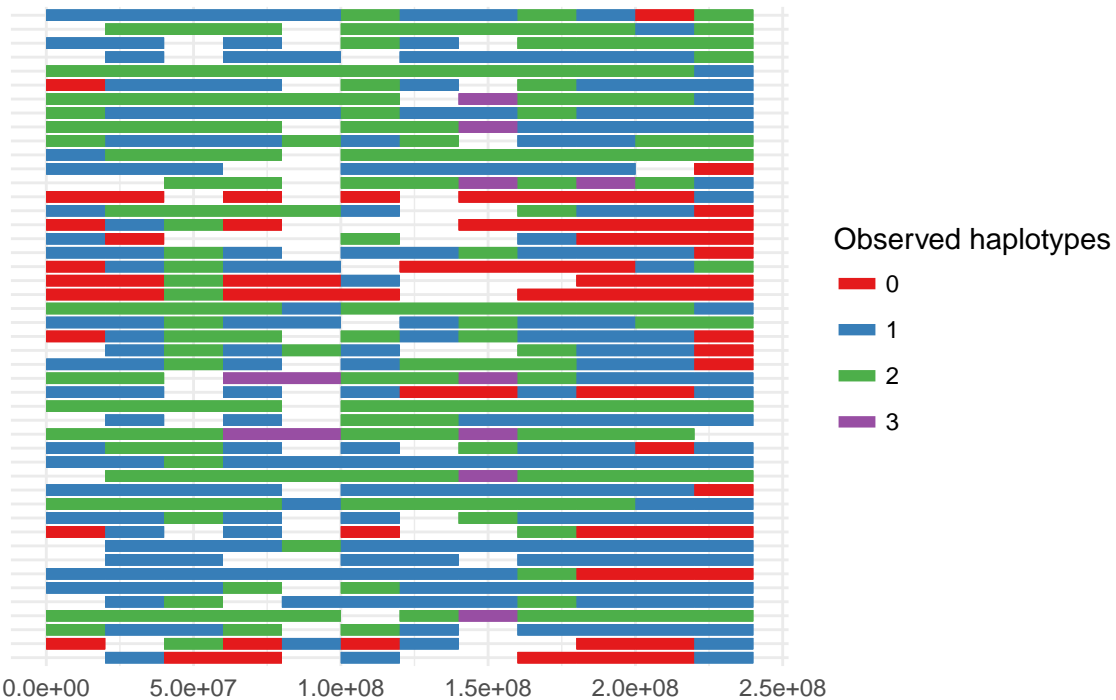
1.5e+08



BFL 12 HanXRQChr09 10MB window haplotypescount



BFL 12 HanXRQChr10 10MB window haplotypescount



BFL 12 HanXRQChr11 10MB window haplotypescount

Observed haplotypes

0

1

2

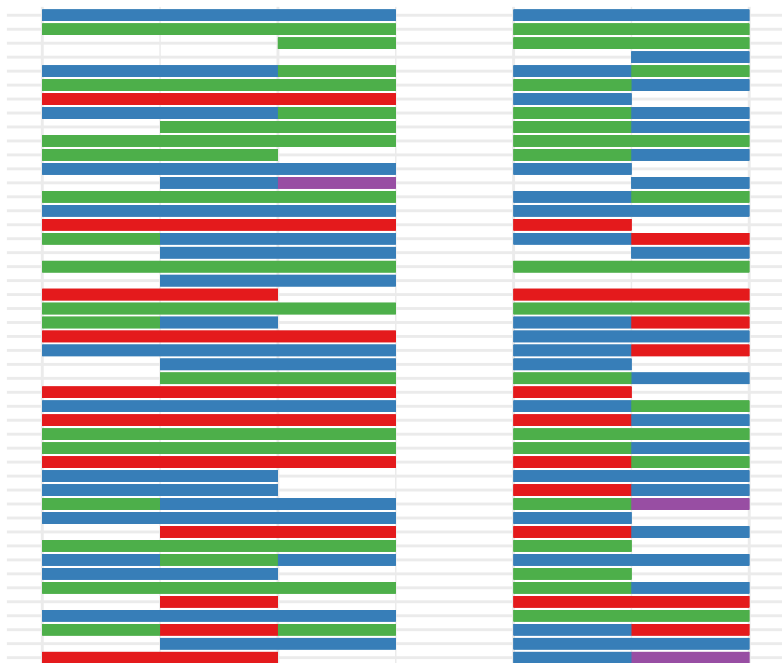
3

4.0e+07

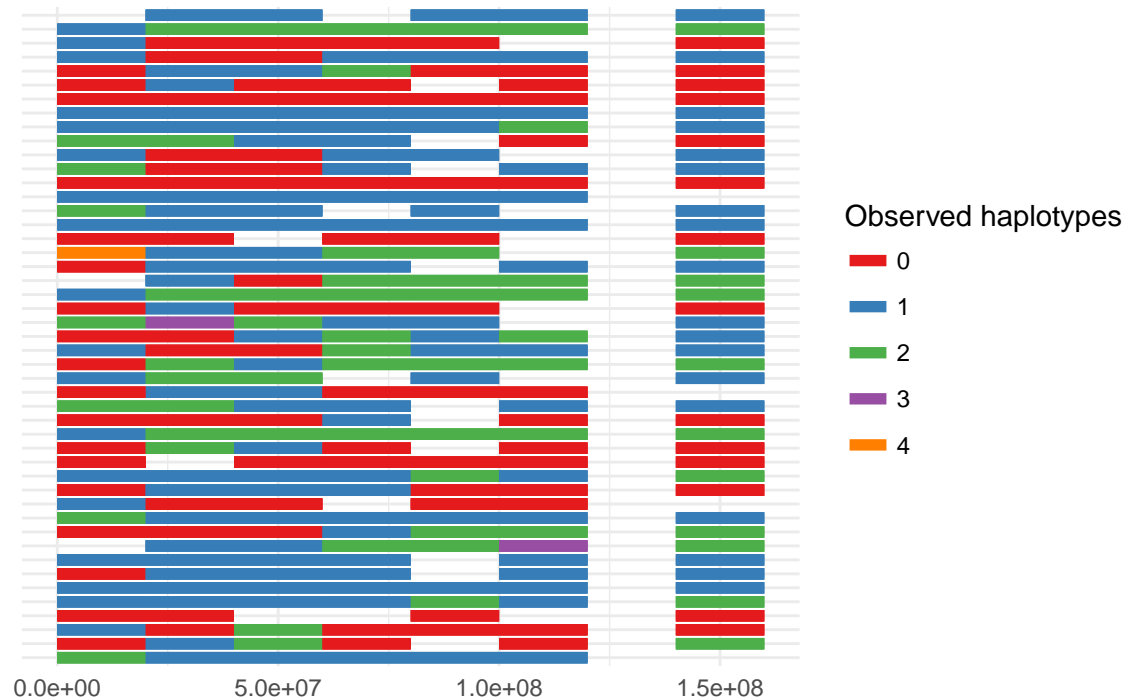
8.0e+07

1.2e+08

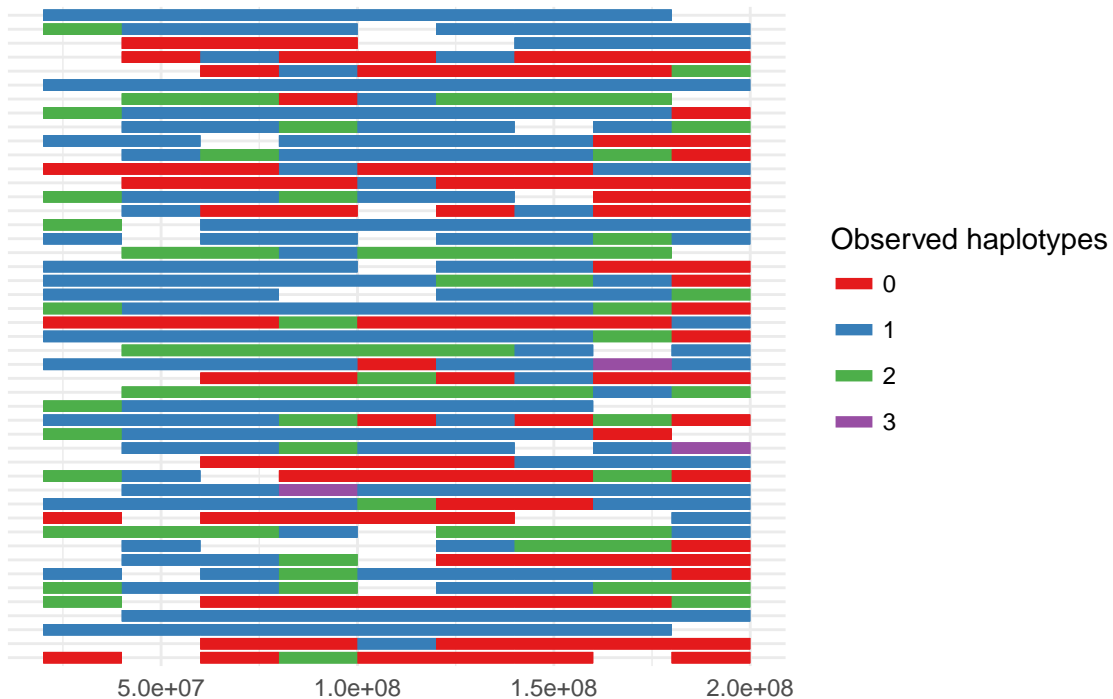
1.6e+08



BFL 12 HanXRQChr12 10MB window haplotypescount



BFL 12 HanXRQChr13 10MB window haplotypescount



BFL 12 HanXRQChr14 10MB window haplotypescount

Observed haplotypes

0

1

2

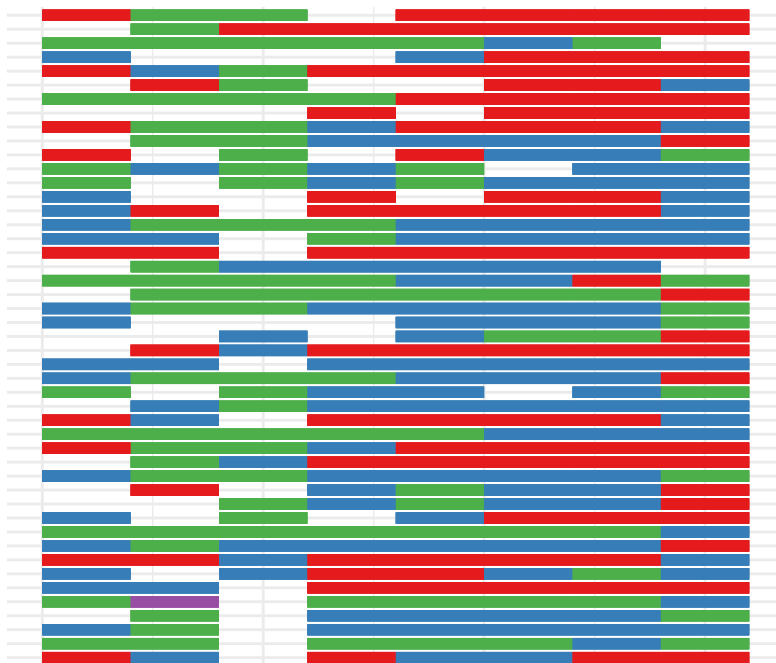
3

0.0e+00

5.0e+07

1.0e+08

1.5e+08



BFL 12 HanXRQChr15 10MB window haplotypescount

Observed haplotypes

0

1

2

3

0.0e+00

5.0e+07

1.0e+08

1.5e+08



BFL 12 HanXRQChr16 10MB window haplotypescount

Observed haplotypes

0

1

2

3

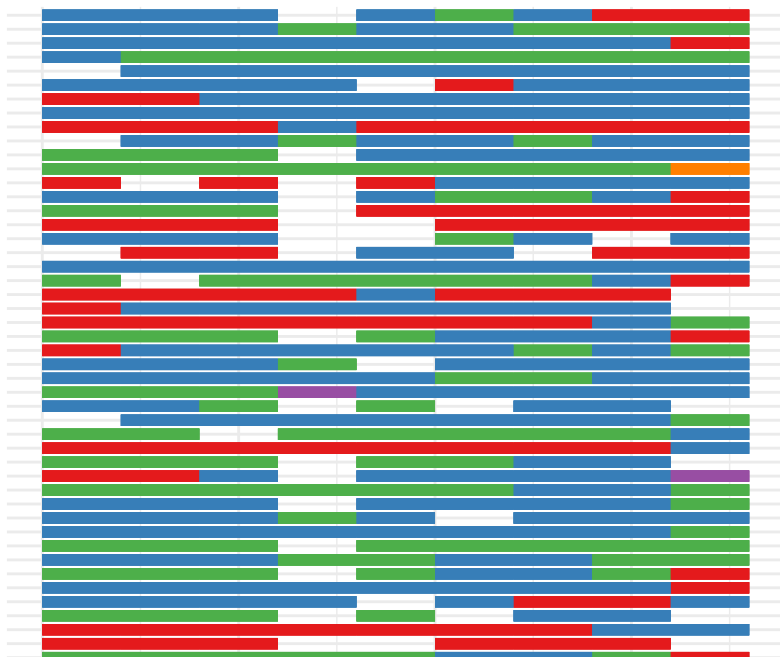
4

0.0e+00

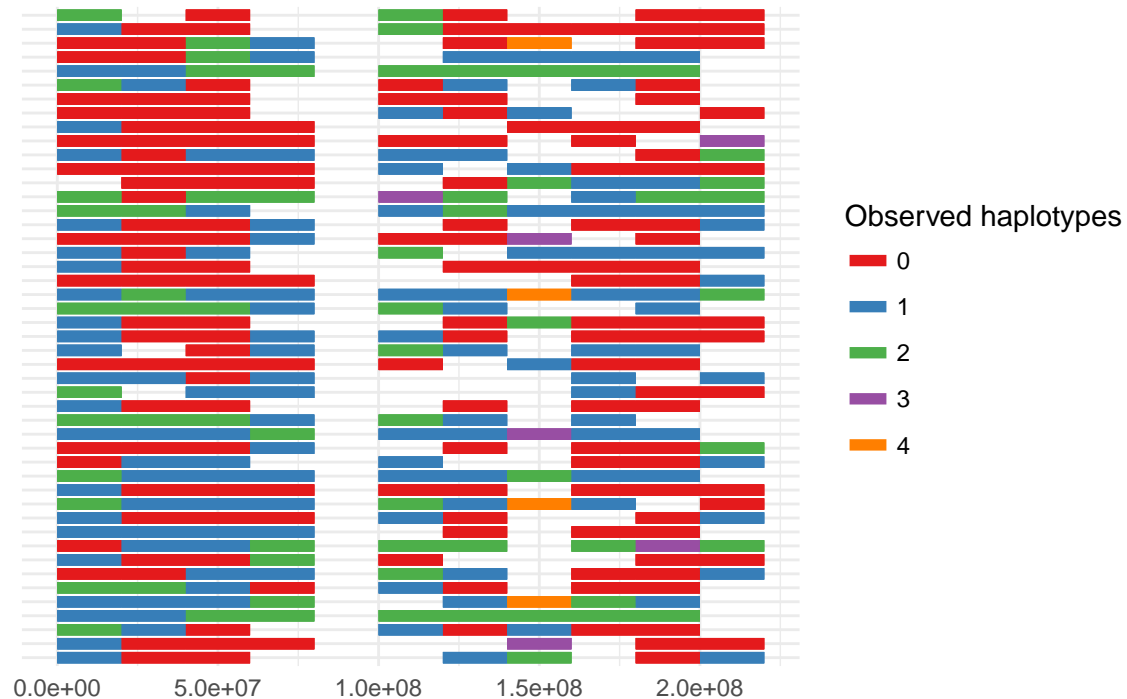
5.0e+07

1.0e+08

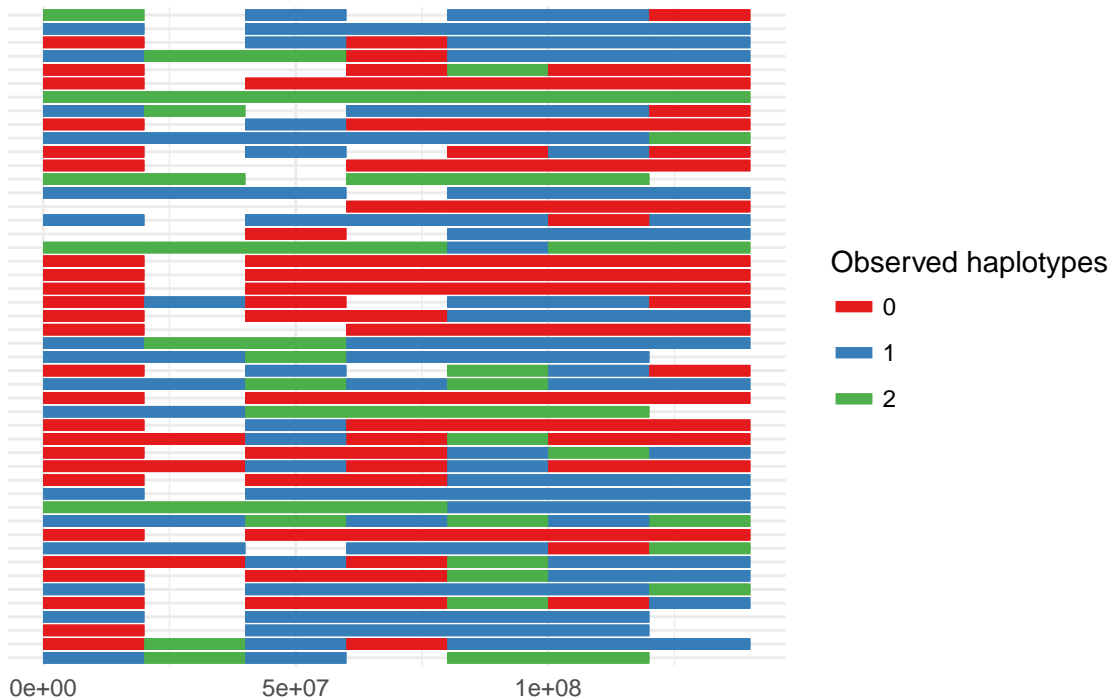
1.5e+08



BFL 12 HanXRQChr17 10MB window haplotypescount



BFL 13 HanXRQChr01 10MB window haplotypescount



BFL 13 HanXRQChr02 10MB window haplotypescount

Observed haplotypes

0

1

2

3

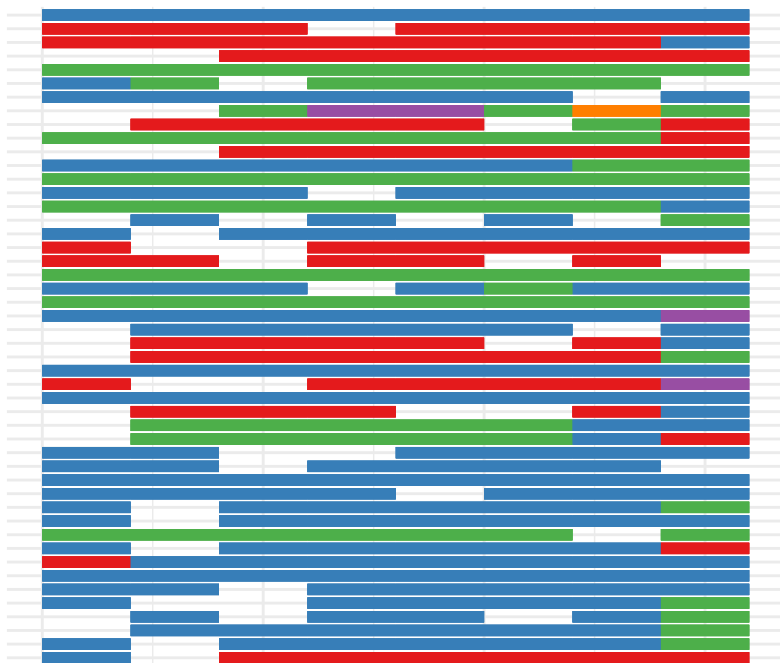
4

0.0e+00

5.0e+07

1.0e+08

1.5e+08



BFL 13 HanXRQChr03 10MB window haplotypescount

Observed haplotypes

0

1

2

3

0.0e+00

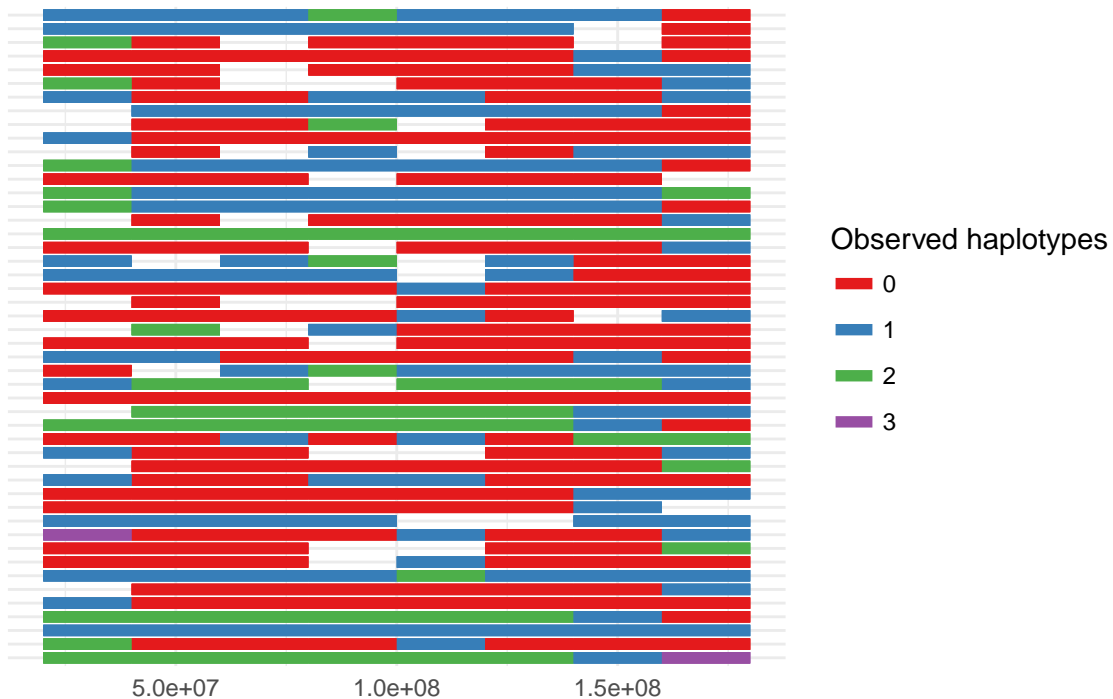
5.0e+07

1.0e+08

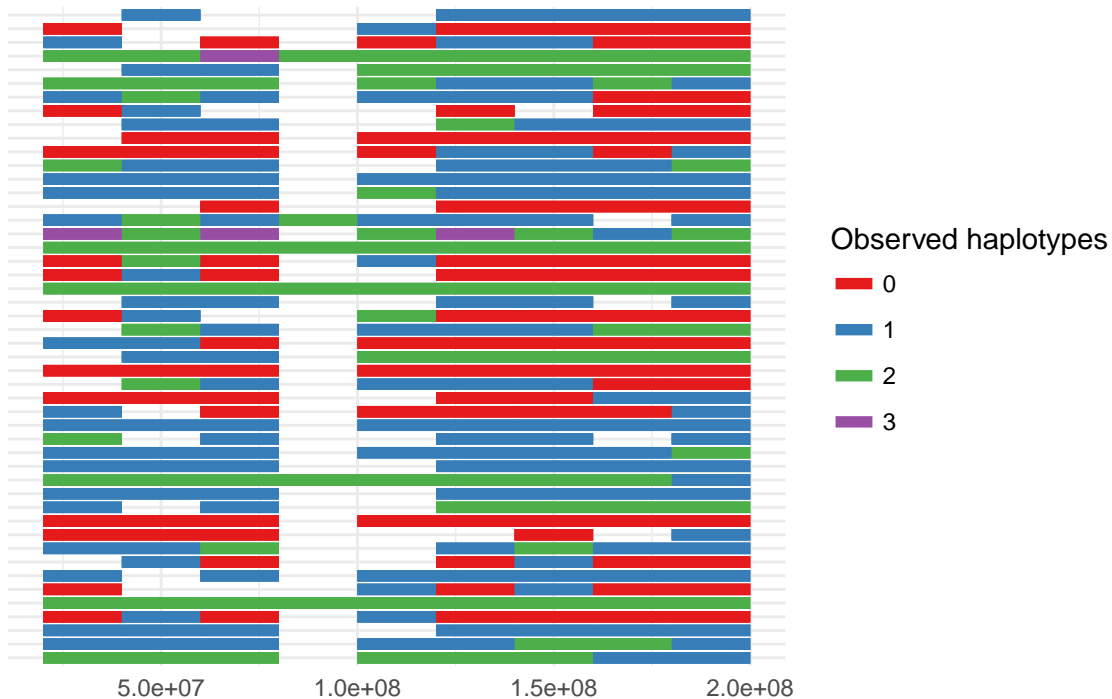
1.5e+08



BFL 13 HanXRQChr04 10MB window haplotypescount



BFL 13 HanXRQChr05 10MB window haplotypescount



BFL 13 HanXRQChr06 10MB window haplotypescount

Observed haplotypes

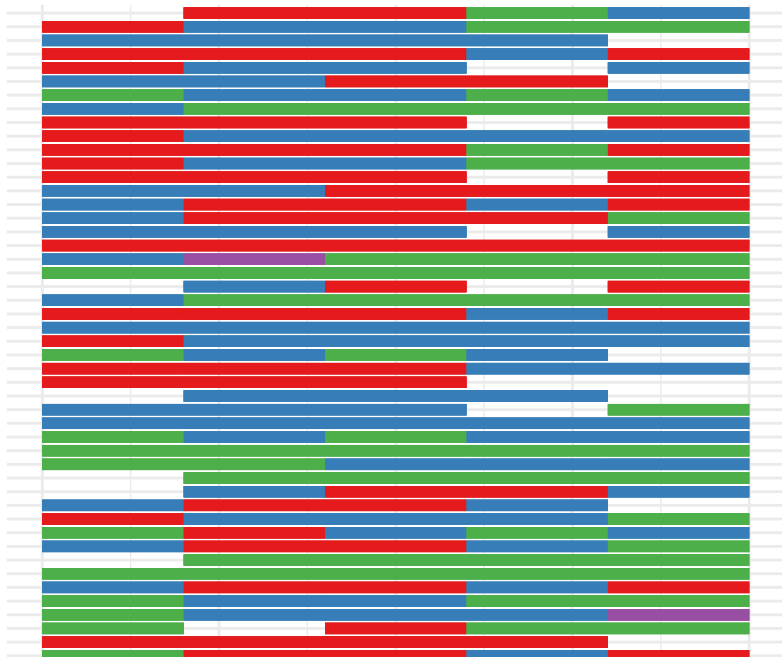
0

1

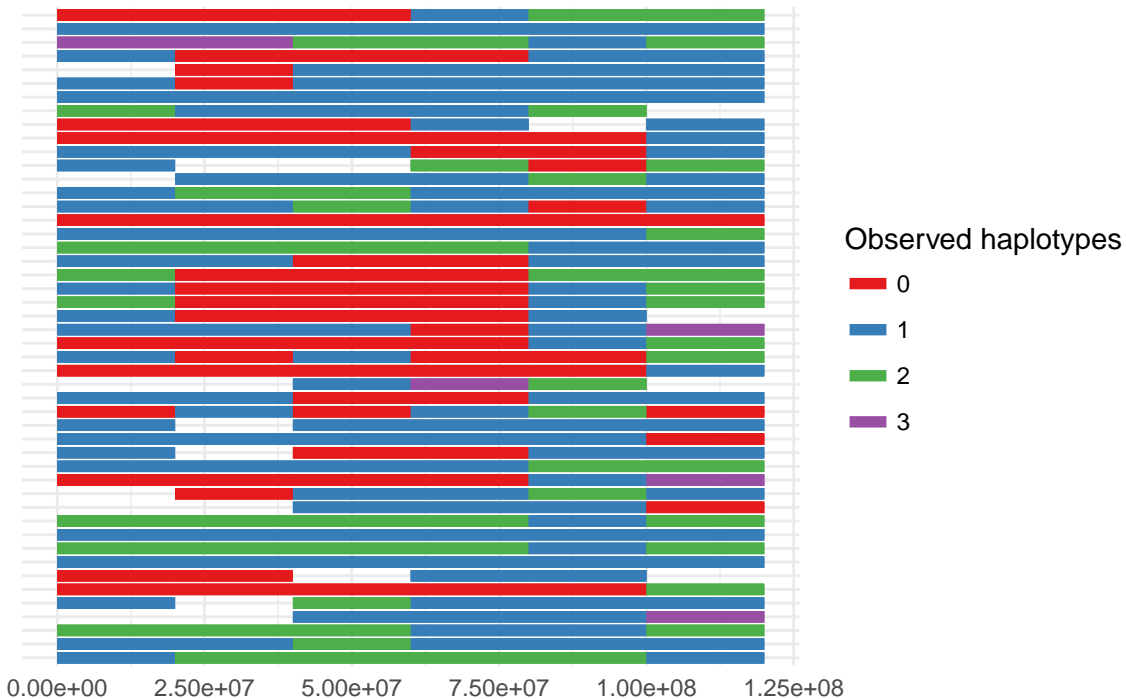
2

3

0.0e+00 2.5e+07 5.0e+07 7.5e+07 1.0e+08



BFL 13 HanXRQChr07 10MB window haplotypescount



BFL 13 HanXRQChr08 10MB window haplotypescount

Observed haplotypes

0

1

2

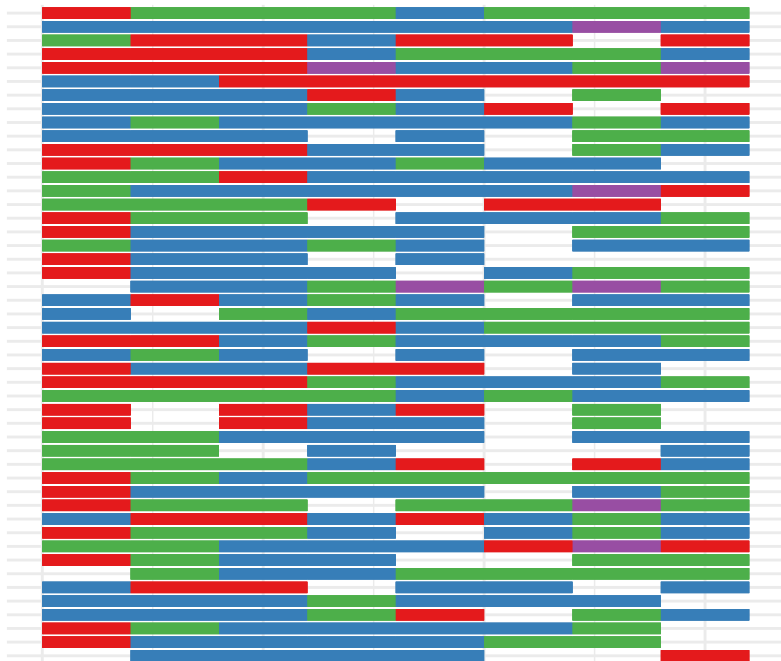
3

0.0e+00

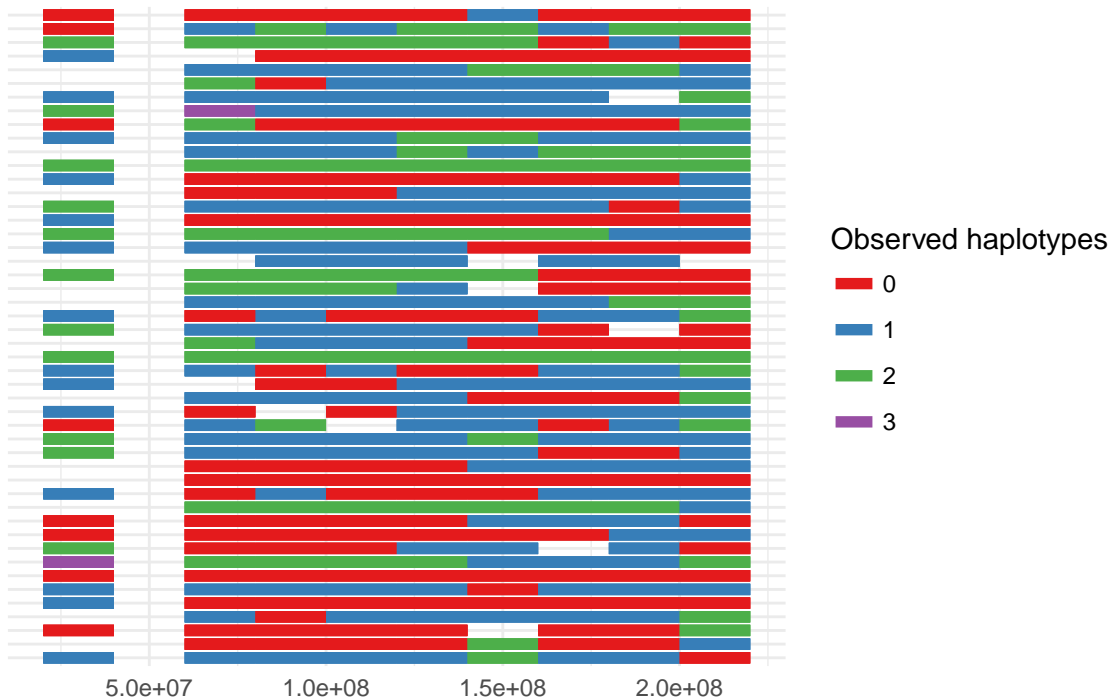
5.0e+07

1.0e+08

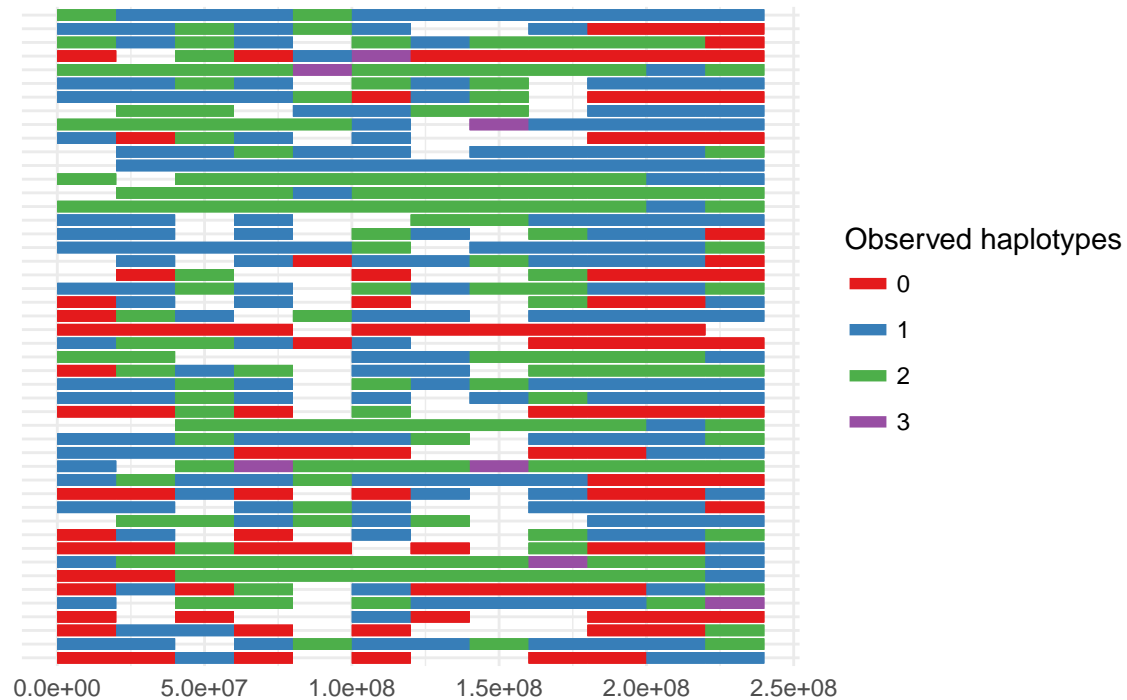
1.5e+08



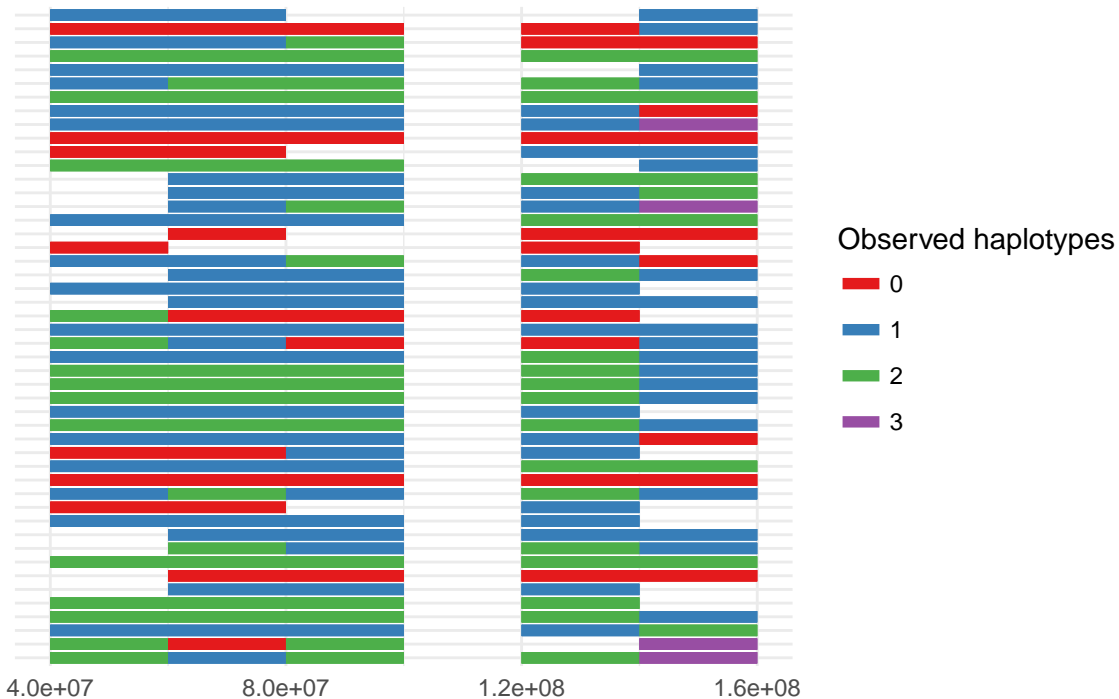
BFL 13 HanXRQChr09 10MB window haplotypescount



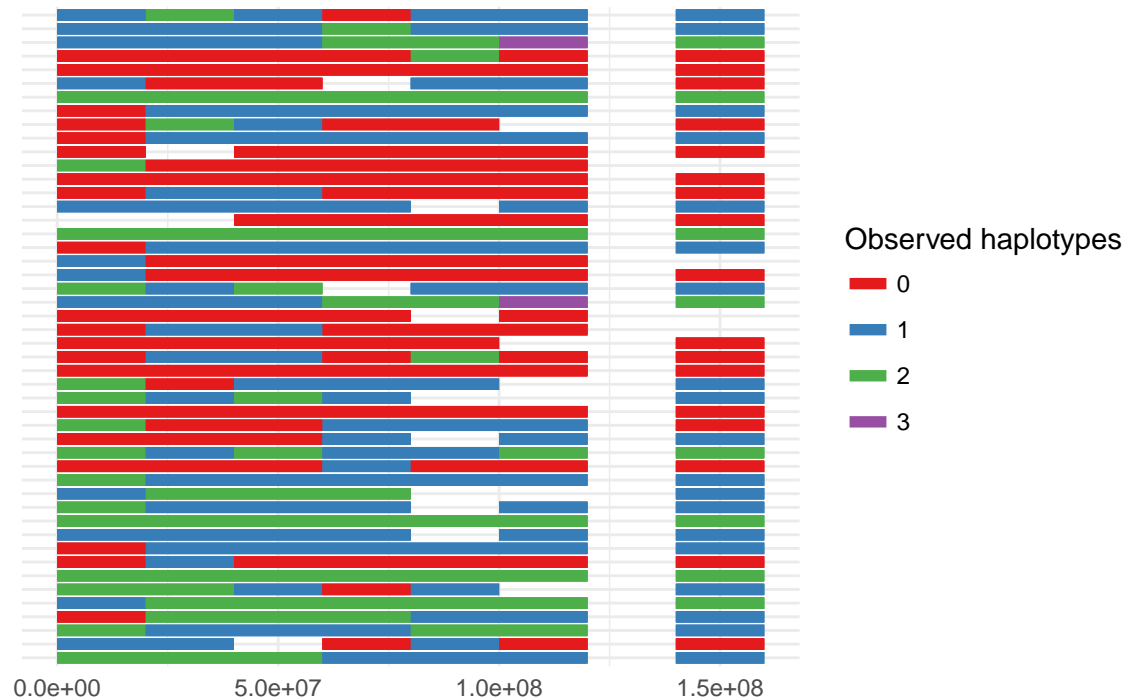
BFL 13 HanXRQChr10 10MB window haplotypescount



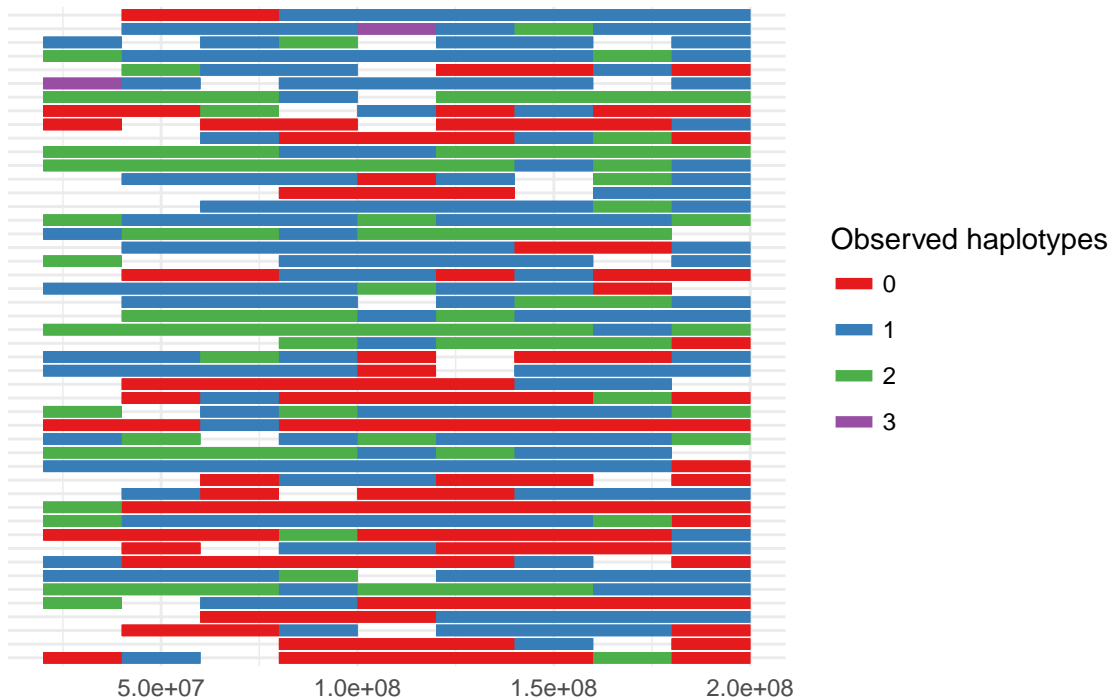
BFL 13 HanXRQChr11 10MB window haplotypescount



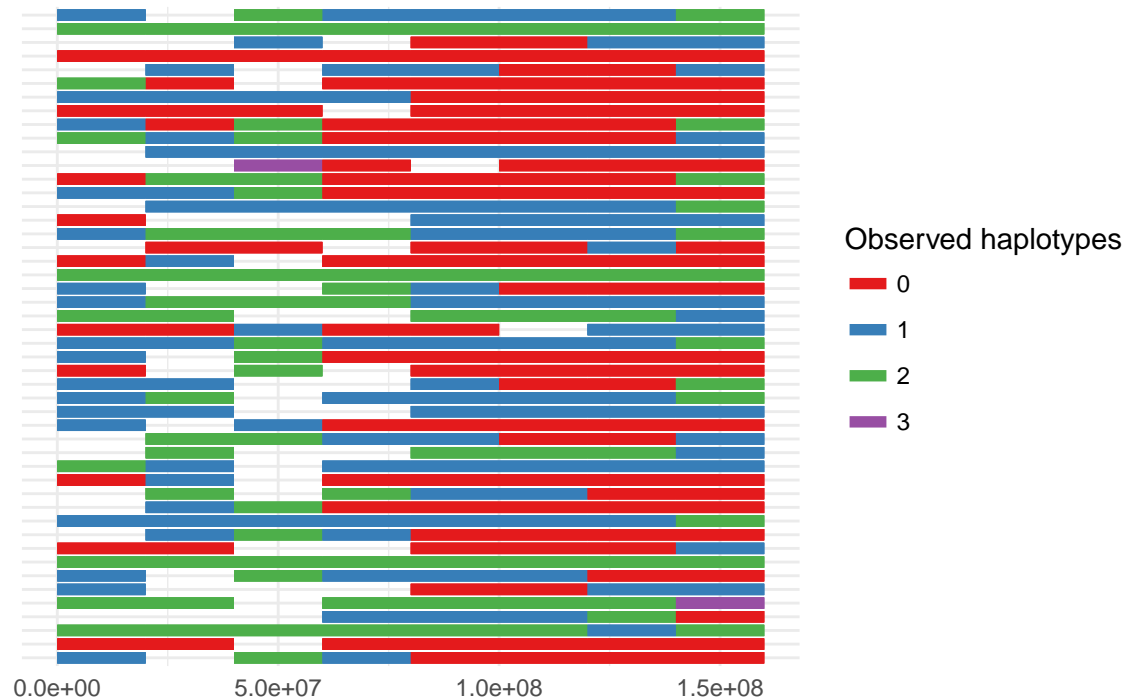
BFL 13 HanXRQChr12 10MB window haplotypescount



BFL 13 HanXRQChr13 10MB window haplotypescount



BFL 13 HanXRQChr14 10MB window haplotypescount



BFL 13 HanXRQChr15 10MB window haplotypescount

Observed haplotypes

0

1

2

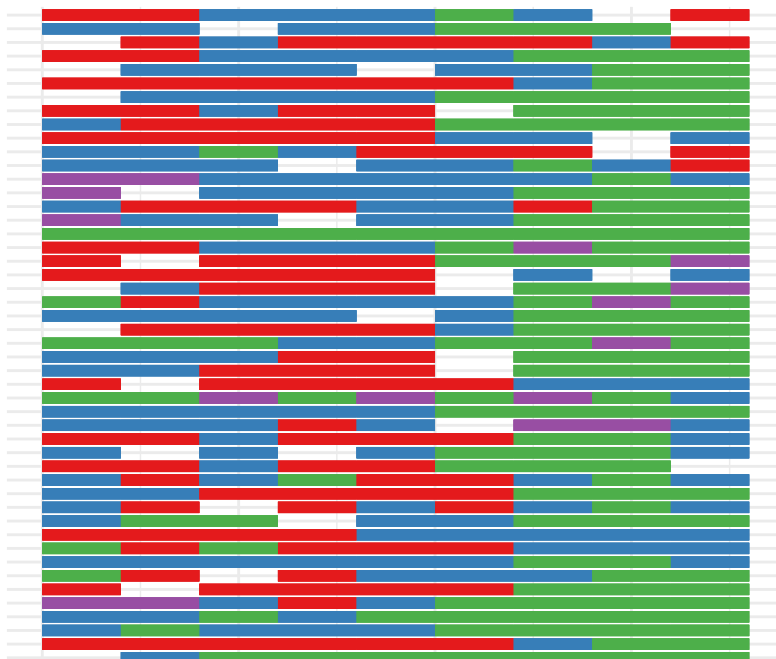
3

0.0e+00

5.0e+07

1.0e+08

1.5e+08



BFL 13 HanXRQChr16 10MB window haplotypescount

Observed haplotypes

0

1

2

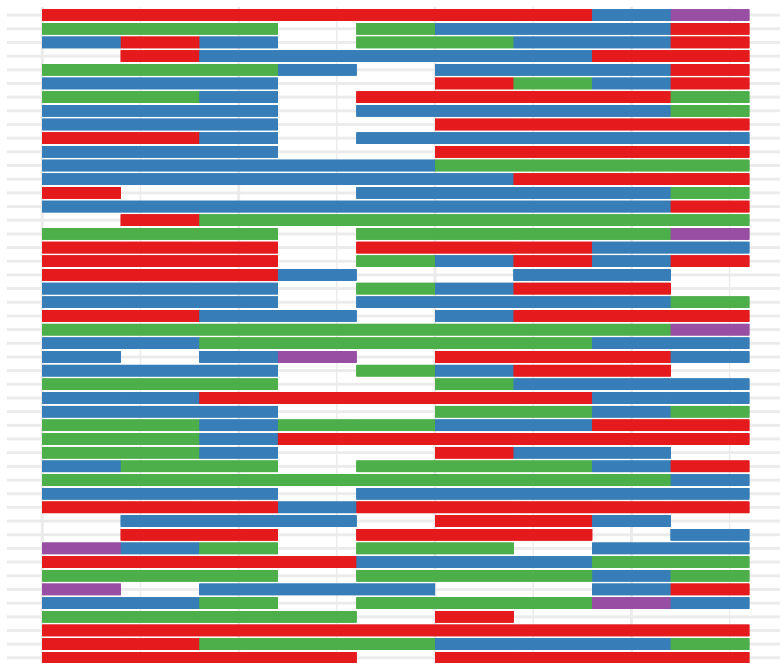
3

0.0e+00

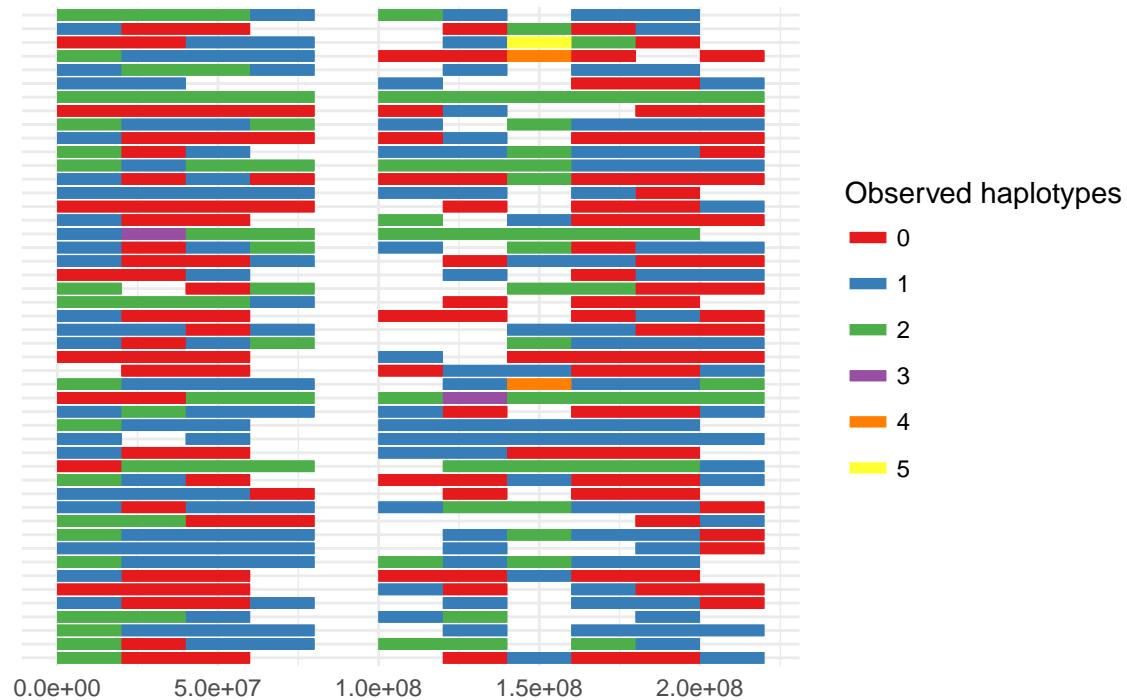
5.0e+07

1.0e+08

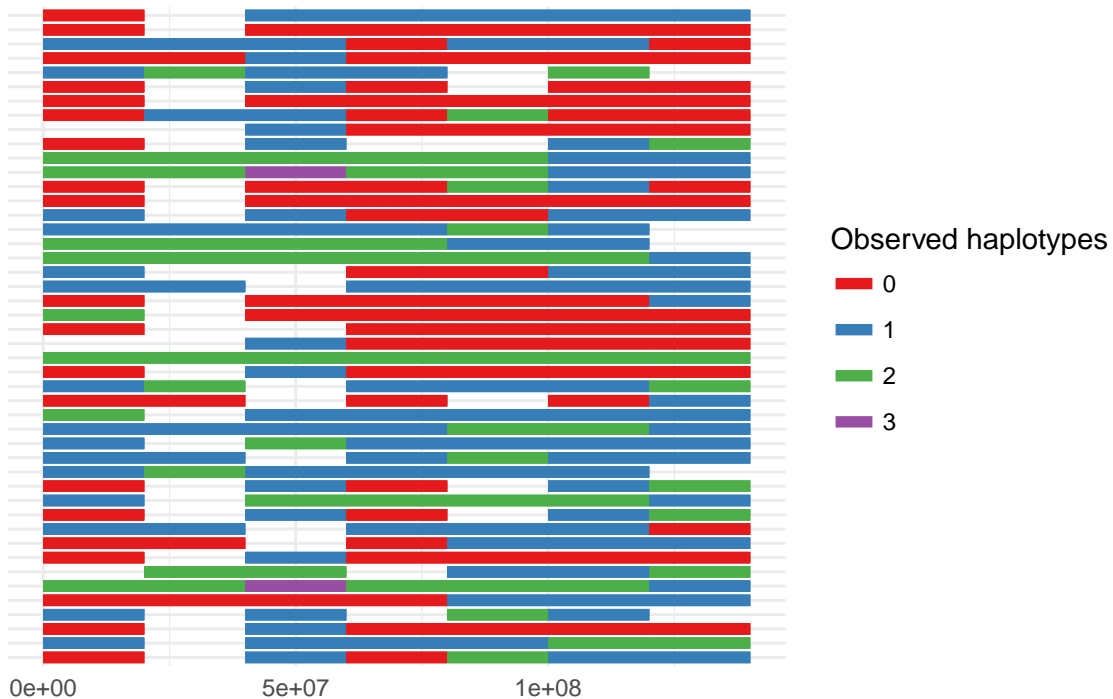
1.5e+08



BFL 13 HanXRQChr17 10MB window haplotypescount



BFL 14 HanXRQChr01 10MB window haplotypescount



BFL 14 HanXRQChr02 10MB window haplotypescount

Observed haplotypes

0

1

2

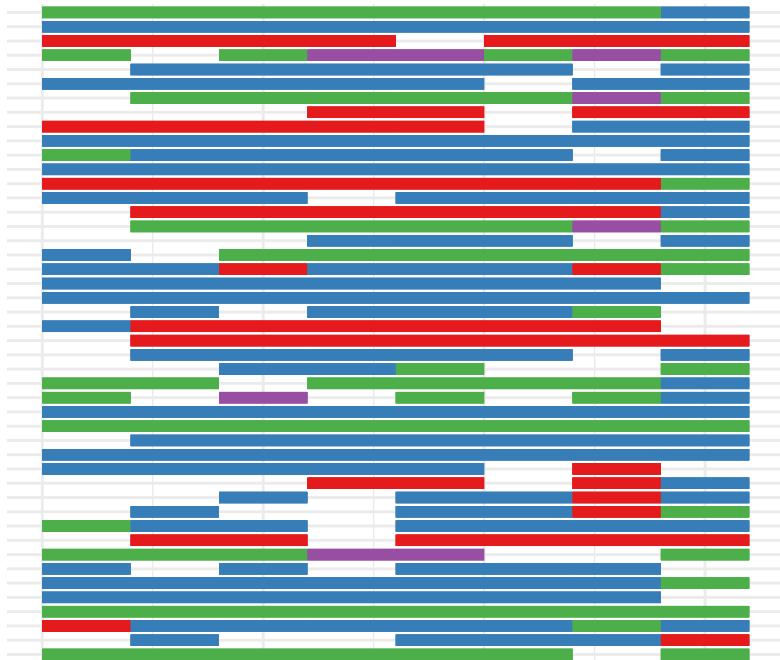
3

0.0e+00

5.0e+07

1.0e+08

1.5e+08



BFL 14 HanXRQChr03 10MB window haplotypescount

Observed haplotypes

0

1

2

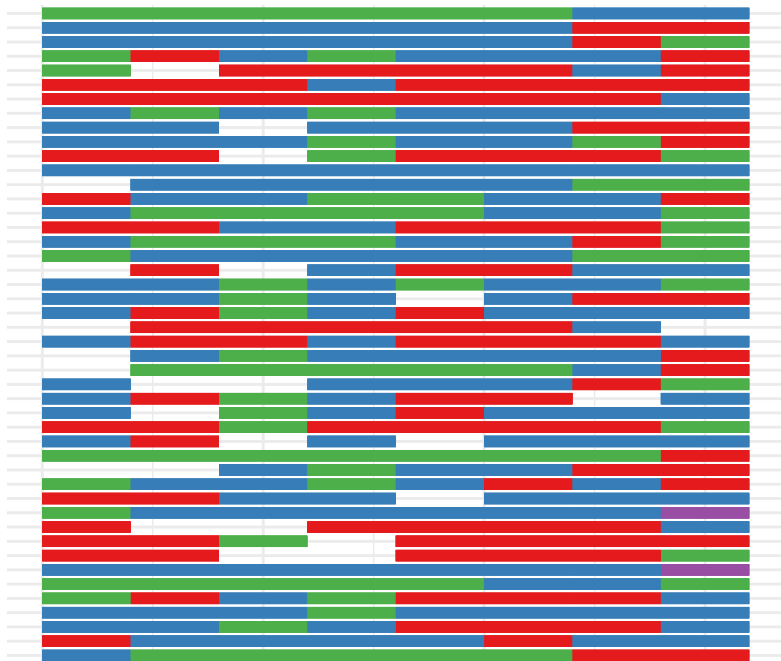
3

0.0e+00

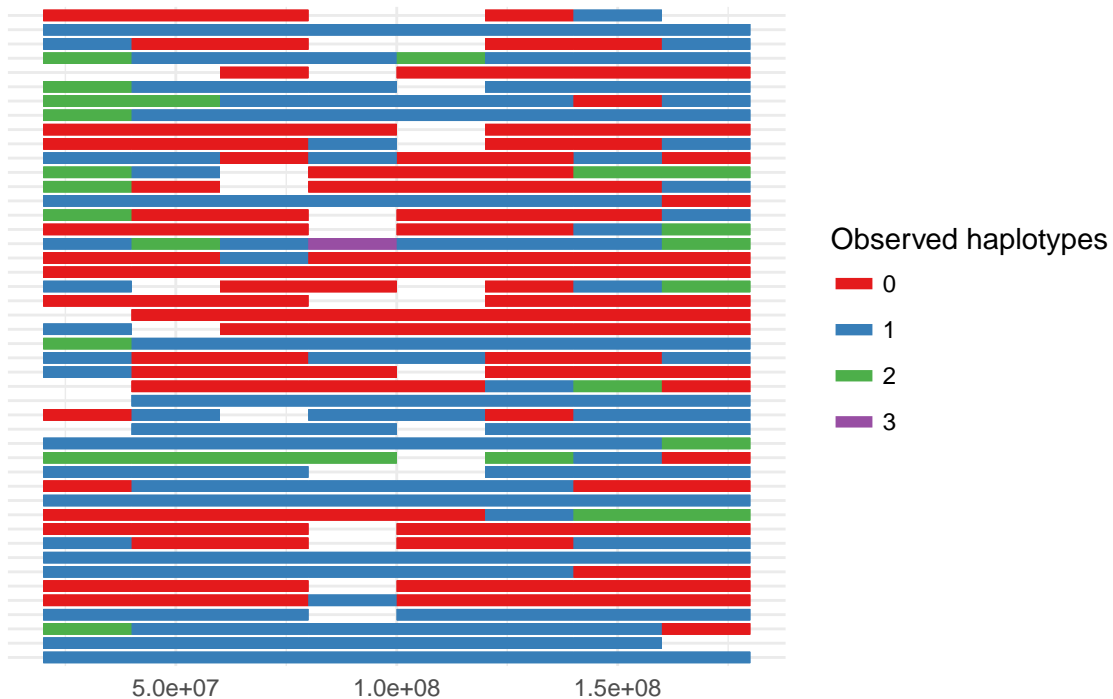
5.0e+07

1.0e+08

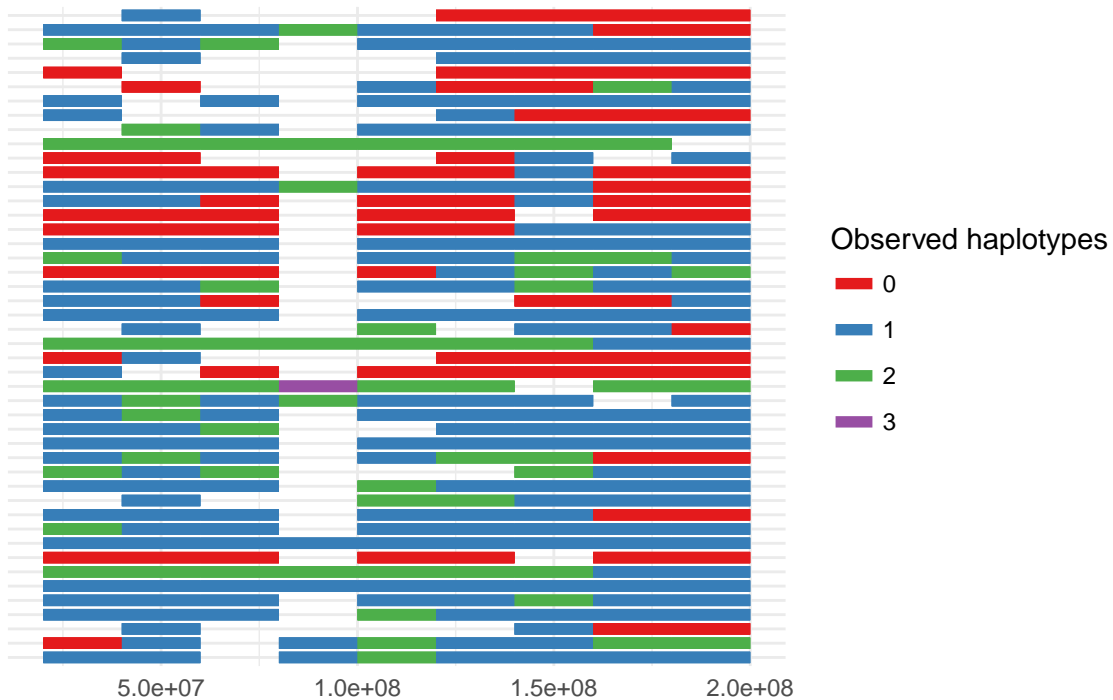
1.5e+08



BFL 14 HanXRQChr04 10MB window haplotypescount



BFL 14 HanXRQChr05 10MB window haplotypescount



BFL 14 HanXRQChr06 10MB window haplotypescount

Observed haplotypes

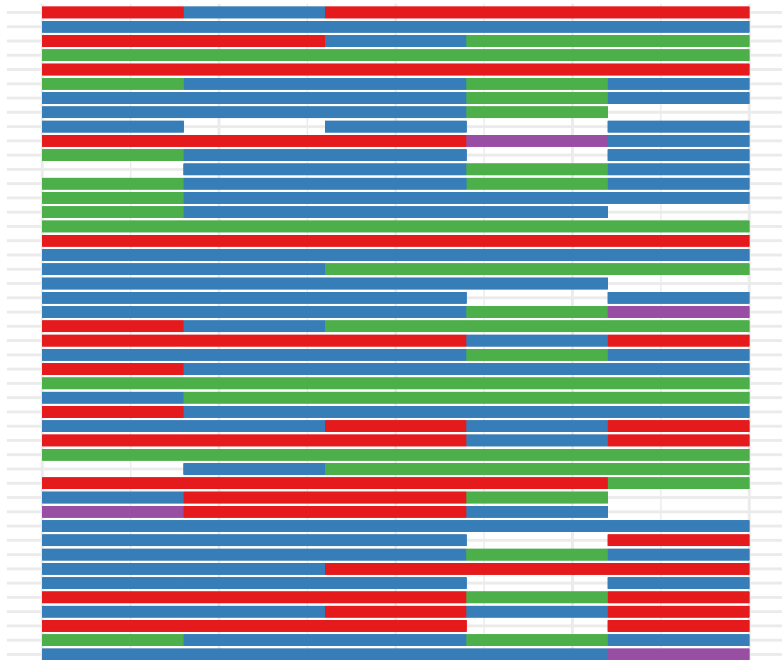
0

1

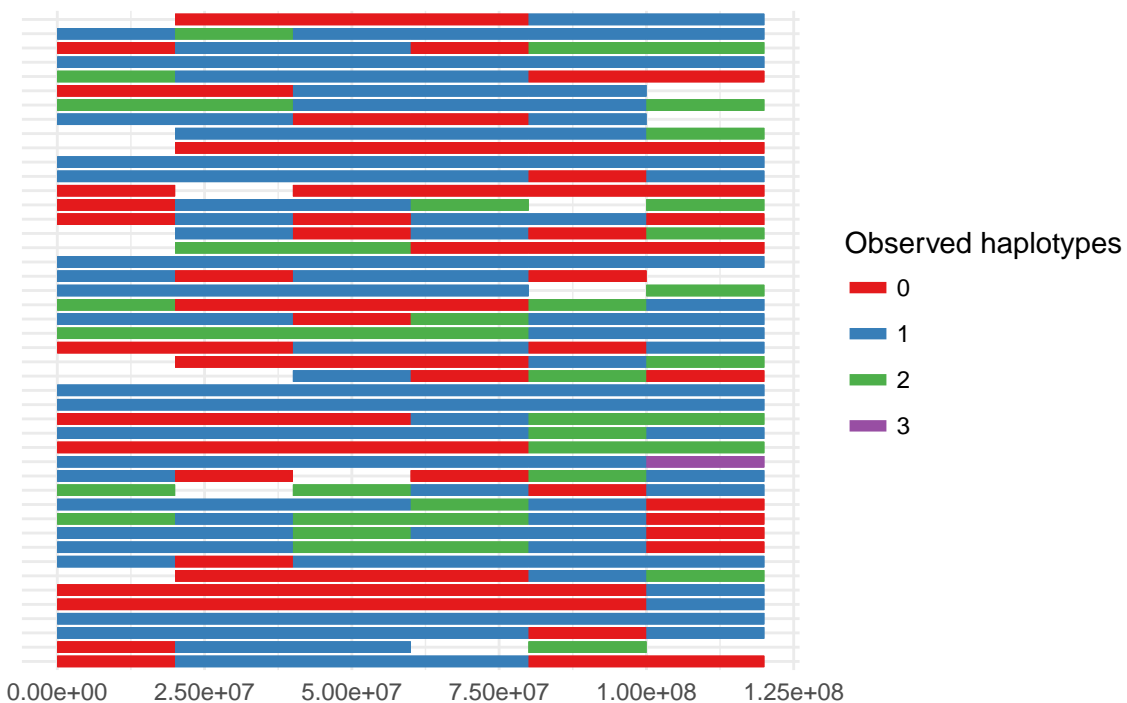
2

3

0.0e+00 2.5e+07 5.0e+07 7.5e+07 1.0e+08



BFL 14 HanXRQChr07 10MB window haplotypescount



BFL 14 HanXRQChr08 10MB window haplotypescount

Observed haplotypes

0

1

2

3

0.0e+00

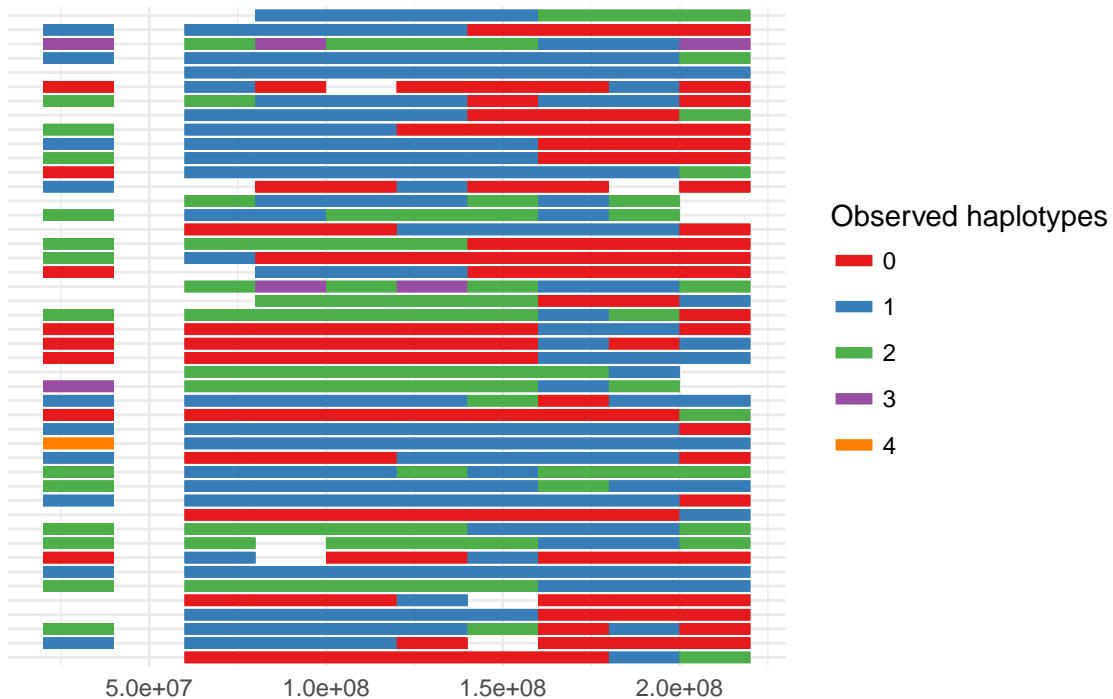
5.0e+07

1.0e+08

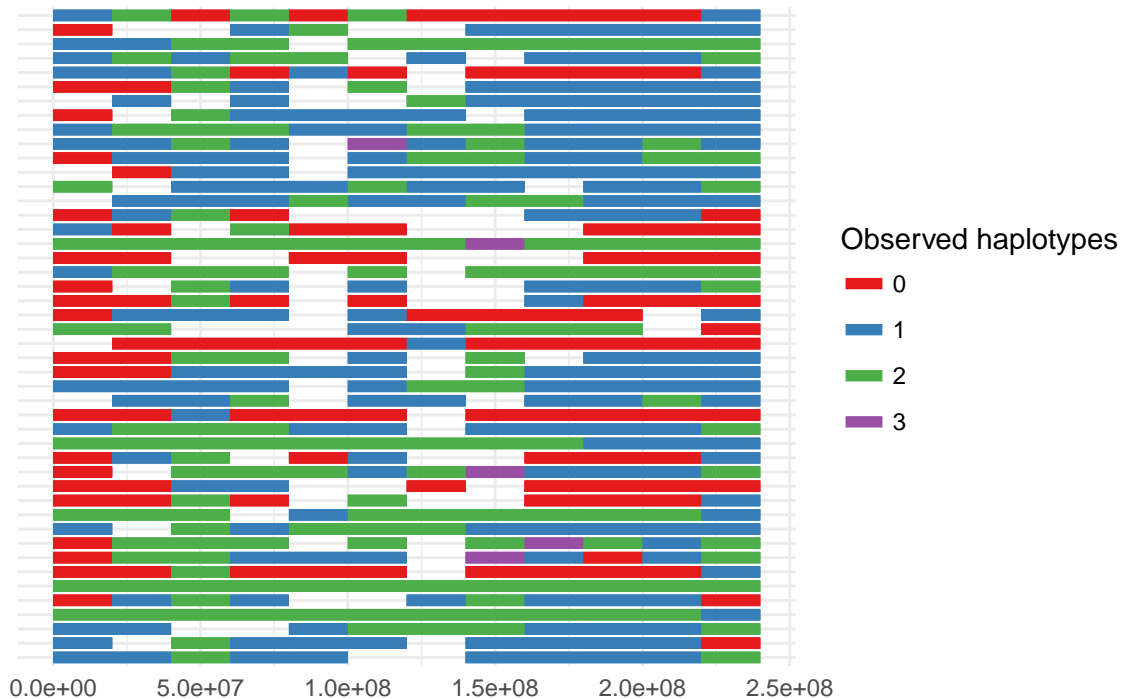
1.5e+08



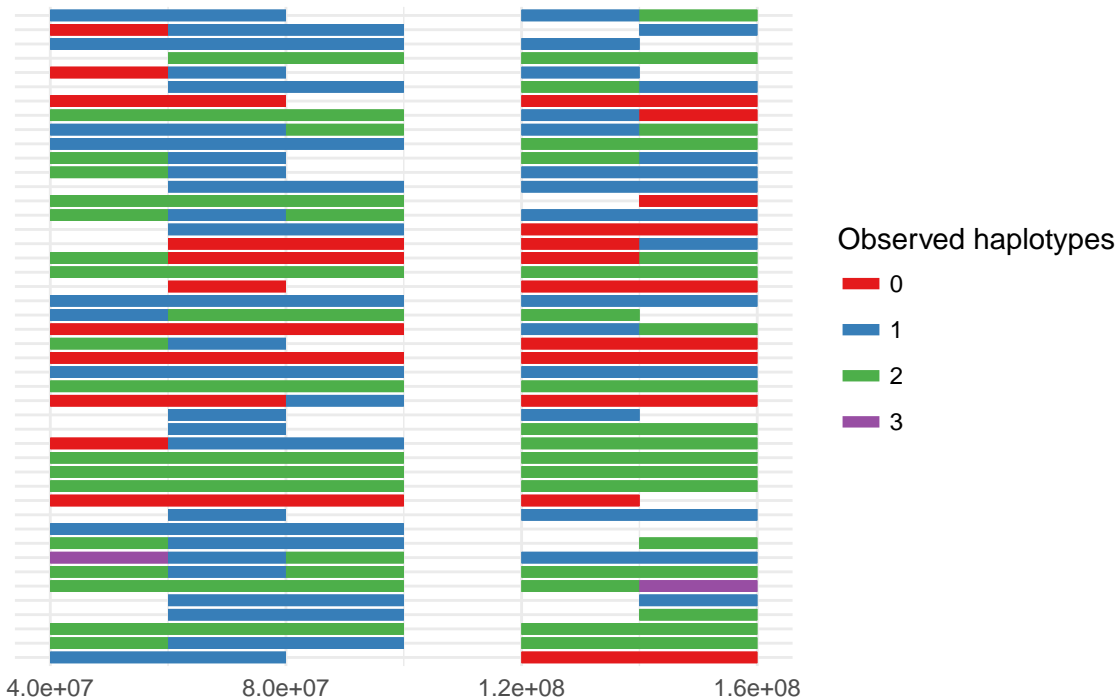
BFL 14 HanXRQChr09 10MB window haplotypescount



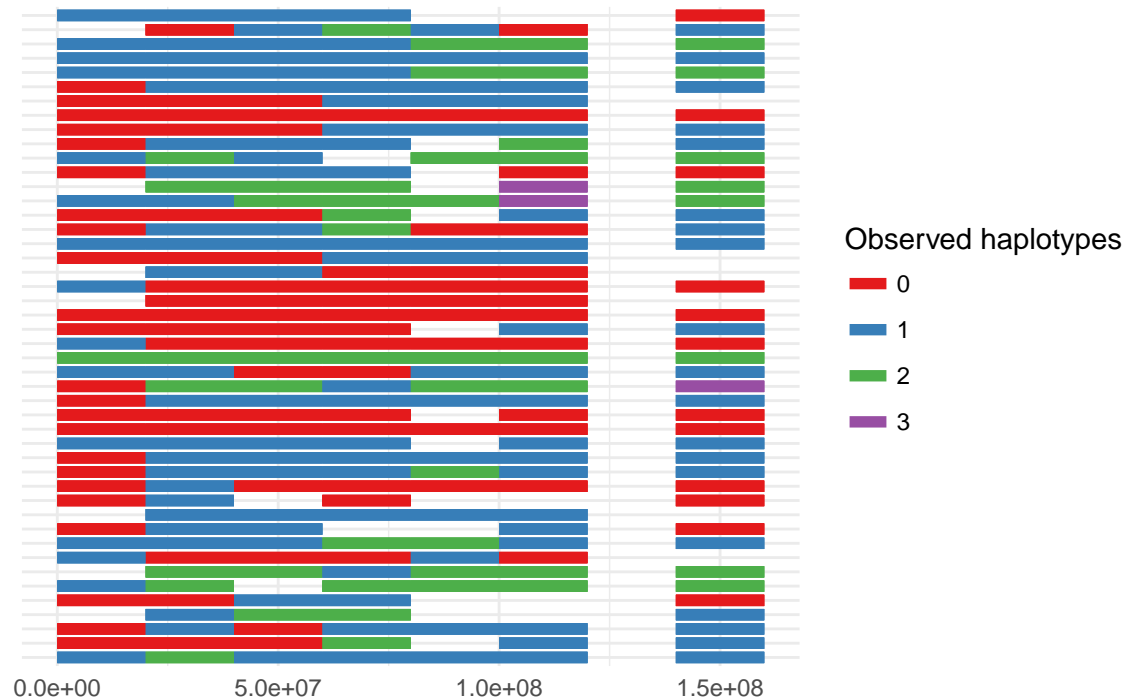
BFL 14 HanXRQChr10 10MB window haplotypescount



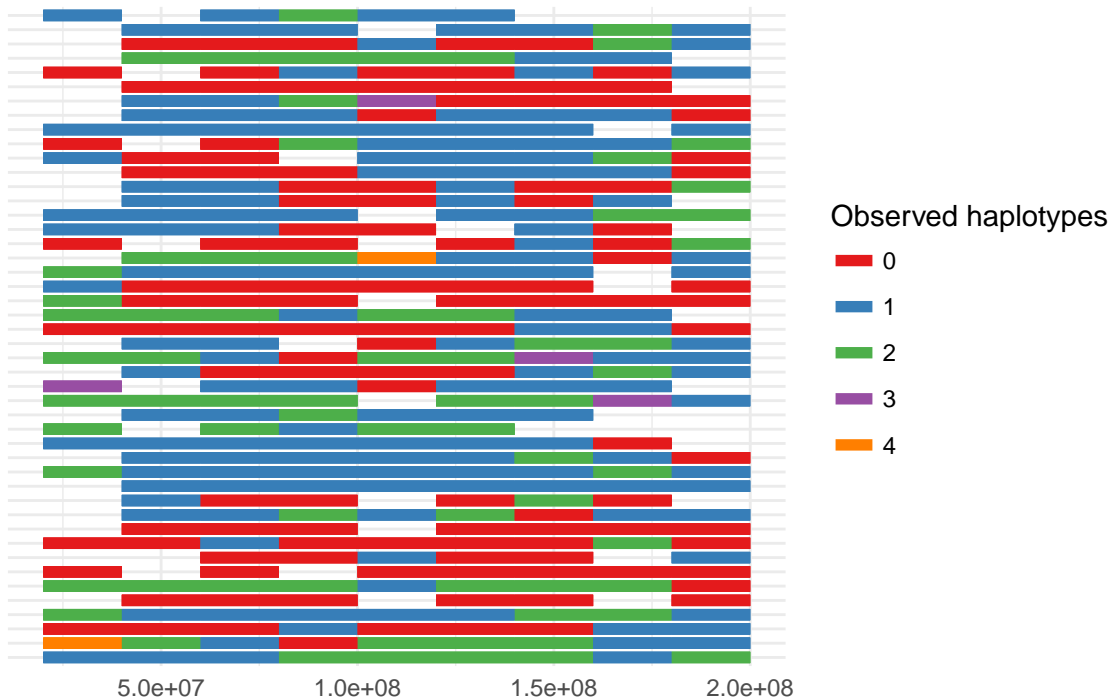
BFL 14 HanXRQChr11 10MB window haplotypescount



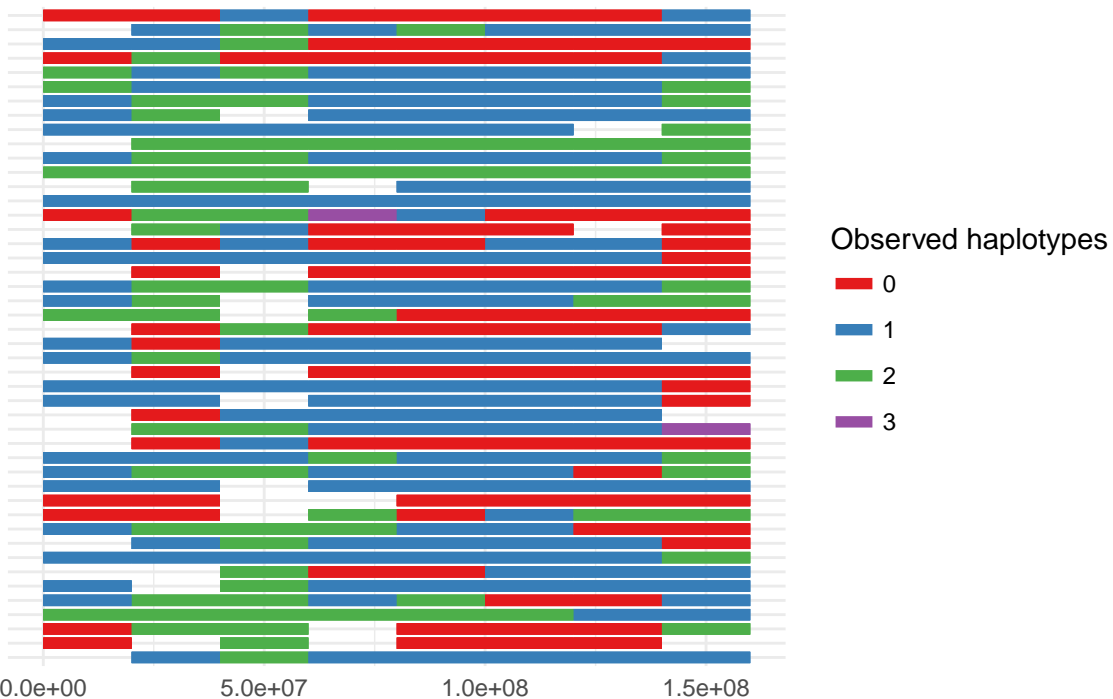
BFL 14 HanXRQChr12 10MB window haplotypescount



BFL 14 HanXRQChr13 10MB window haplotypescount



BFL 14 HanXRQChr14 10MB window haplotypescount



BFL 14 HanXRQChr15 10MB window haplotypescount

Observed haplotypes

0

1

2

3

0.0e+00

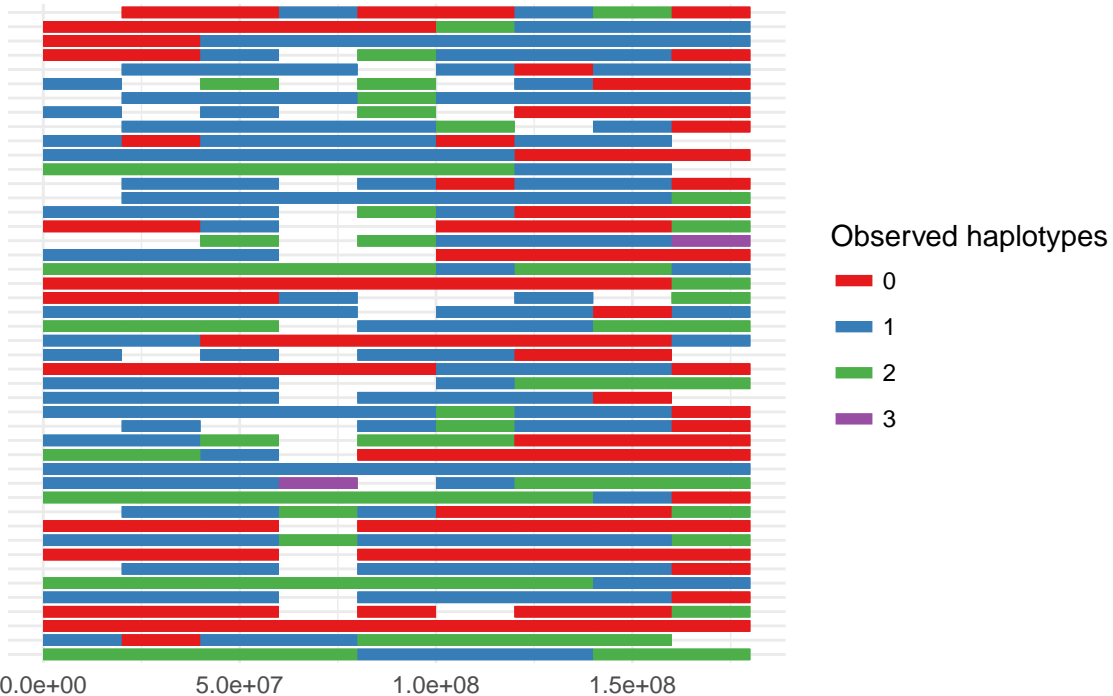
5.0e+07

1.0e+08

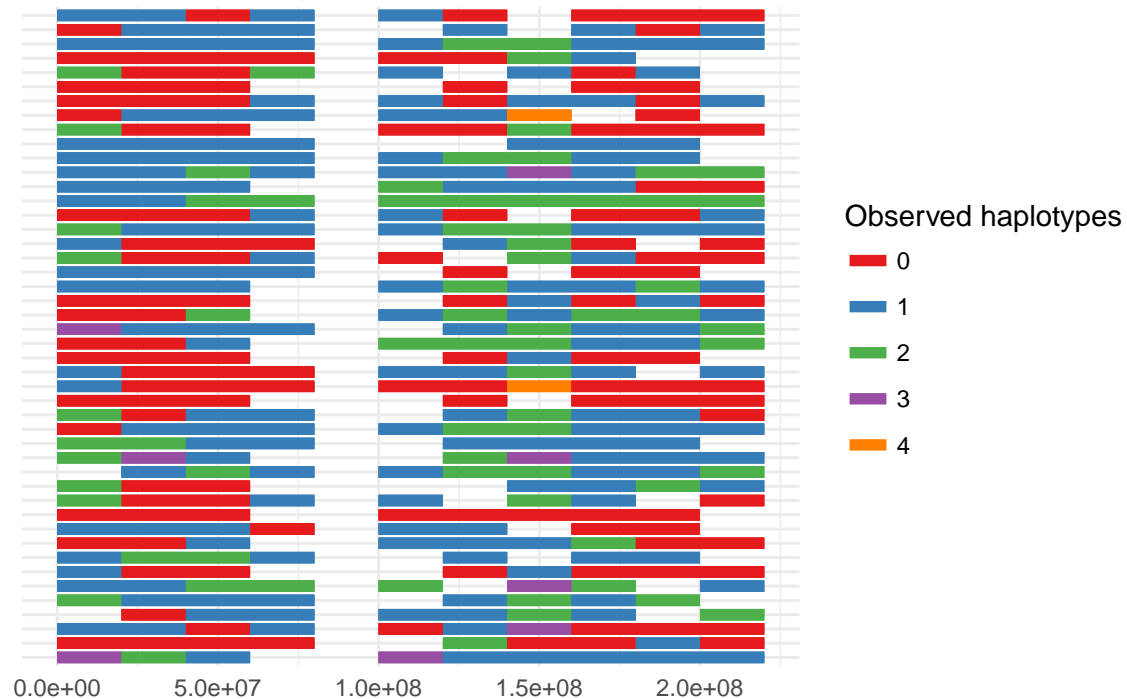
1.5e+08



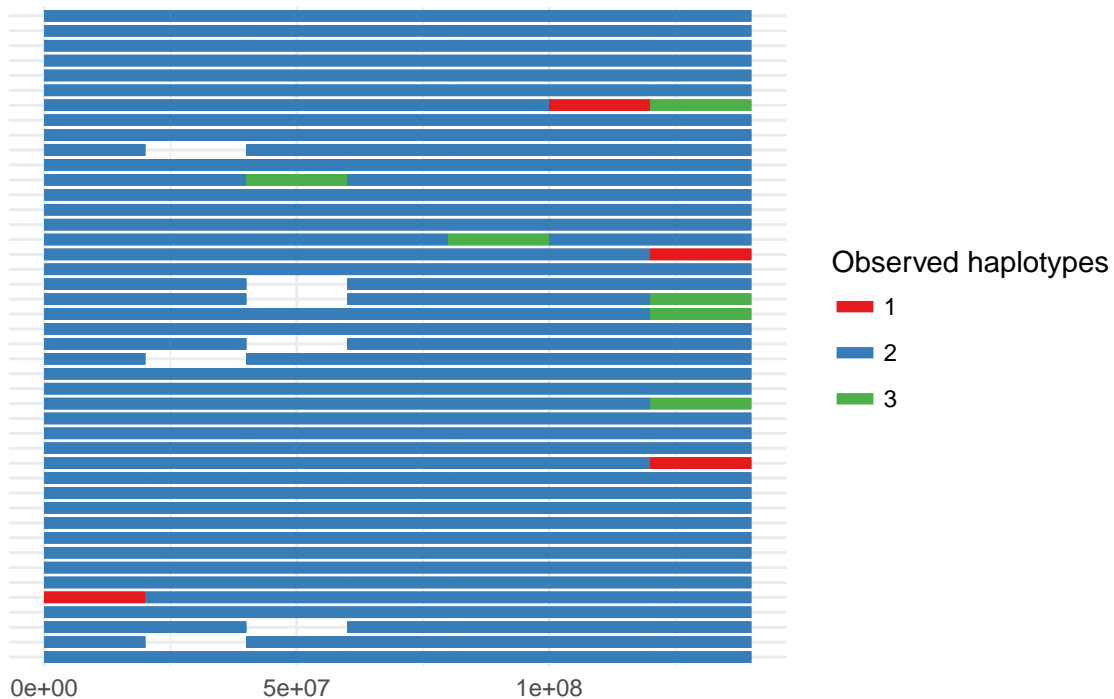
BFL 14 HanXRQChr16 10MB window haplotypescount



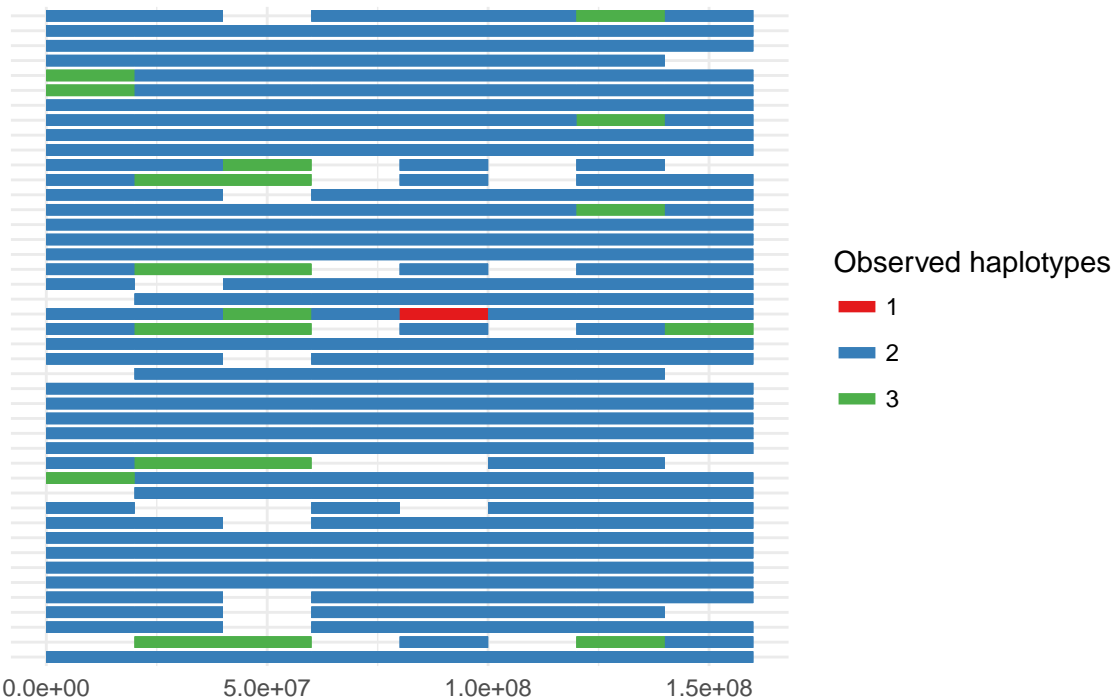
BFL 14 HanXRQChr17 10MB window haplotypescount



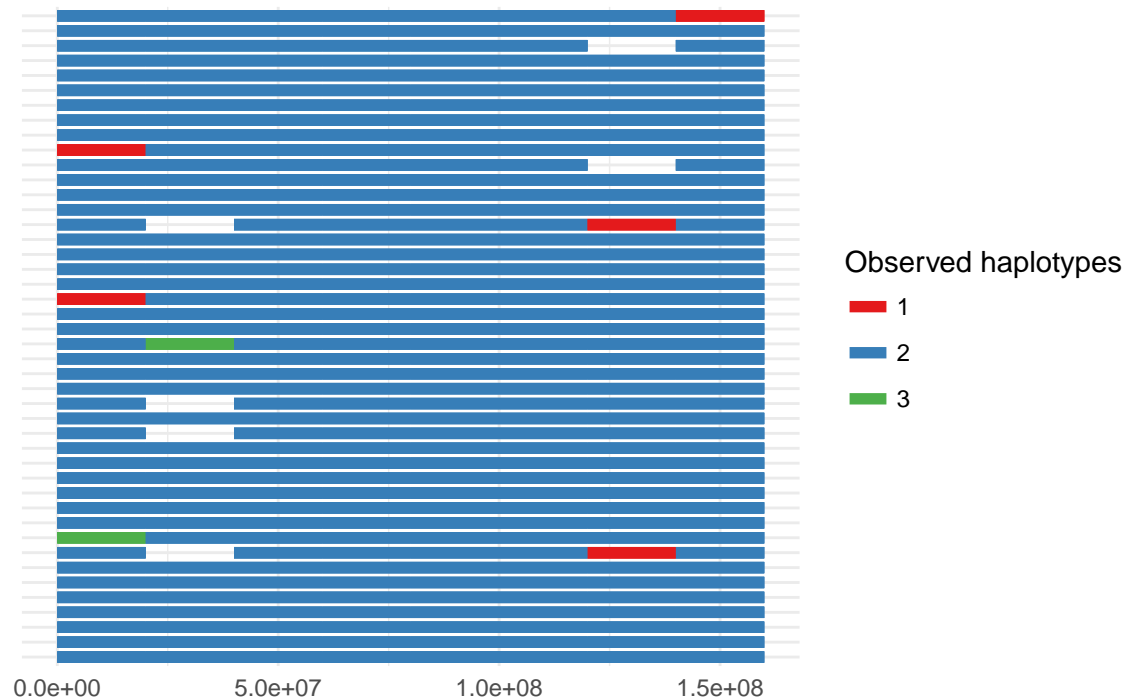
HCC 1 HanXRQChr01 10MB window haplotypecount



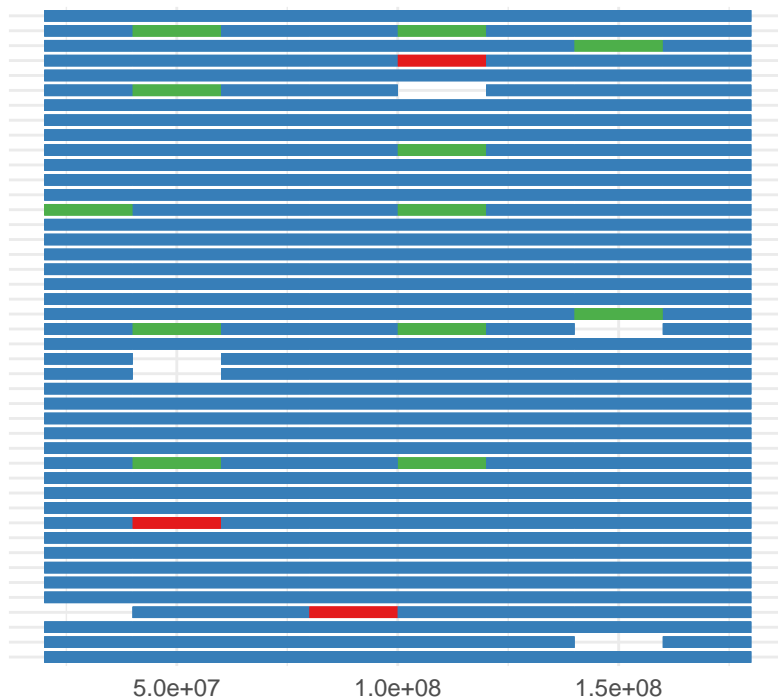
HCC 1 HanXRQChr02 10MB window haplotypecount



HCC 1 HanXRQChr03 10MB window haplotypecount



HCC 1 HanXRQChr04 10MB window haplotypecount



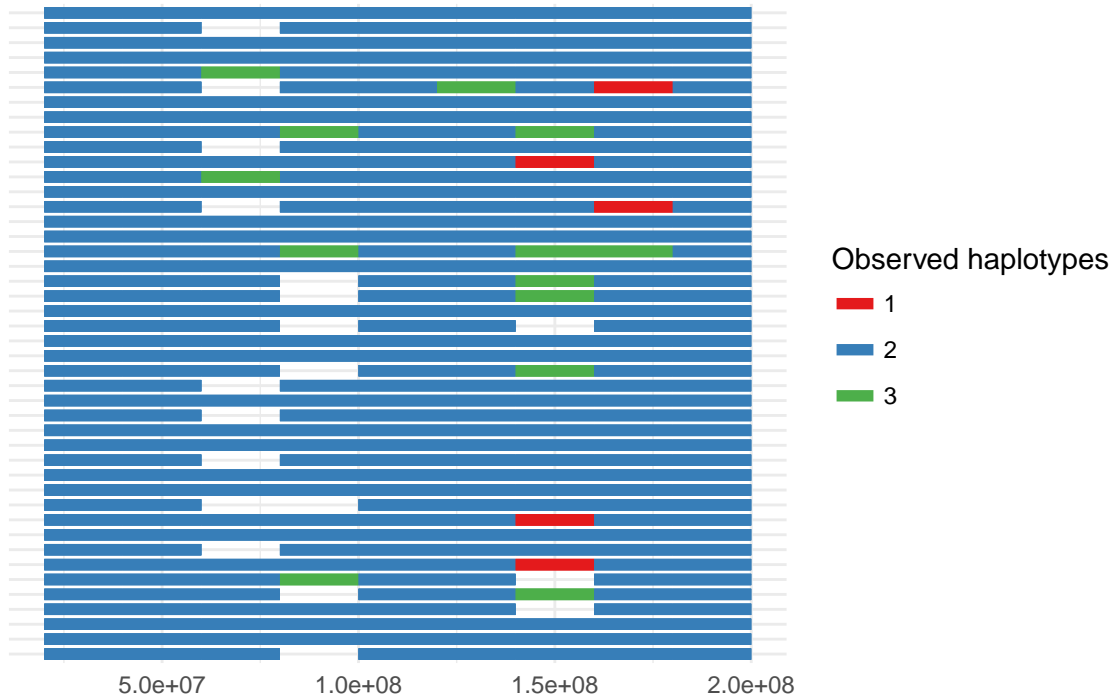
Observed haplotypes

1

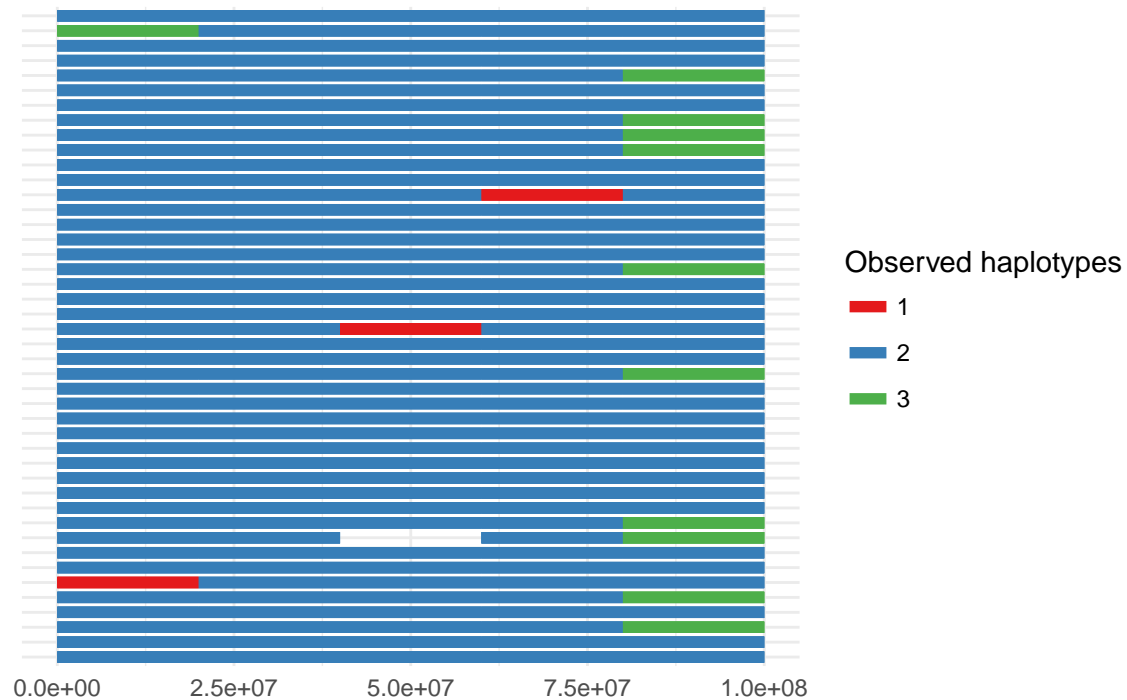
2

3

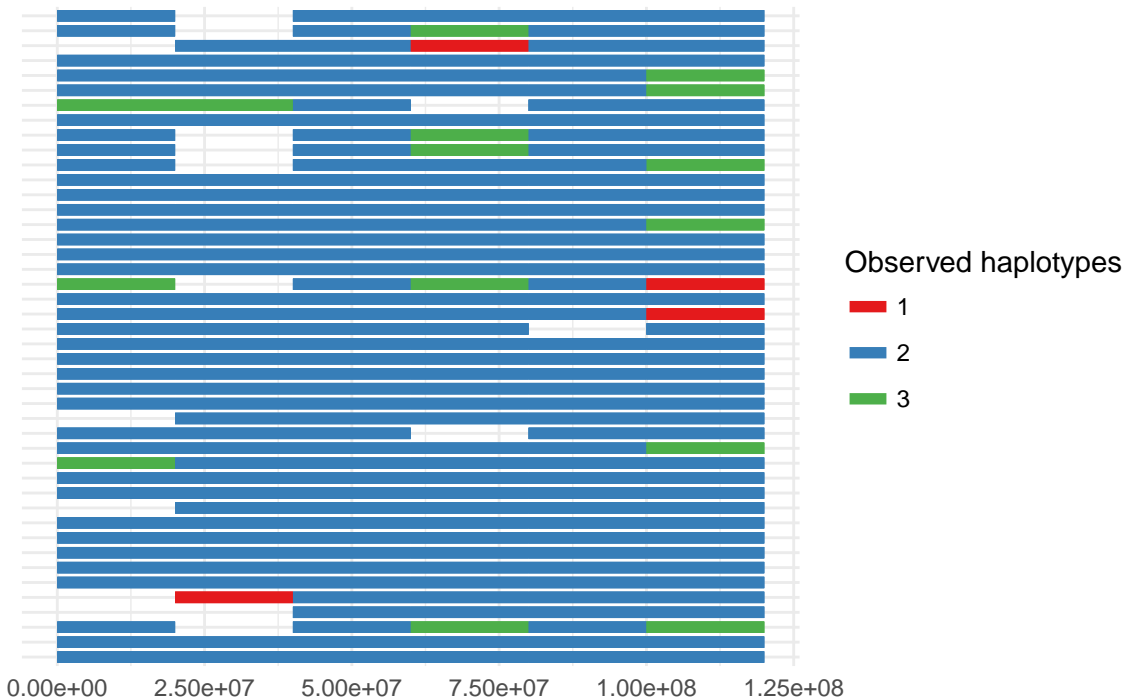
HCC 1 HanXRQChr05 10MB window haplotypecount



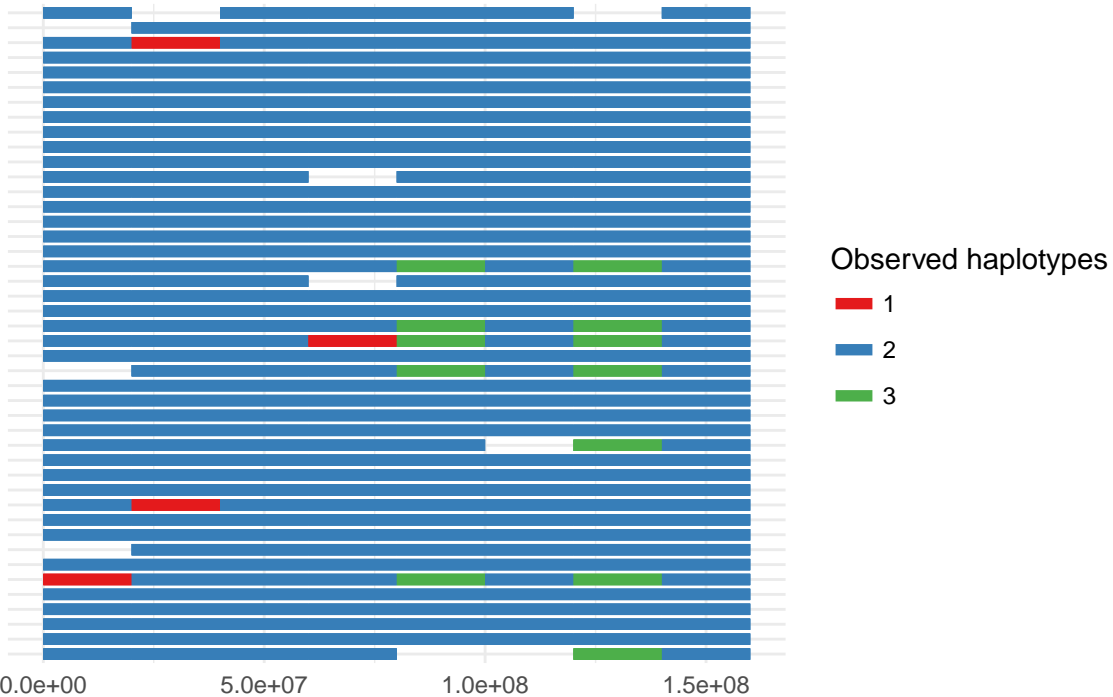
HCC 1 HanXRQChr06 10MB window haplotypecount



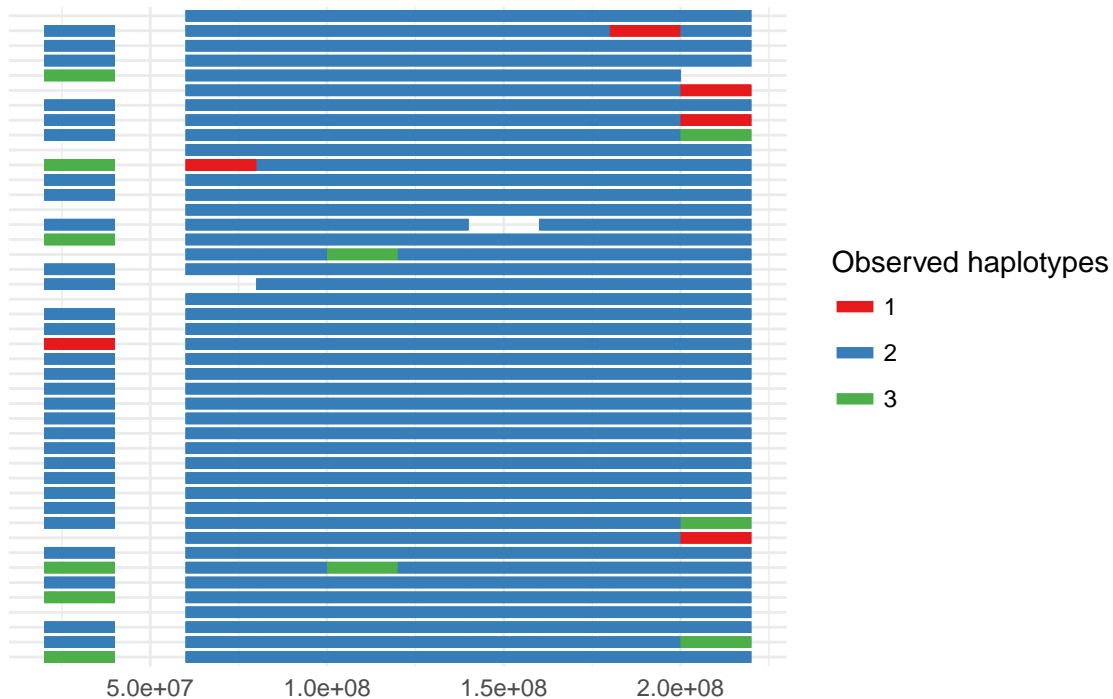
HCC 1 HanXRQChr07 10MB window haplotypescount



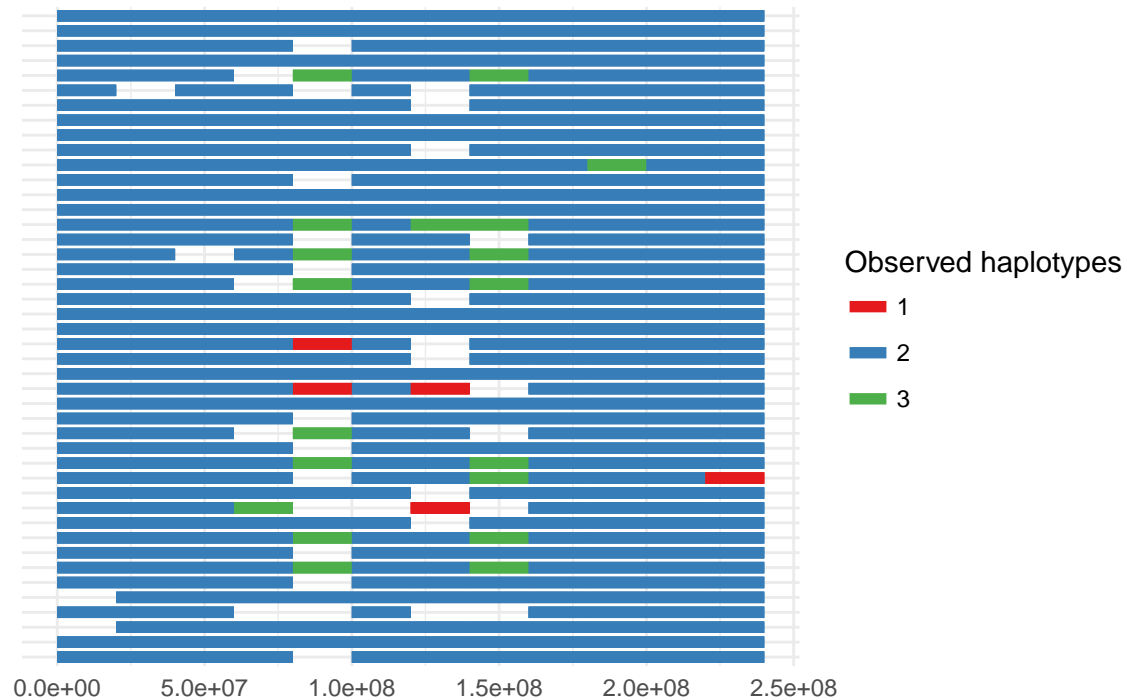
0.0e+00 5.0e+07 1.0e+08 1.5e+08



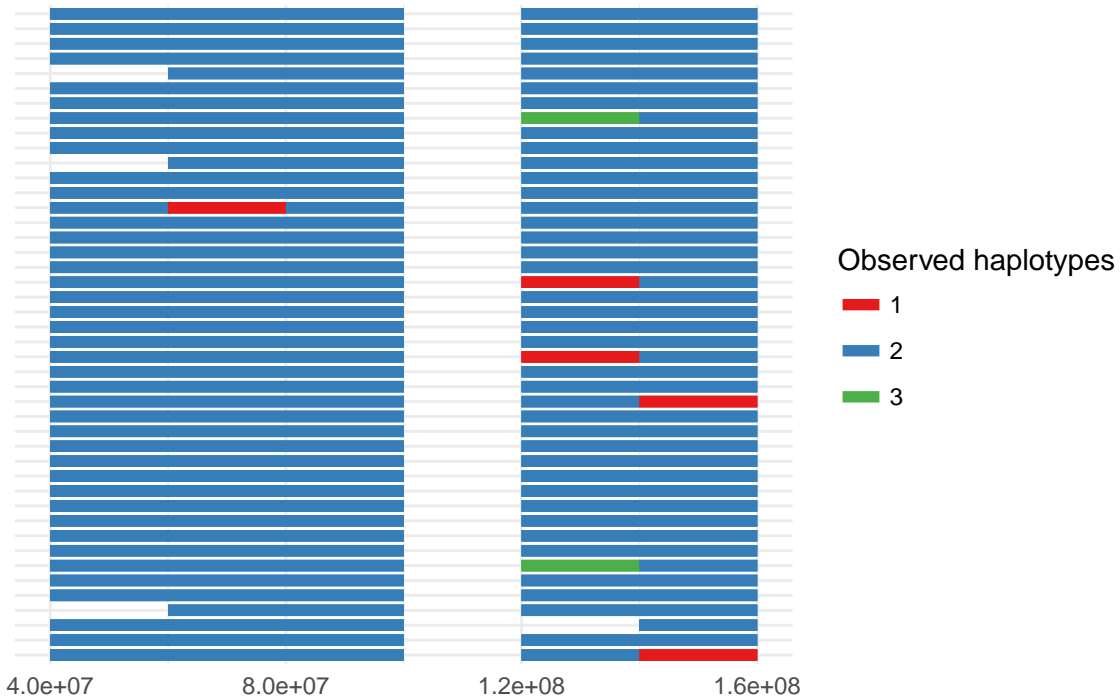
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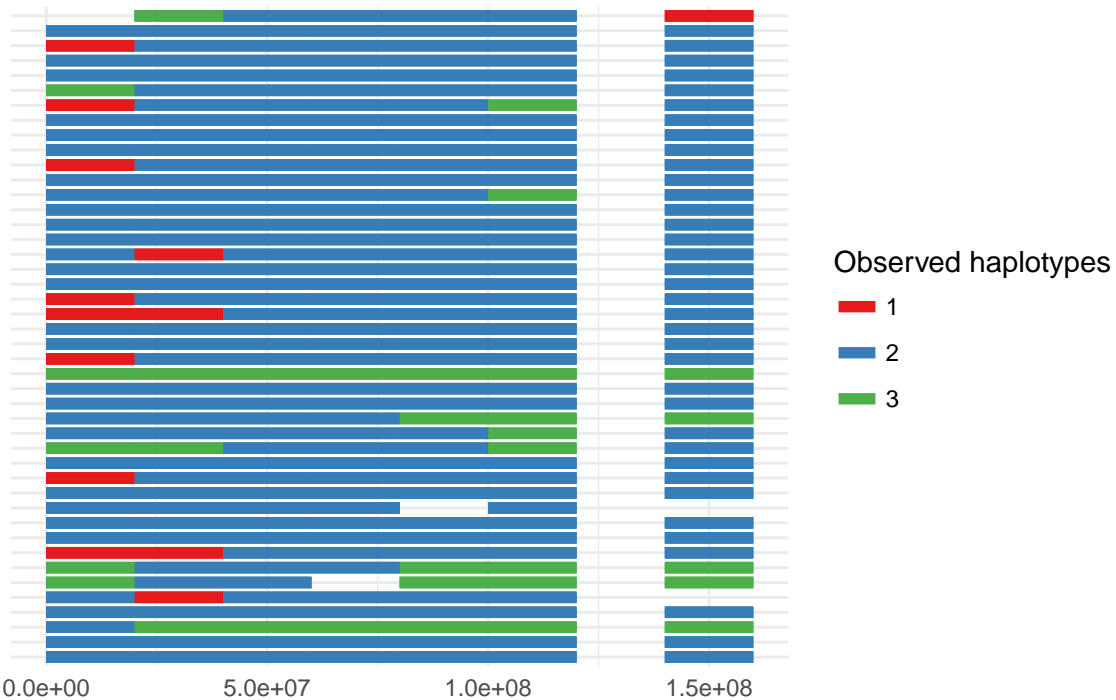
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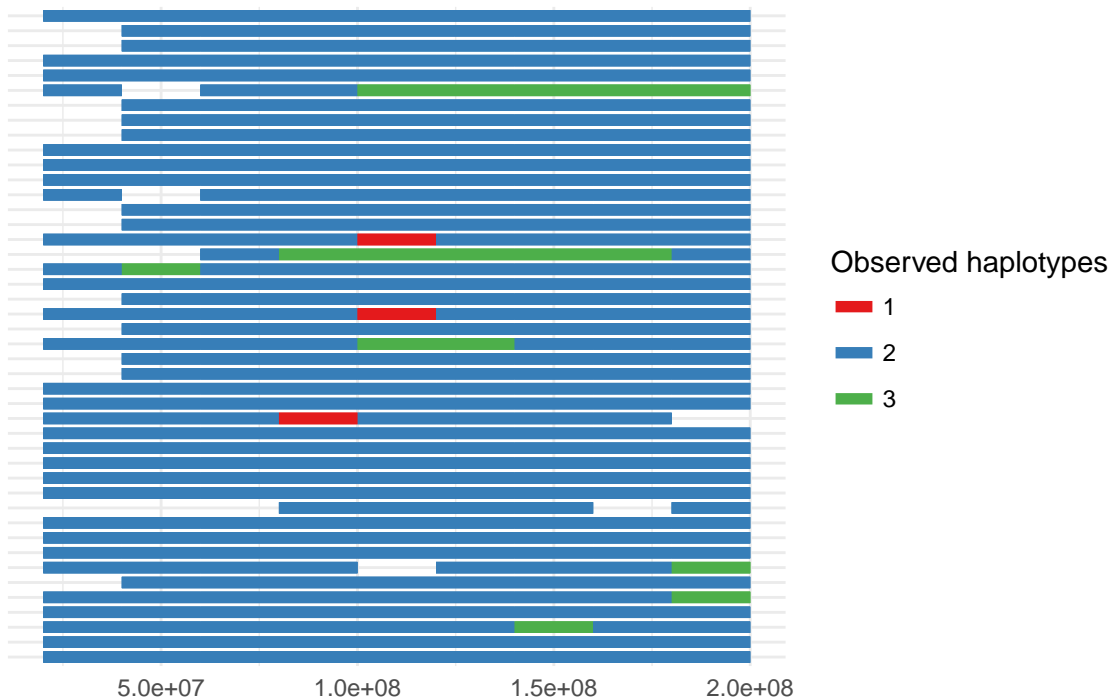
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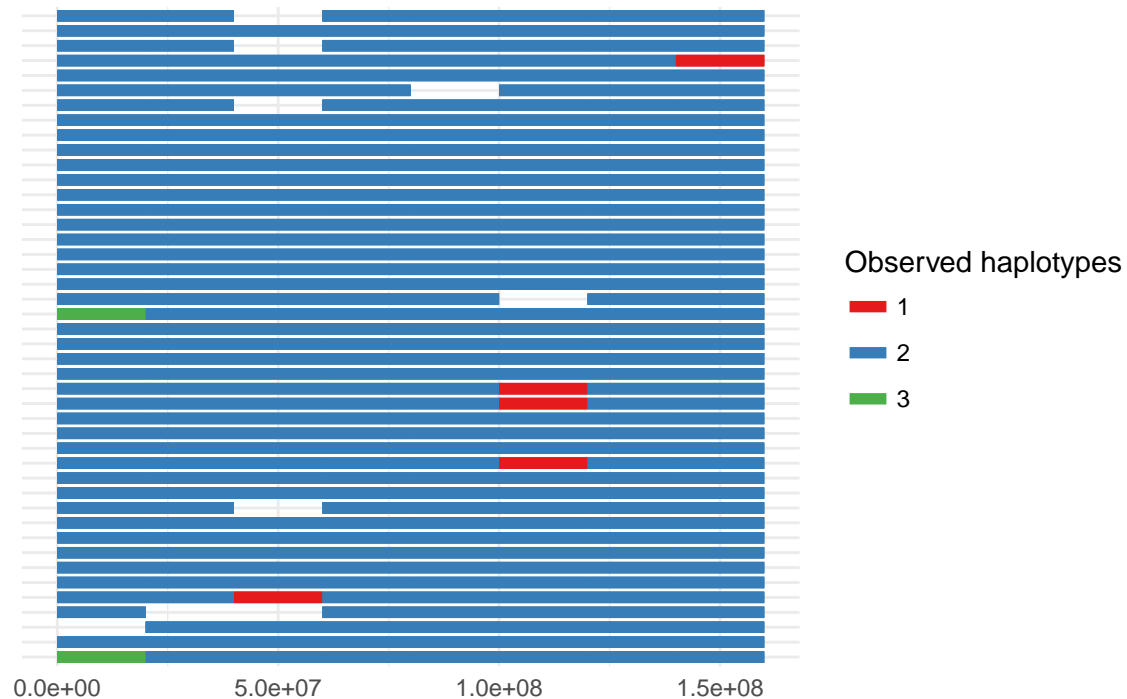
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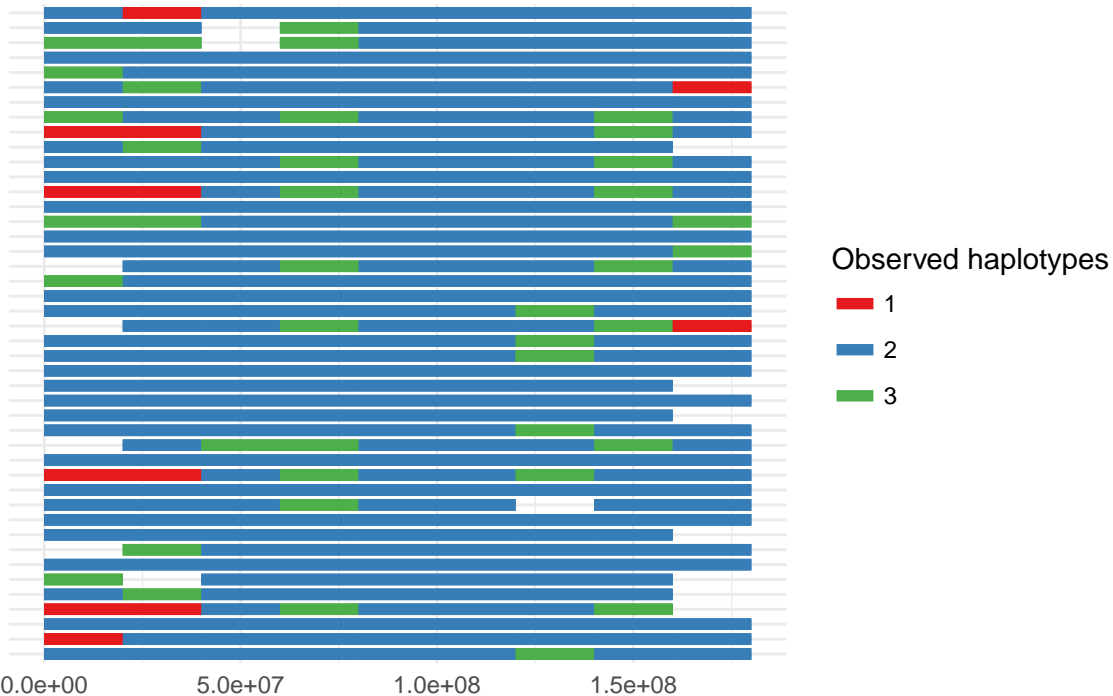
HCC 1 HanXRQChr13 10MB window haplotypecount



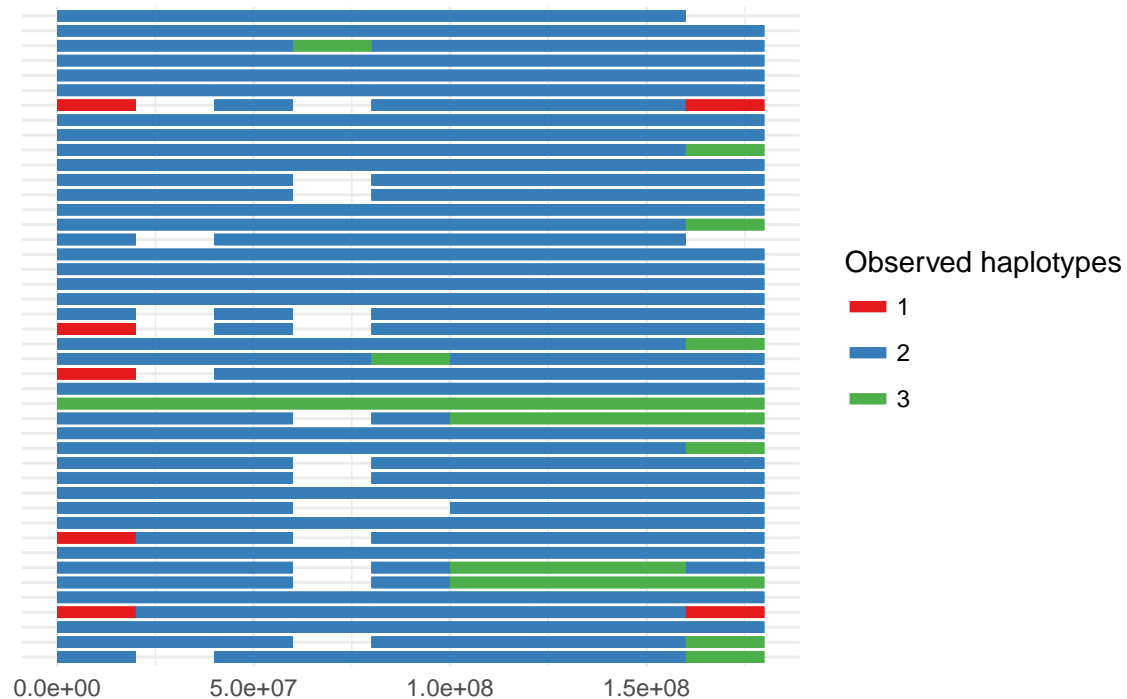
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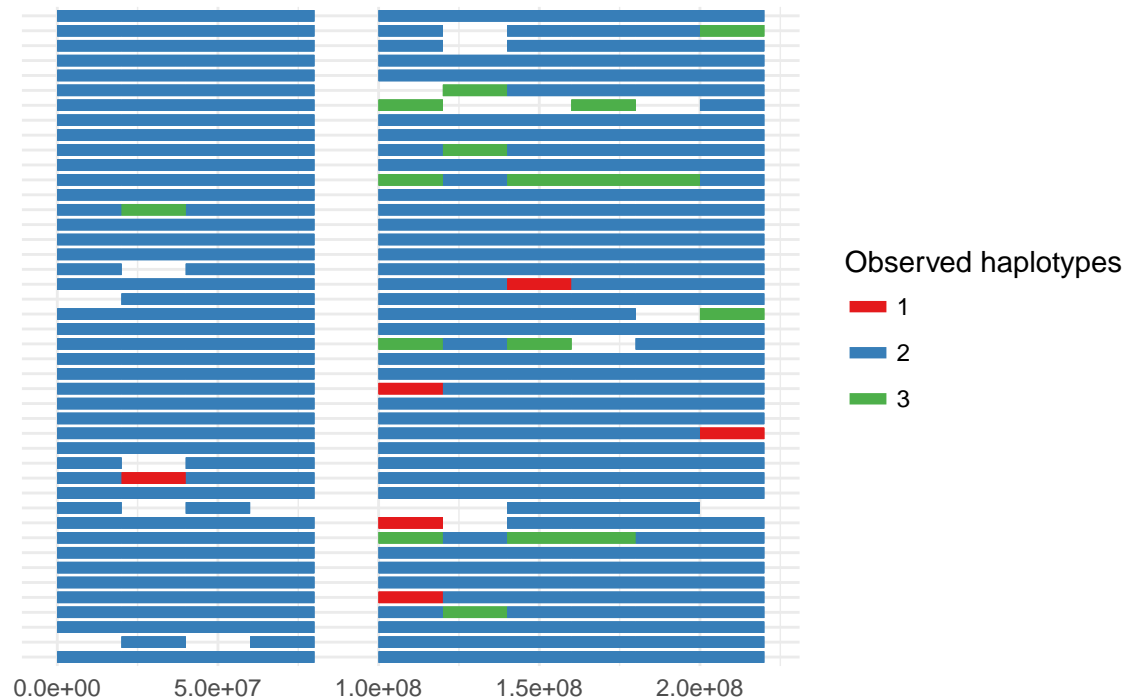
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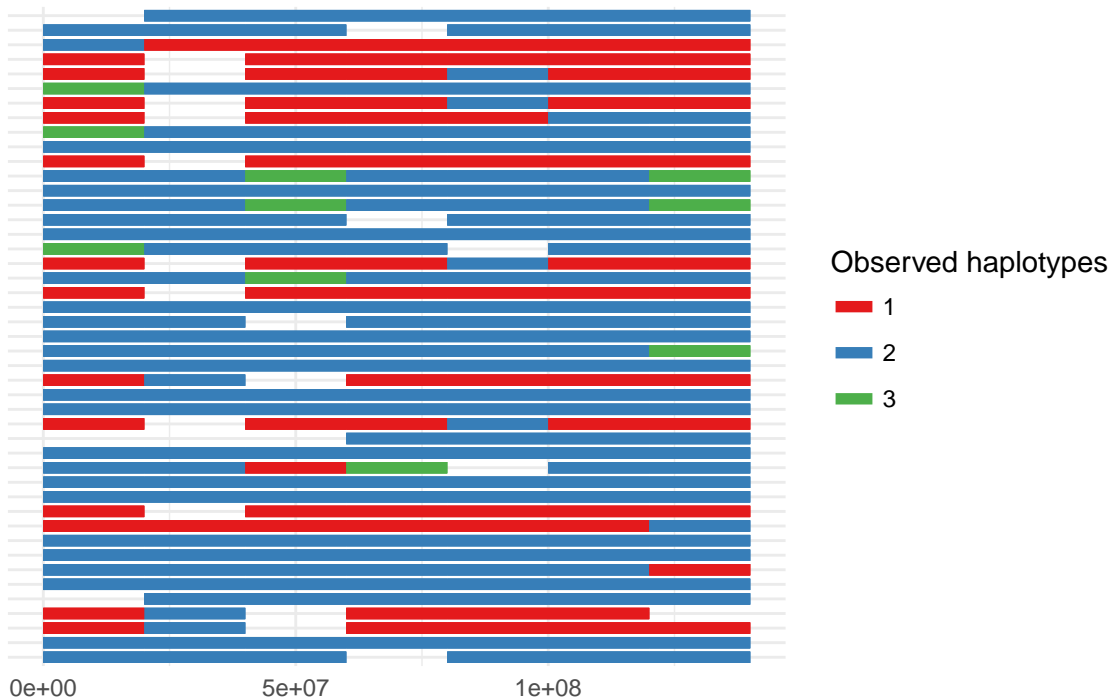
HCC 1 HanXRQChr16 10MB window haplotypescount



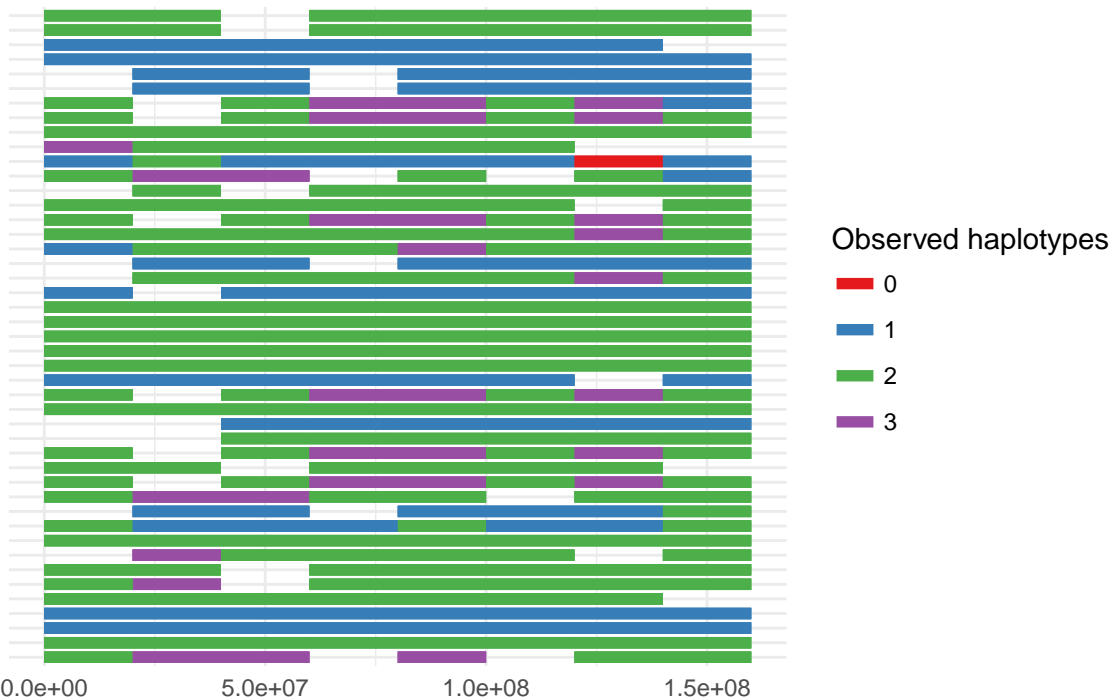
HCC 1 HanXRQChr17 10MB window haplotypecount



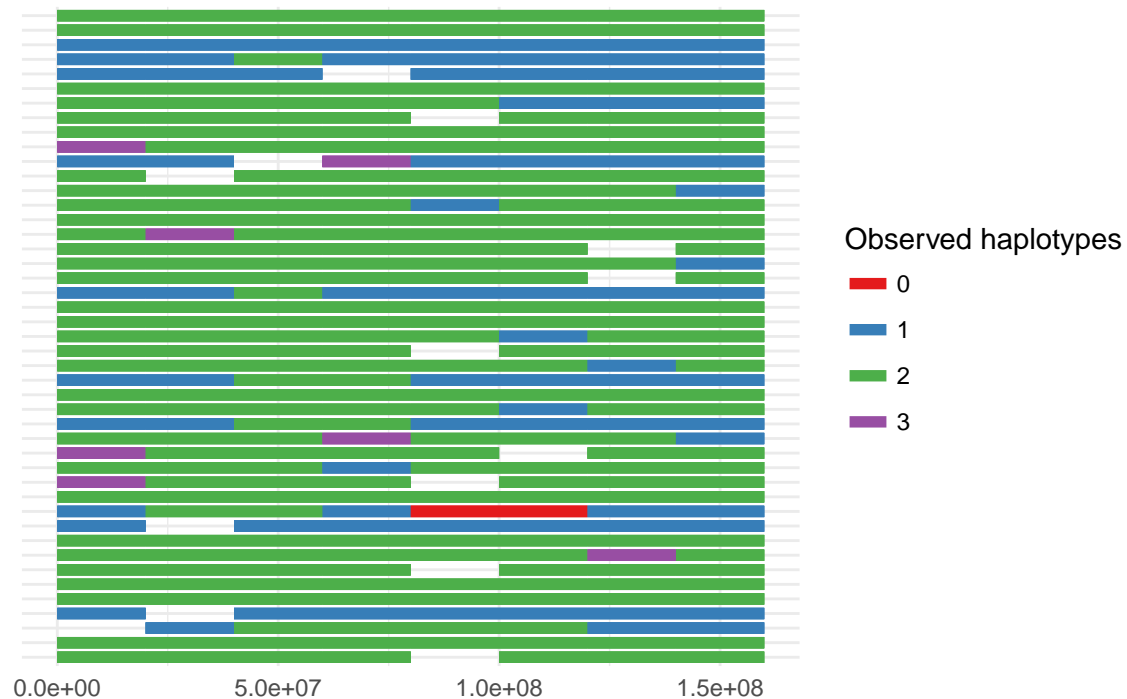
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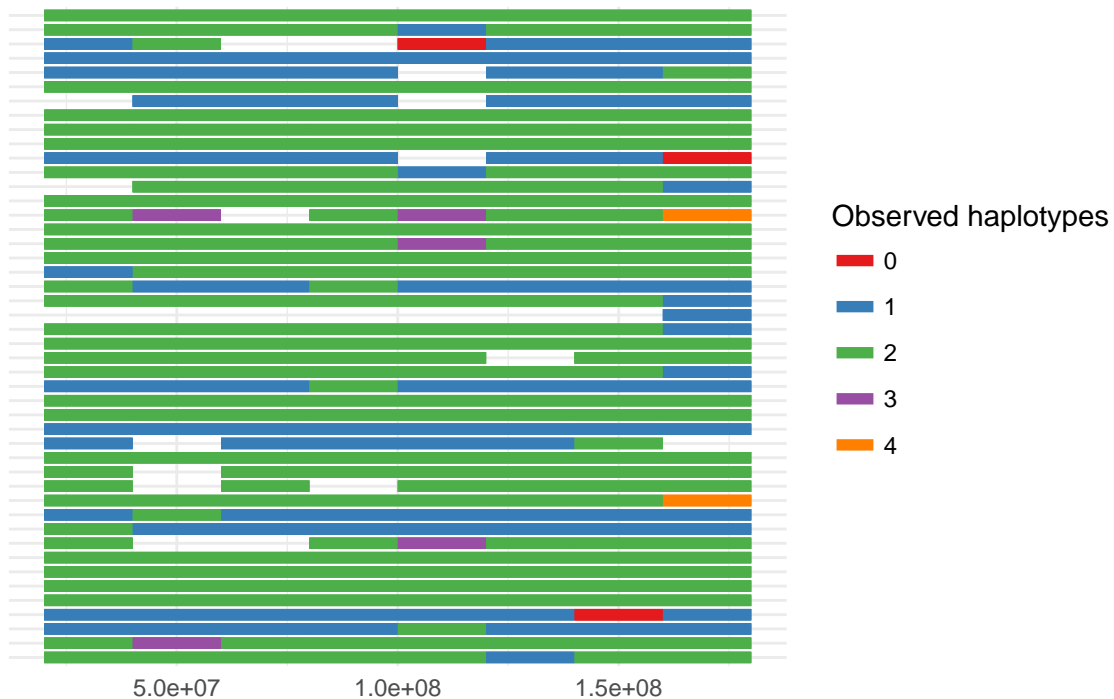
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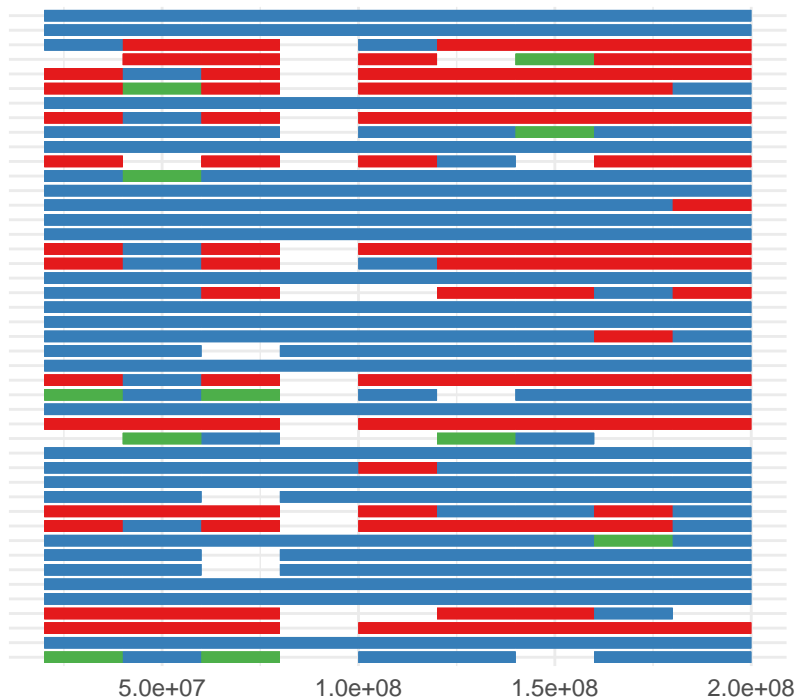
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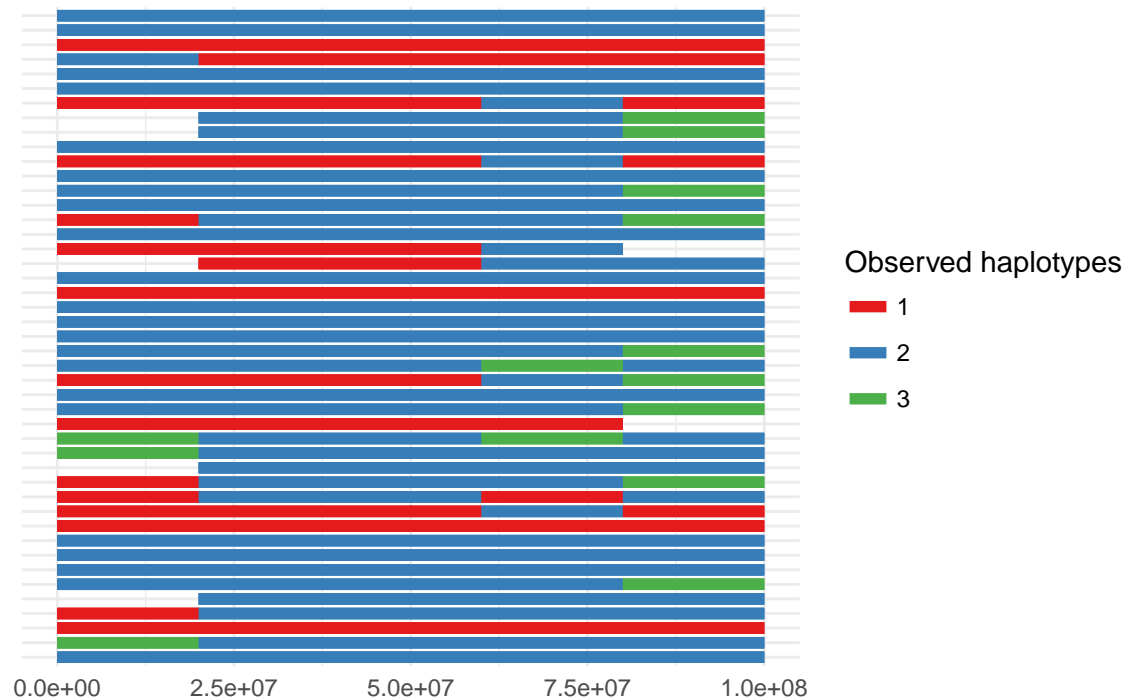
HCC 2 HanXRQChr04 10MB window haplotypecount



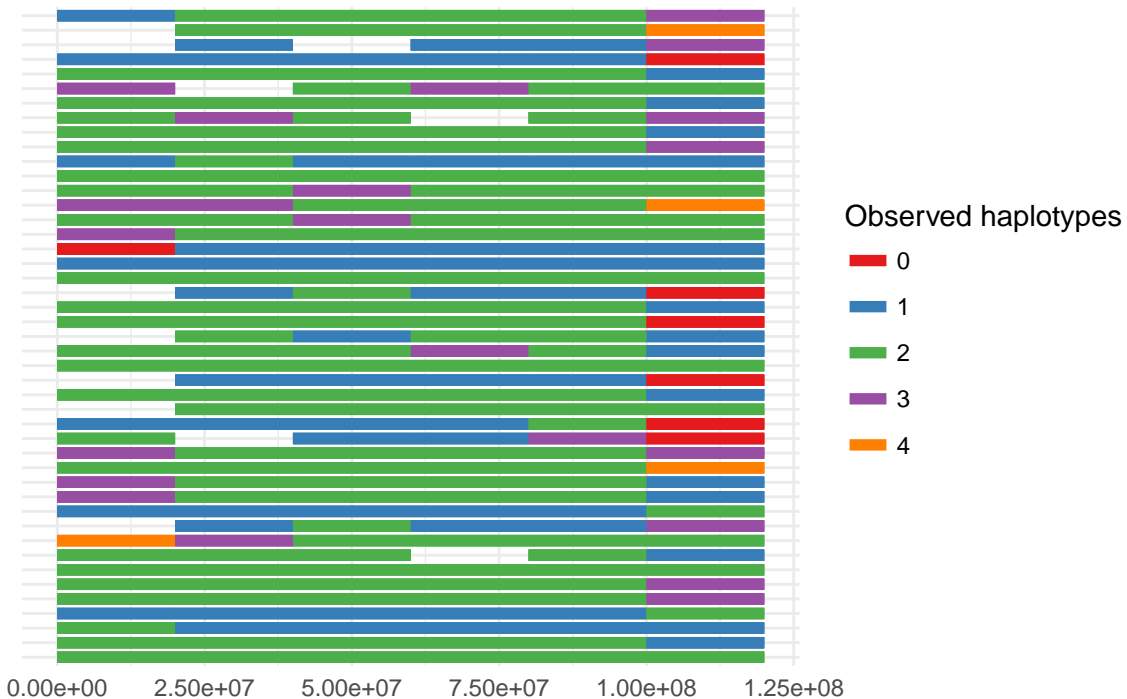
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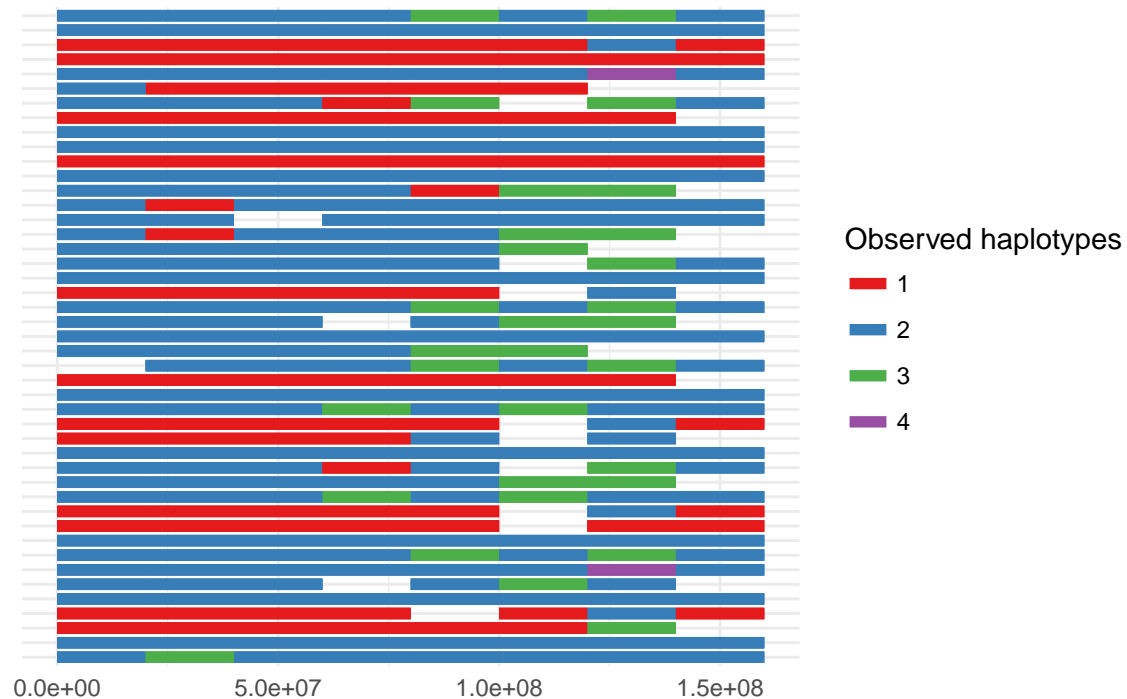
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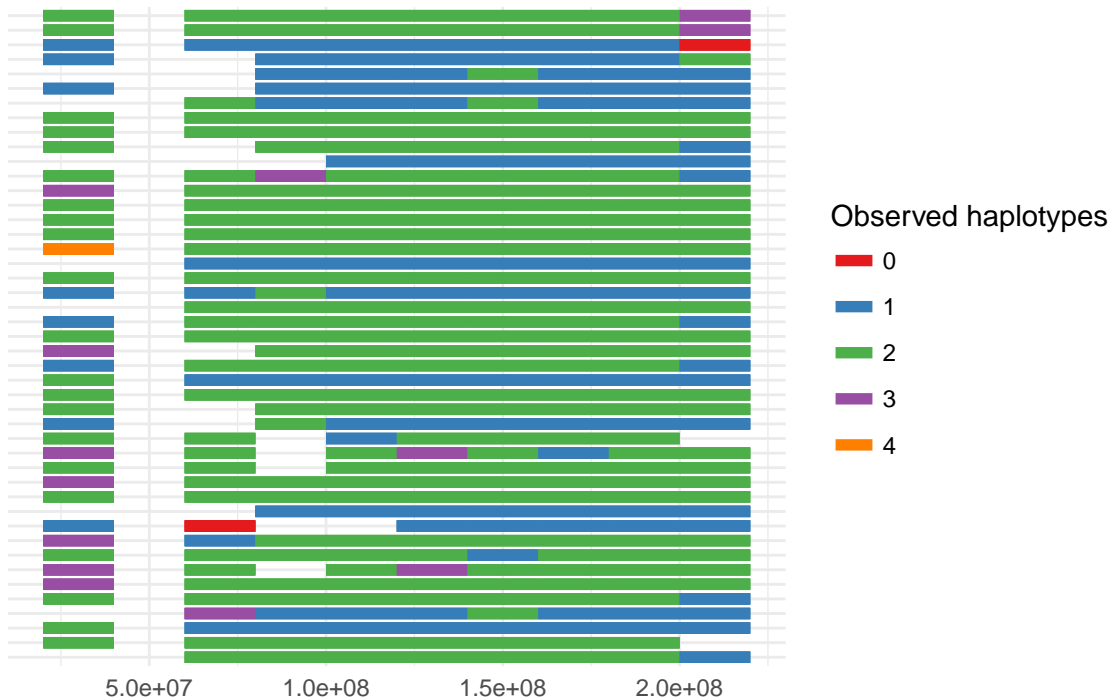
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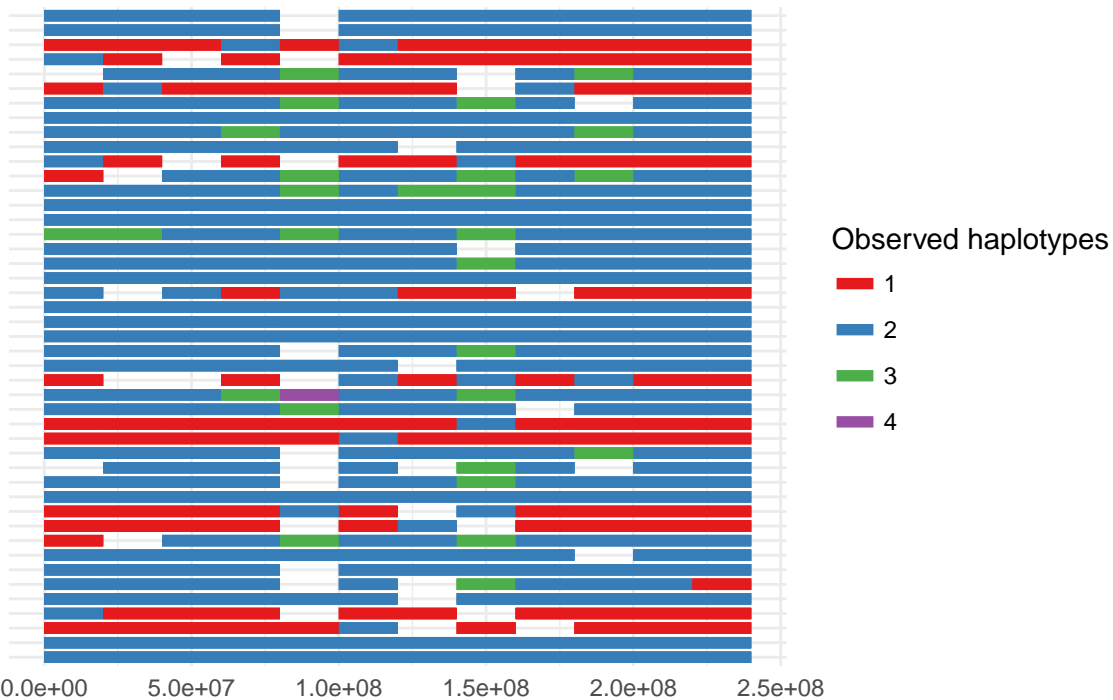
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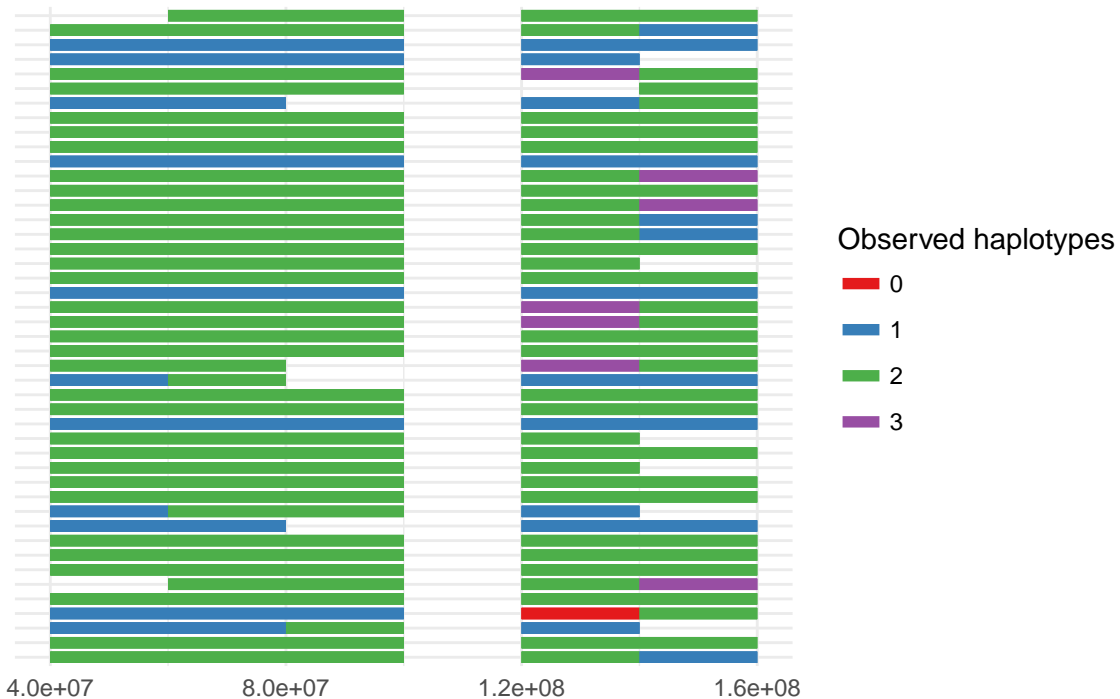
HCC 2 HanXRQChr09 10MB window haplotypecount



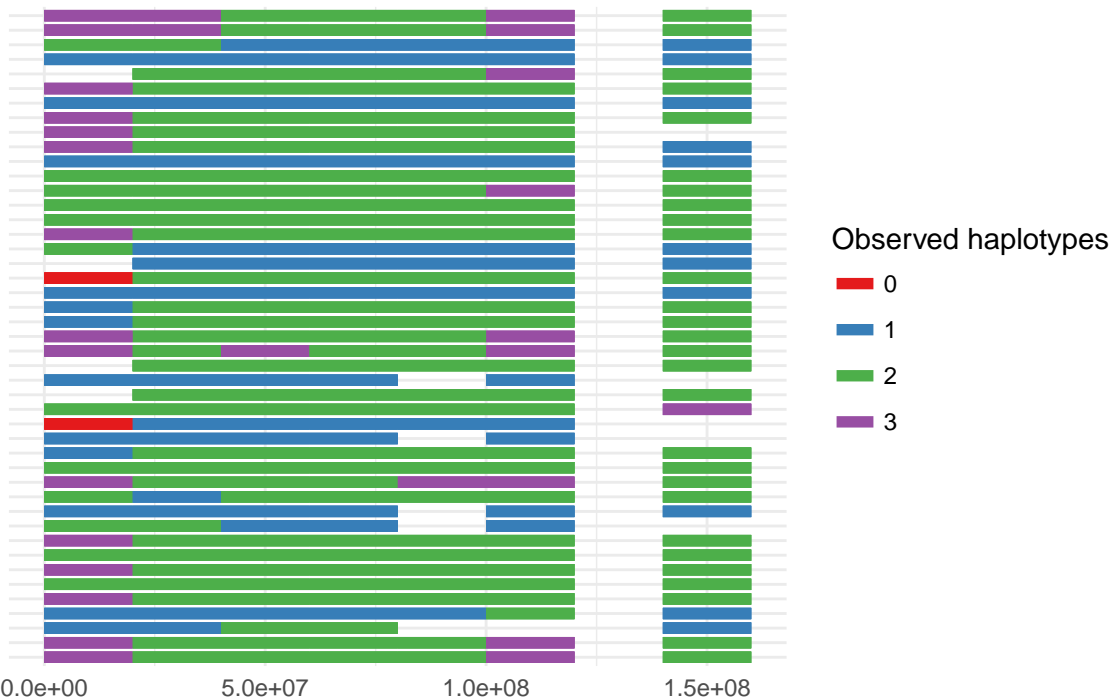
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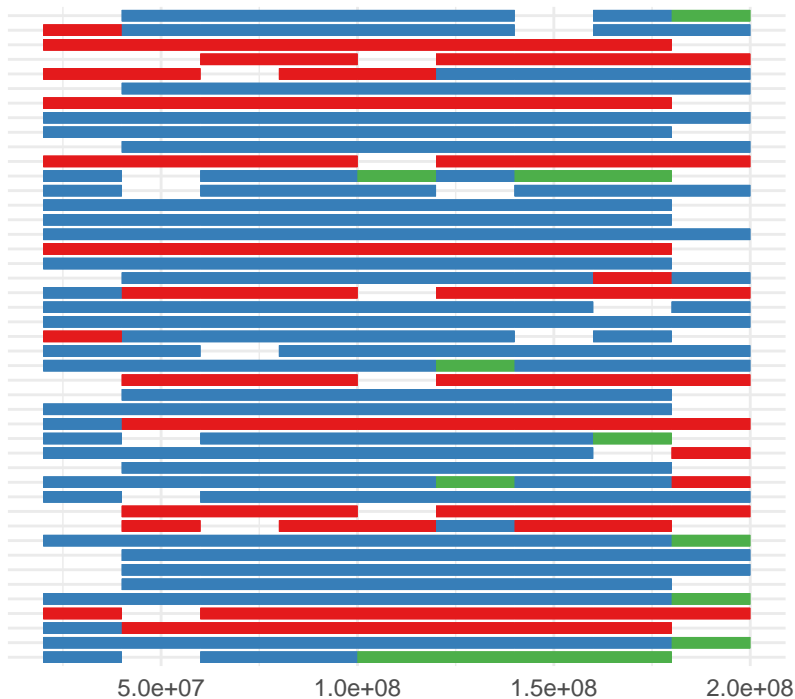
HCC 2 HanXRQChr11 10MB window haplotypecount



HCC 2 HanXRQChr12 10MB window haplotypecount



HCC 2 HanXRQChr13 10MB window haplotypecount



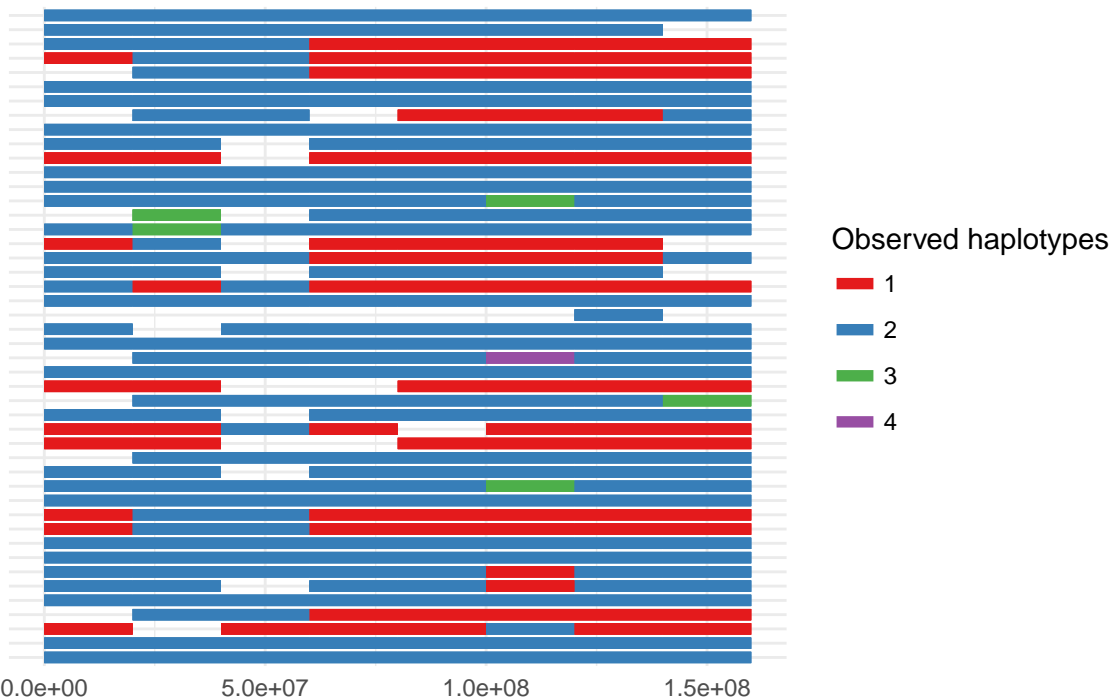
Observed haplotypes

1

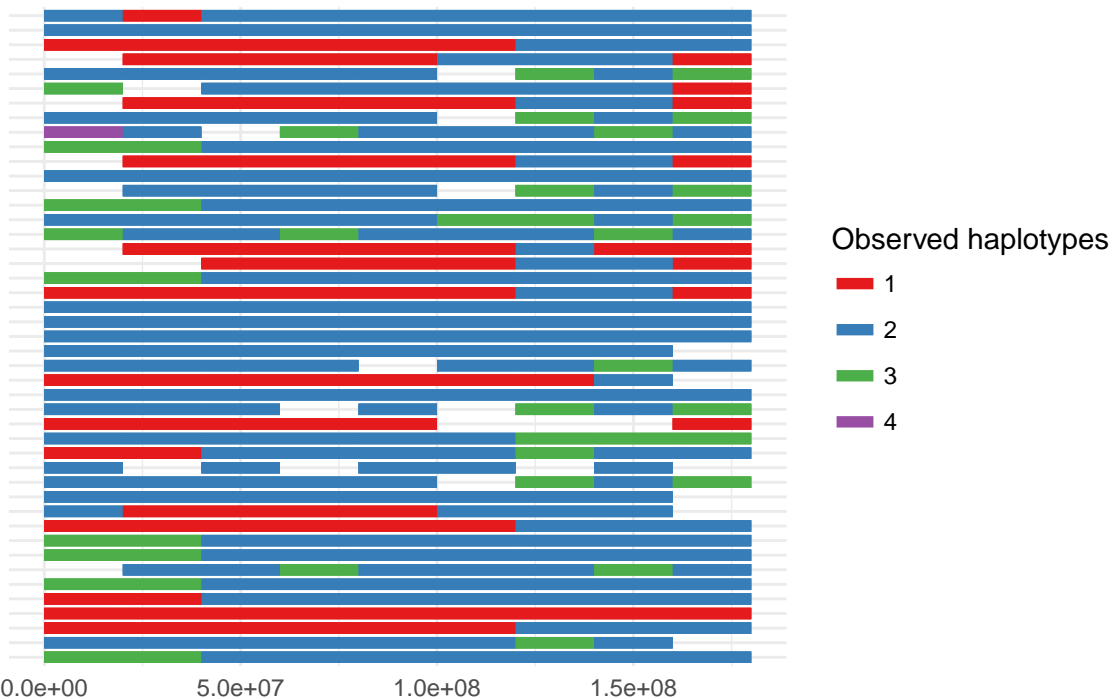
2

3

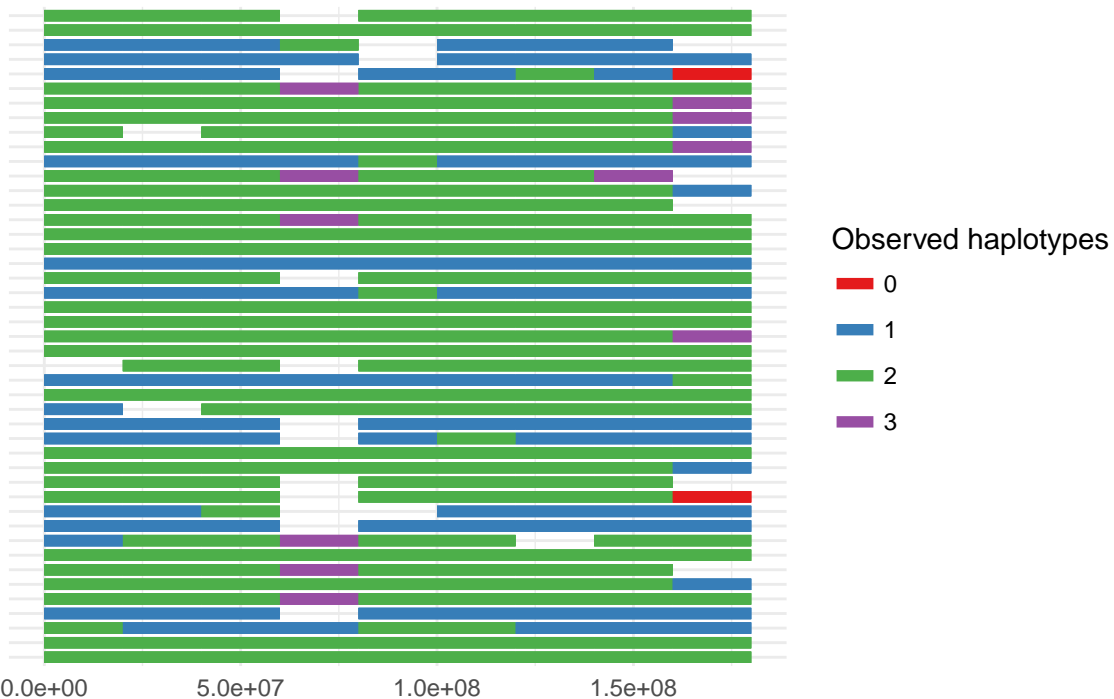
HCC 2 HanXRQChr14 10MB window haplotypecount



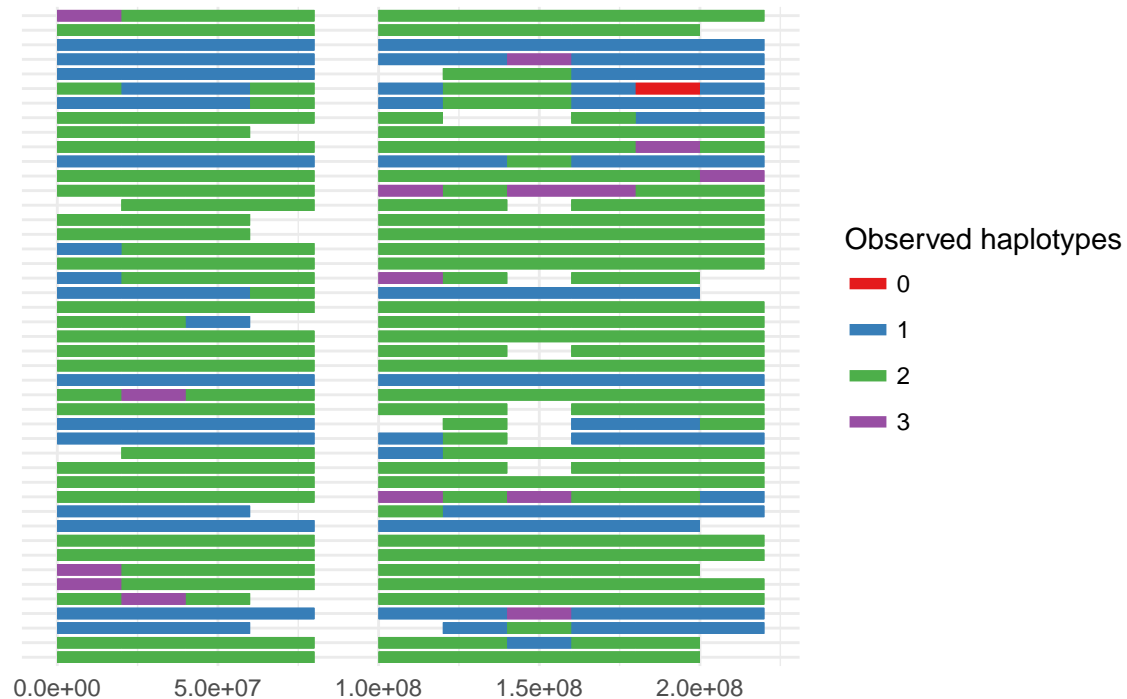
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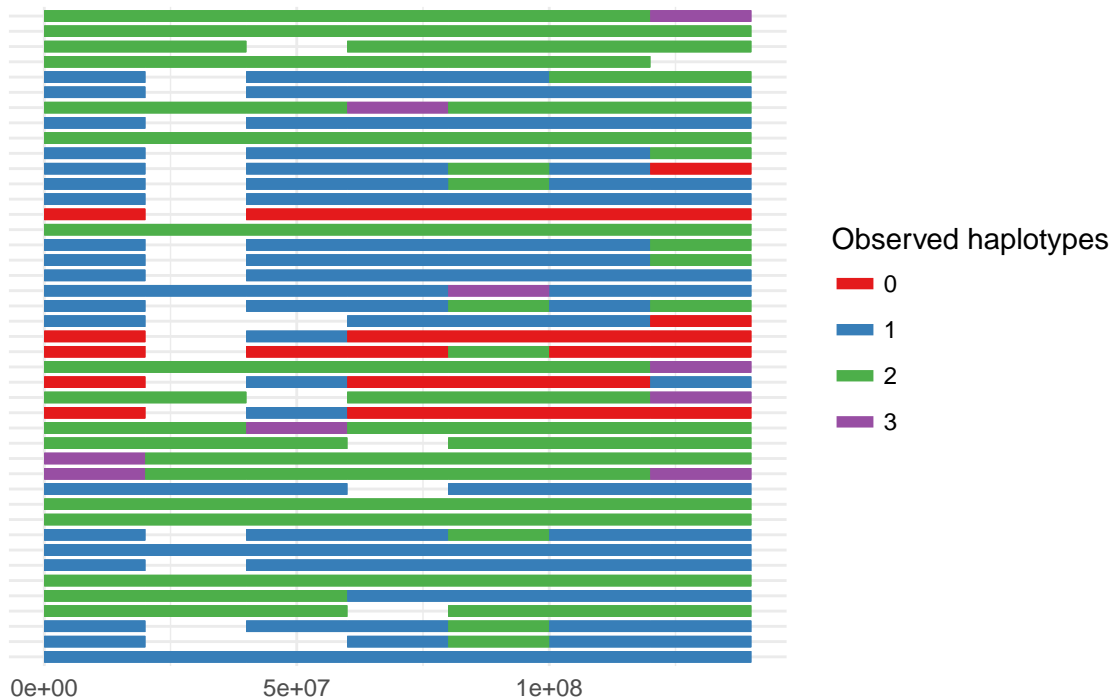
HCC 2 HanXRQChr16 10MB window haplotypecount



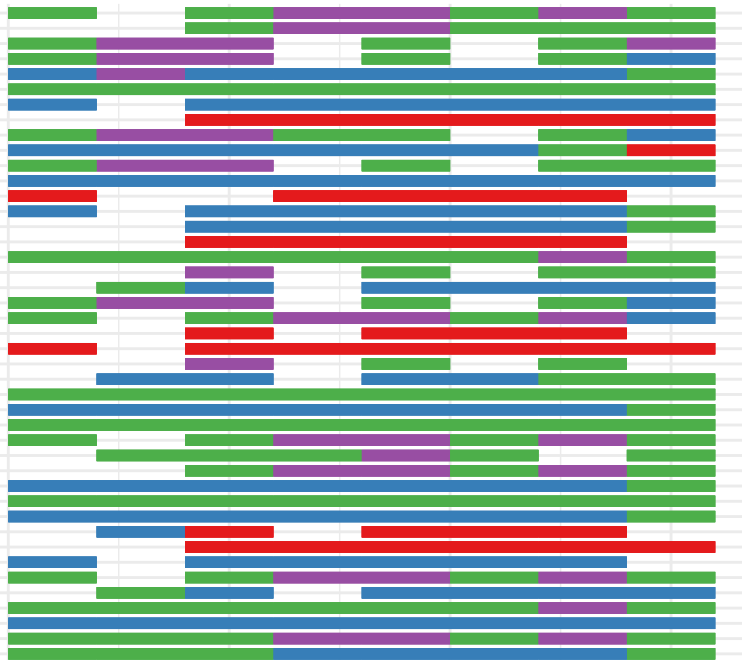
HCC 2 HanXRQChr17 10MB window haplotypecount



HCC 3 HanXRQChr01 10MB window haplotypecount



HCC 3 HanXRQChr02 10MB window haplotypecount



Observed haplotypes

0

1

2

3

0.0e+00

5.0e+07

1.0e+08

1.5e+08

HCC 3 HanXRQChr03 10MB window haplotypecount

Observed haplotypes

0

1

2

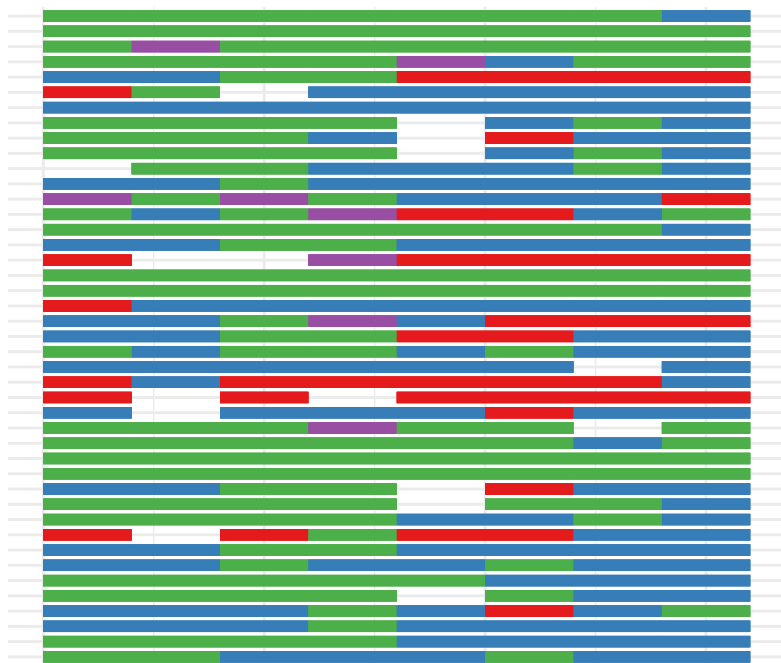
3

0.0e+00

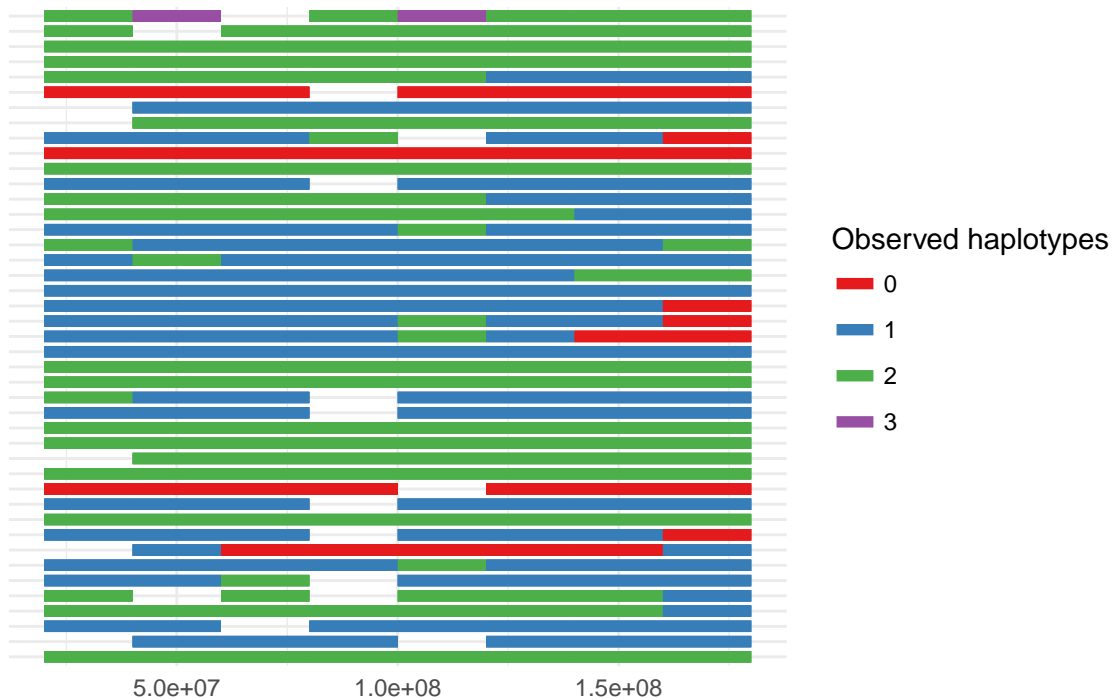
5.0e+07

1.0e+08

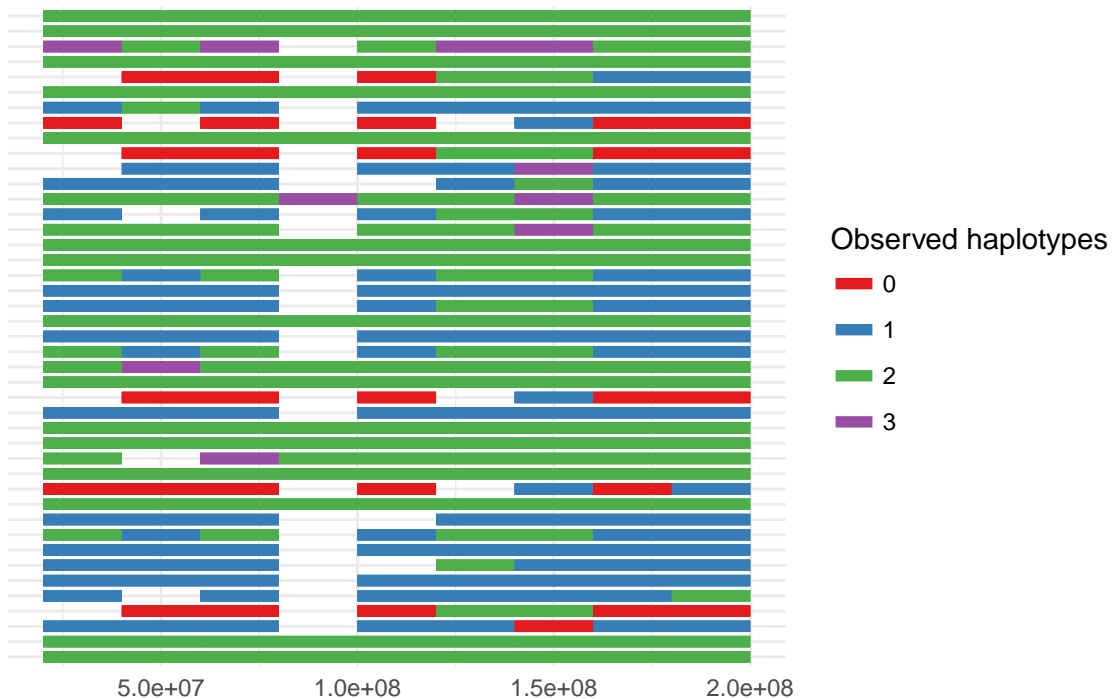
1.5e+08



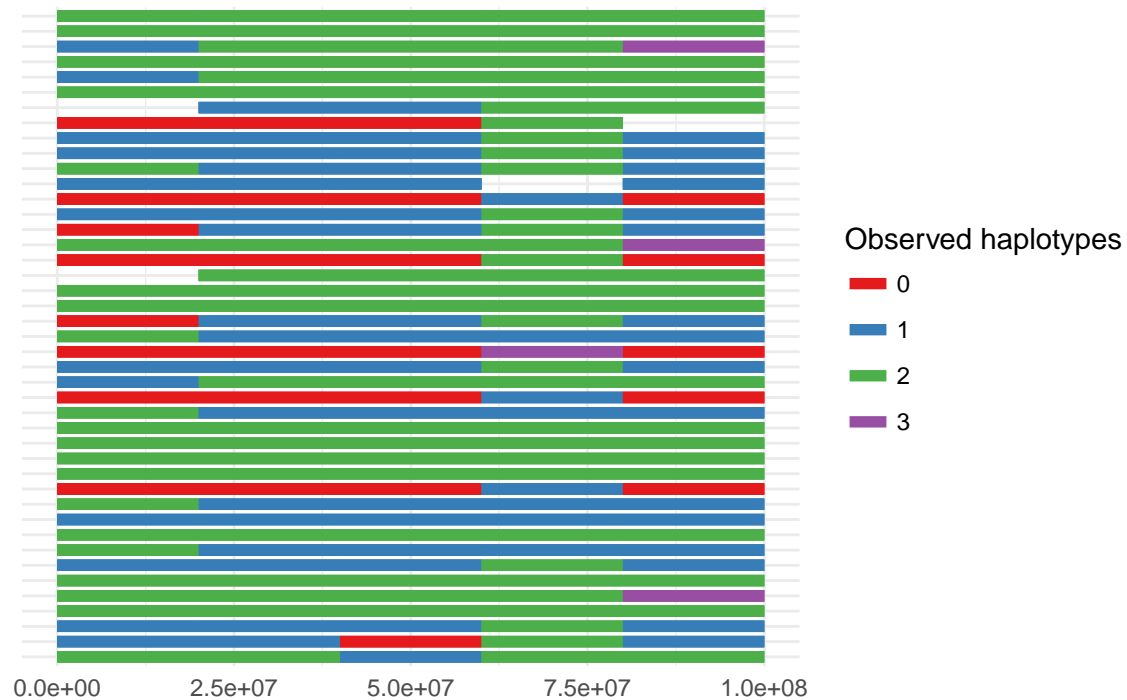
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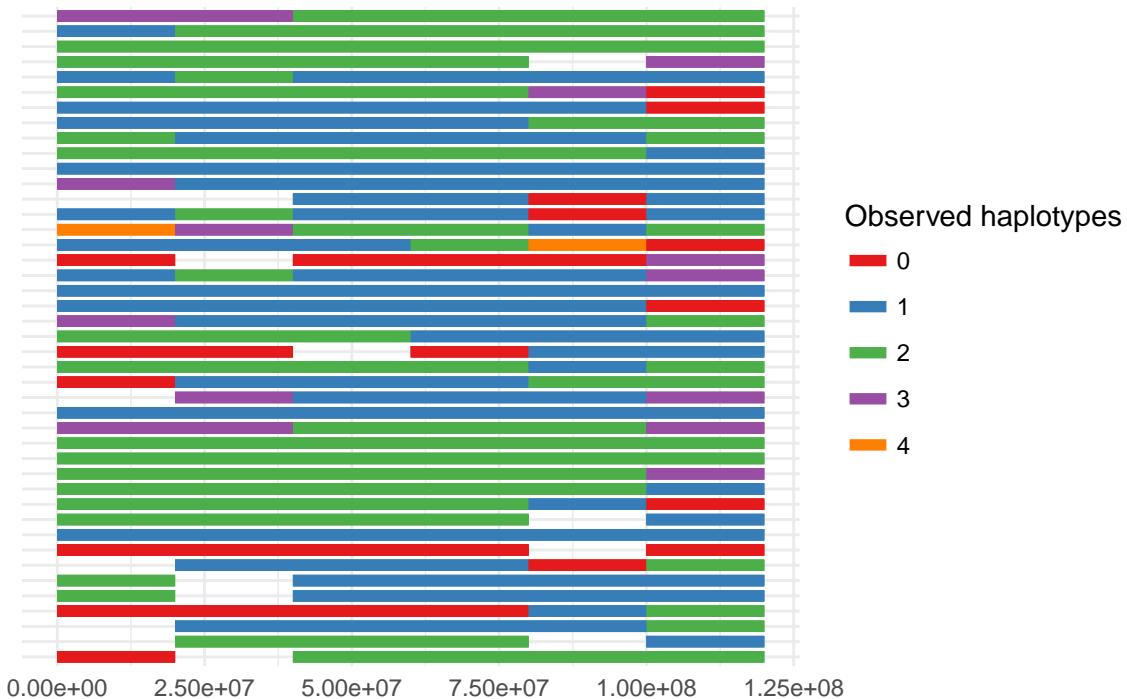
HCC 3 HanXRQChr05 10MB window haplotypecount



HCC 3 HanXRQChr06 10MB window haplotypecount



HCC 3 HanXRQChr07 10MB window haplotypecount



HCC 3 HanXRQChr08 10MB window haplotypecount

Observed haplotypes

0

1

2

3

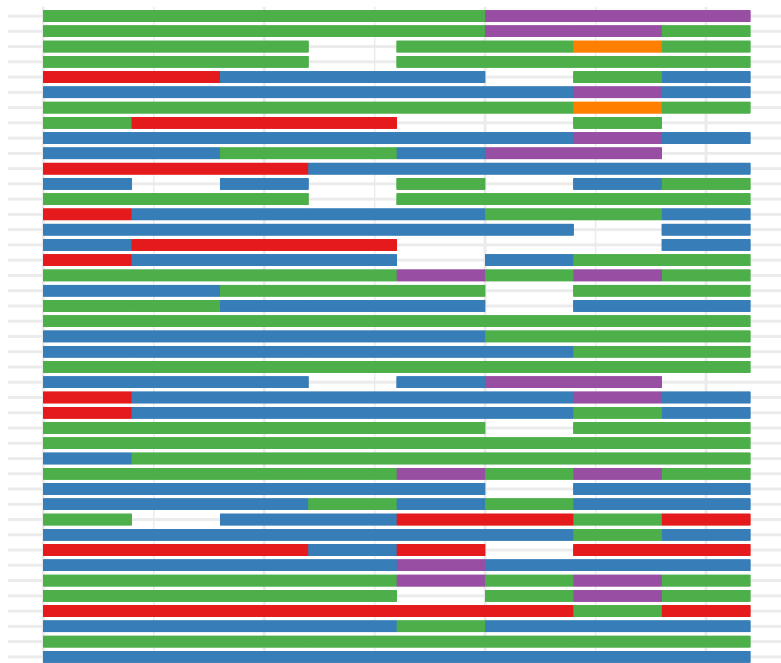
4

0.0e+00

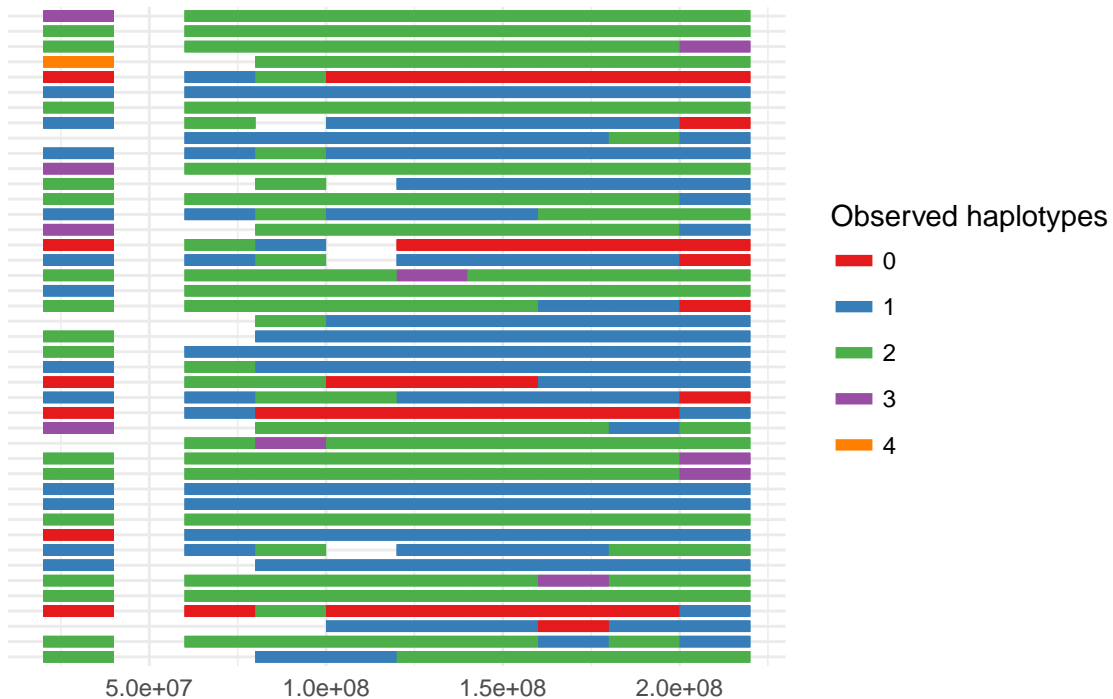
5.0e+07

1.0e+08

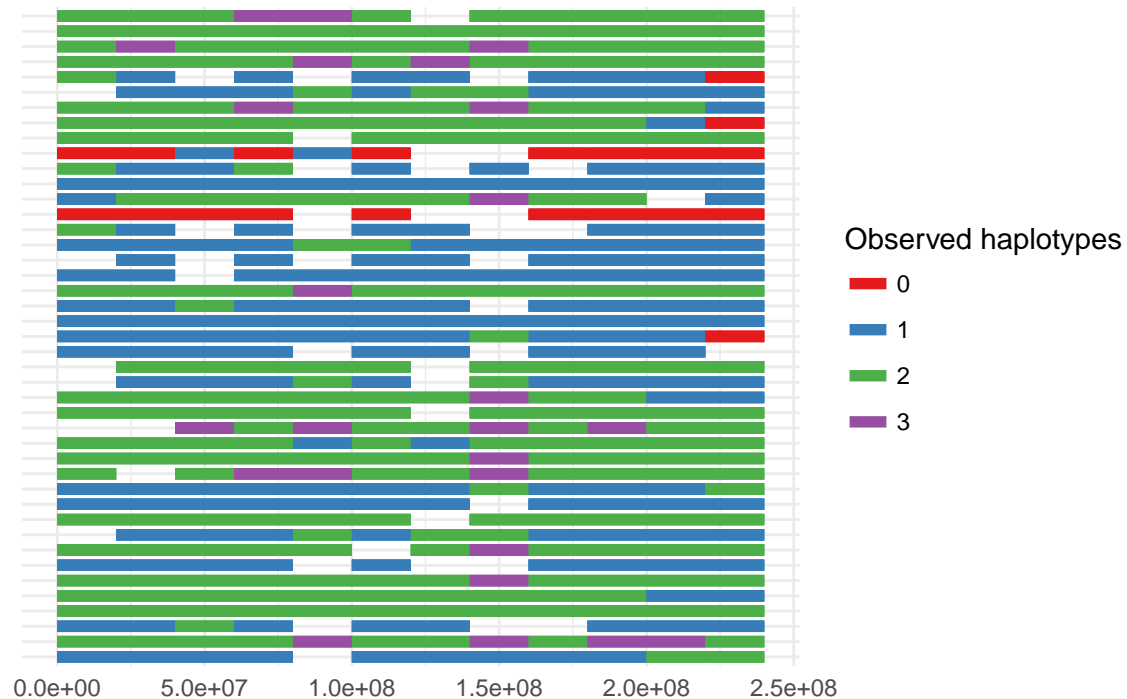
1.5e+08



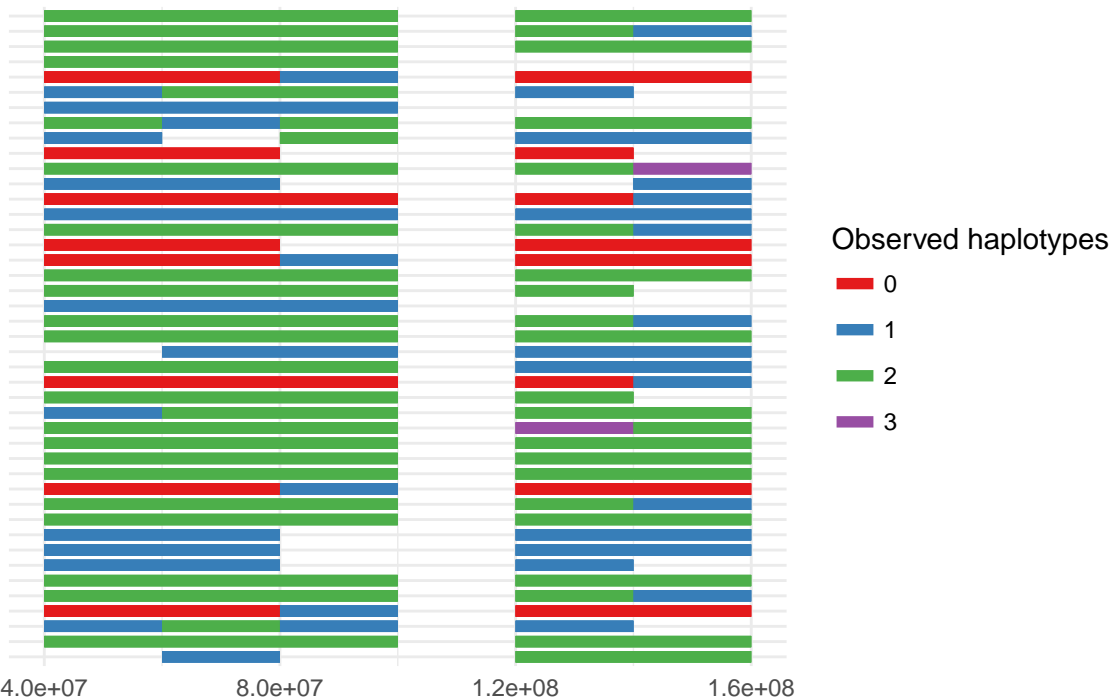
HCC 3 HanXRQChr09 10MB window haplotypecount



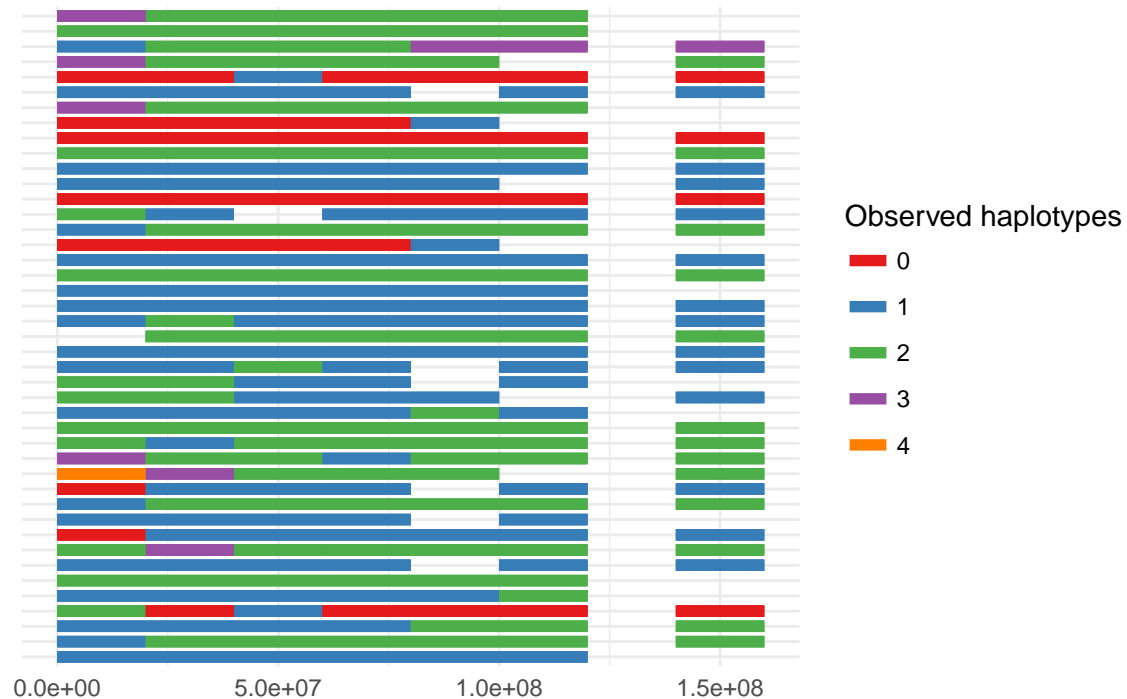
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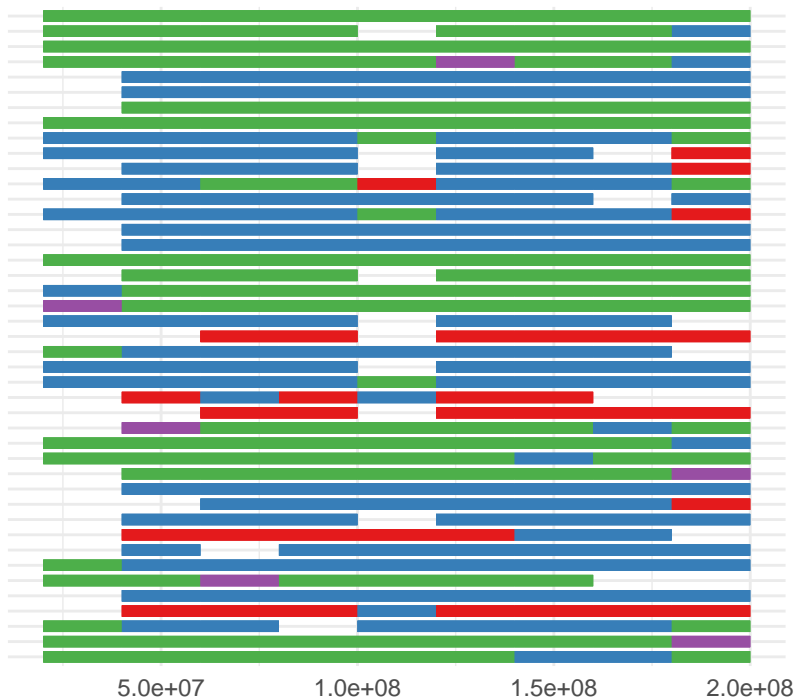
HCC 3 HanXRQChr11 10MB window haplotypecount



HCC 3 HanXRQChr12 10MB window haplotypecount



HCC 3 HanXRQChr13 10MB window haplotypecount



HCC 3 HanXRQChr14 10MB window haplotypecount

Observed haplotypes

0

1

2

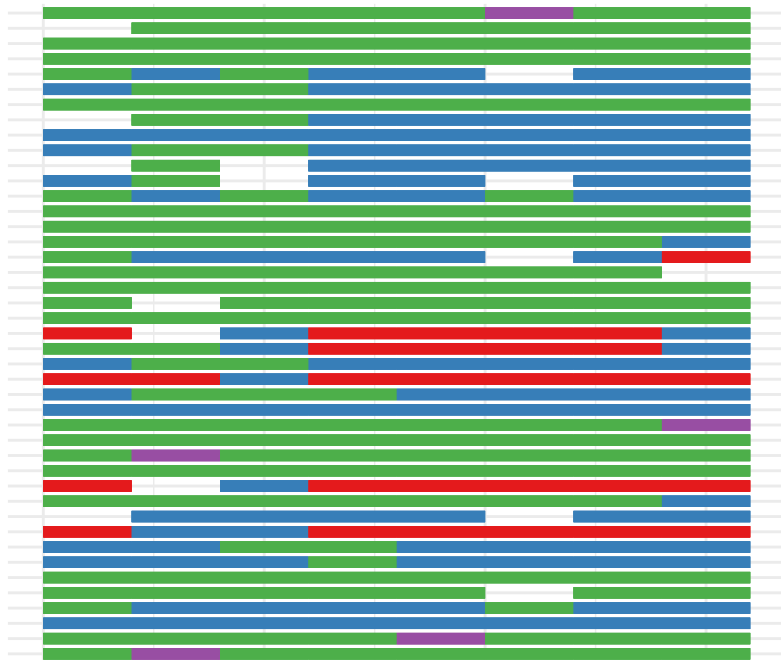
3

0.0e+00

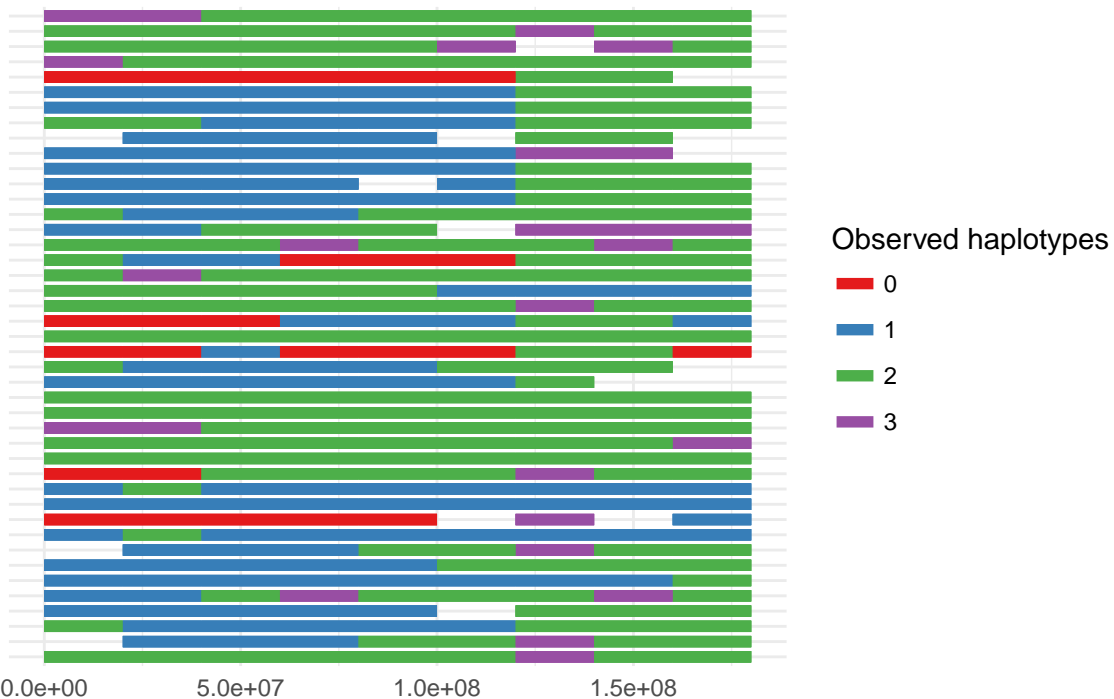
5.0e+07

1.0e+08

1.5e+08



HCC 3 HanXRQChr15 10MB window haplotypecount



HCC 3 HanXRQChr16 10MB window haplotypecount

Observed haplotypes

0

1

2

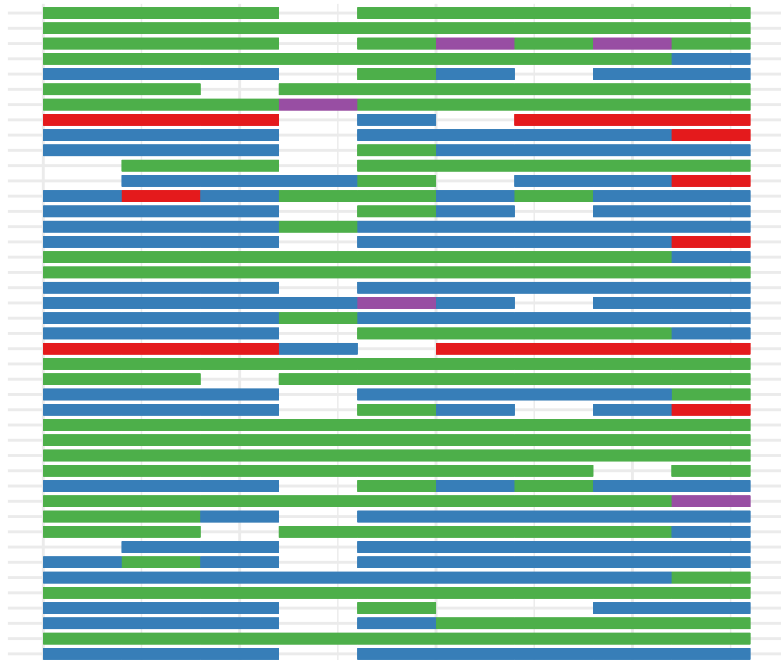
3

0.0e+00

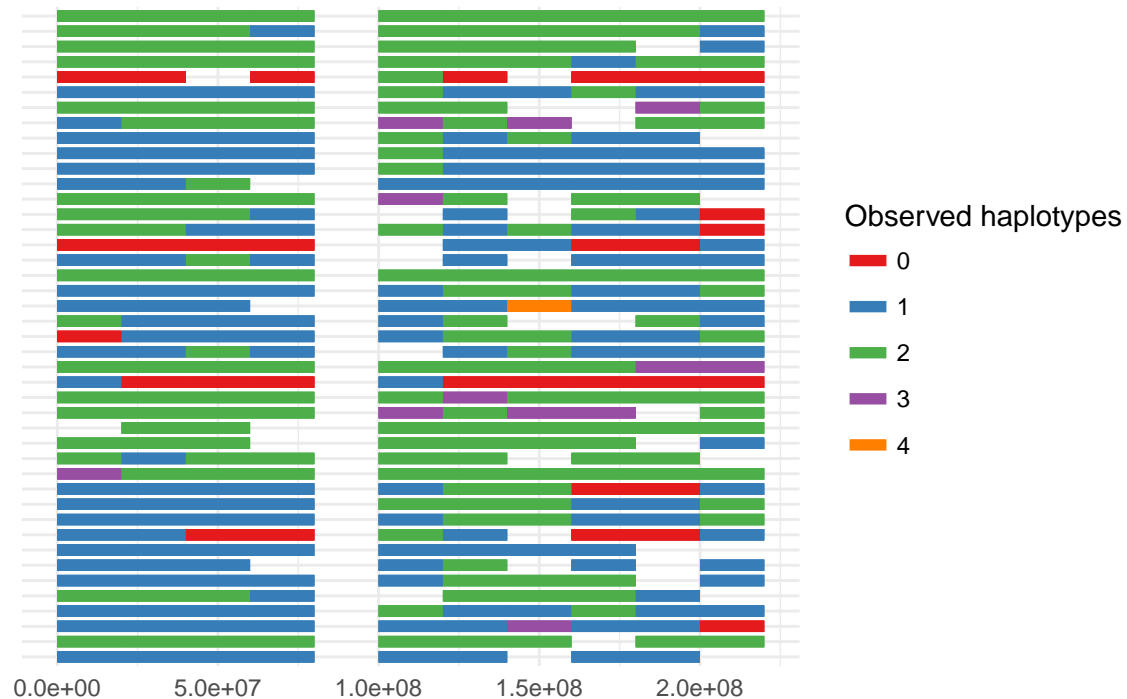
5.0e+07

1.0e+08

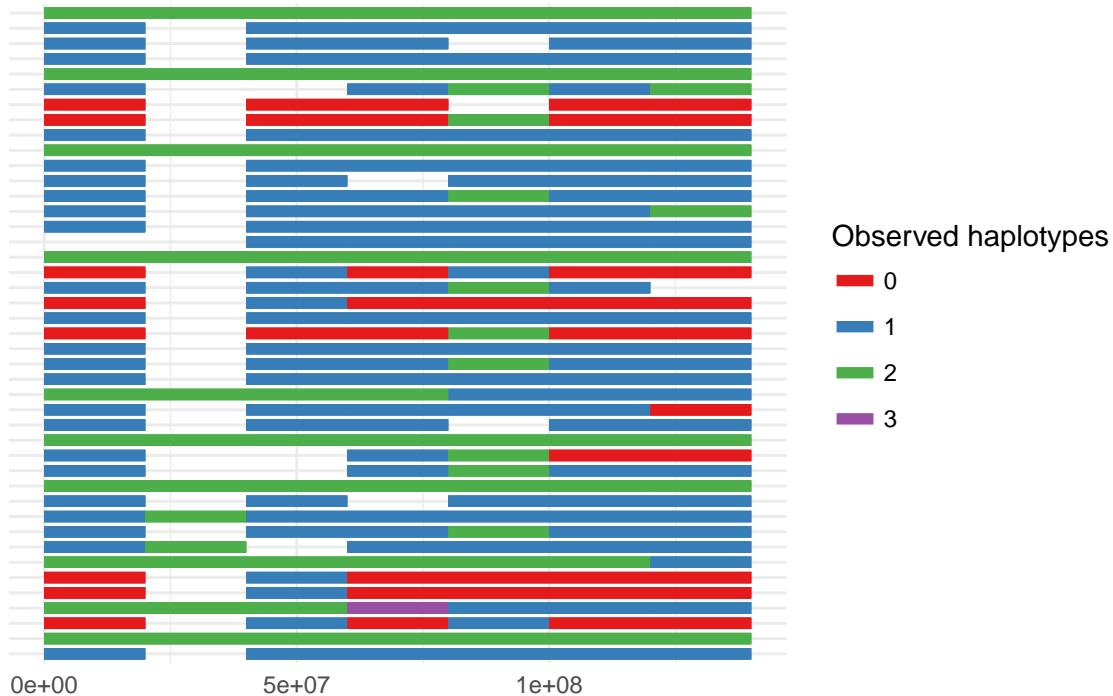
1.5e+08



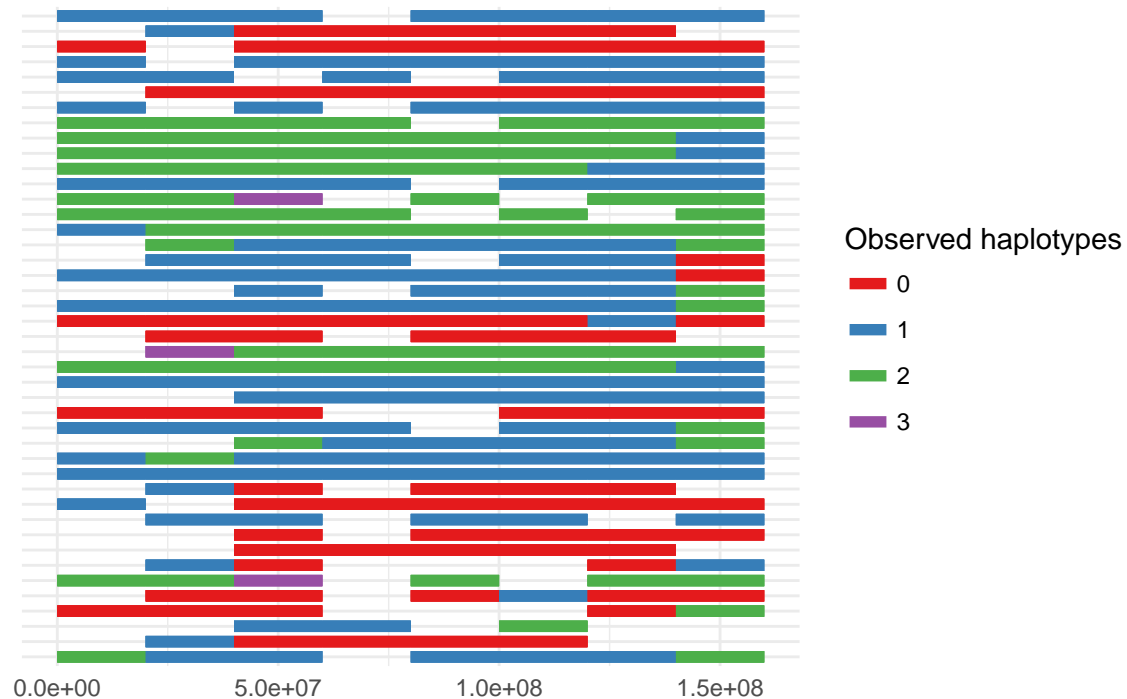
HCC 3 HanXRQChr17 10MB window haplotypecount



HCC 4 HanXRQChr01 10MB window haplotypecount



HCC 4 HanXRQChr02 10MB window haplotypecount



HCC 4 HanXRQChr03 10MB window haplotypecount

Observed haplotypes

0

1

2

3

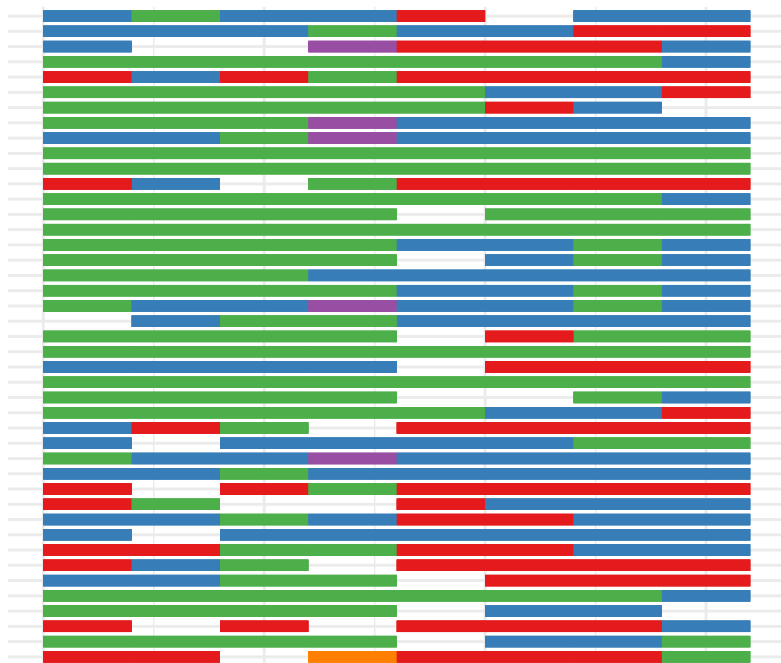
4

0.0e+00

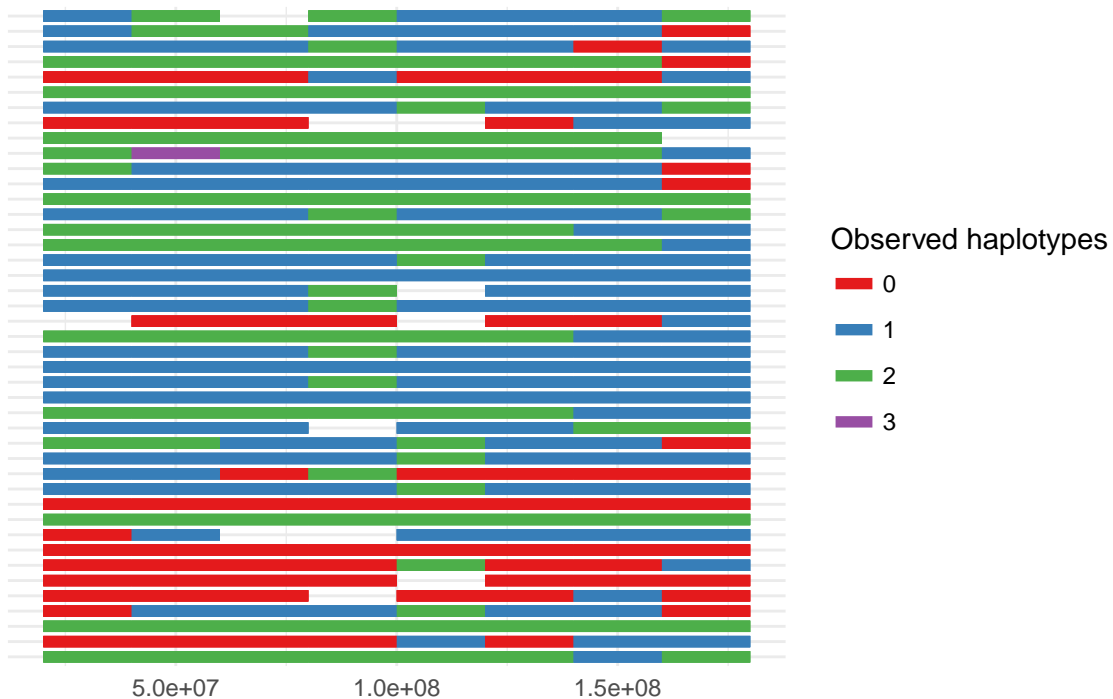
5.0e+07

1.0e+08

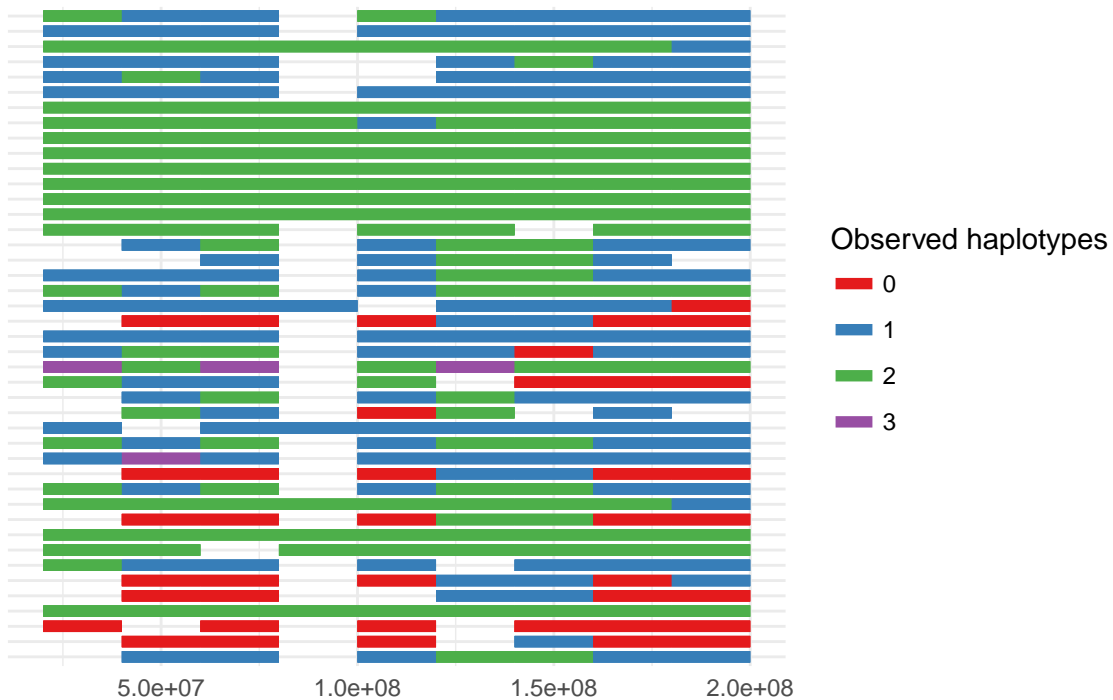
1.5e+08



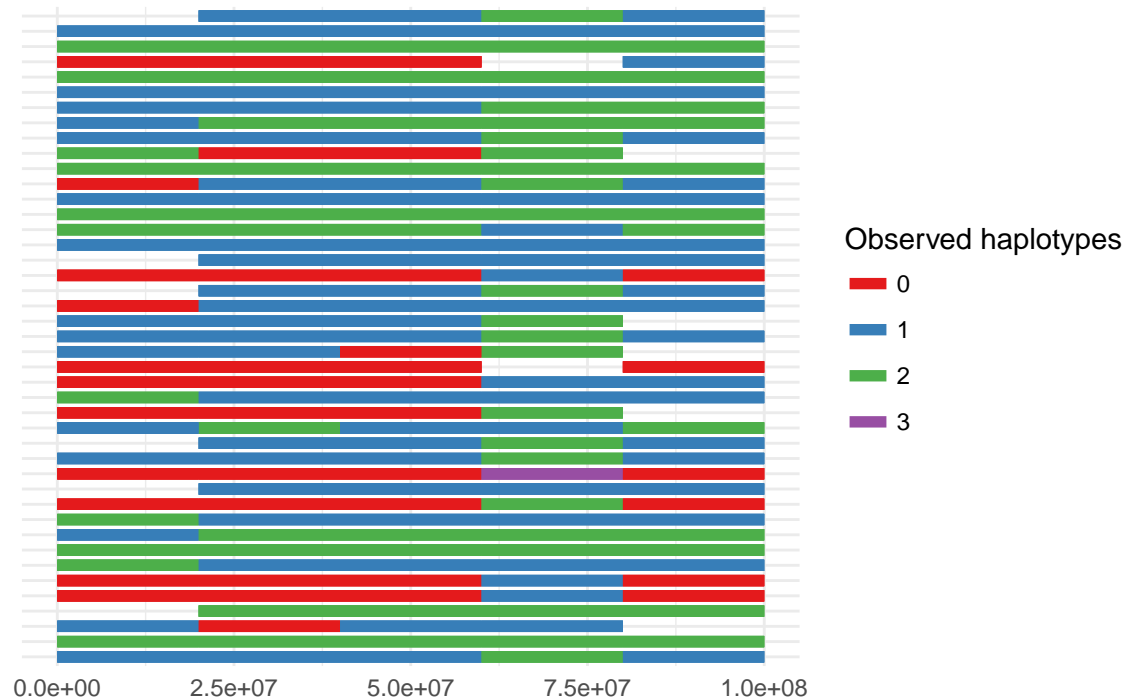
HCC 4 HanXRQChr04 10MB window haplotypecount



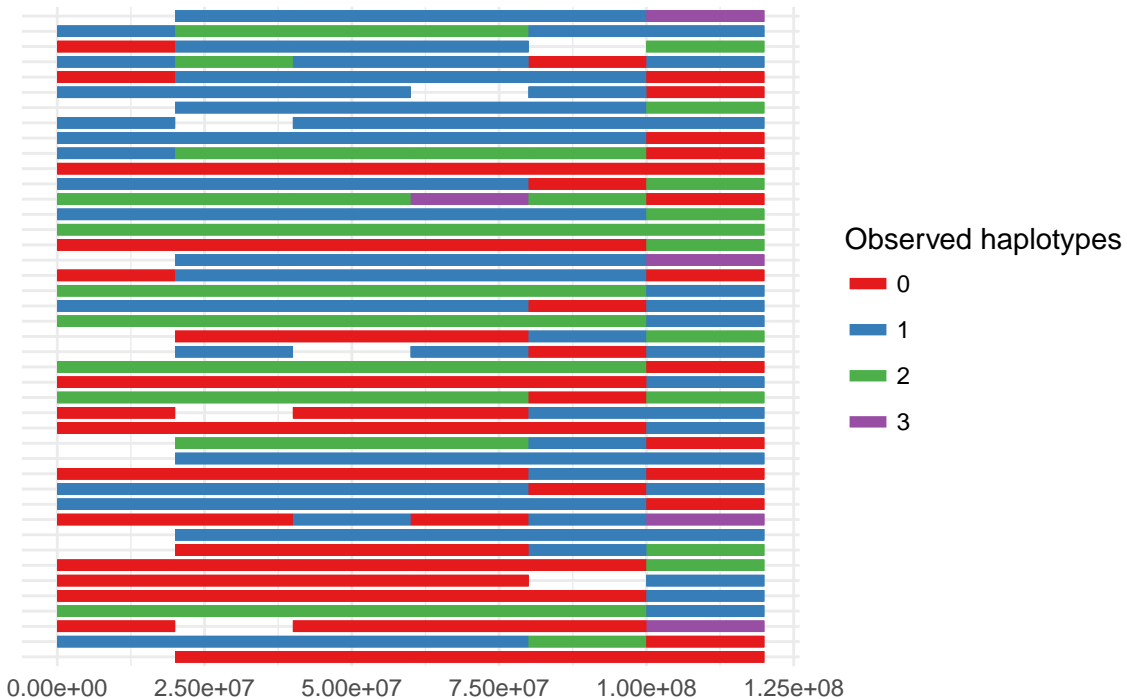
HCC 4 HanXRQChr05 10MB window haplotypecount



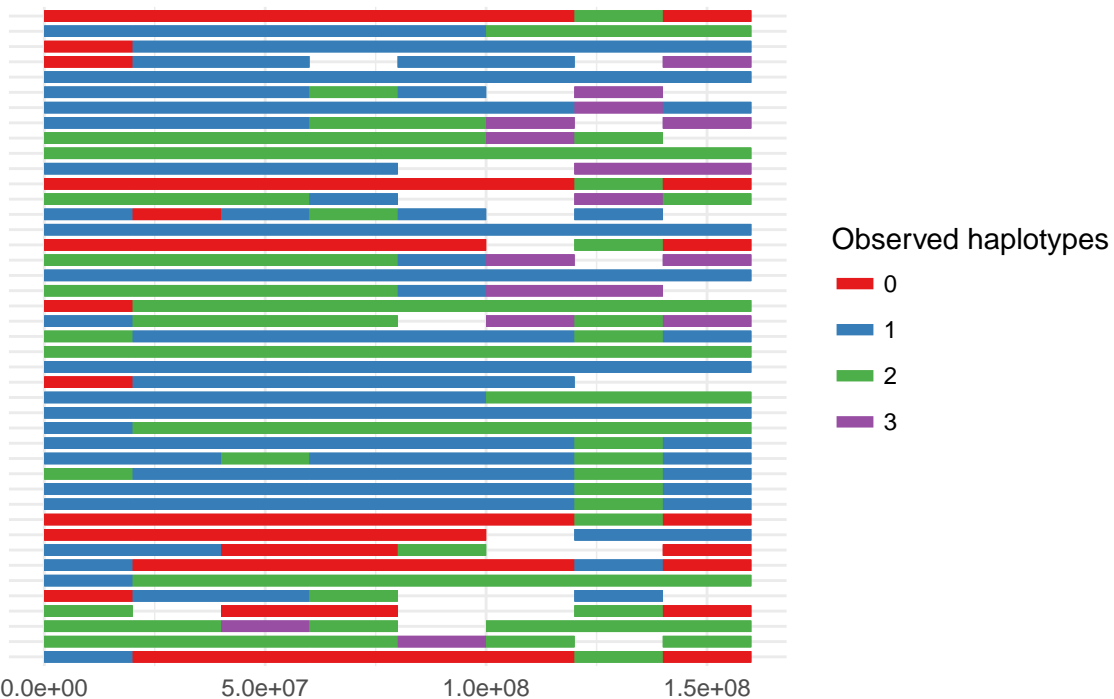
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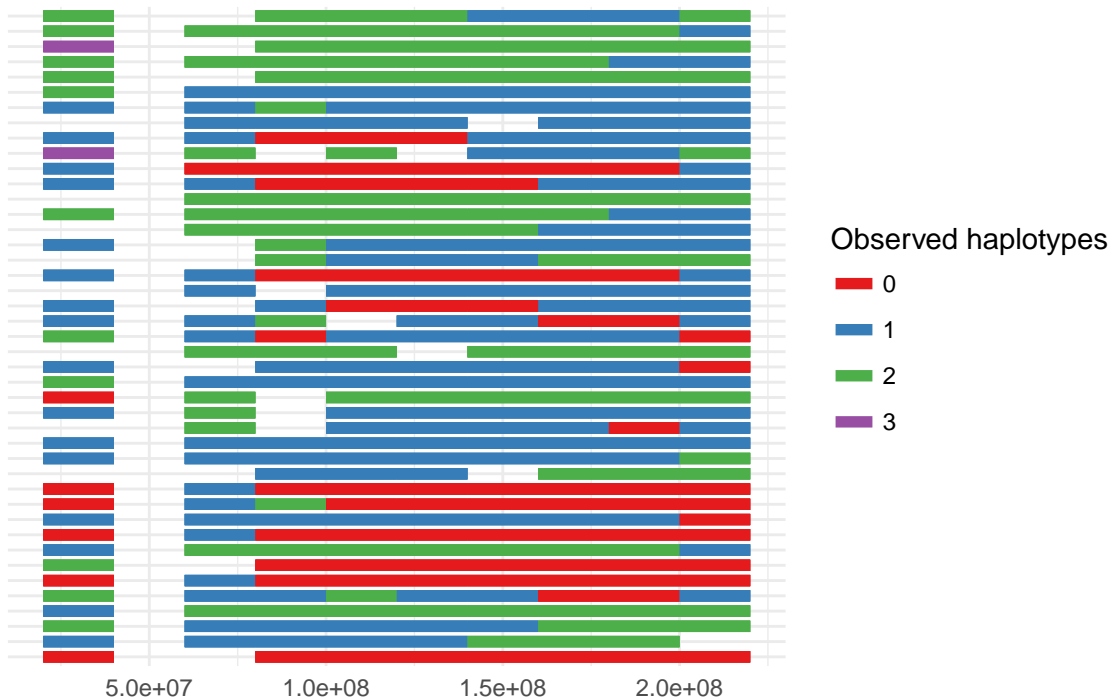
HCC 4 HanXRQChr07 10MB window haplotypecount



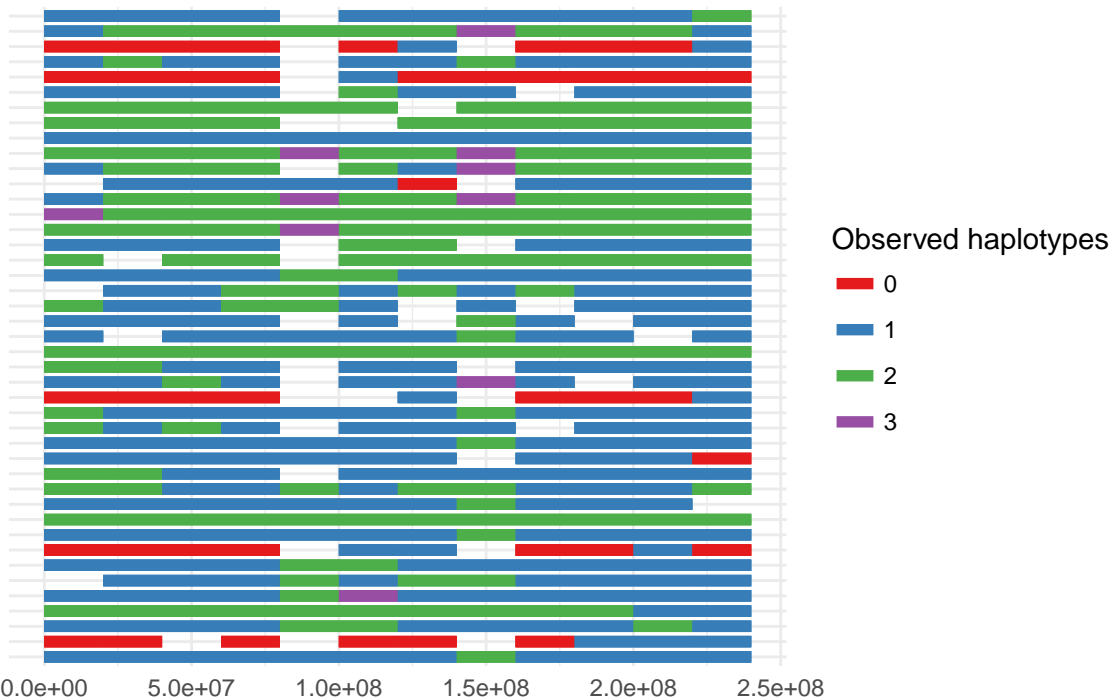
HCC 4 HanXRQChr08 10MB window haplotypecount



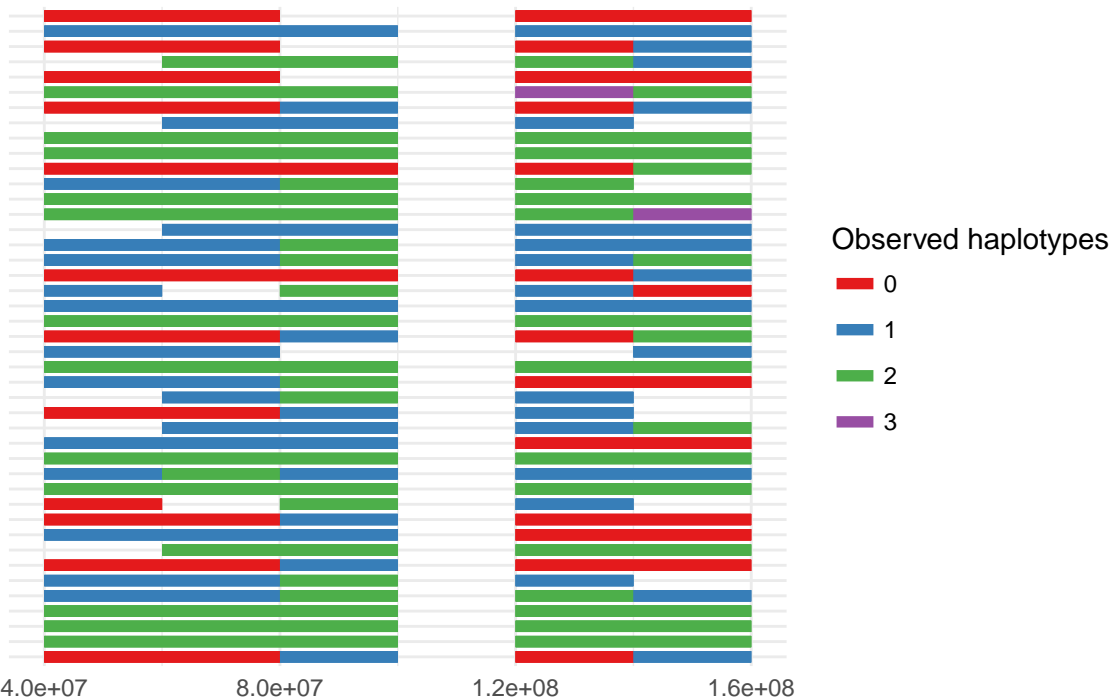
HCC 4 HanXRQChr09 10MB window haplotypecount



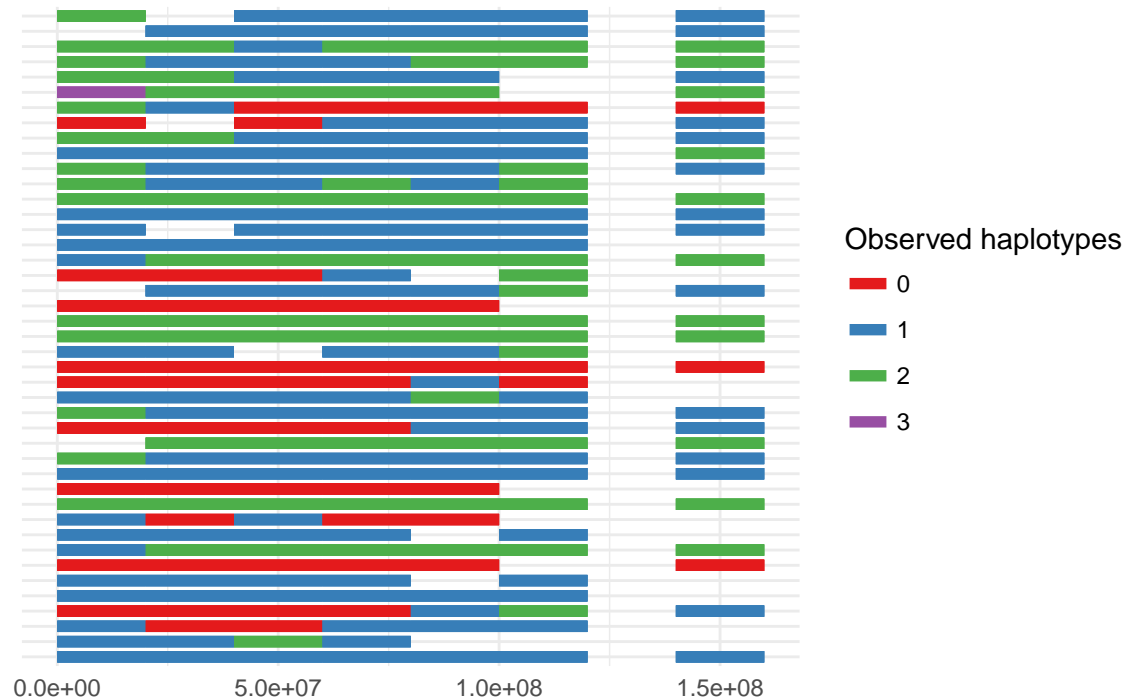
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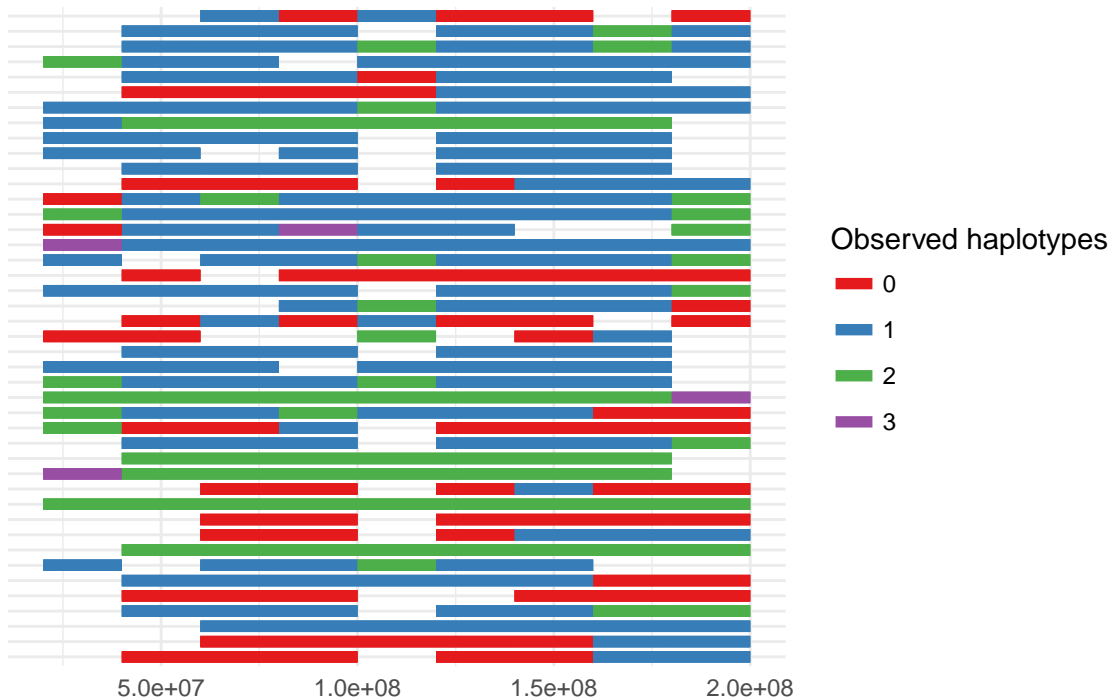
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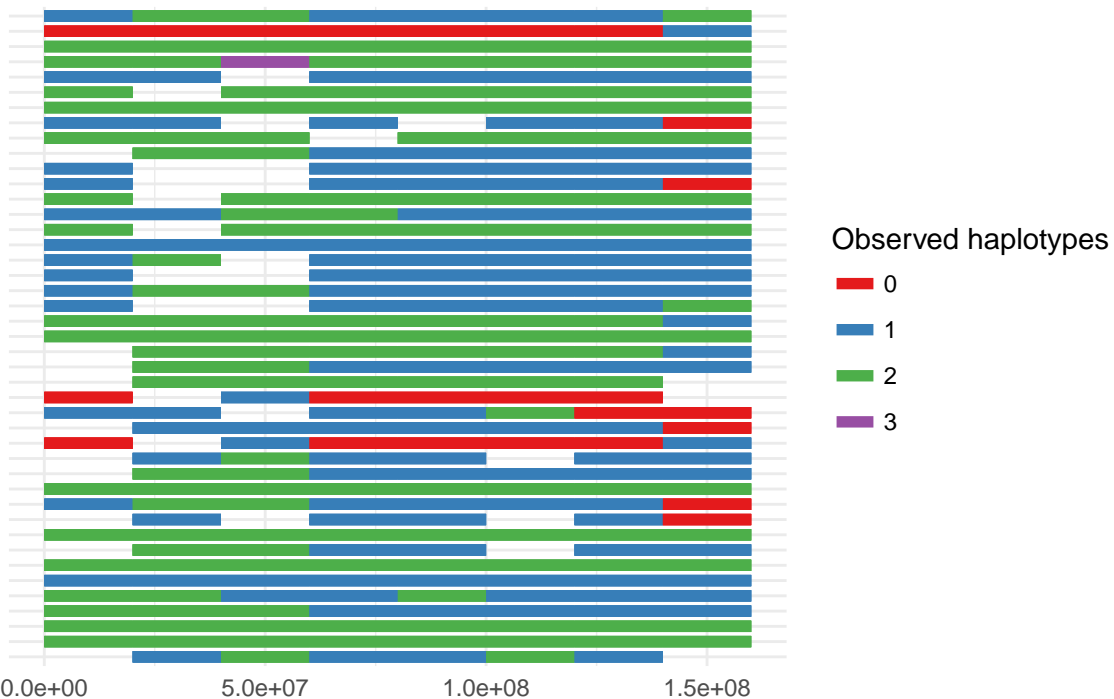
HCC 4 HanXRQChr12 10MB window haplotypecount



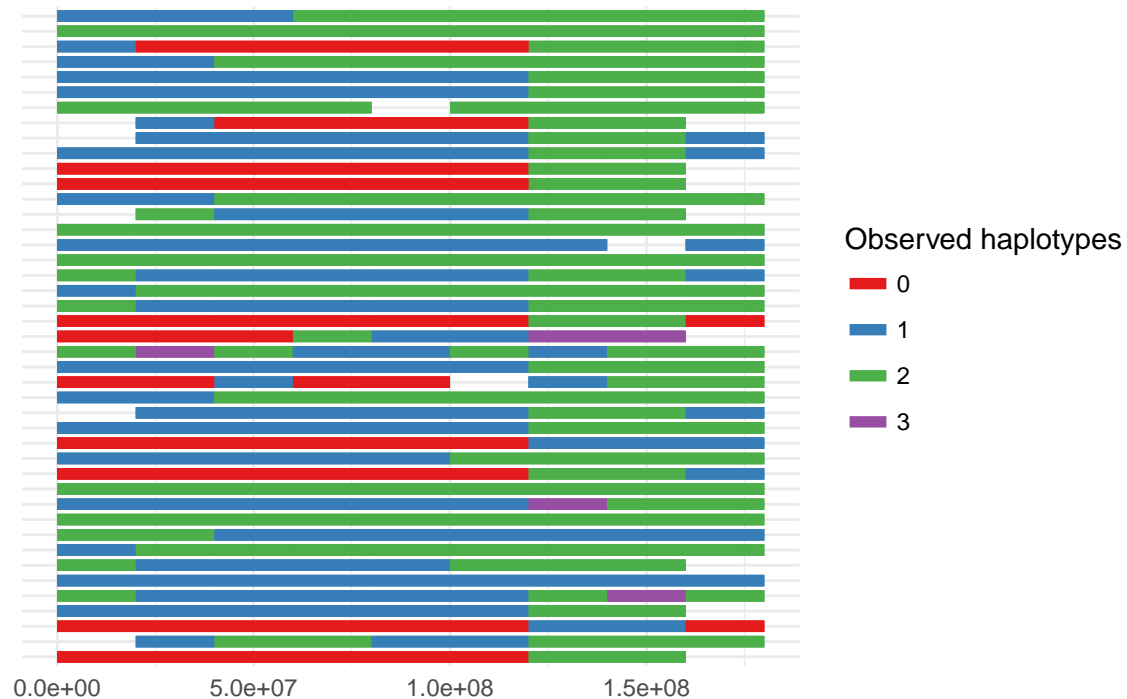
HCC 4 HanXRQChr13 10MB window haplotypecount



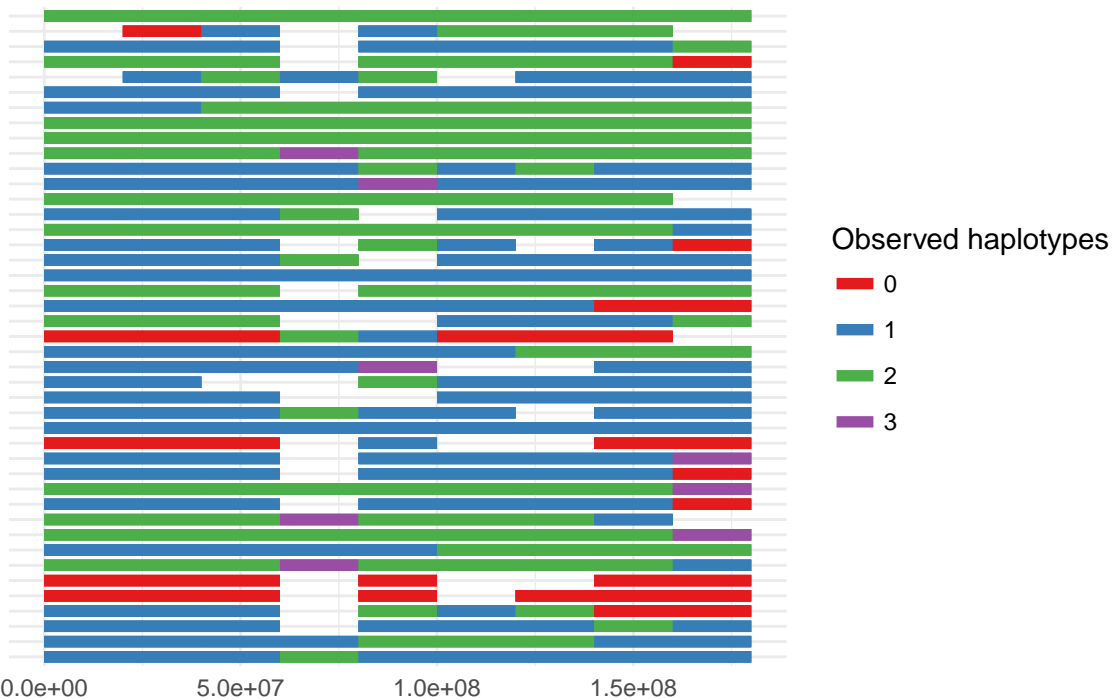
HCC 4 HanXRQChr14 10MB window haplotypecount



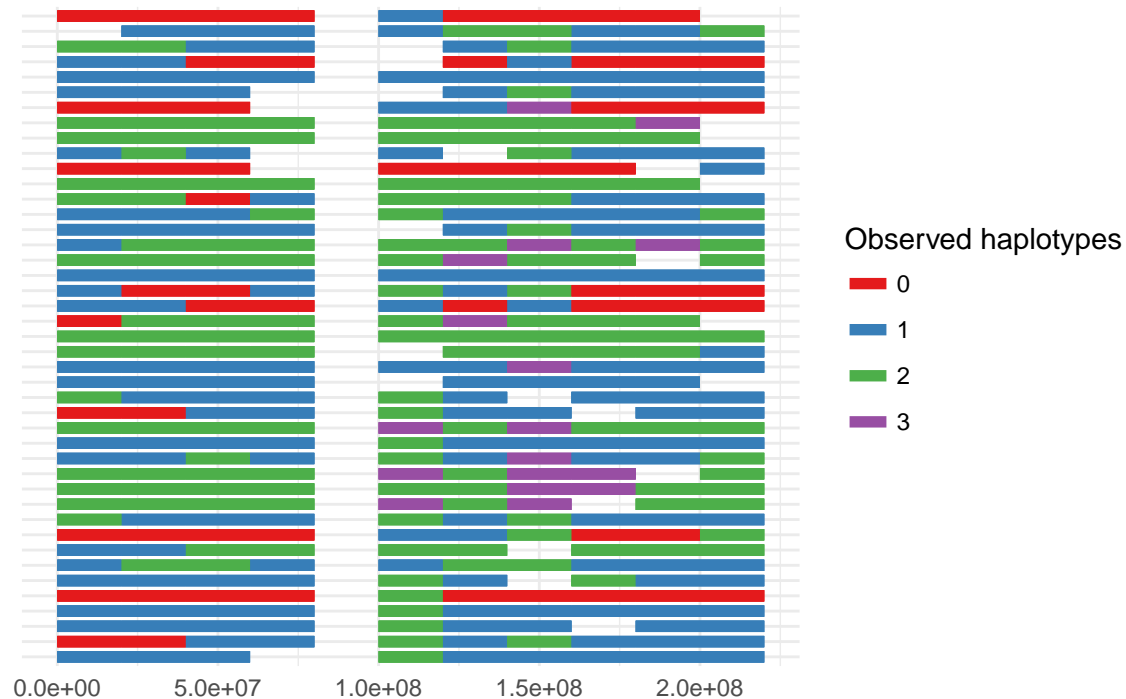
HCC 4 HanXRQChr15 10MB window haplotypecount



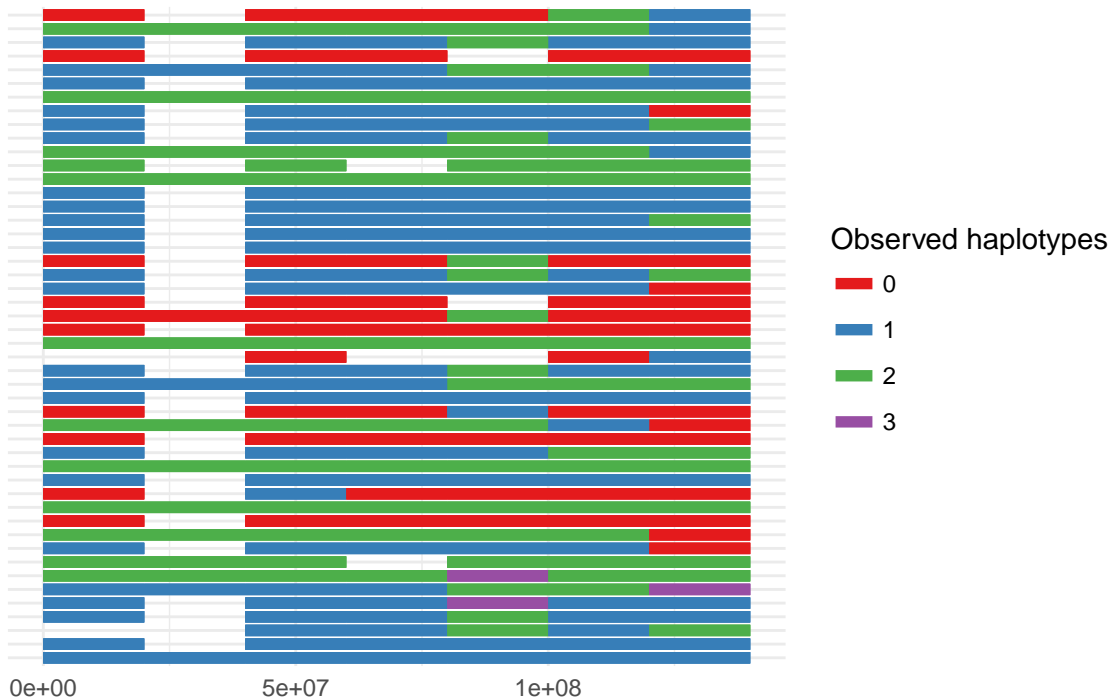
HCC 4 HanXRQChr16 10MB window haplotypecount



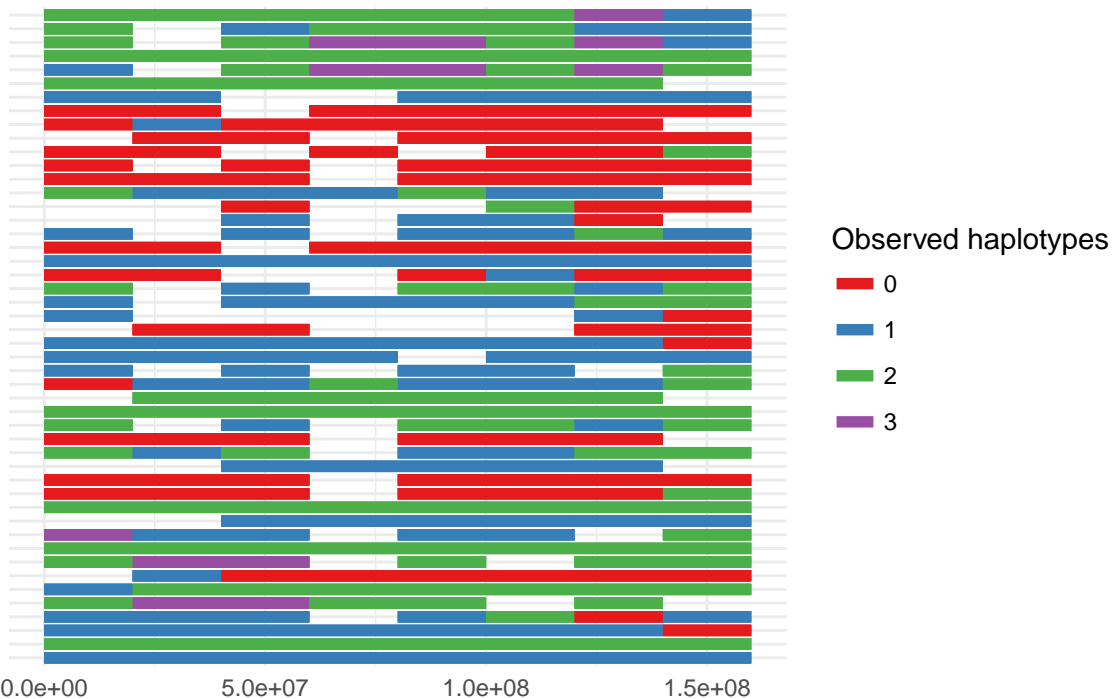
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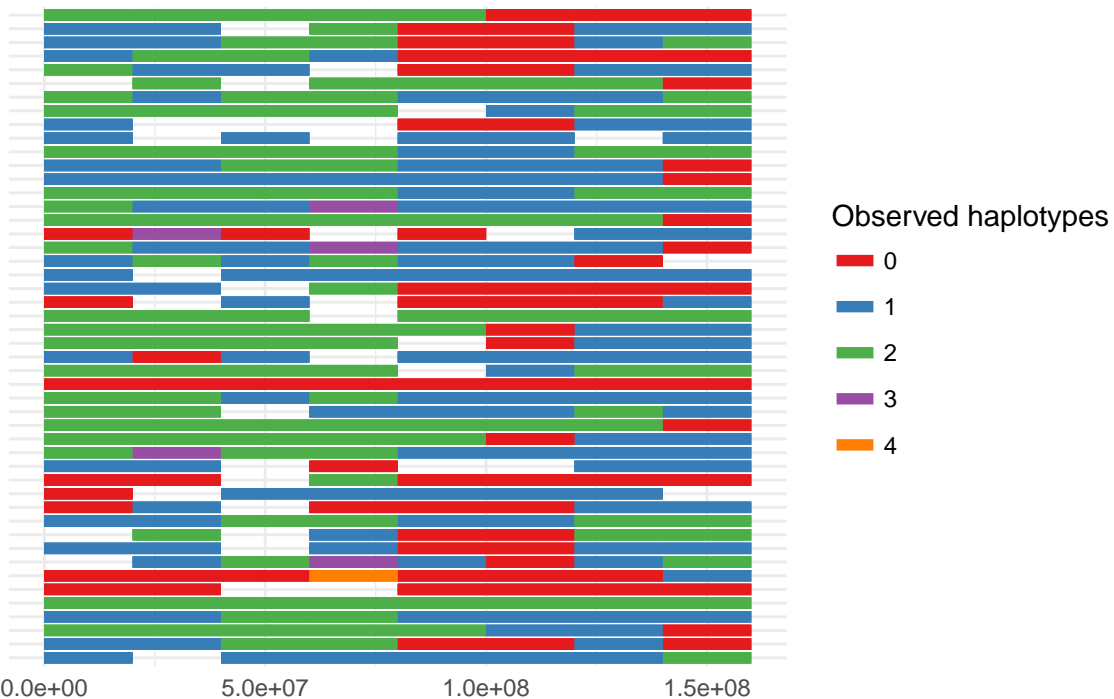
HCC 5 HanXRQChr01 10MB window haplotypecount



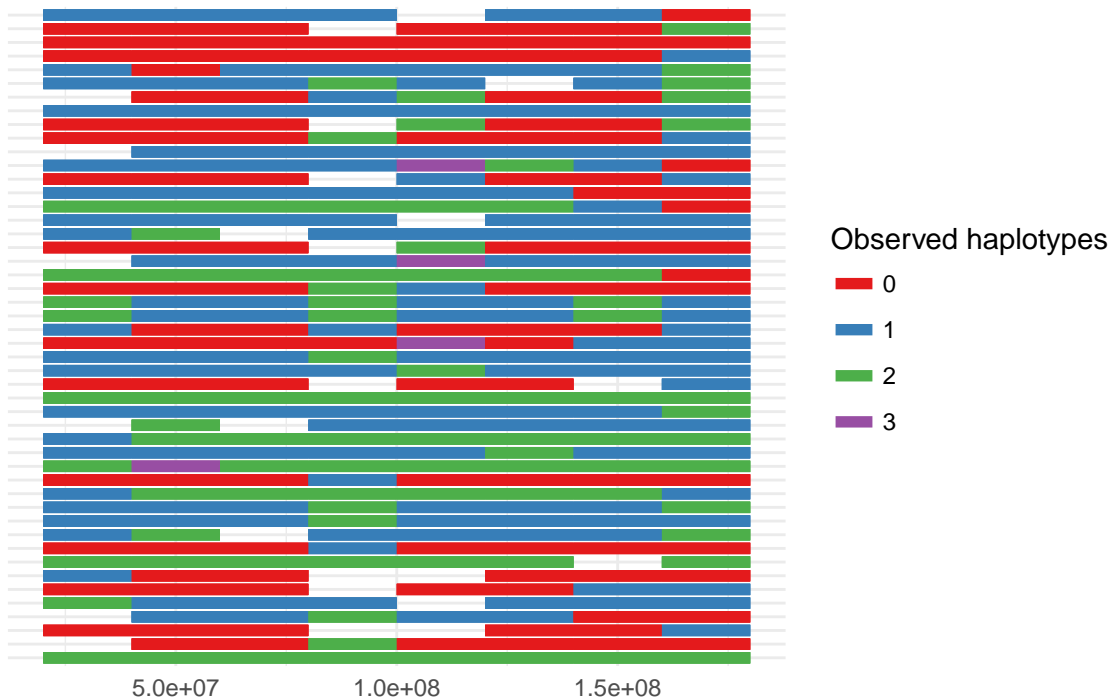
HCC 5 HanXRQChr02 10MB window haplotypecount



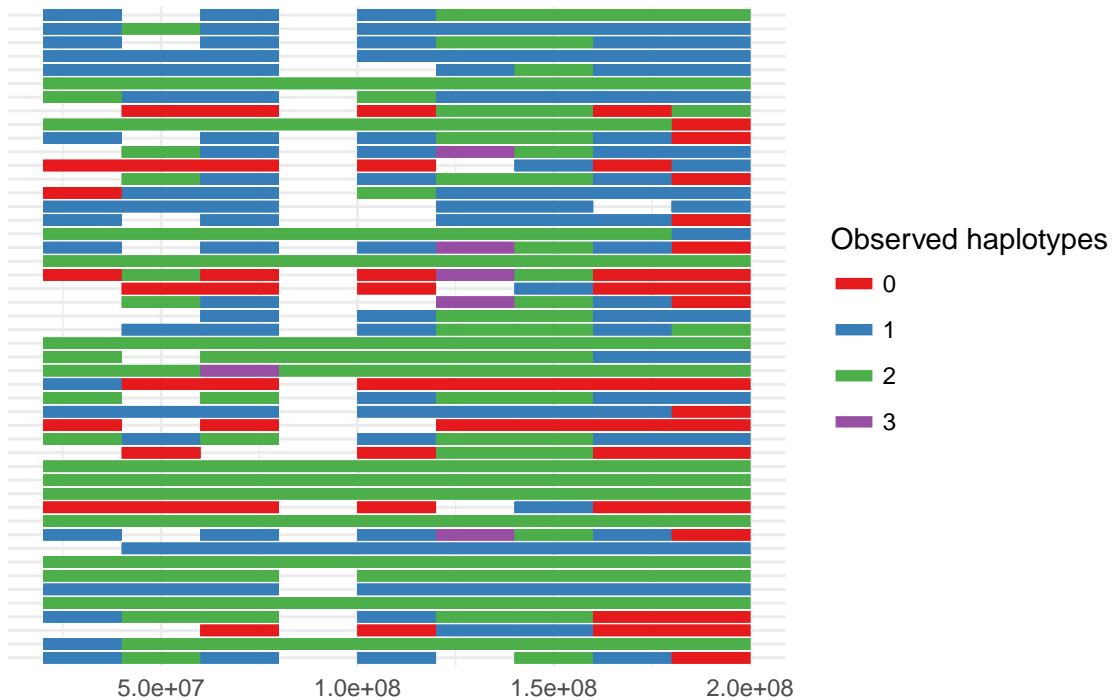
HCC 5 HanXRQChr03 10MB window haplotypecount



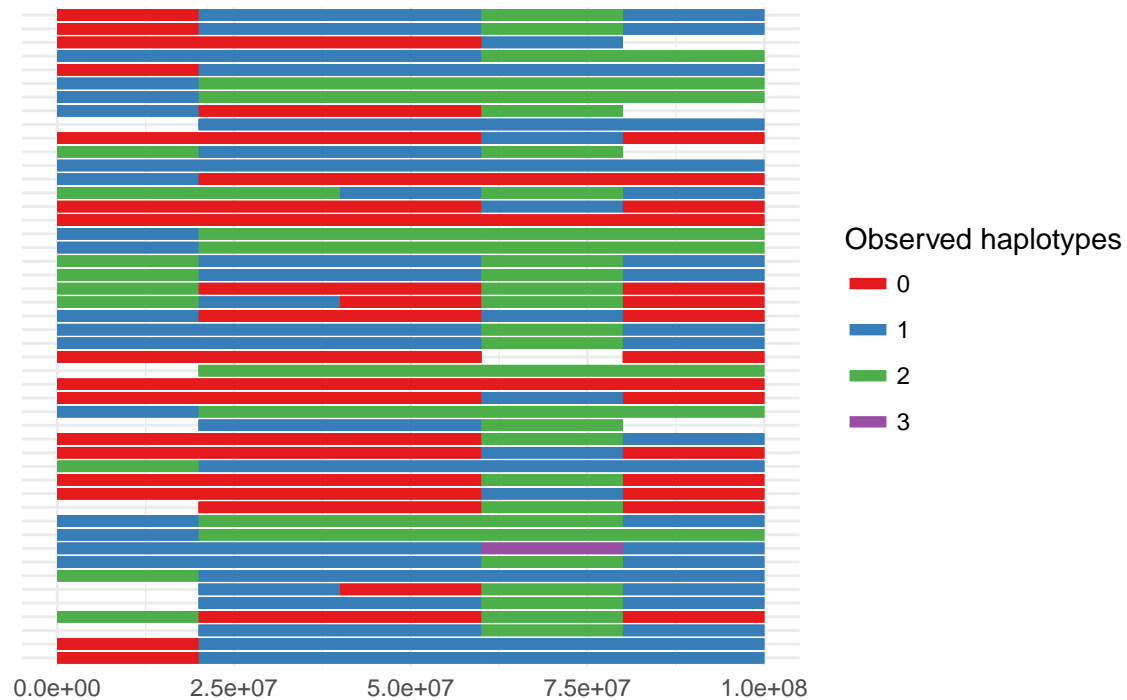
HCC 5 HanXRQChr04 10MB window haplotypecount



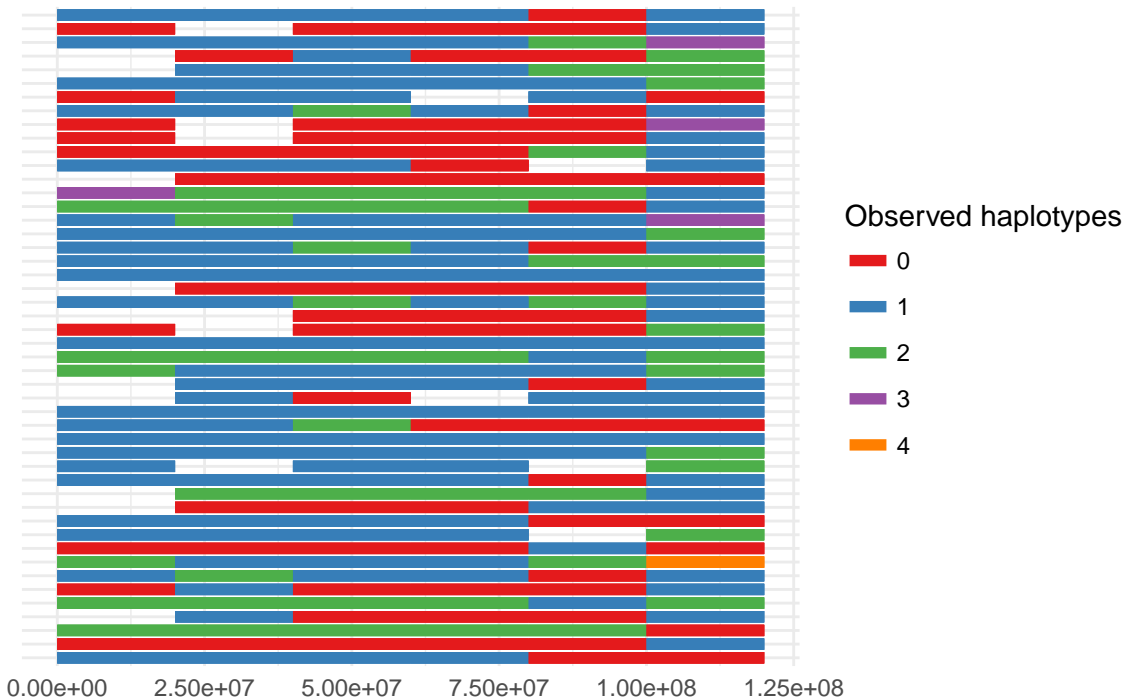
HCC 5 HanXRQChr05 10MB window haplotypecount



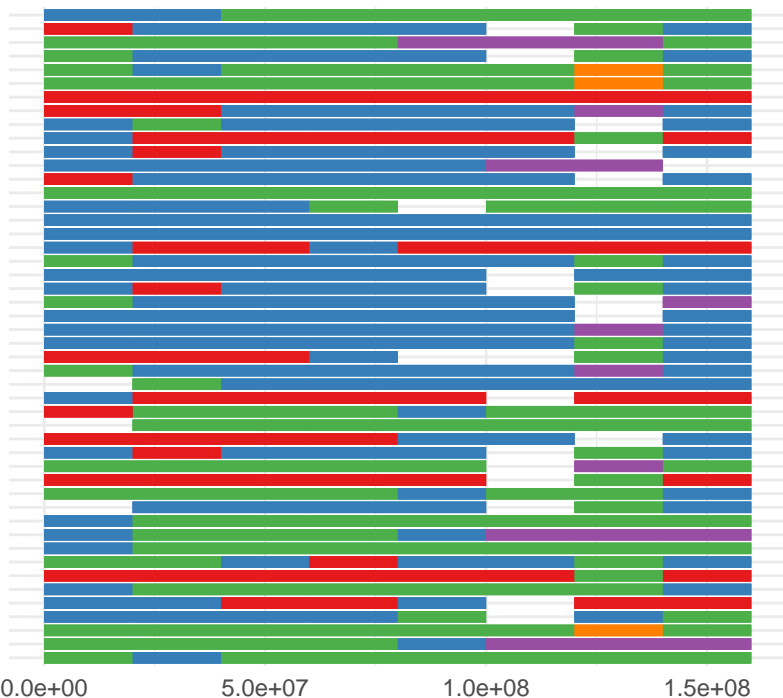
HCC 5 HanXRQChr06 10MB window haplotypecount



HCC 5 HanXRQChr07 10MB window haplotypecount



HCC 5 HanXRQChr08 10MB window haplotypecount



Observed haplotypes

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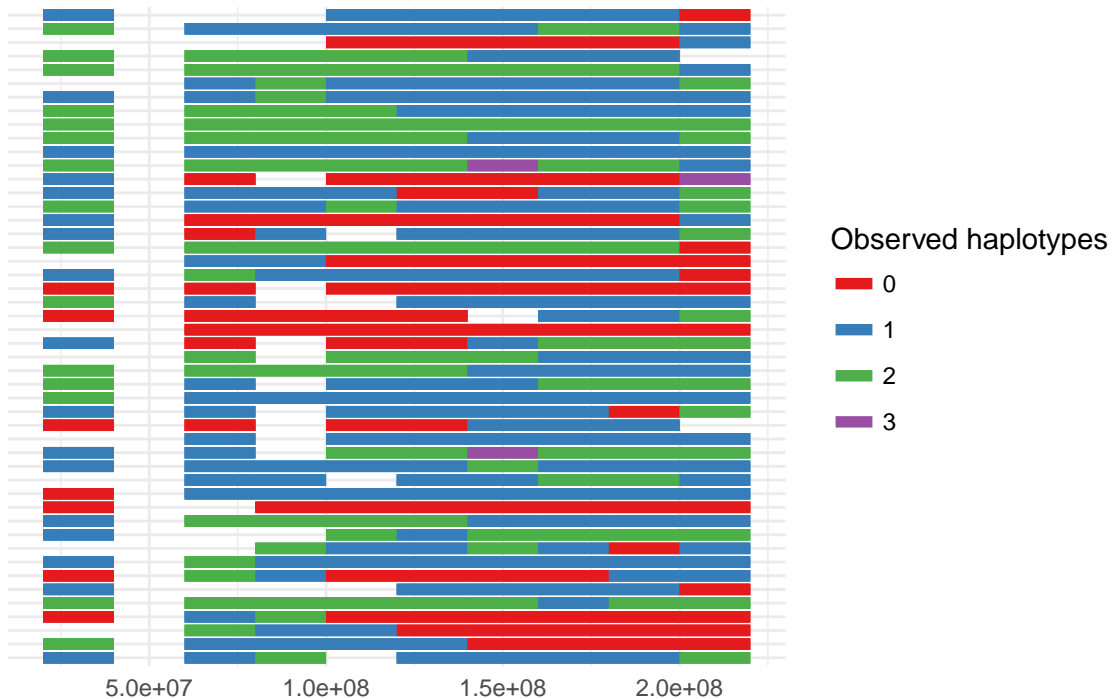
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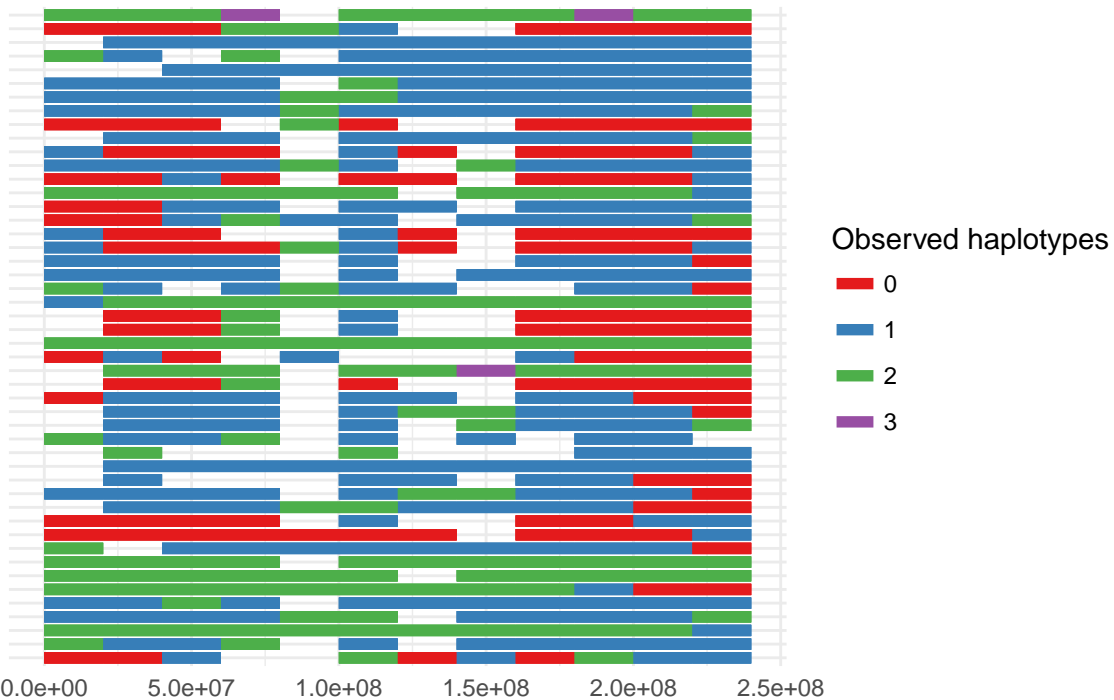
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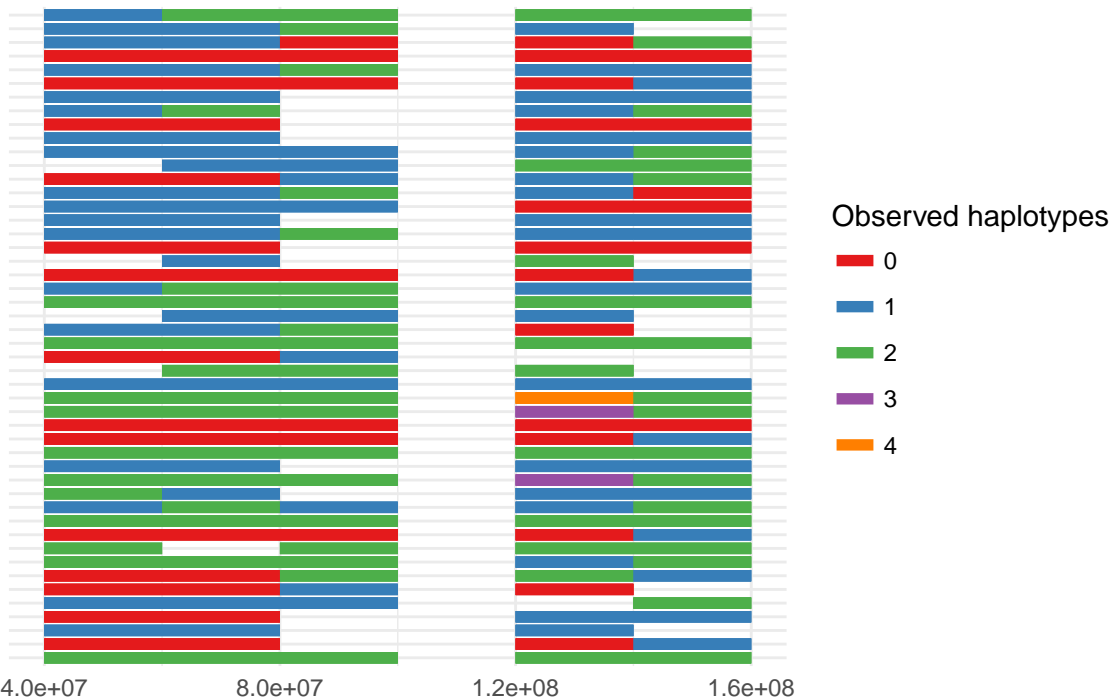
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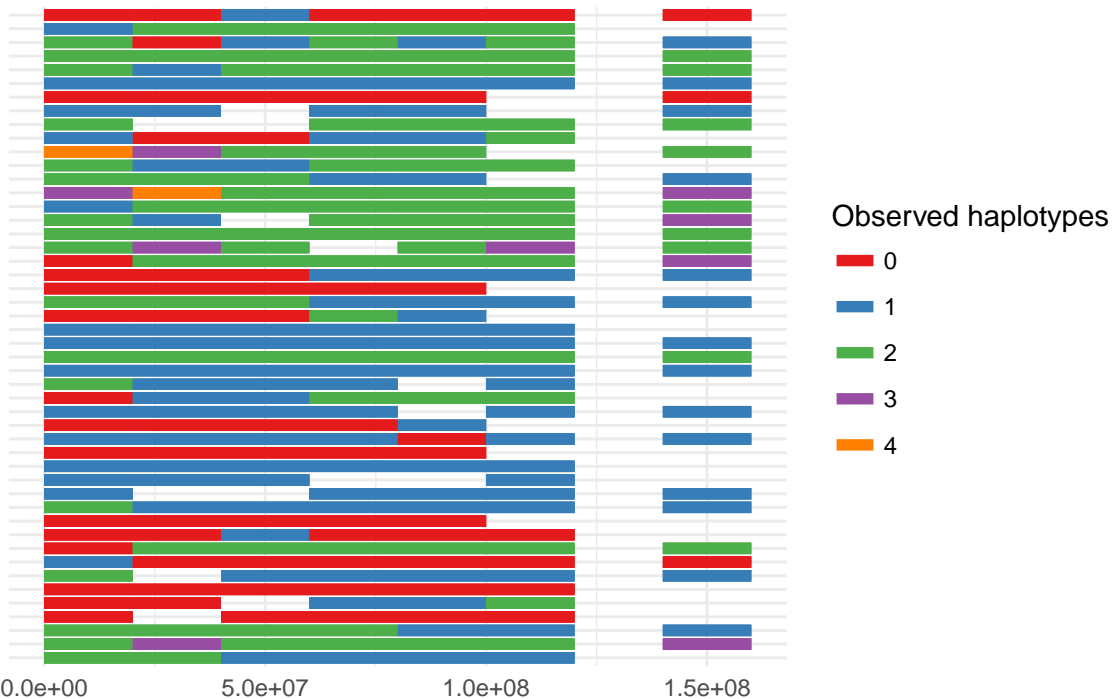
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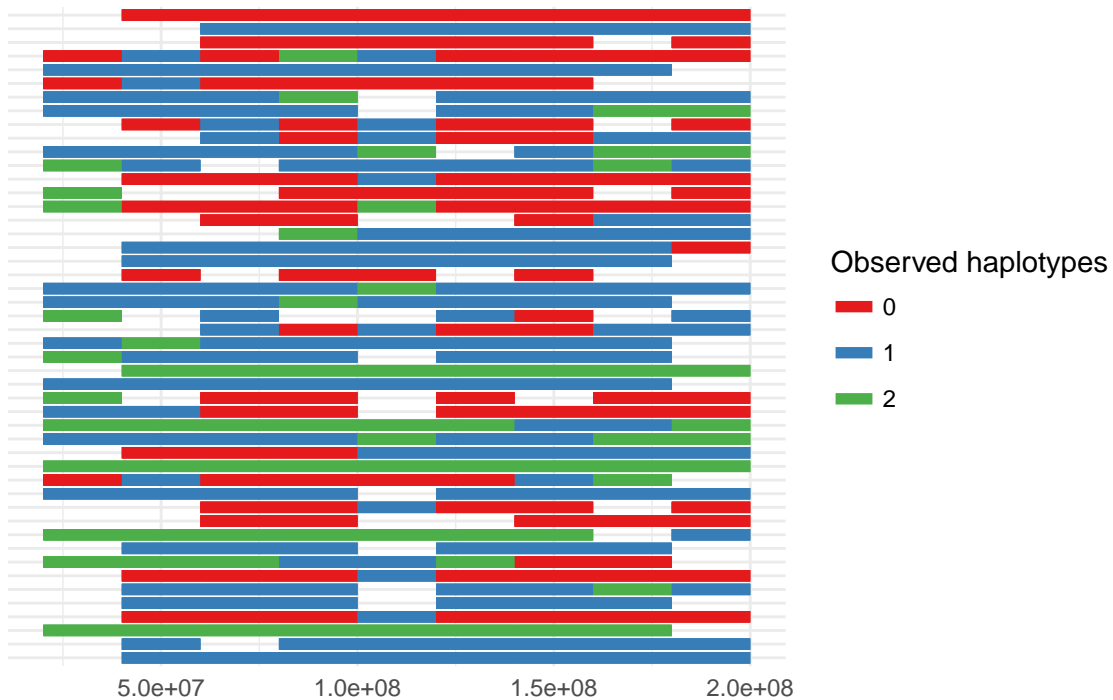
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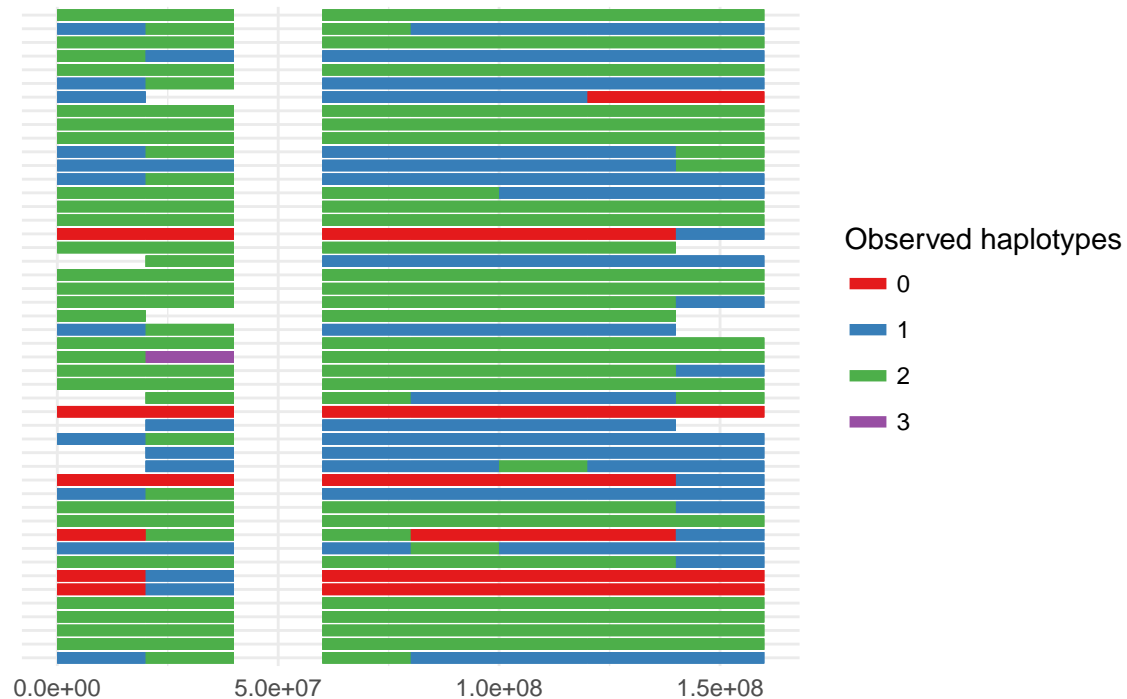
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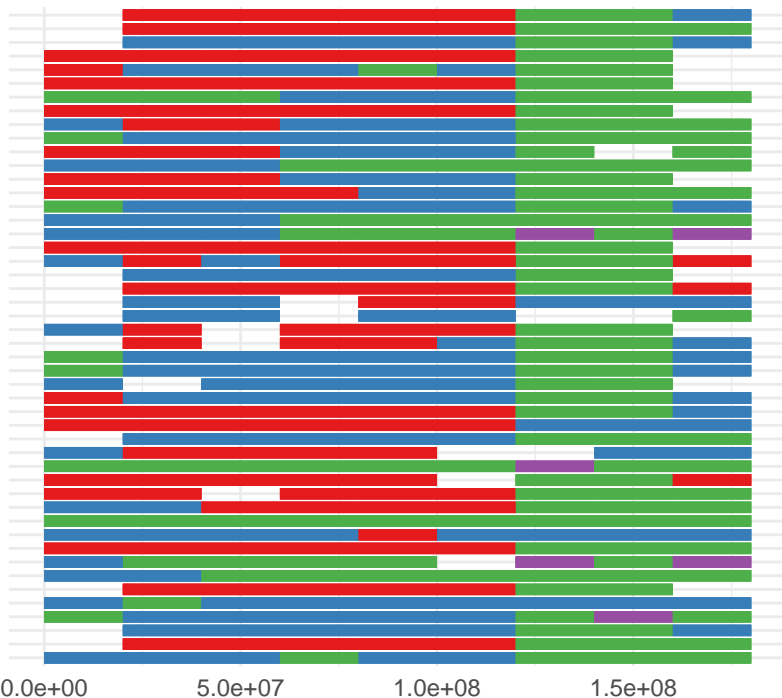
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HCC 5 HanXRQChr14 10MB window haplotypecount



HCC 5 HanXRQChr15 10MB window haplotypecount



Observed haplotypes

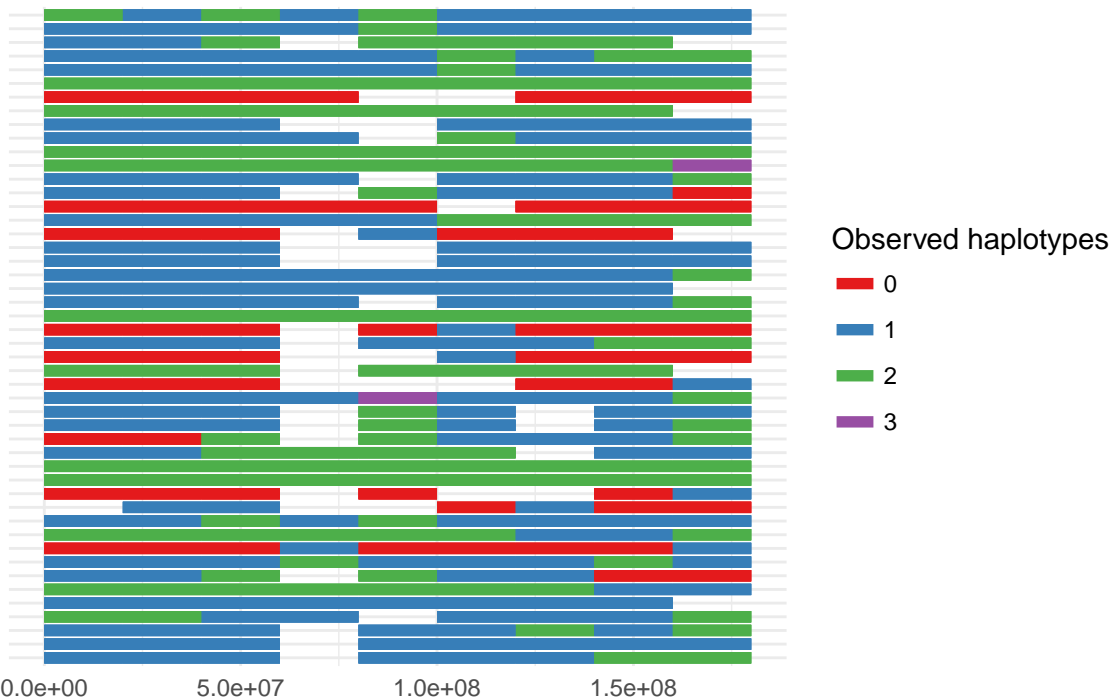
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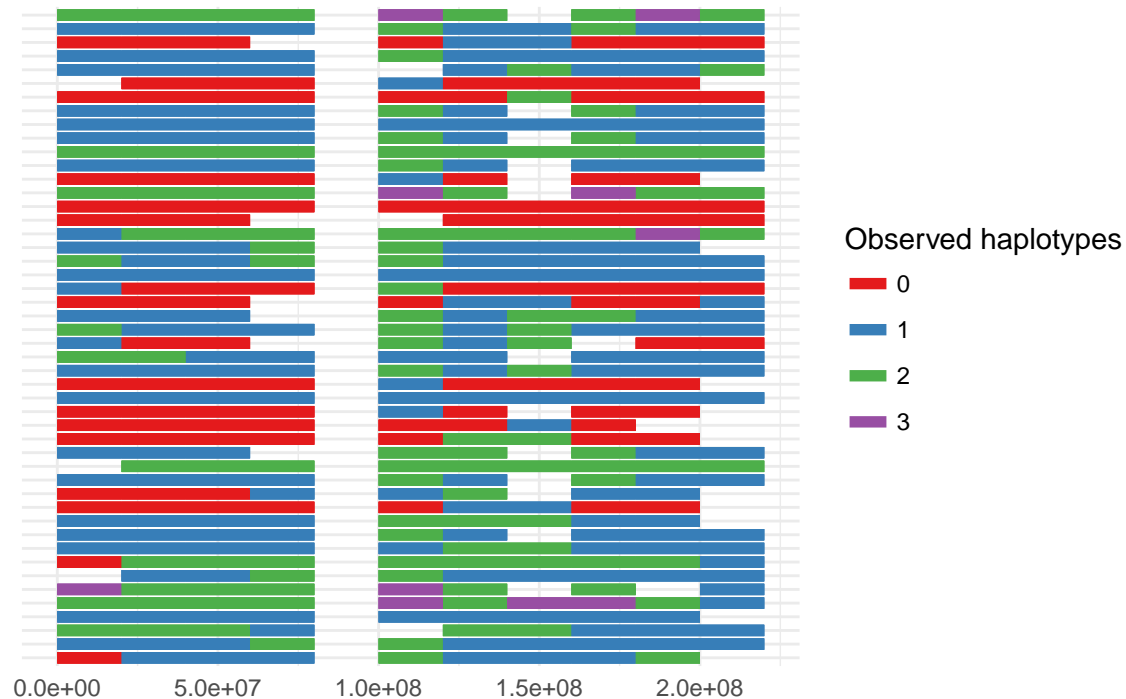
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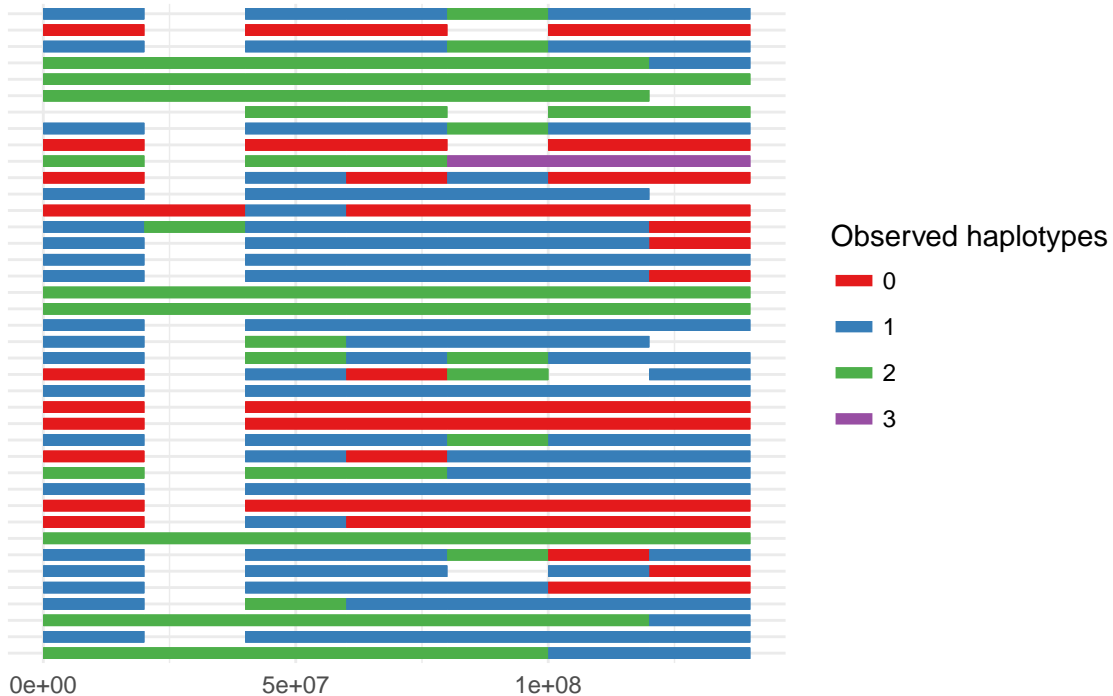
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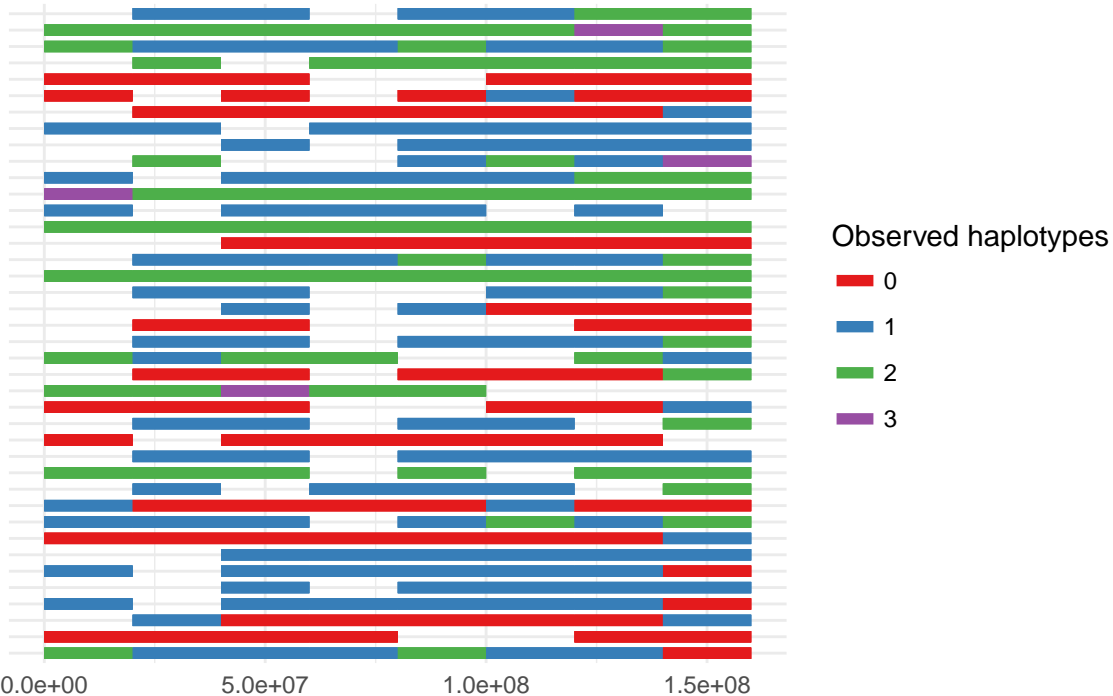
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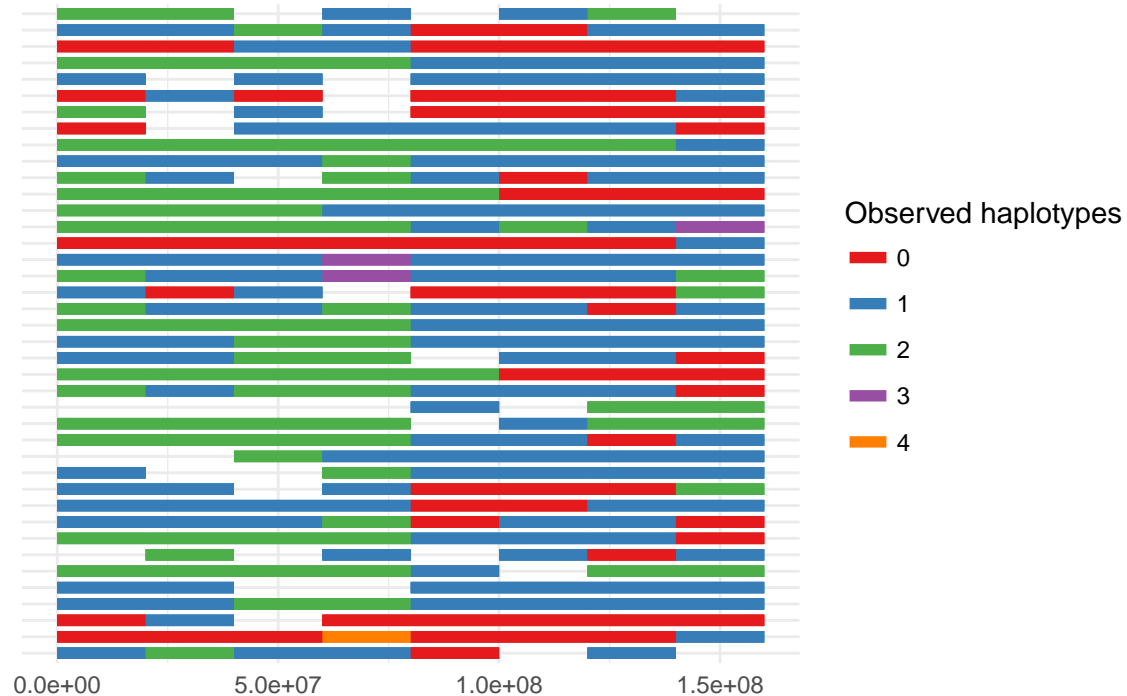
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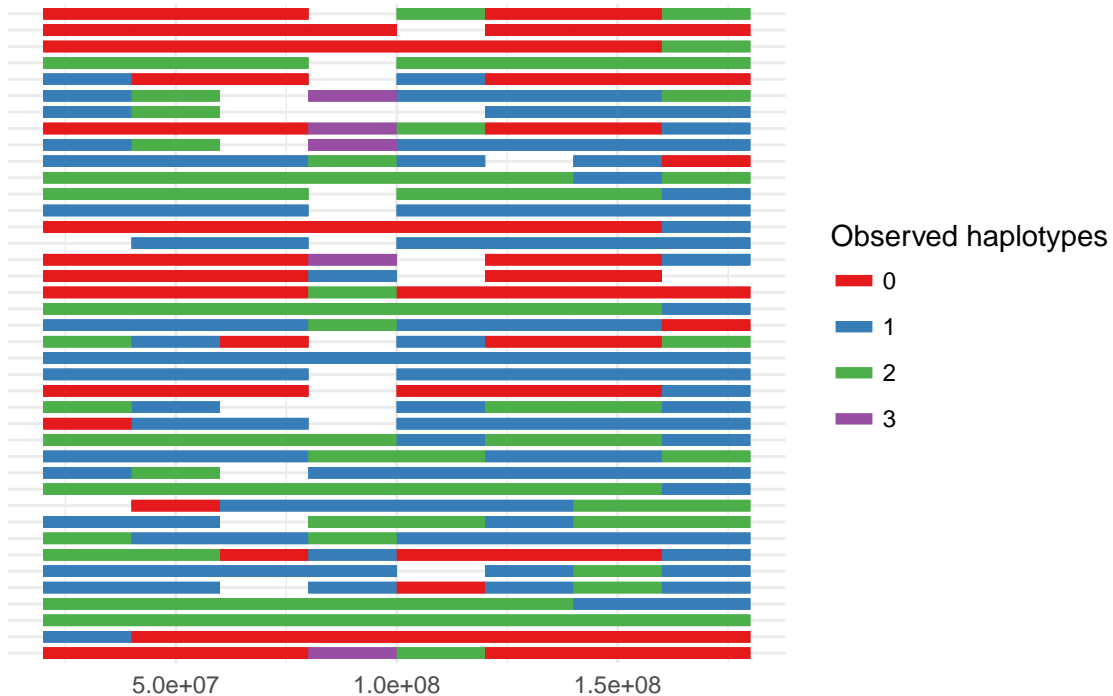
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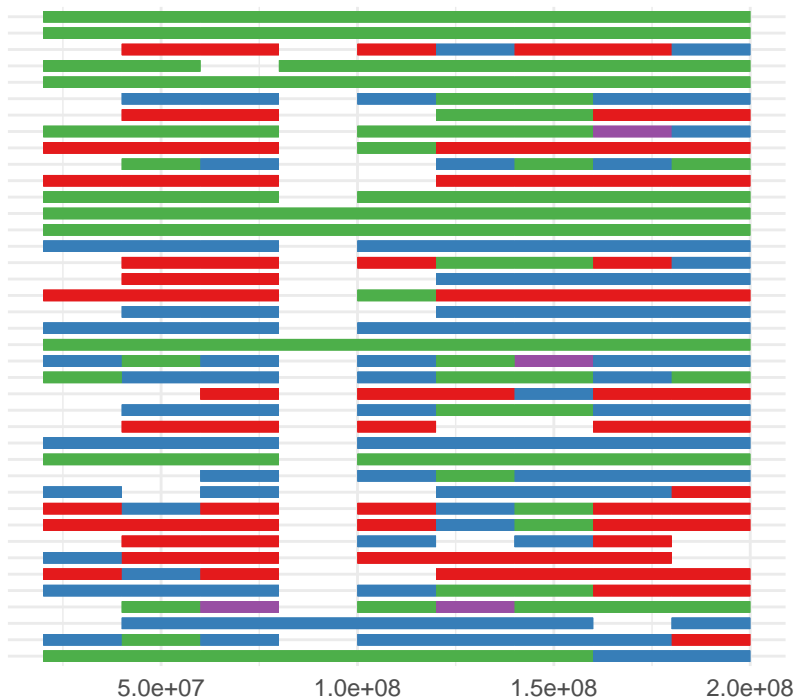
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HCC 6 HanXRQChr04 10MB window haplotypecount



HCC 6 HanXRQChr05 10MB window haplotypecount



Observed haplotypes

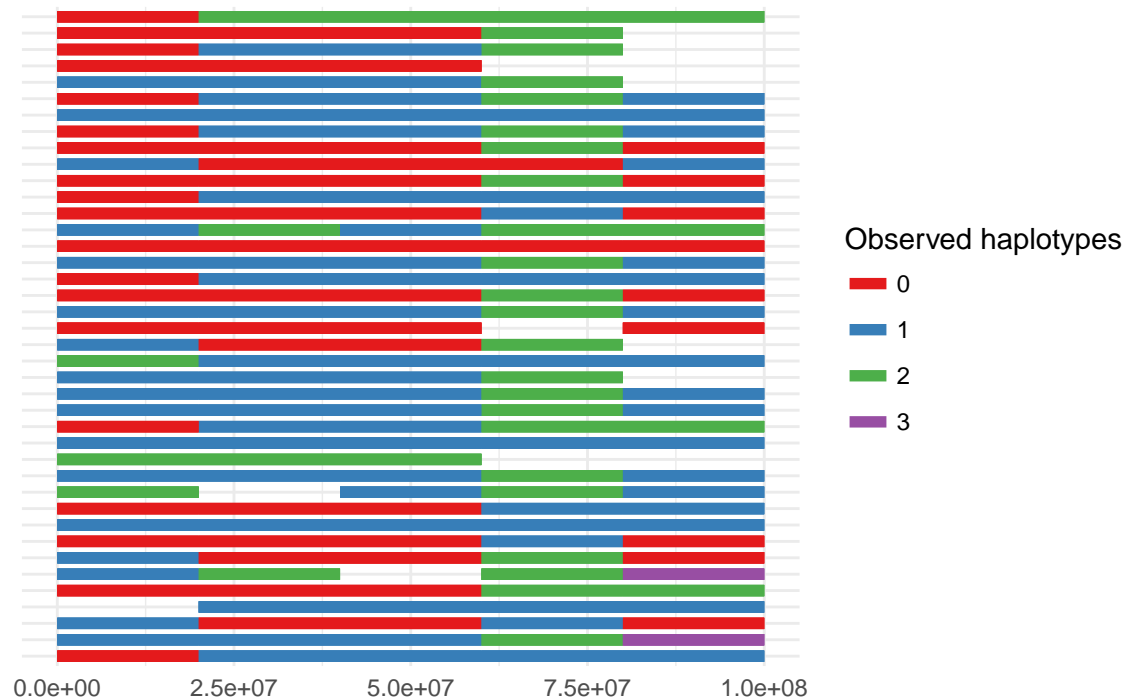
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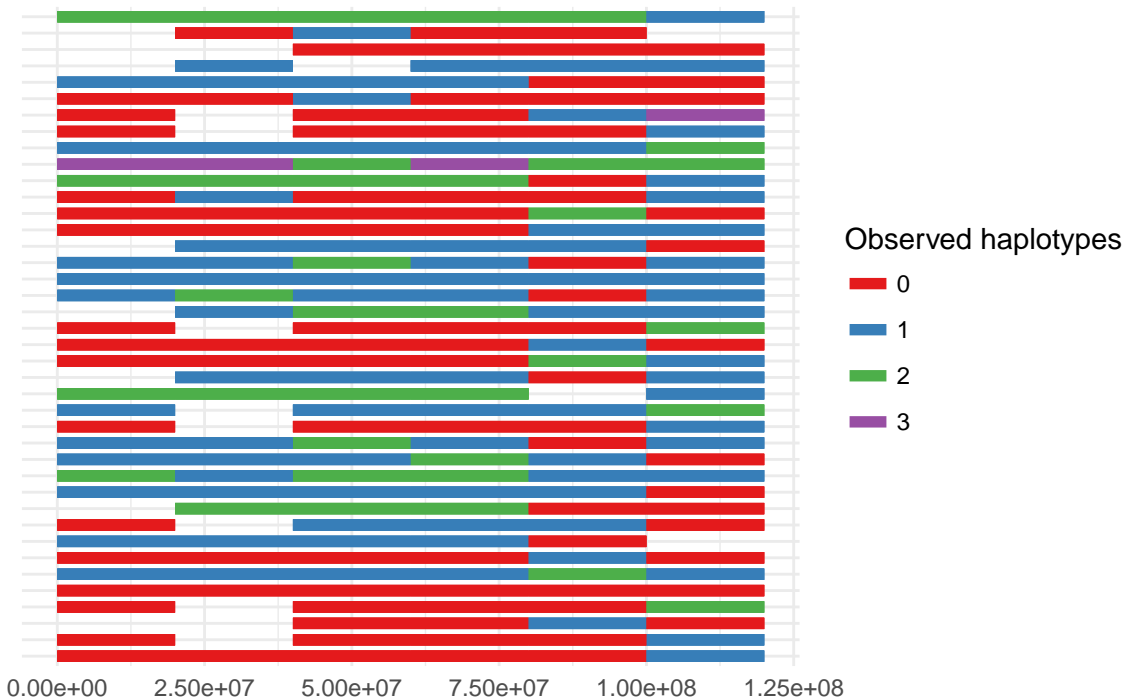
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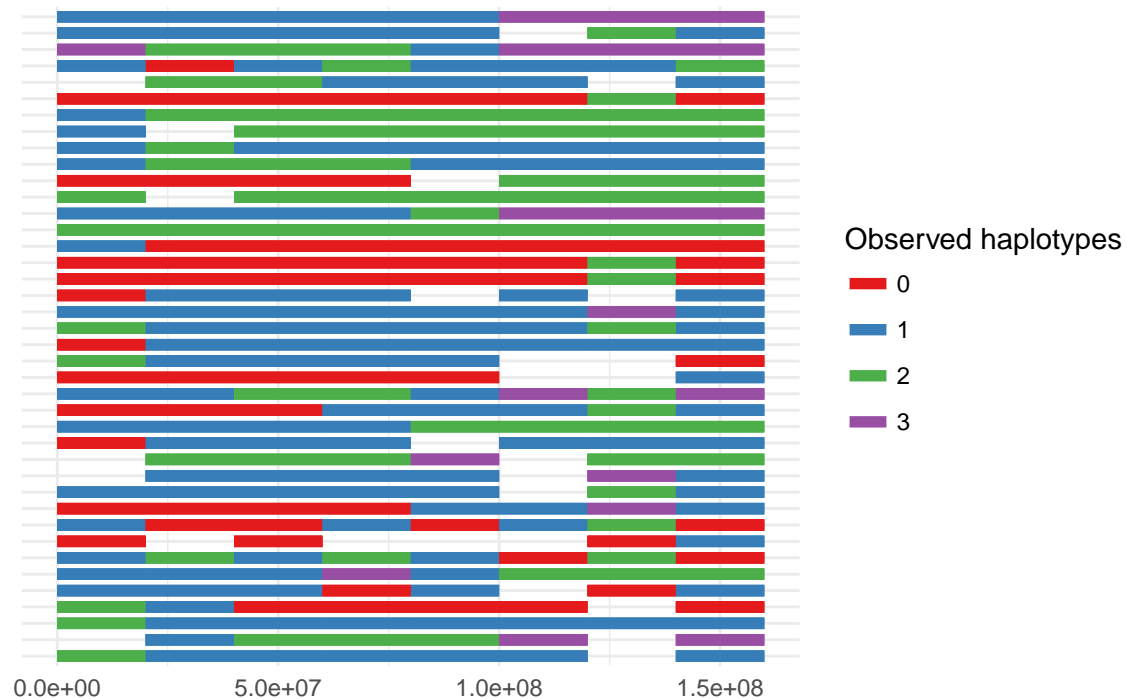
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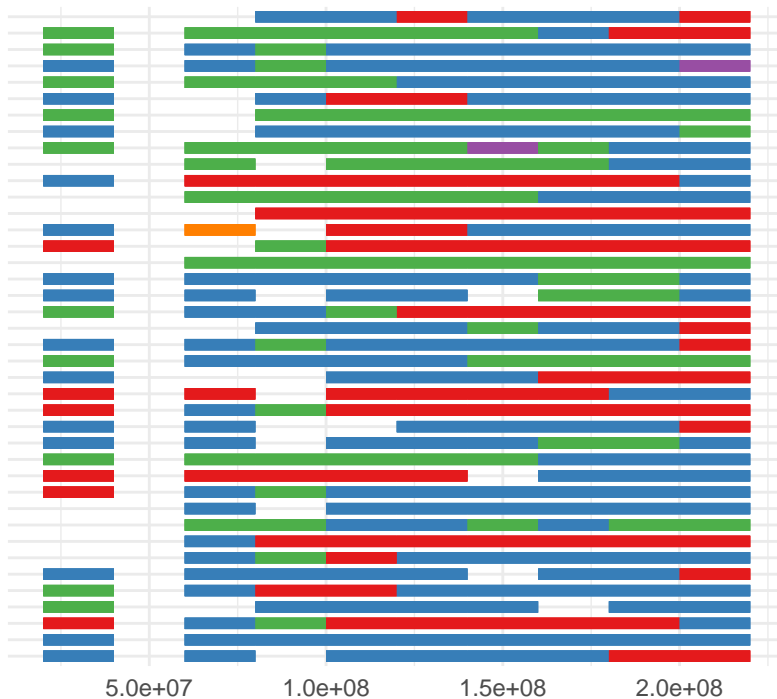
HCC 6 HanXRQChr07 10MB window haplotypecount



HCC 6 HanXRQChr08 10MB window haplotypecount



HCC 6 HanXRQChr09 10MB window haplotypecount



Observed haplotypes

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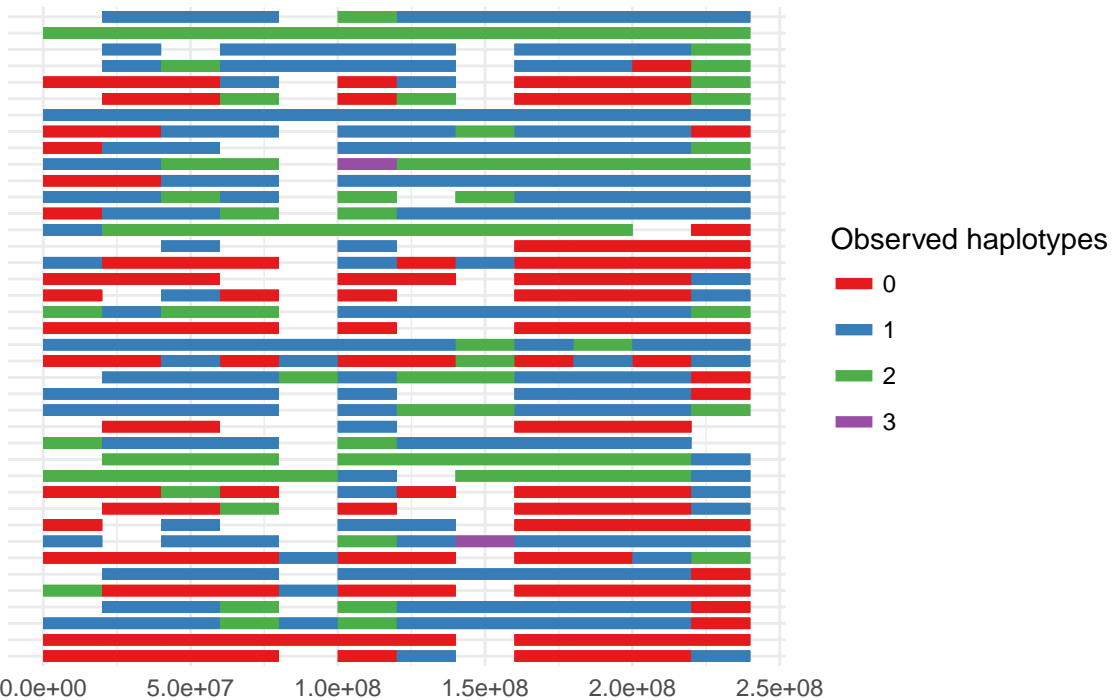
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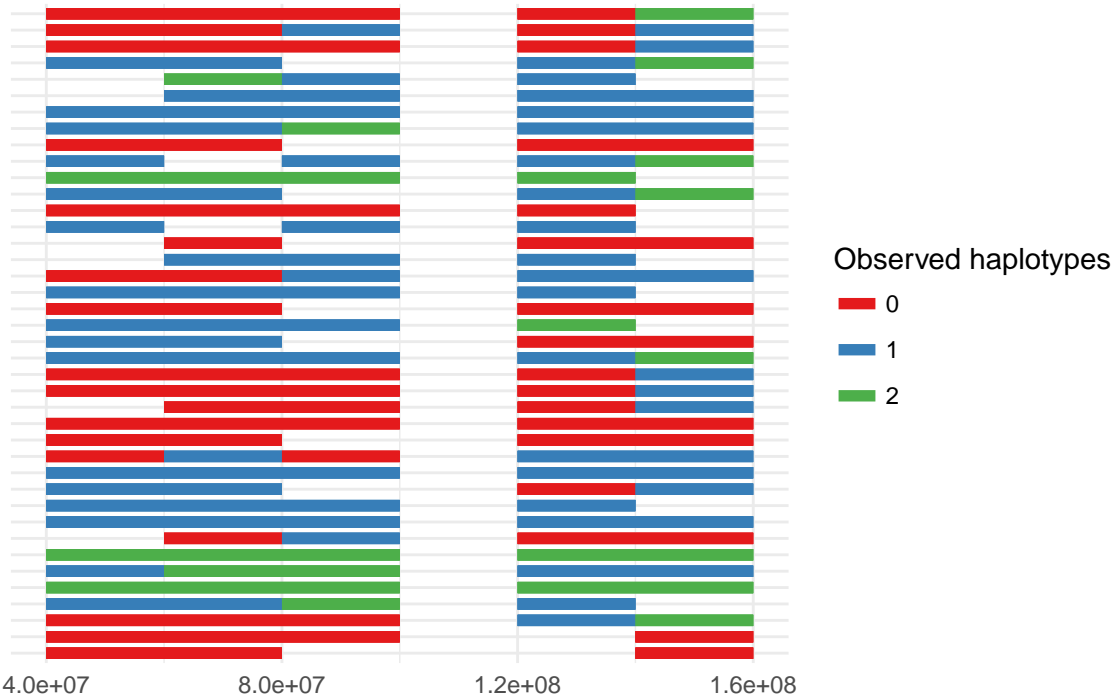
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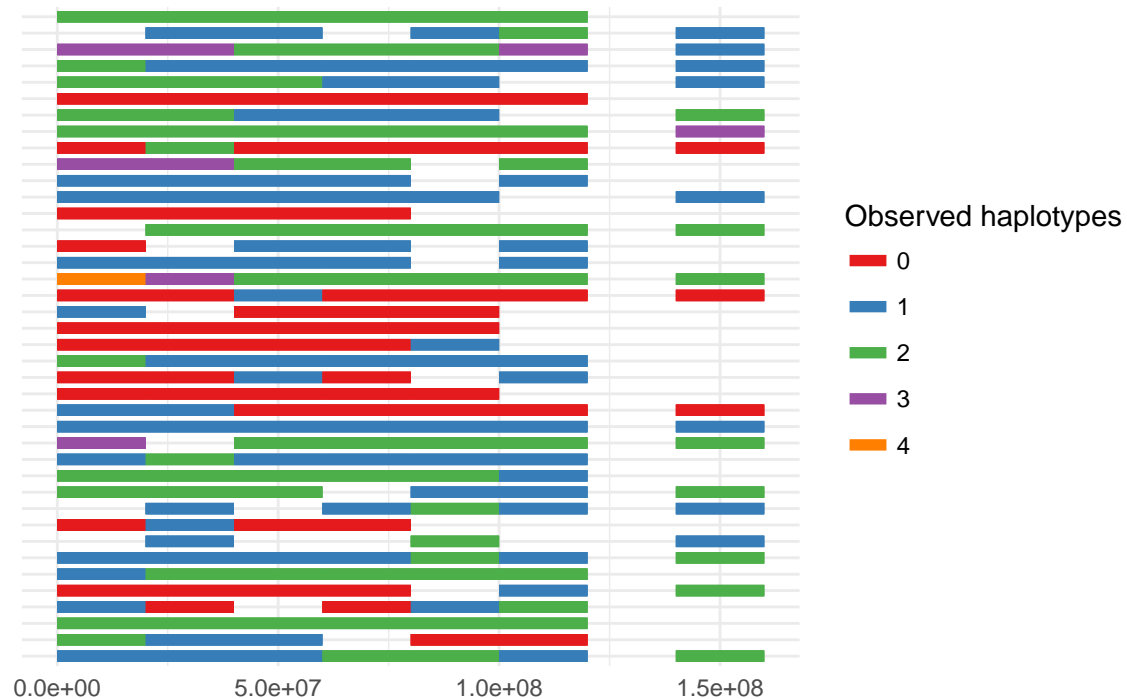
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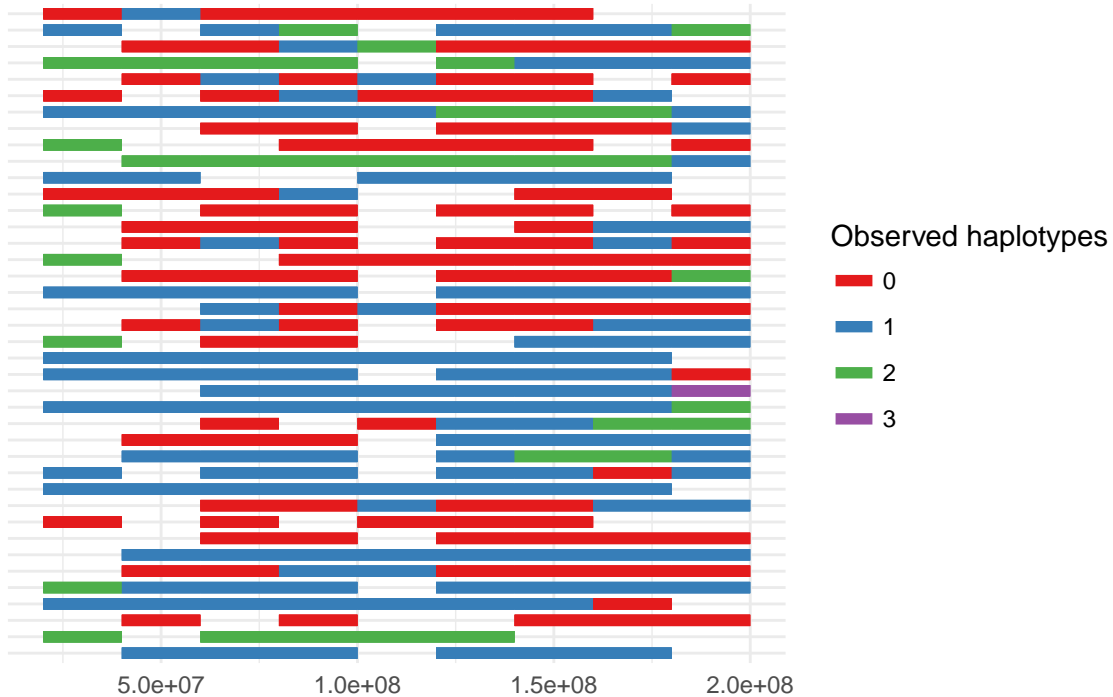
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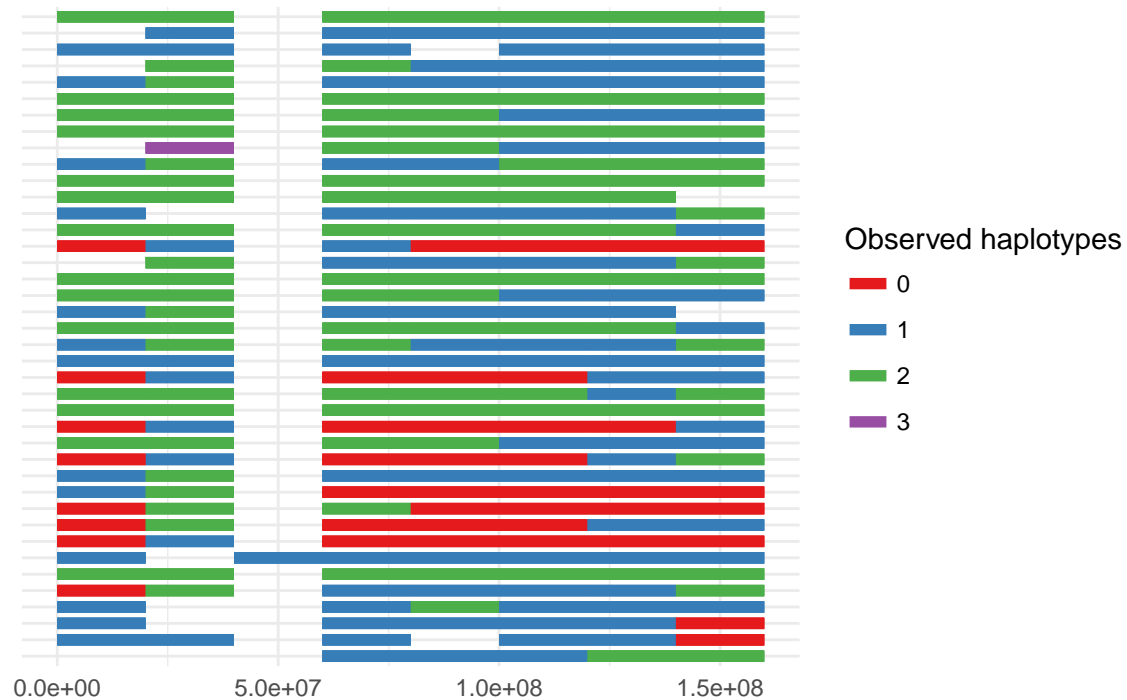
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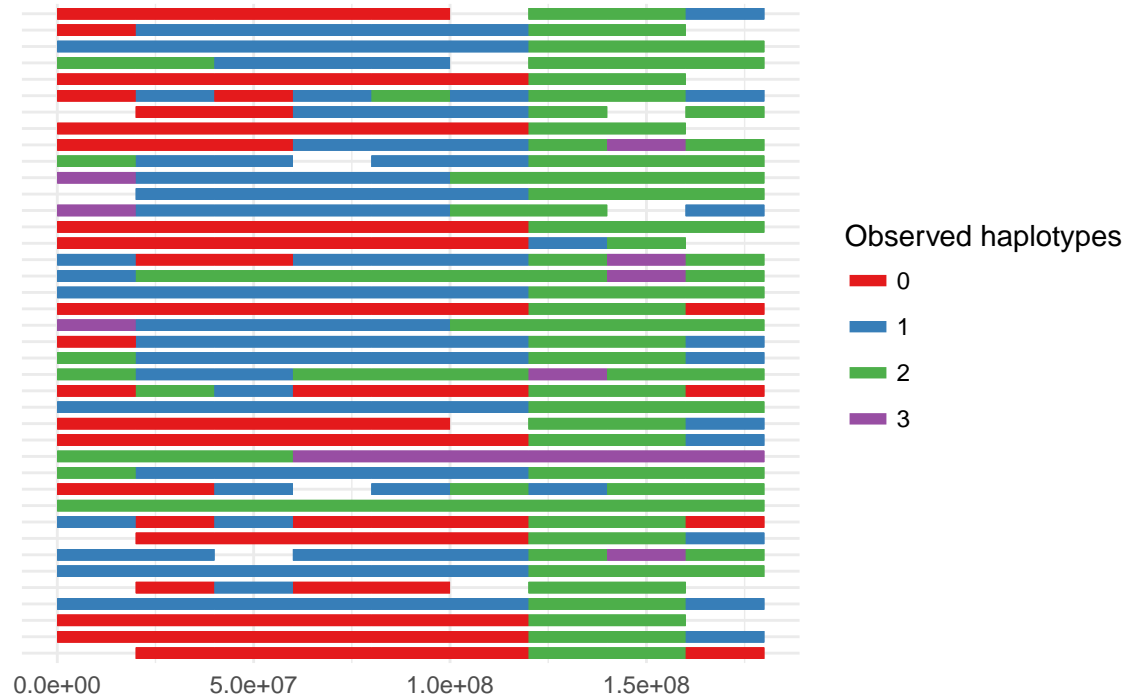
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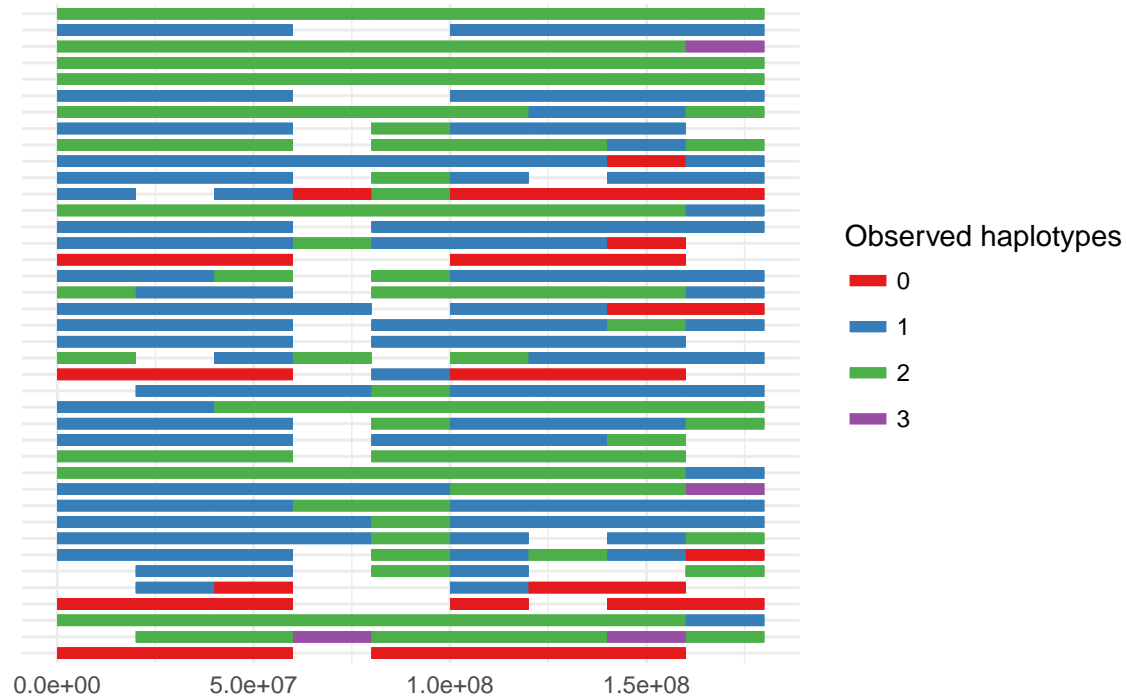
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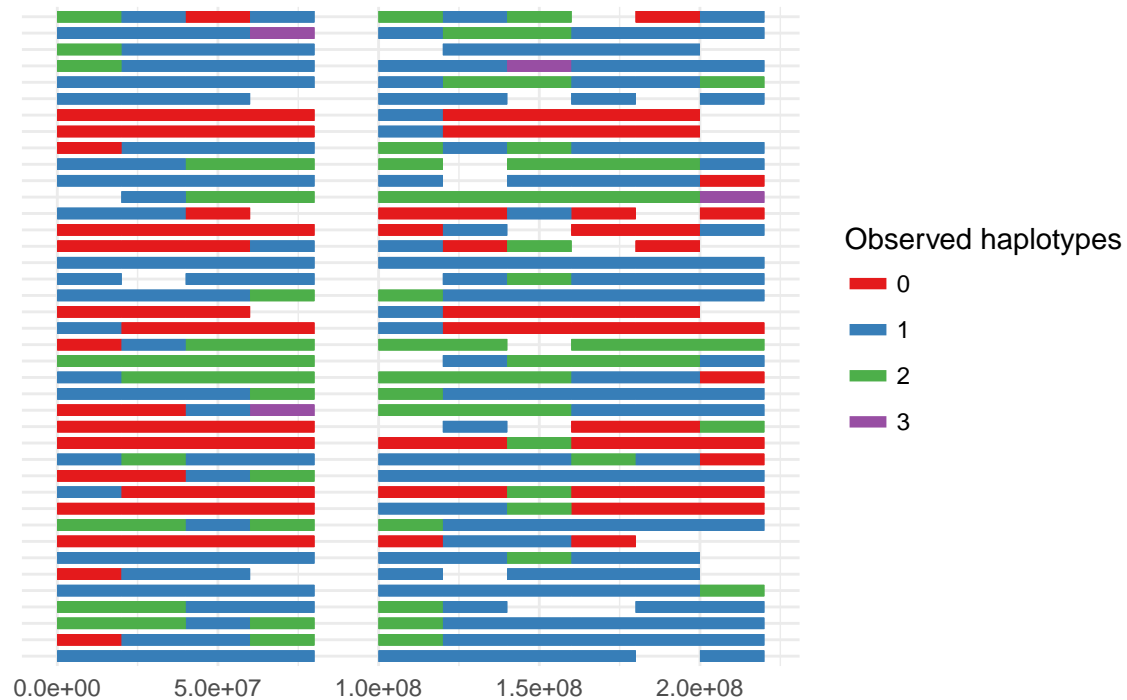
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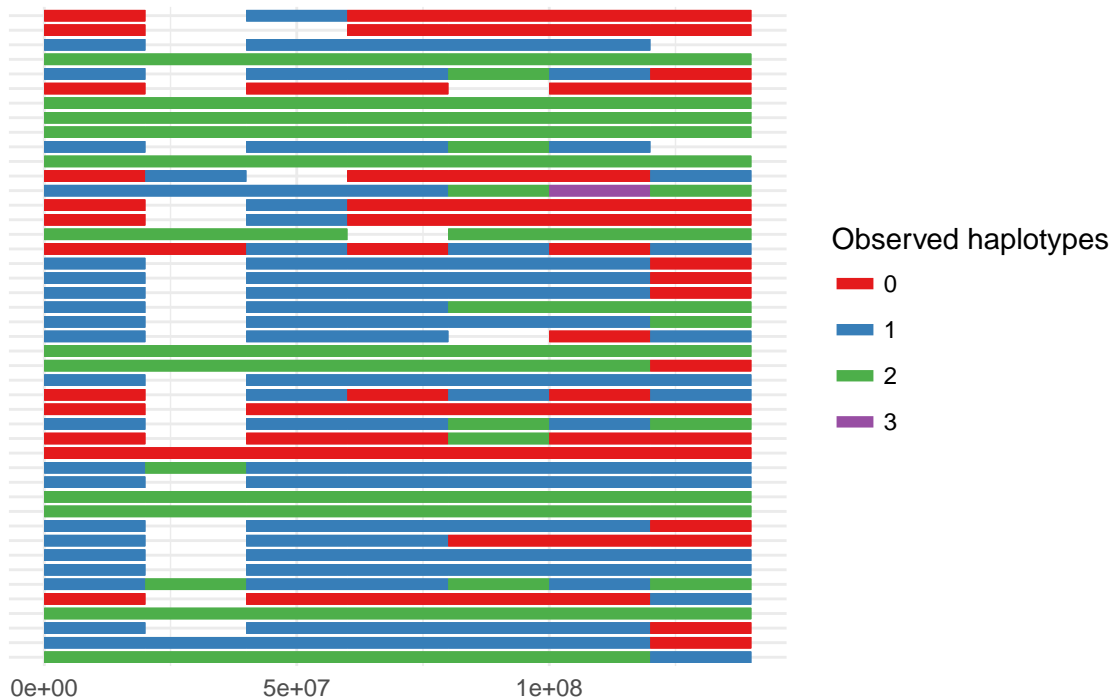
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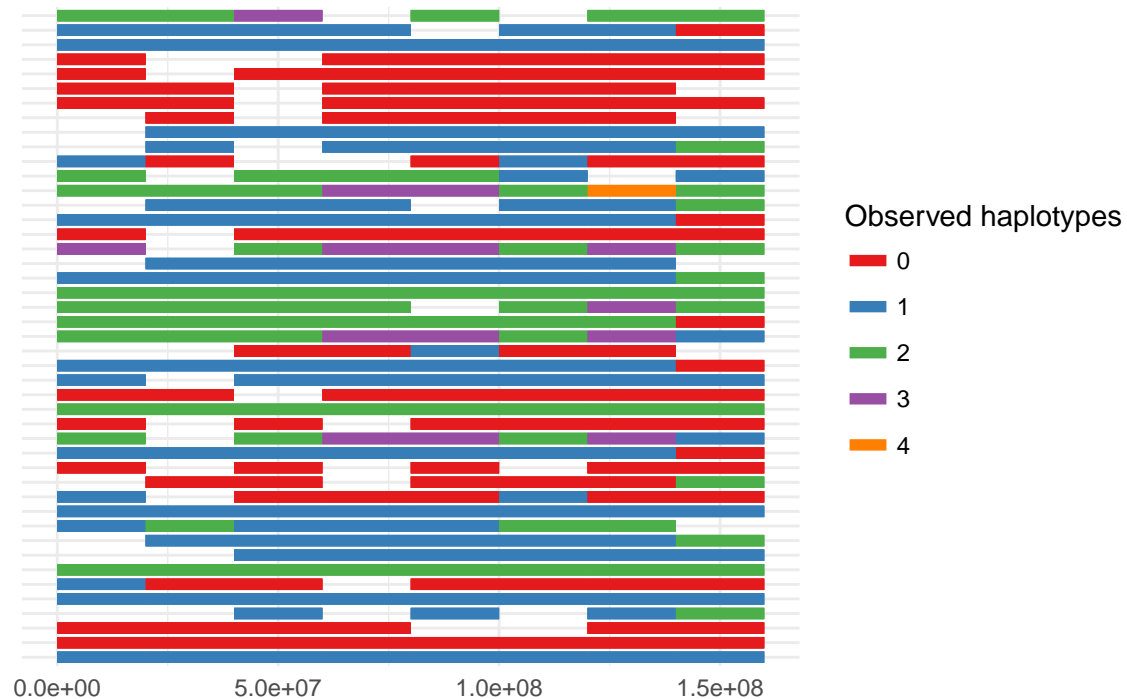
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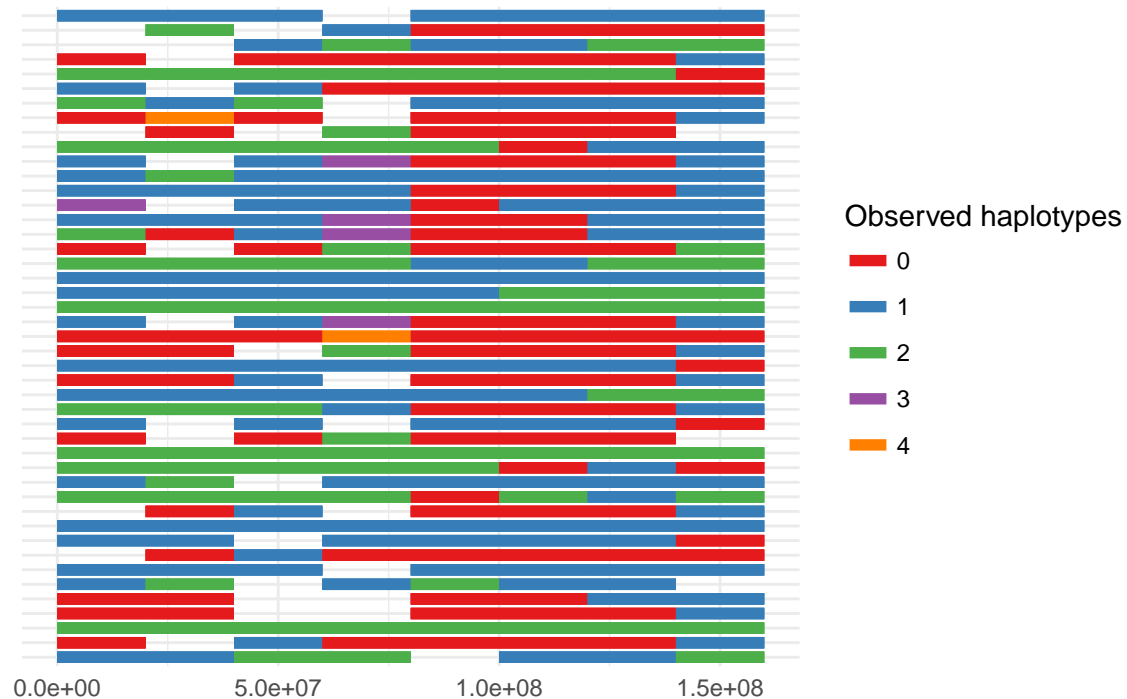
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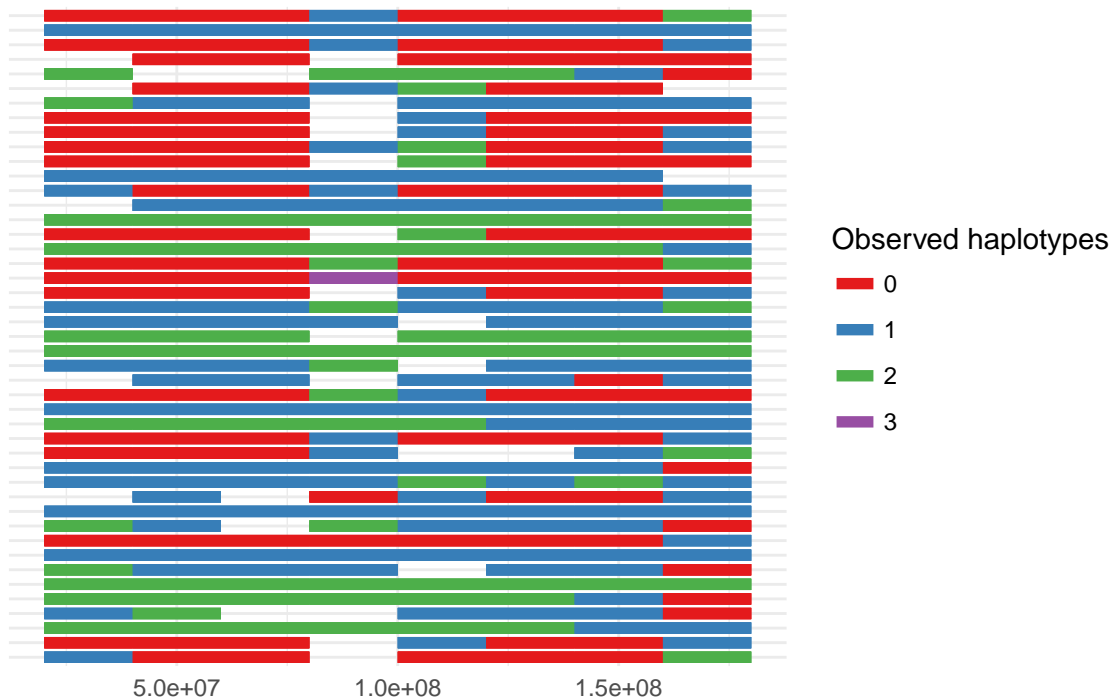
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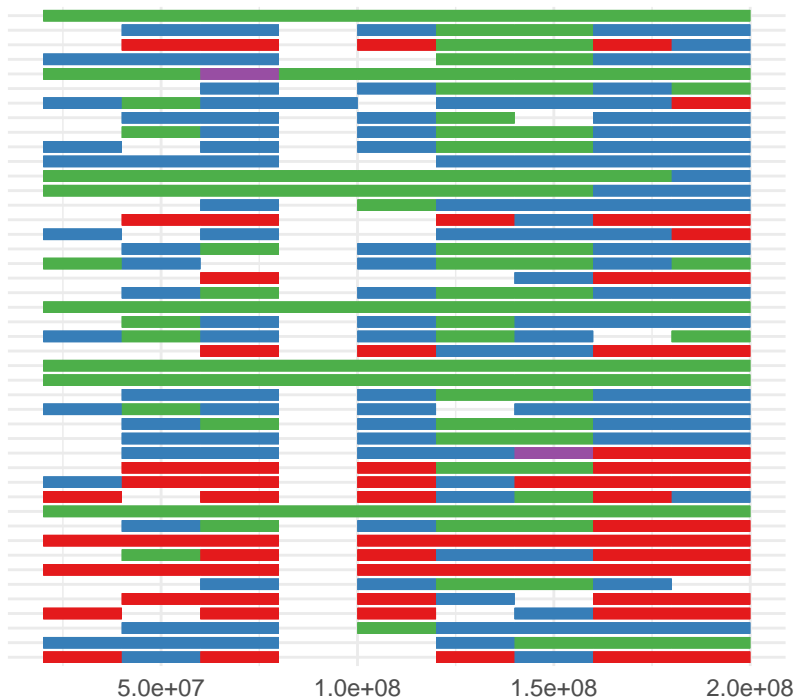
HCC 7 HanXRQChr03 10MB window haplotypecount



HCC 7 HanXRQChr04 10MB window haplotypecount



HCC 7 HanXRQChr05 10MB window haplotypecount



HCC 7 HanXRQChr06 10MB window haplotypecount

Observed haplotypes

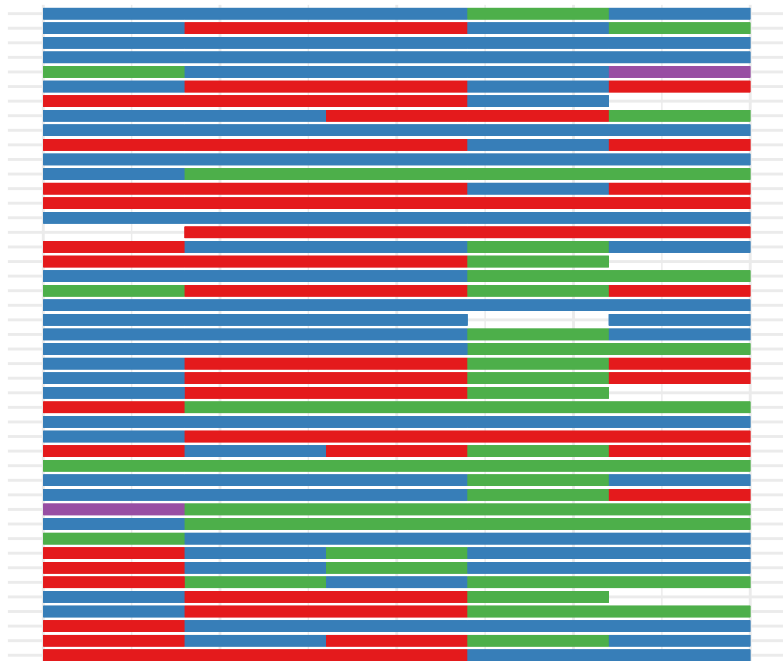
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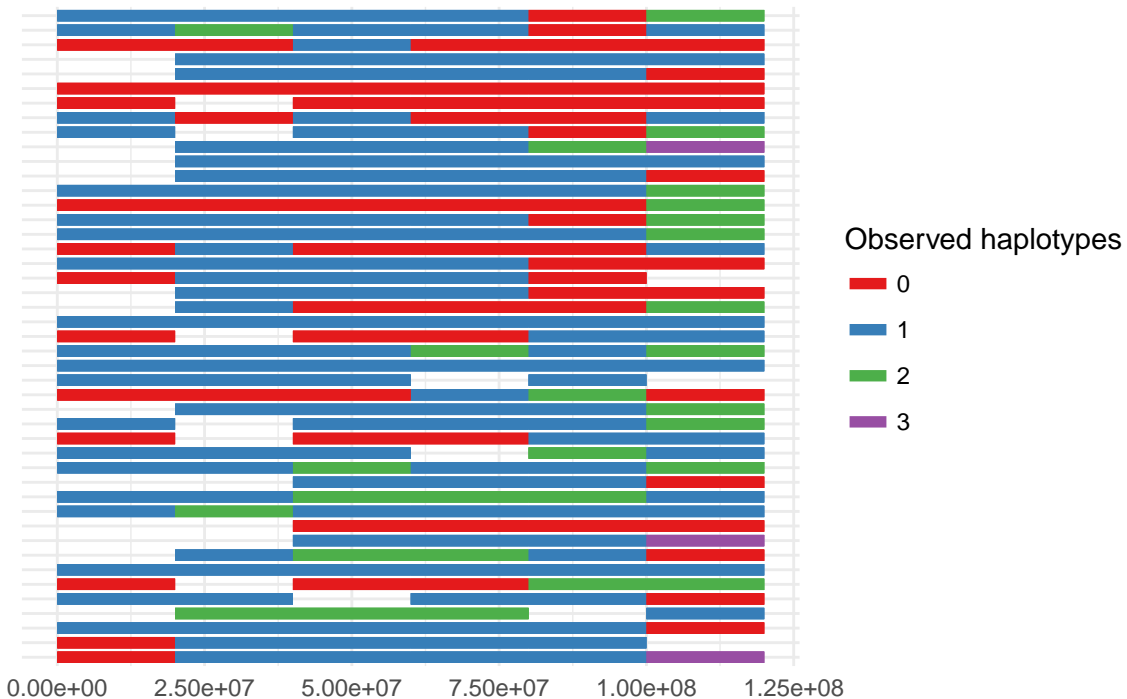
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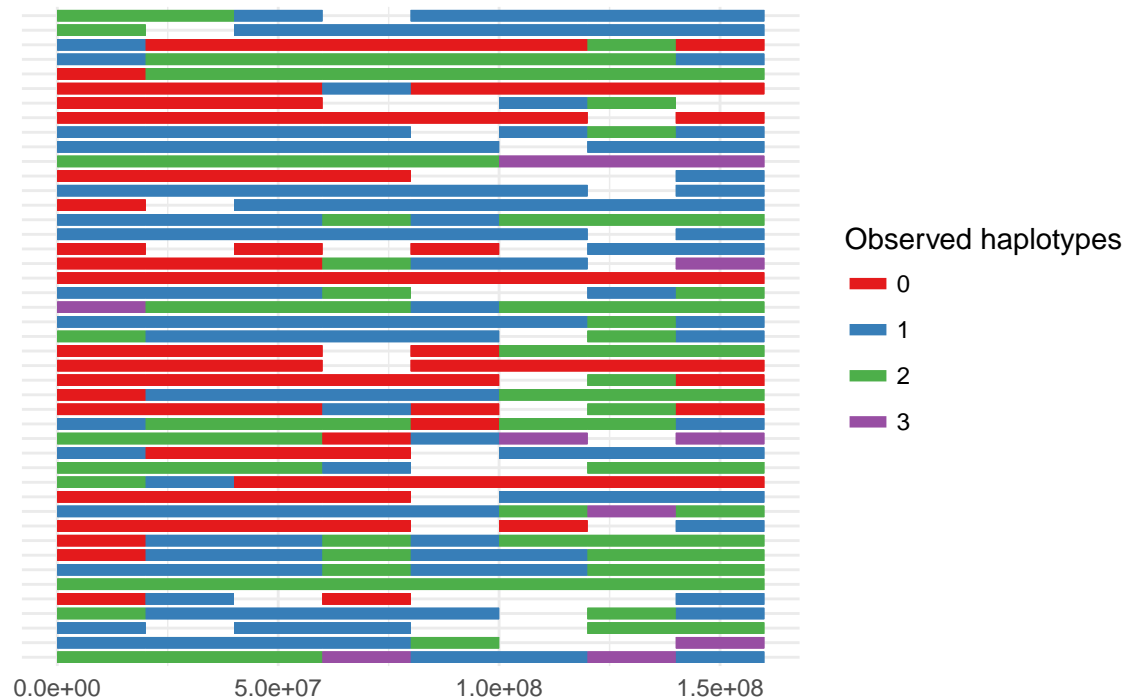
0.0e+00 2.5e+07 5.0e+07 7.5e+07 1.0e+08



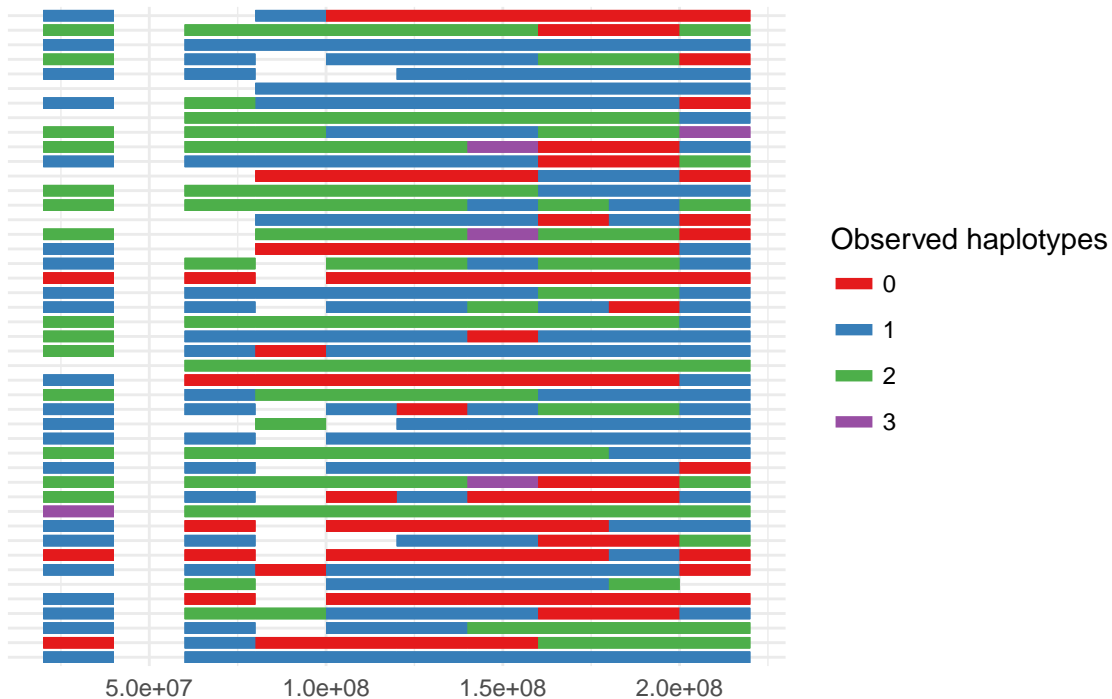
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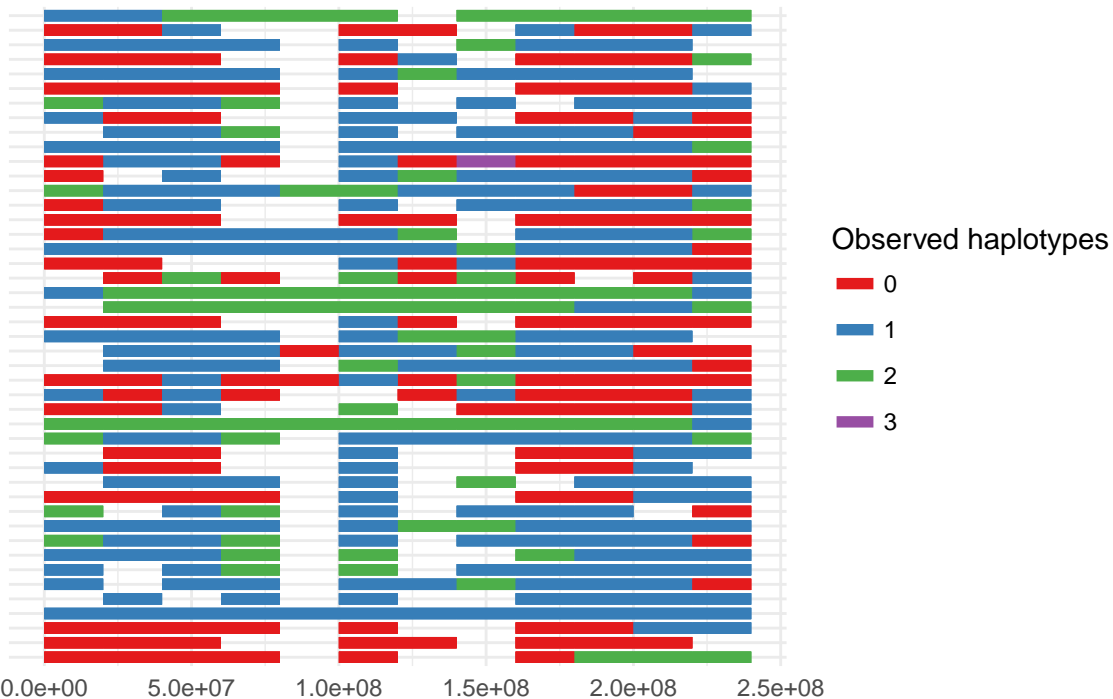
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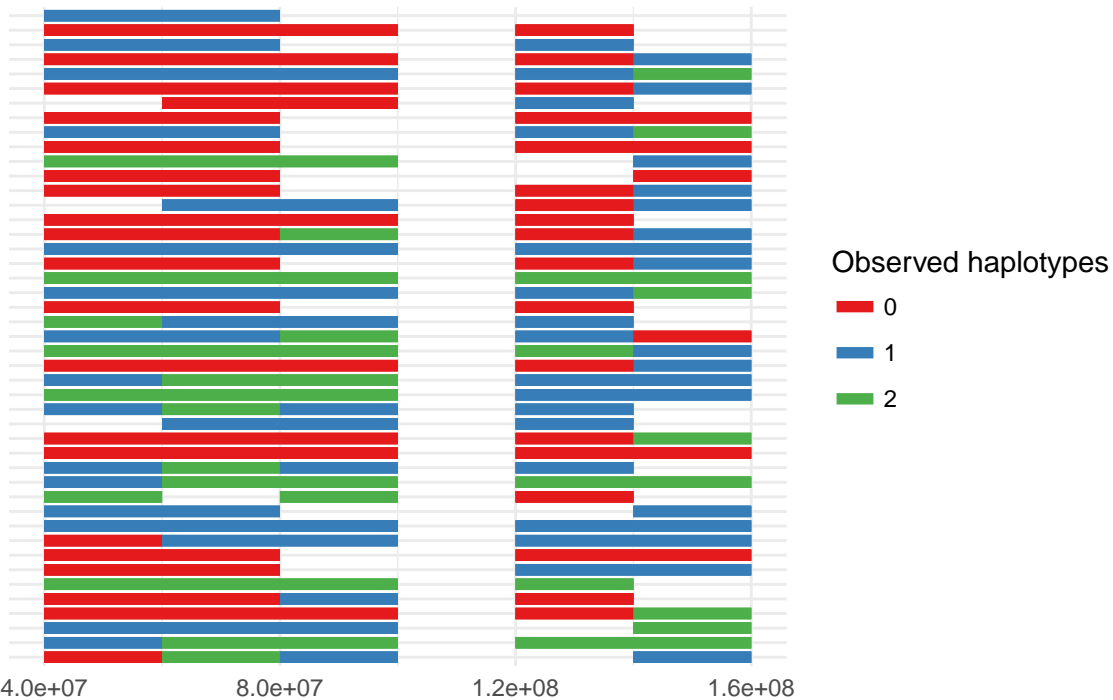
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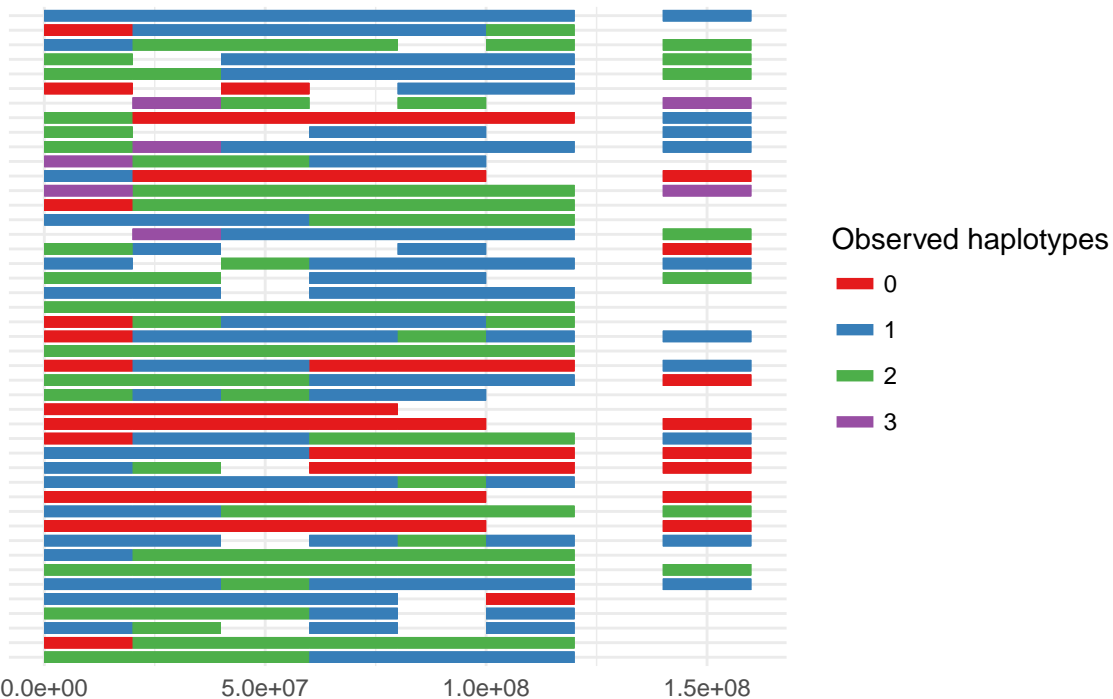
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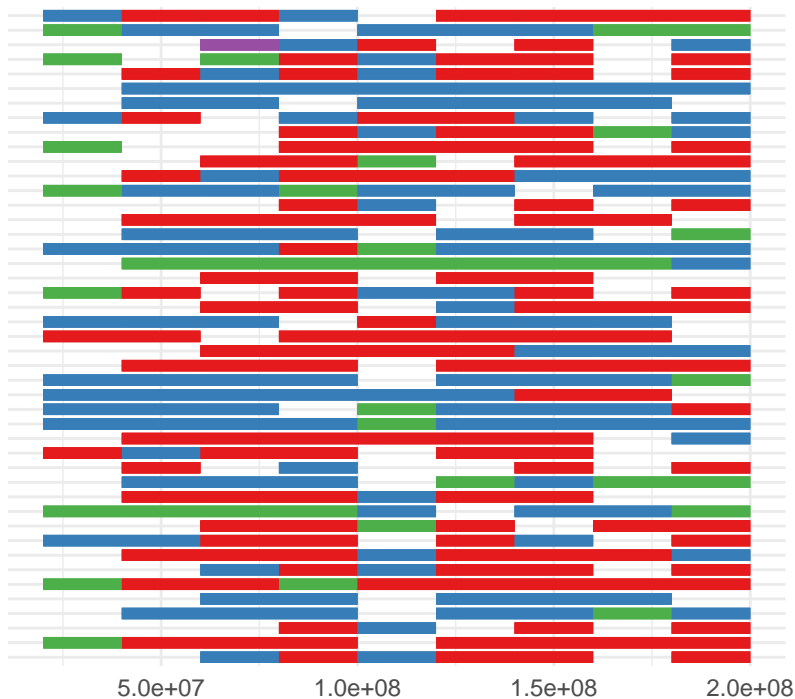
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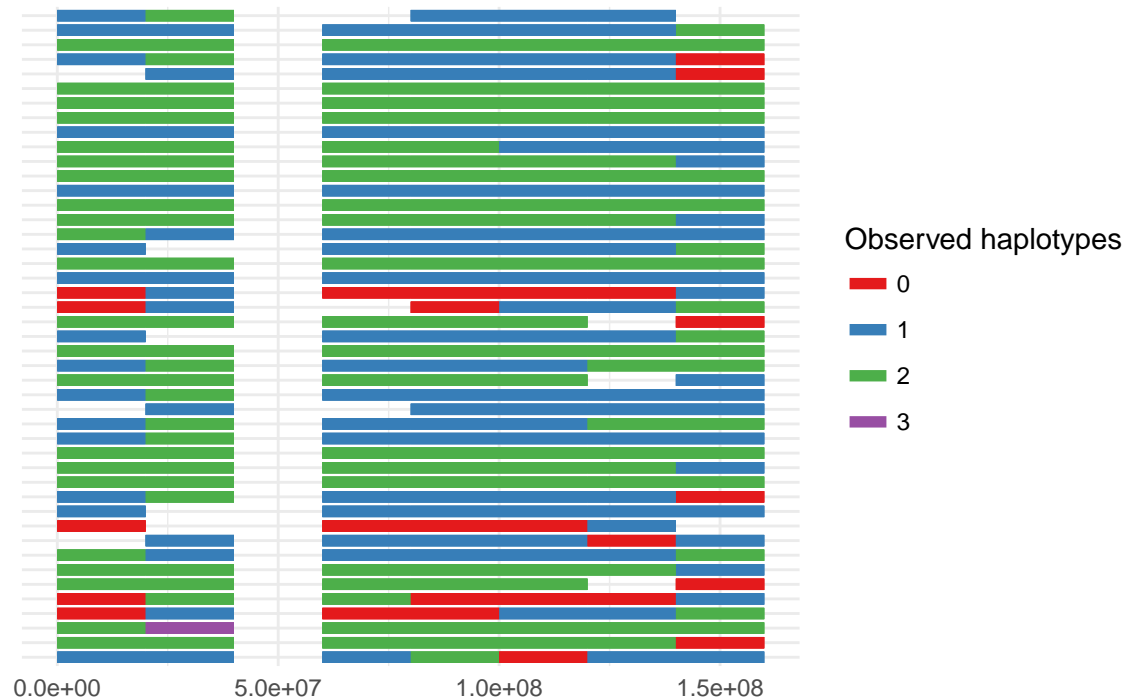
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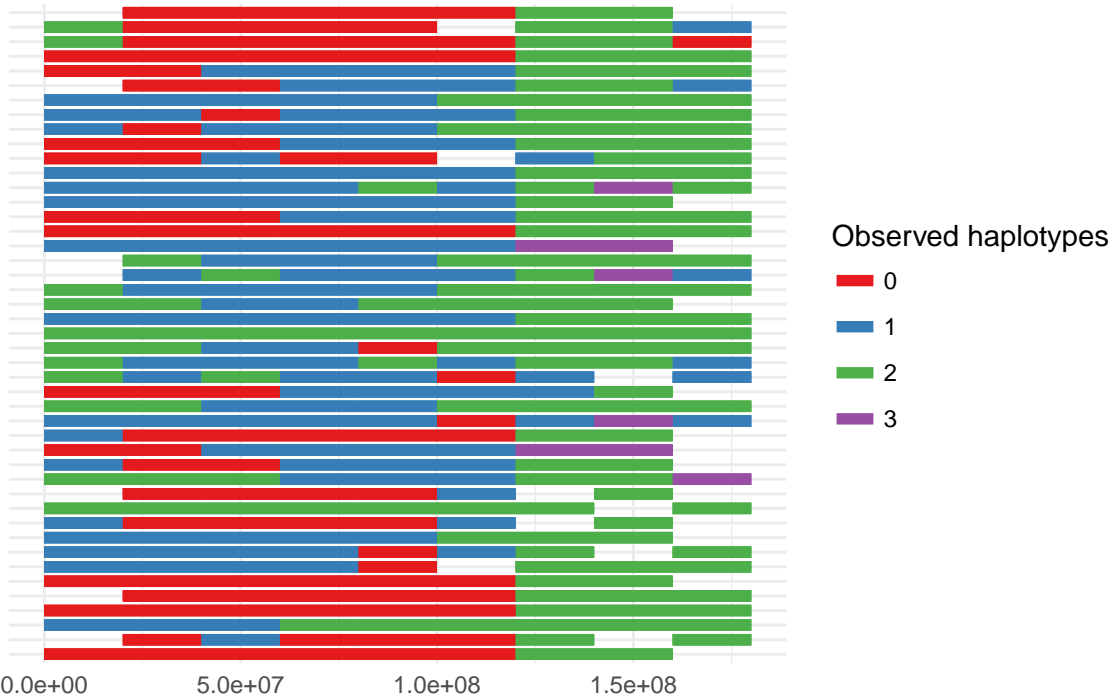
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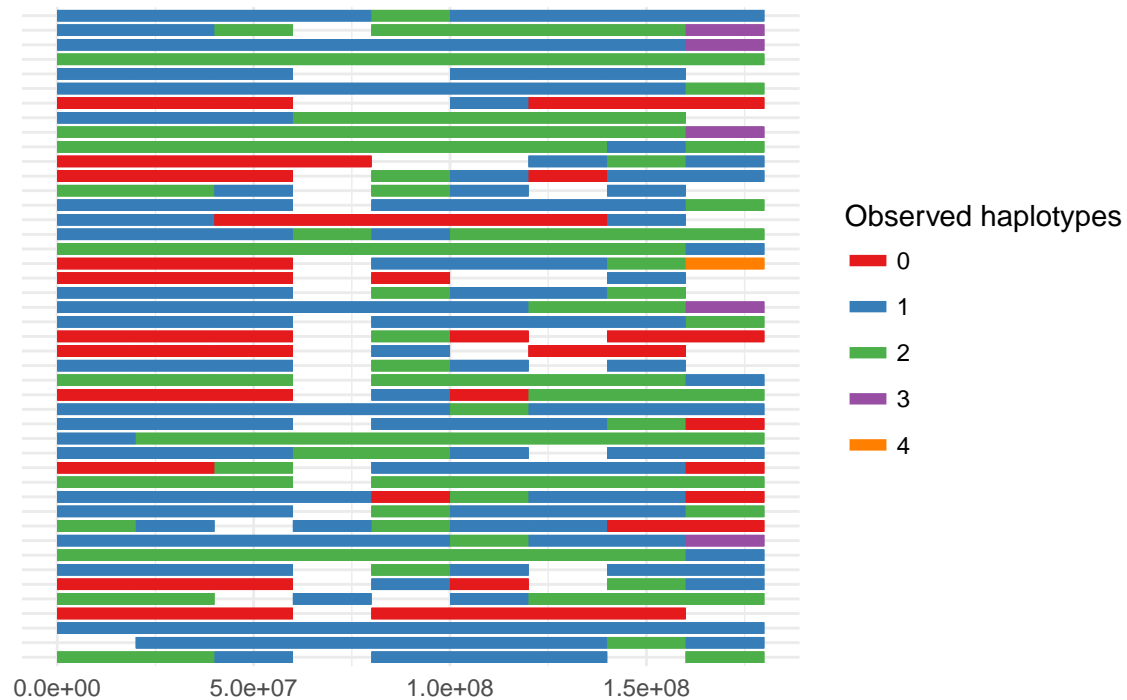
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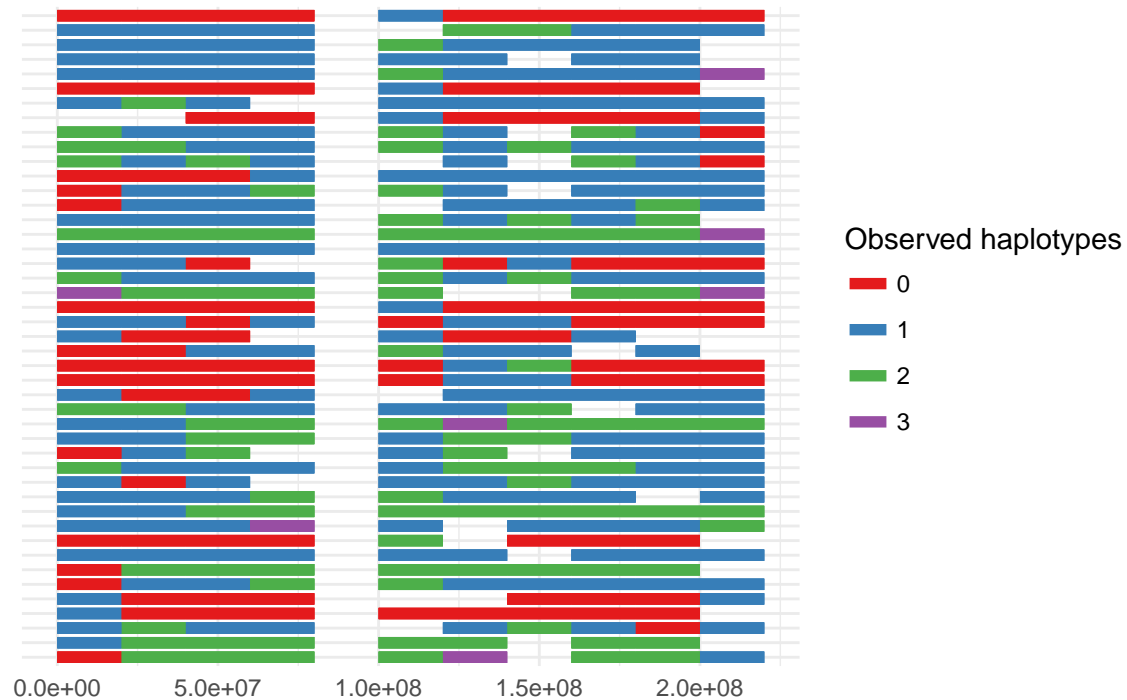
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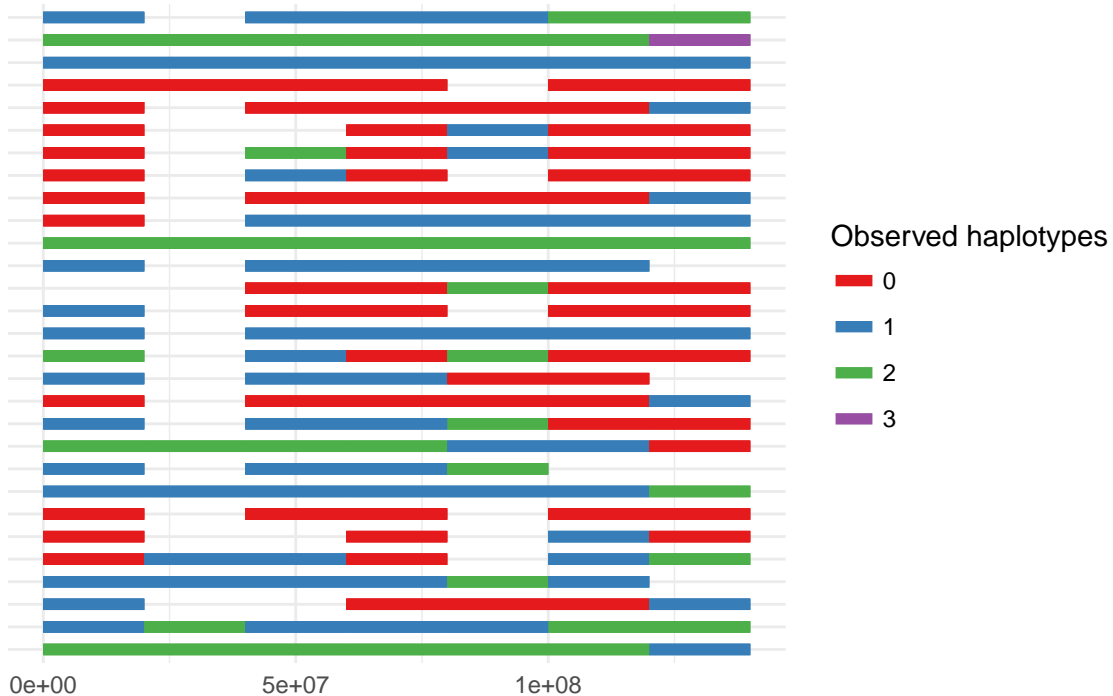
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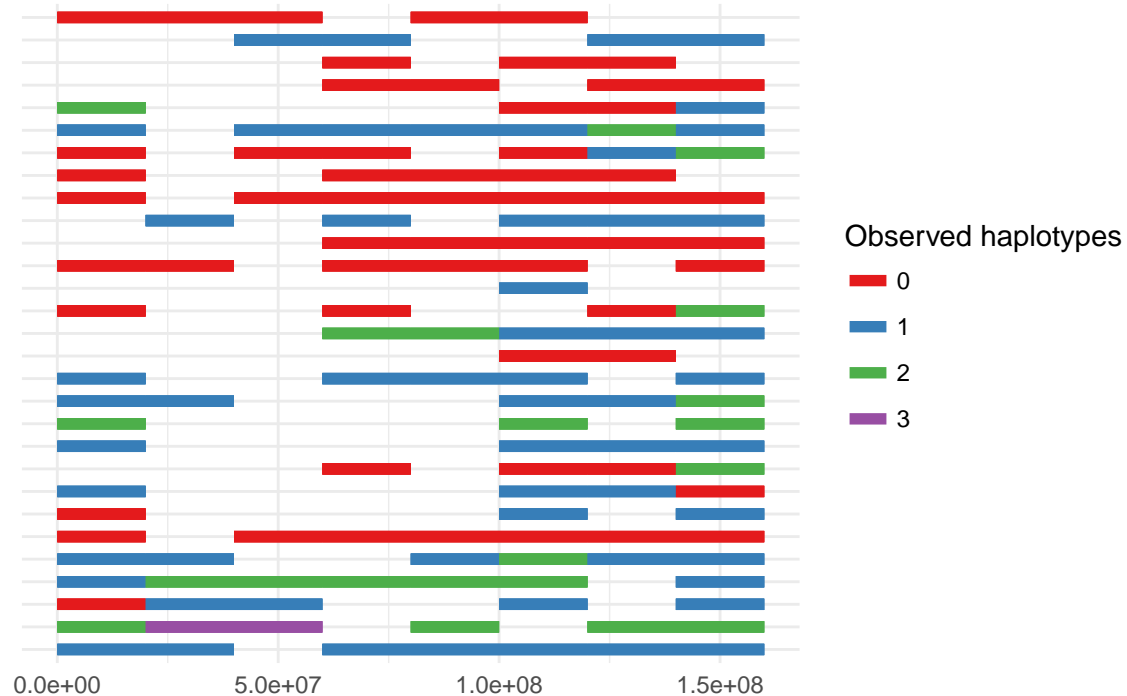
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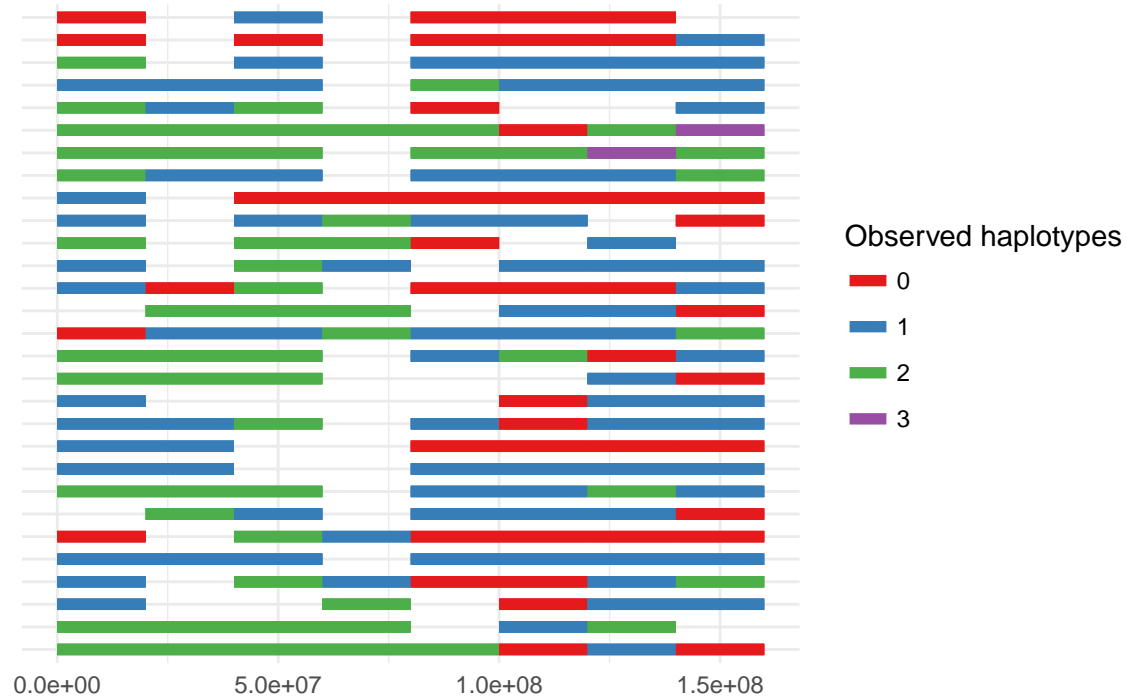
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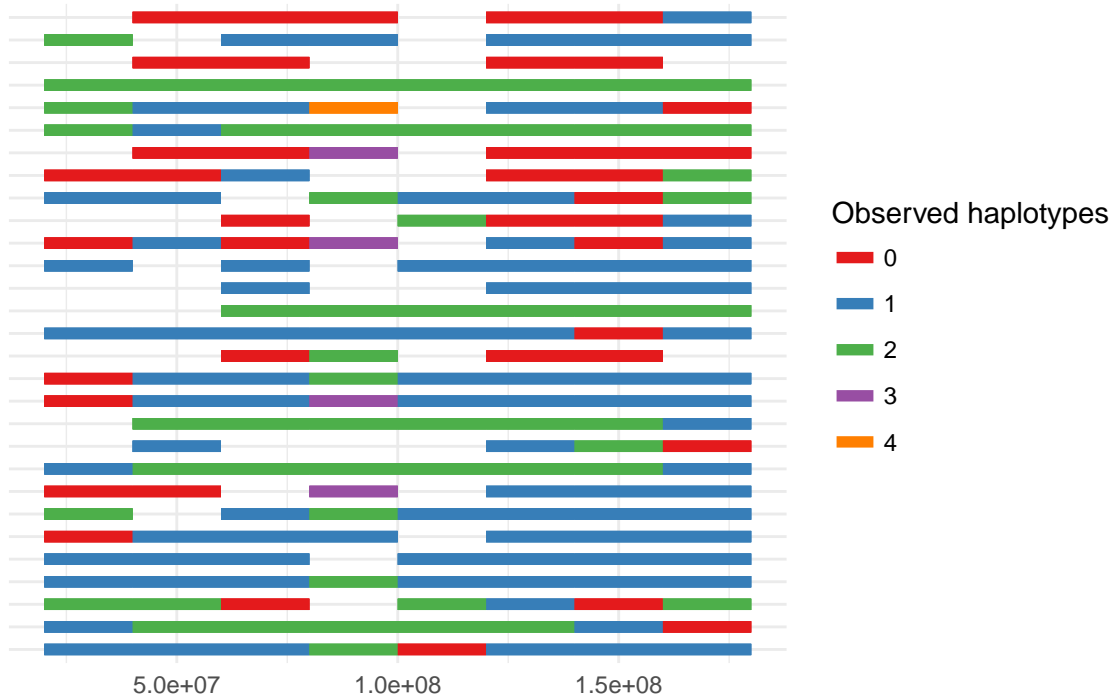
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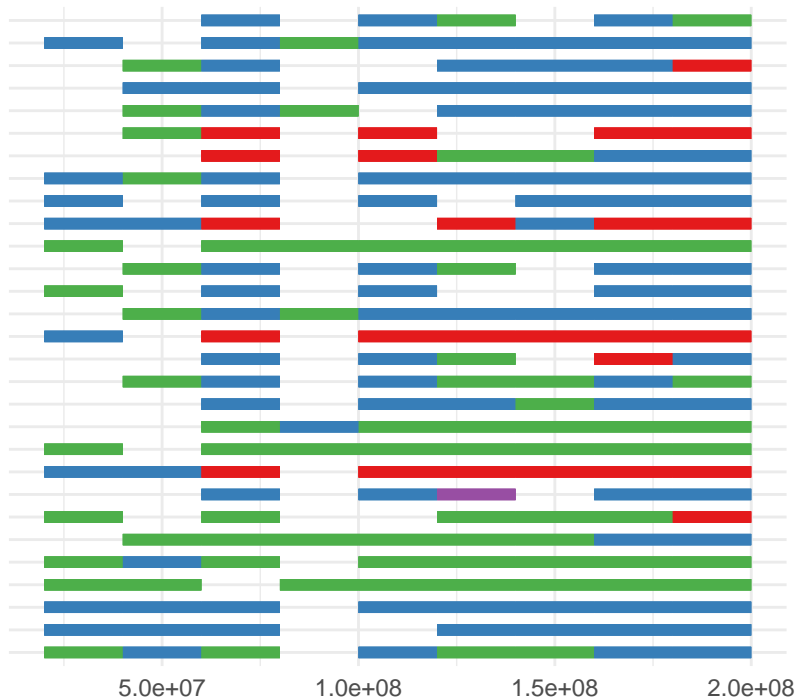
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HCC 8 HanXRQChr04 10MB window haplotypecount



HCC 8 HanXRQChr05 10MB window haplotypecount



Observed haplotypes

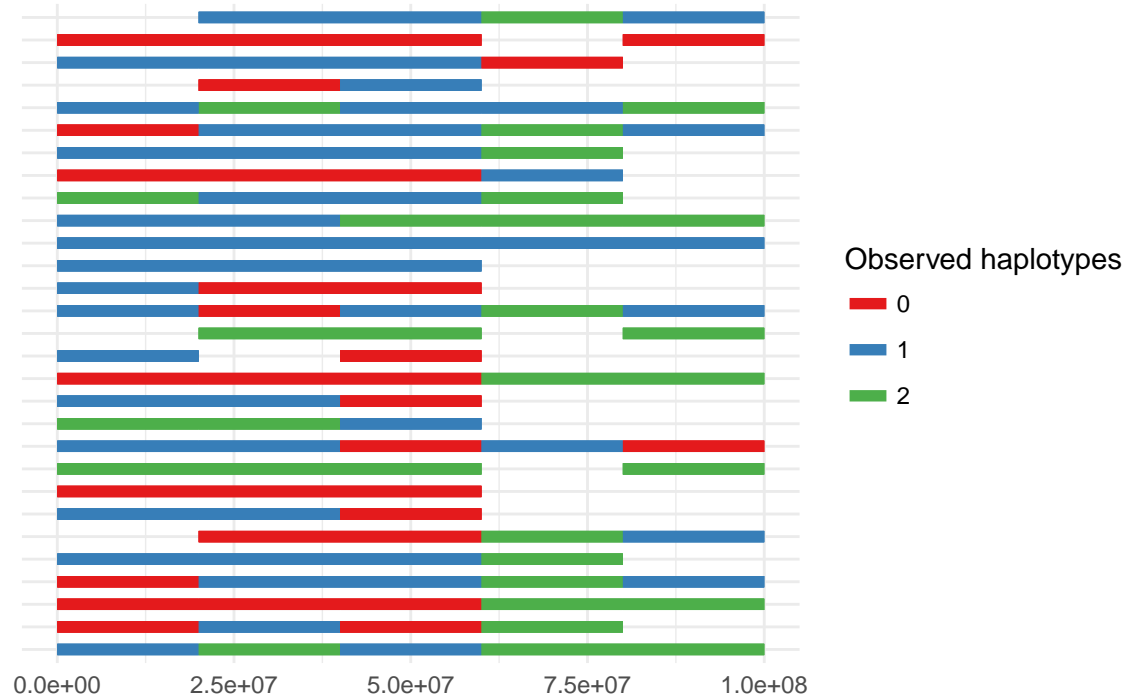
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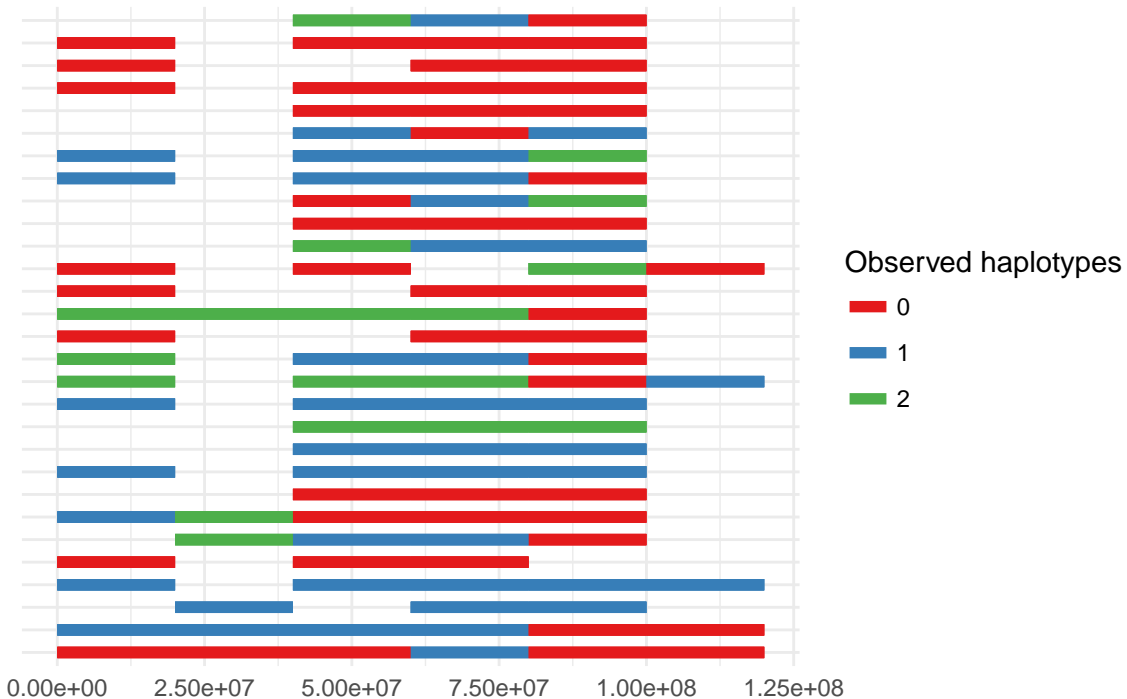
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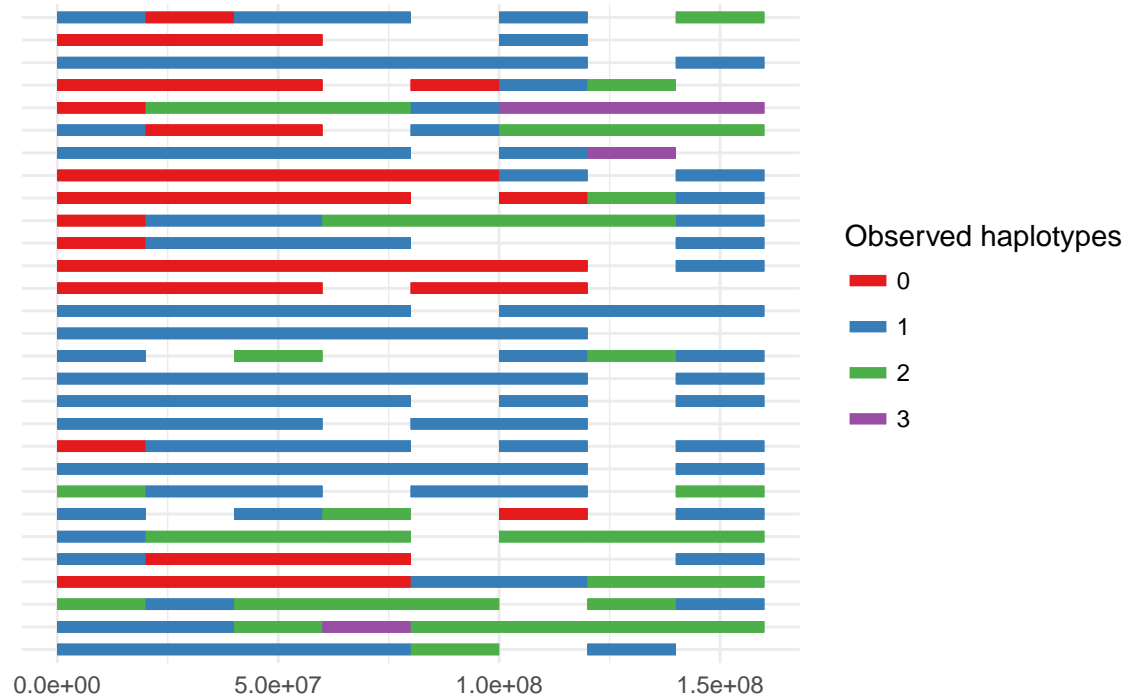
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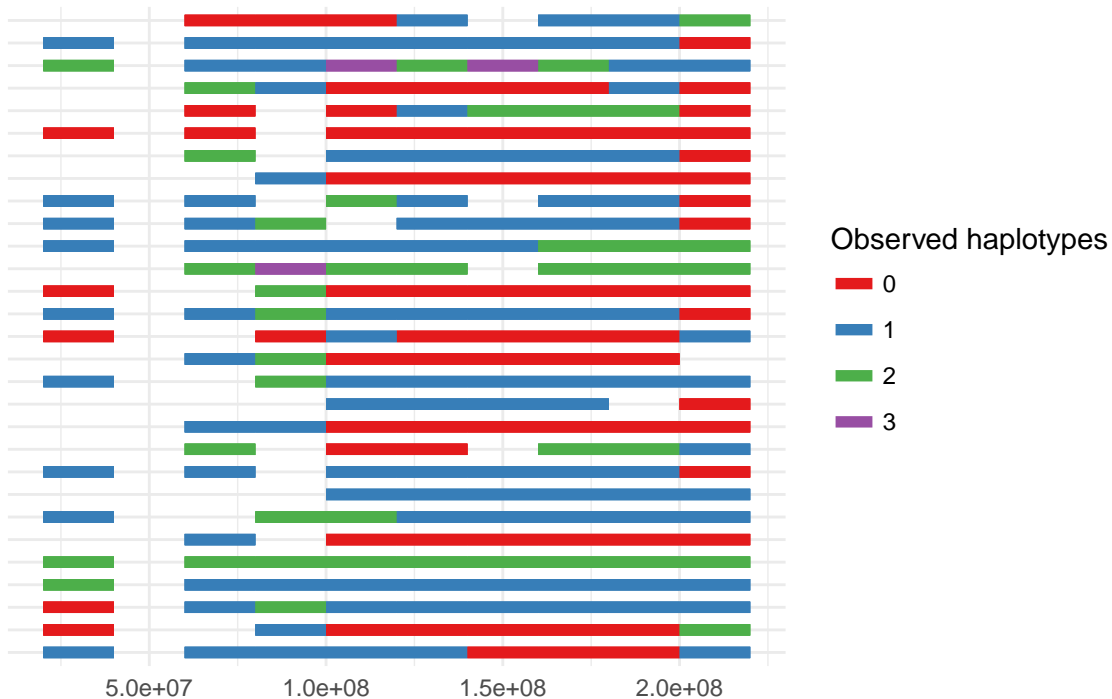
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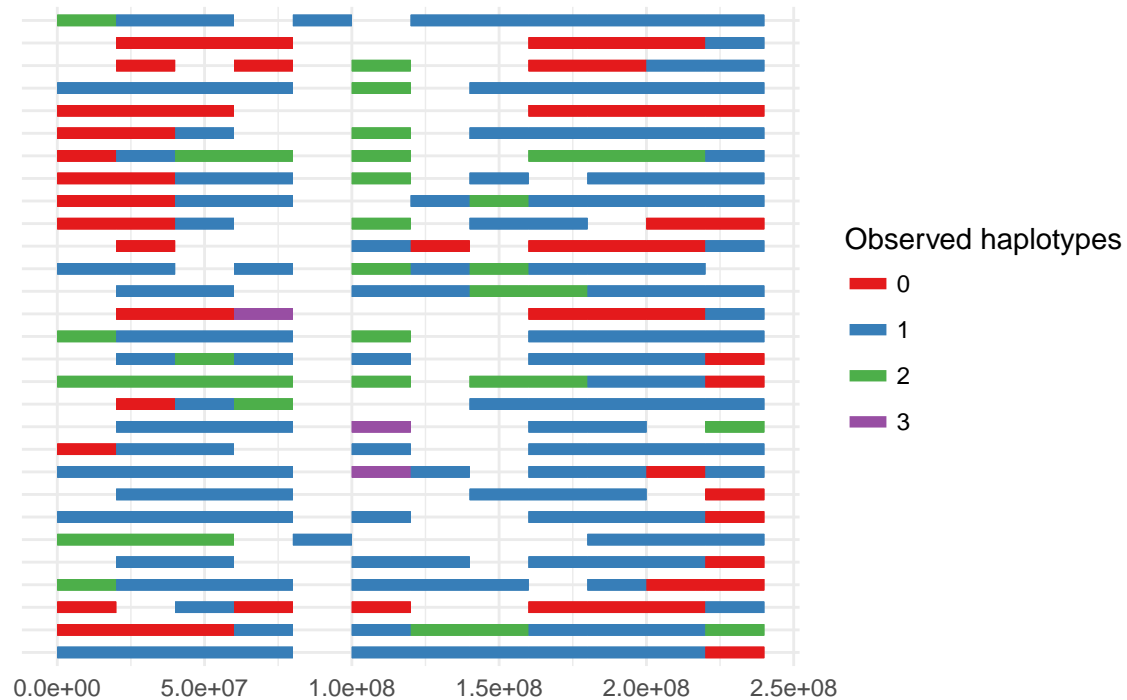
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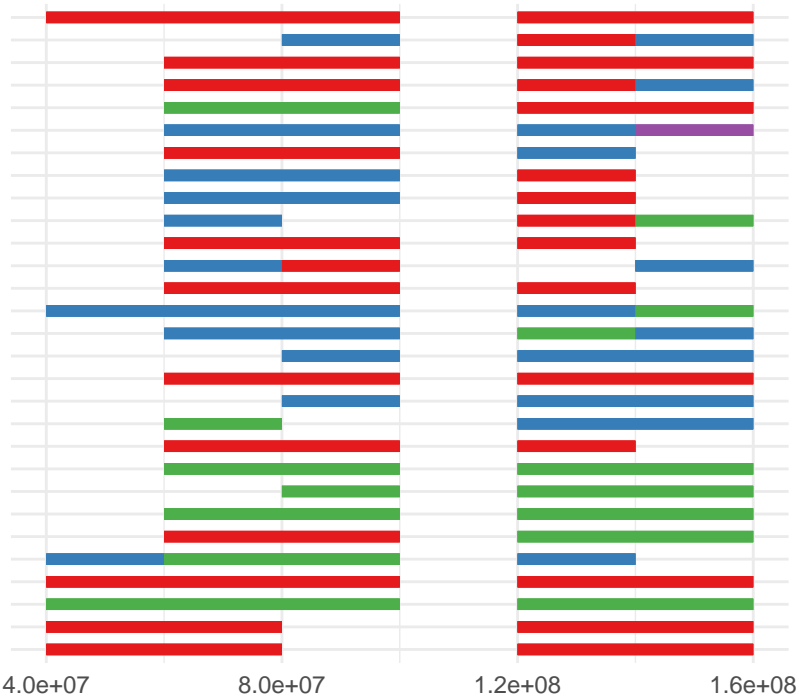
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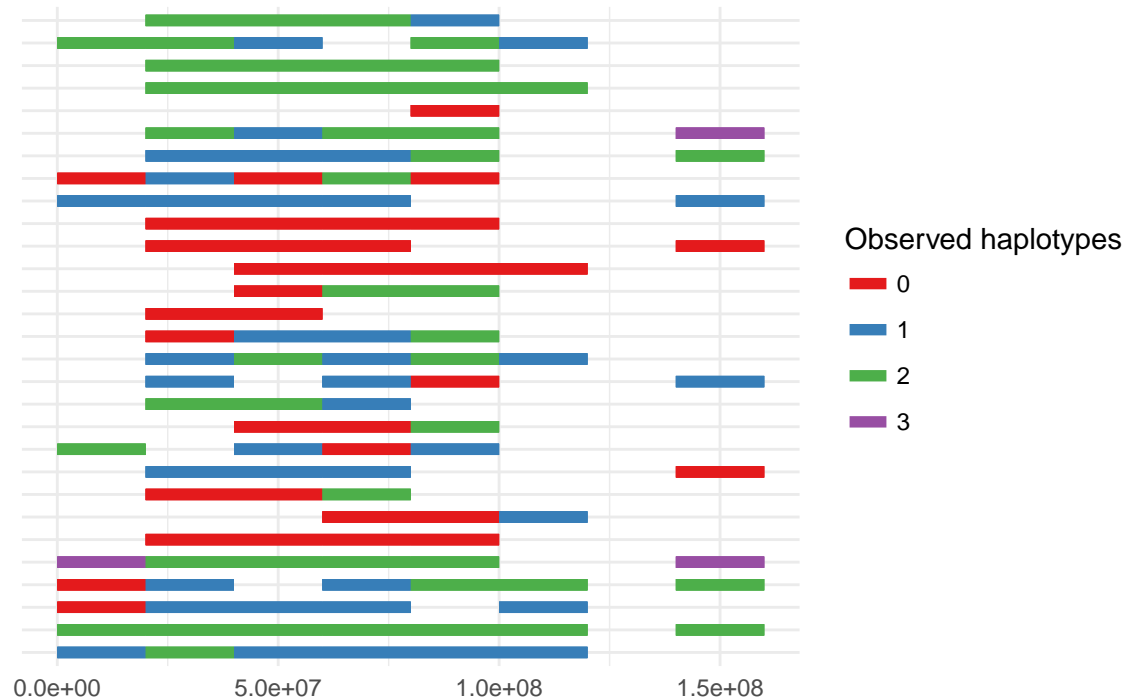
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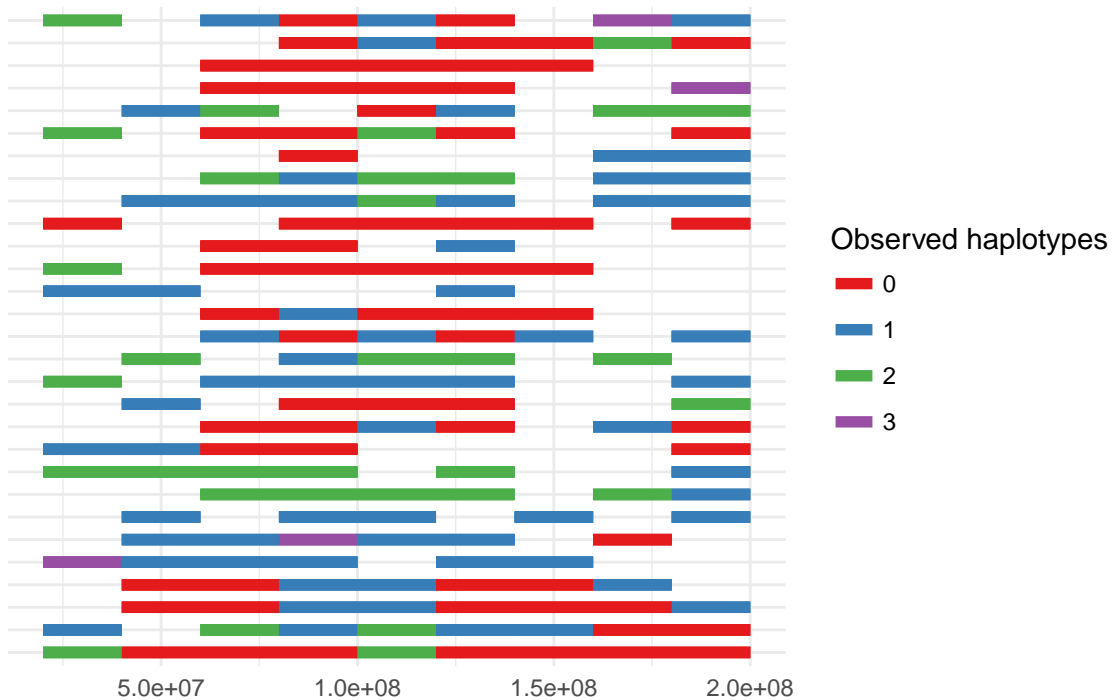
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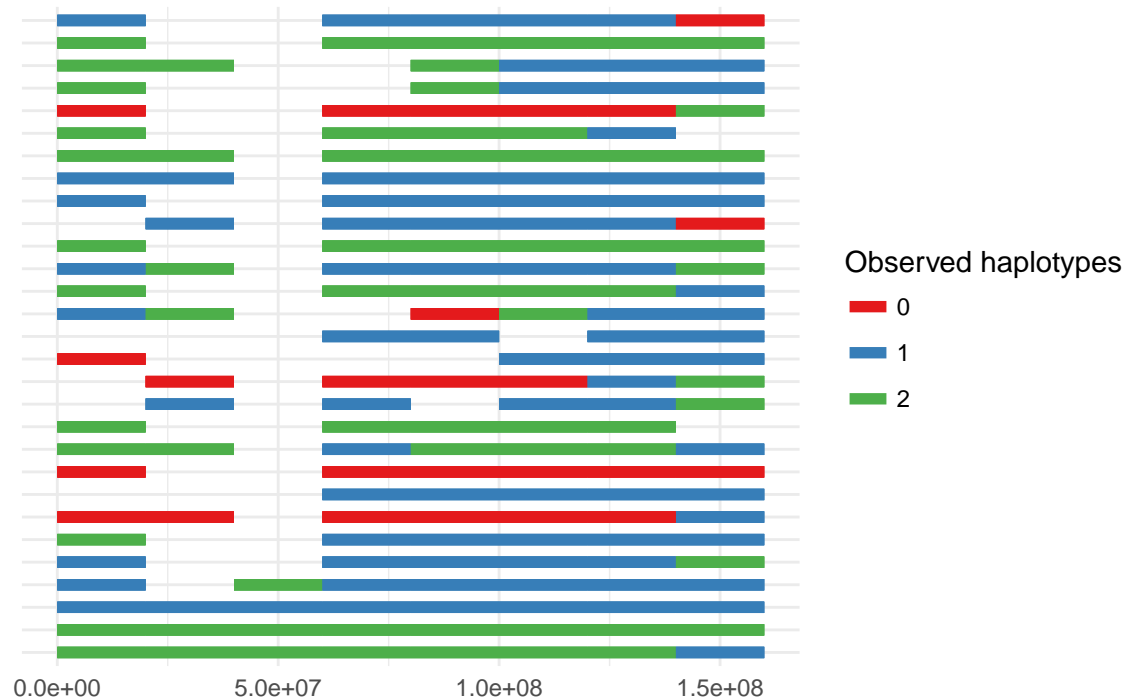
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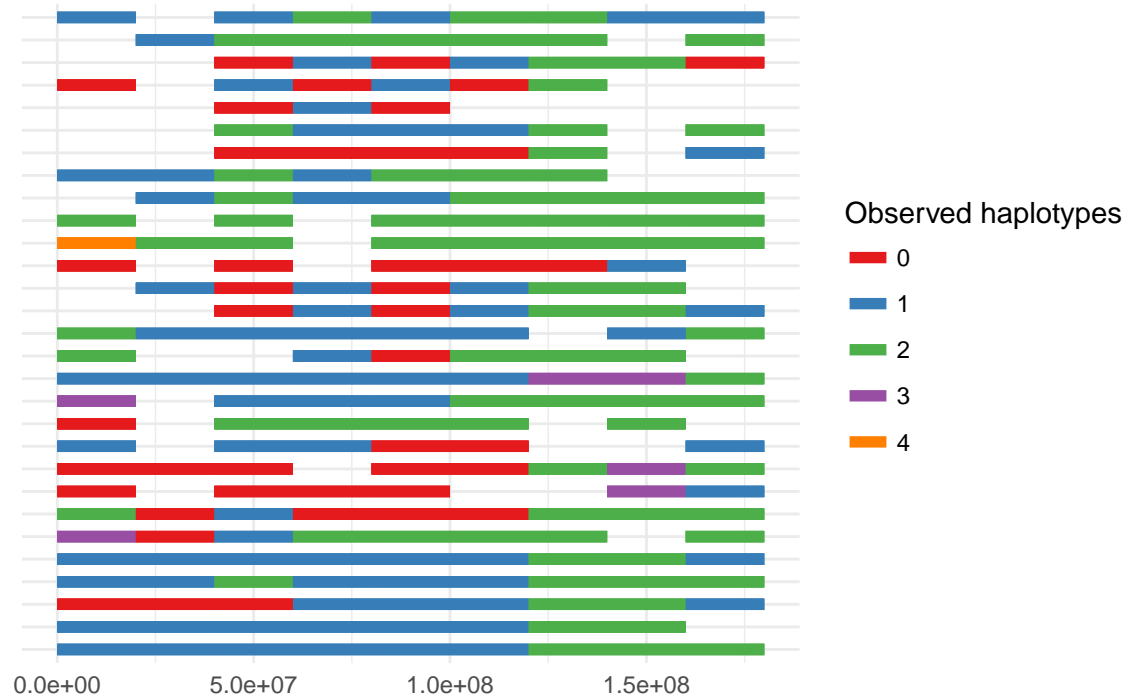
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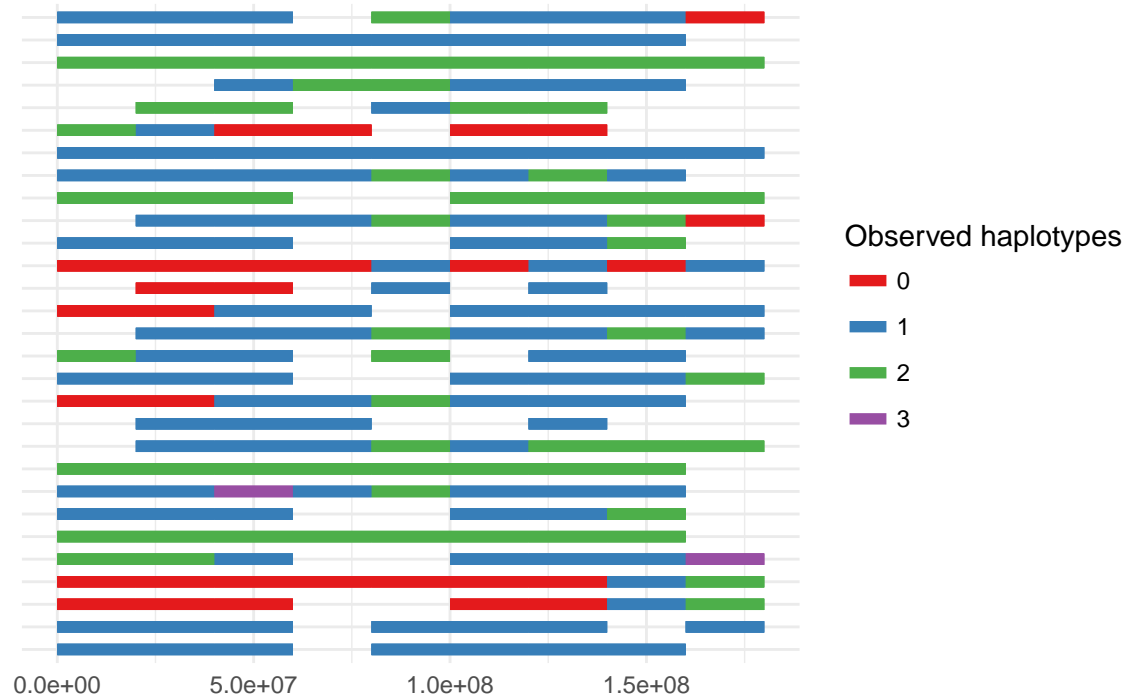
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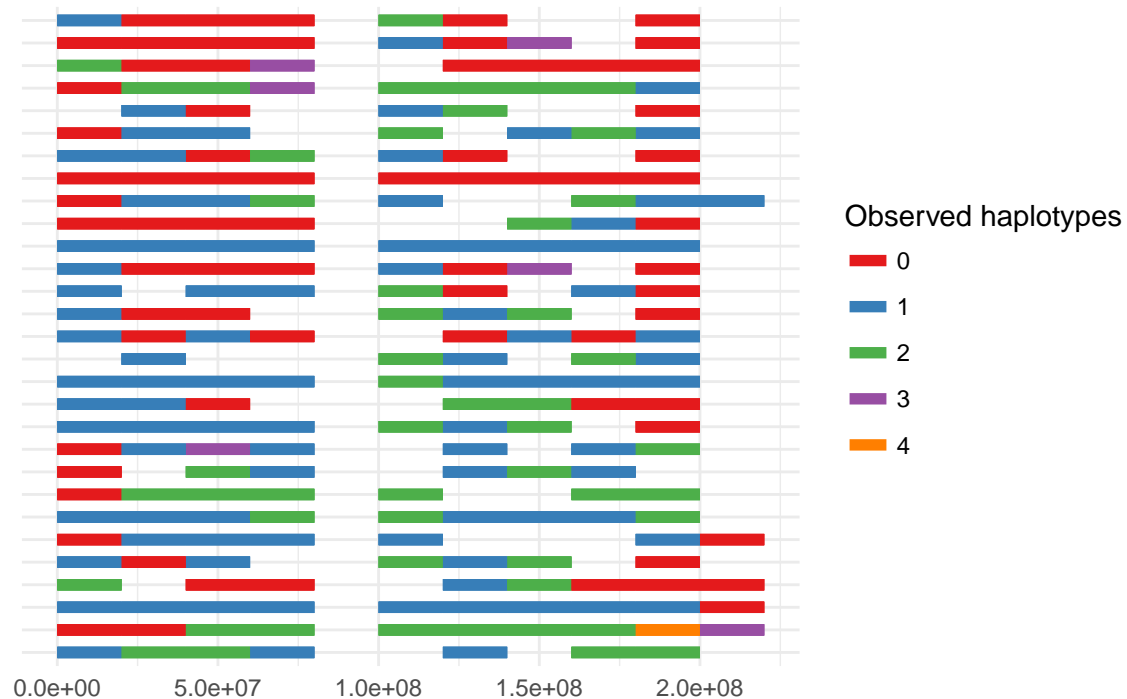
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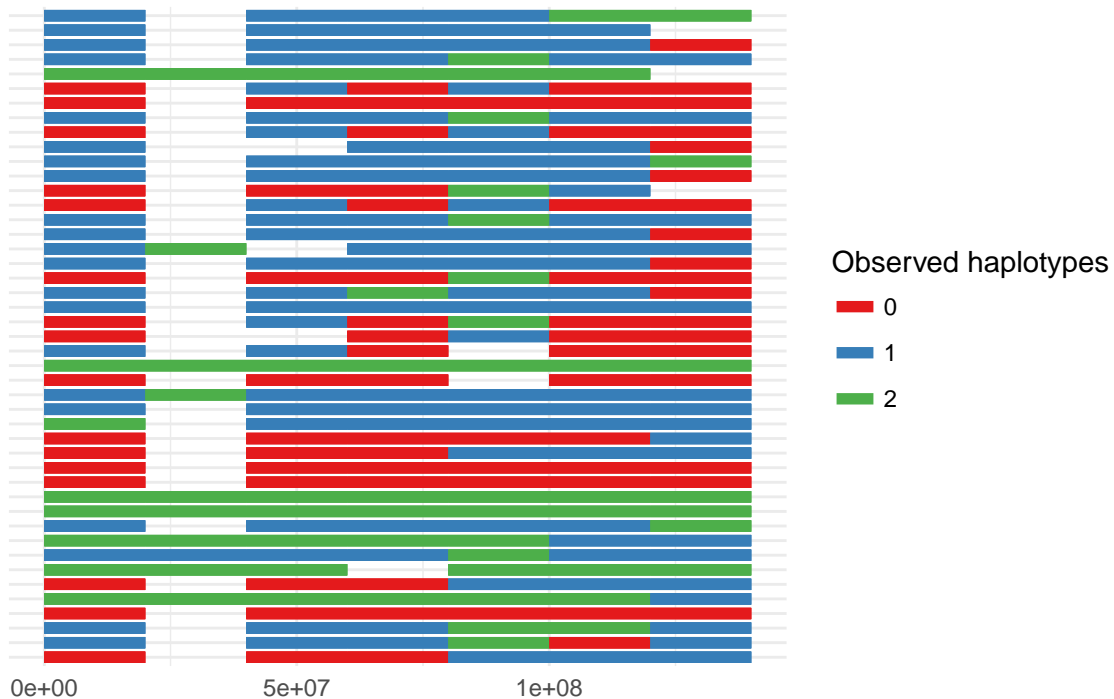
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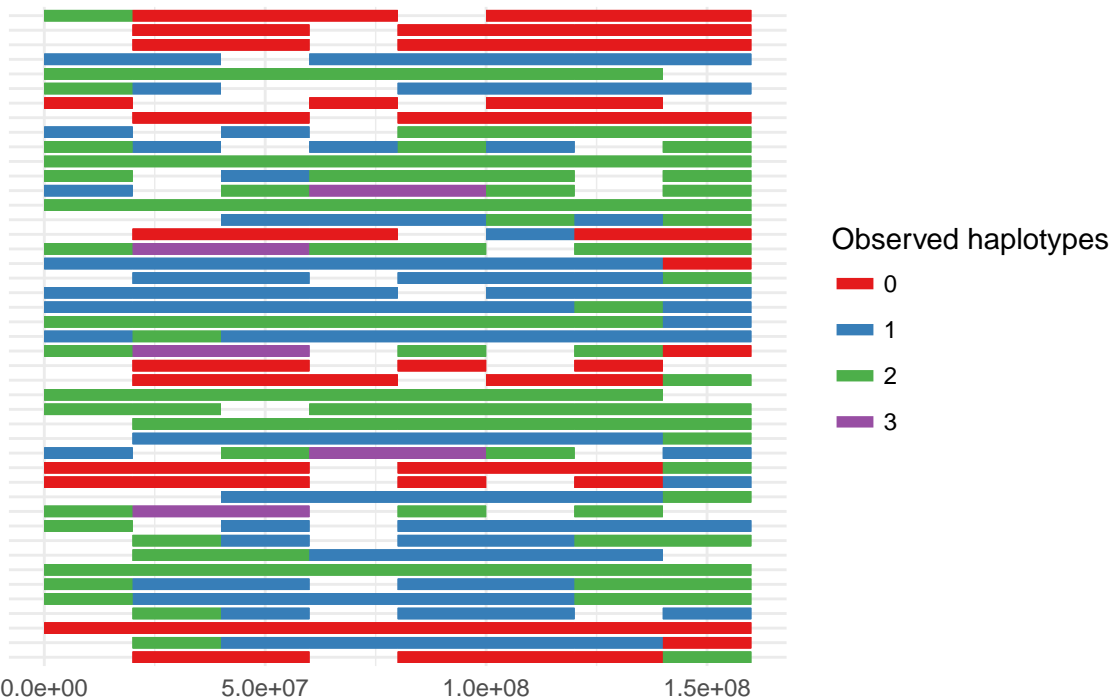
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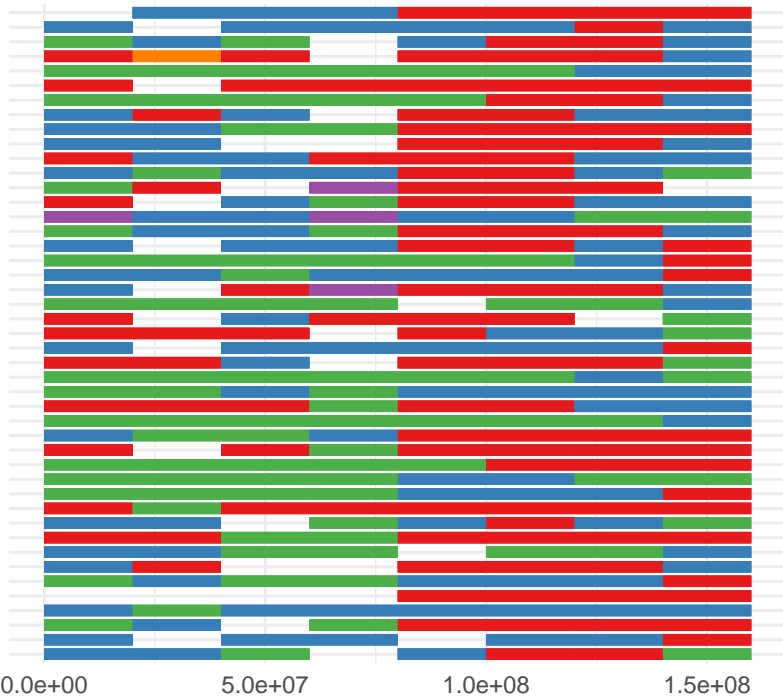
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HCC 9 HanXRQChr02 10MB window haplotypecount



HCC 9 HanXRQChr03 10MB window haplotypecount



Observed haplotypes

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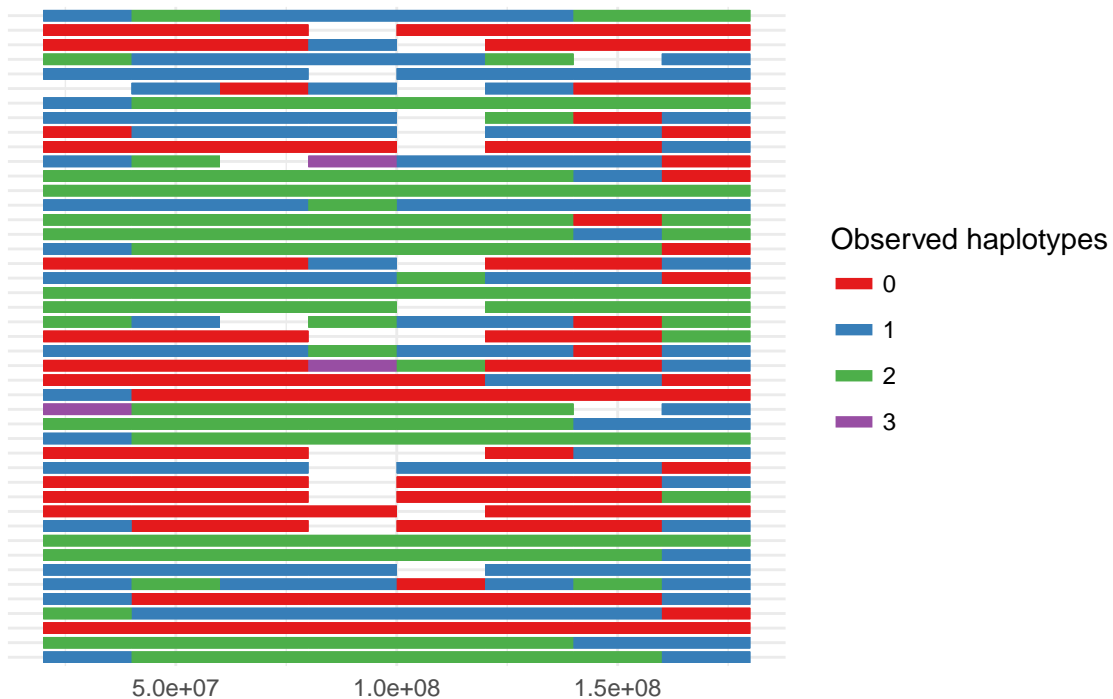
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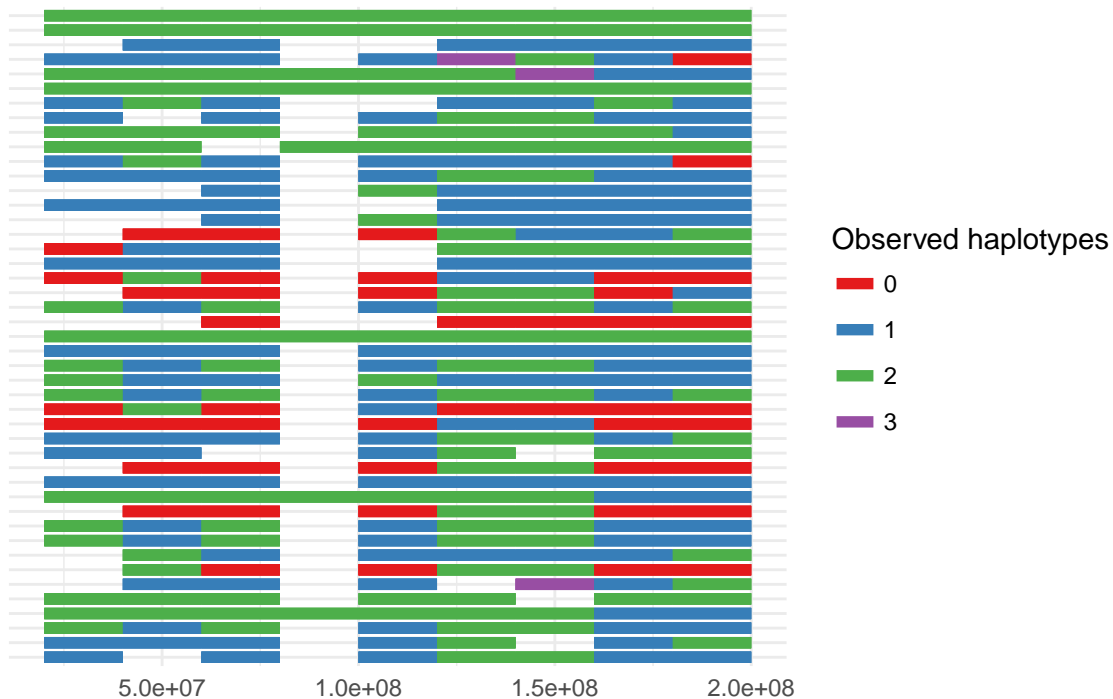
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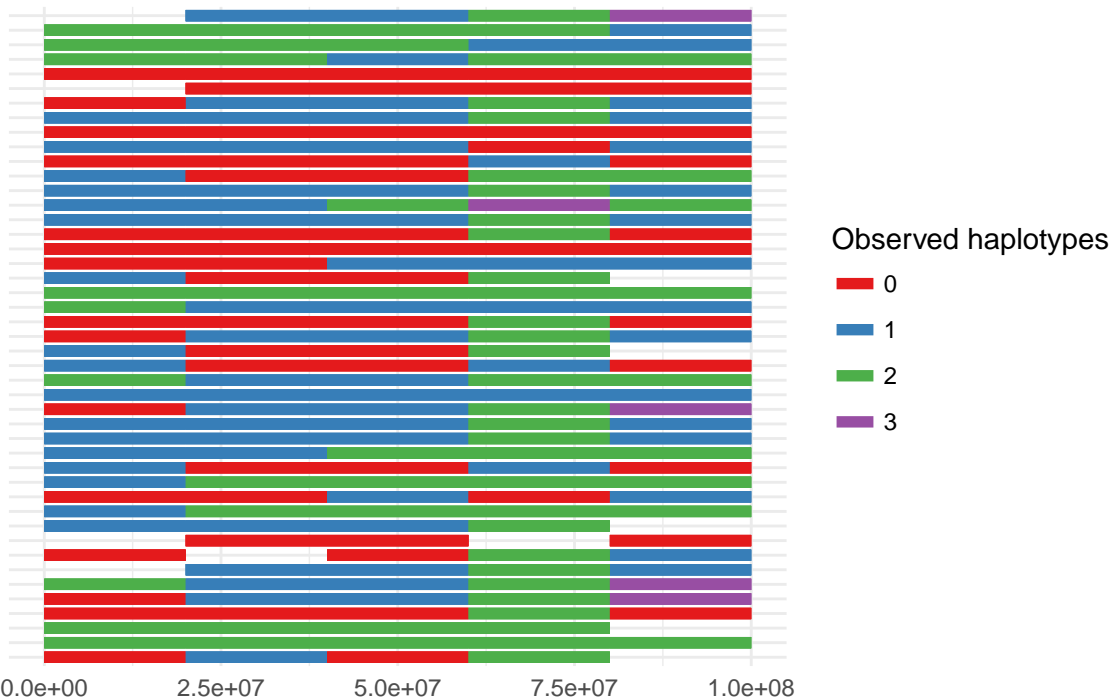
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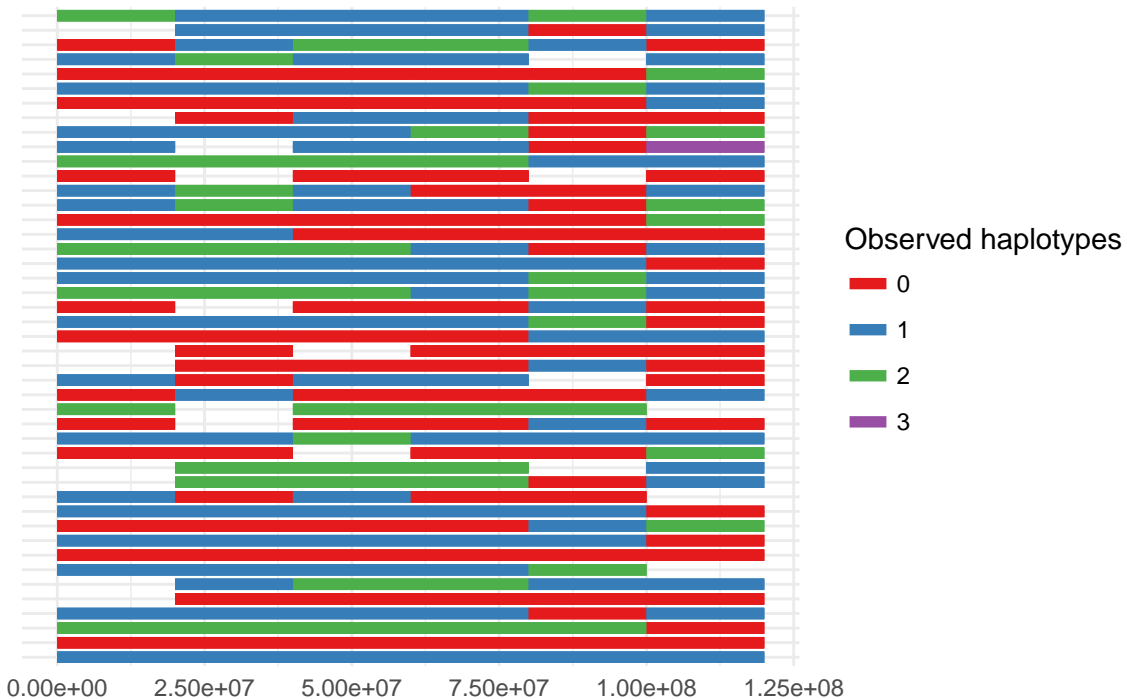
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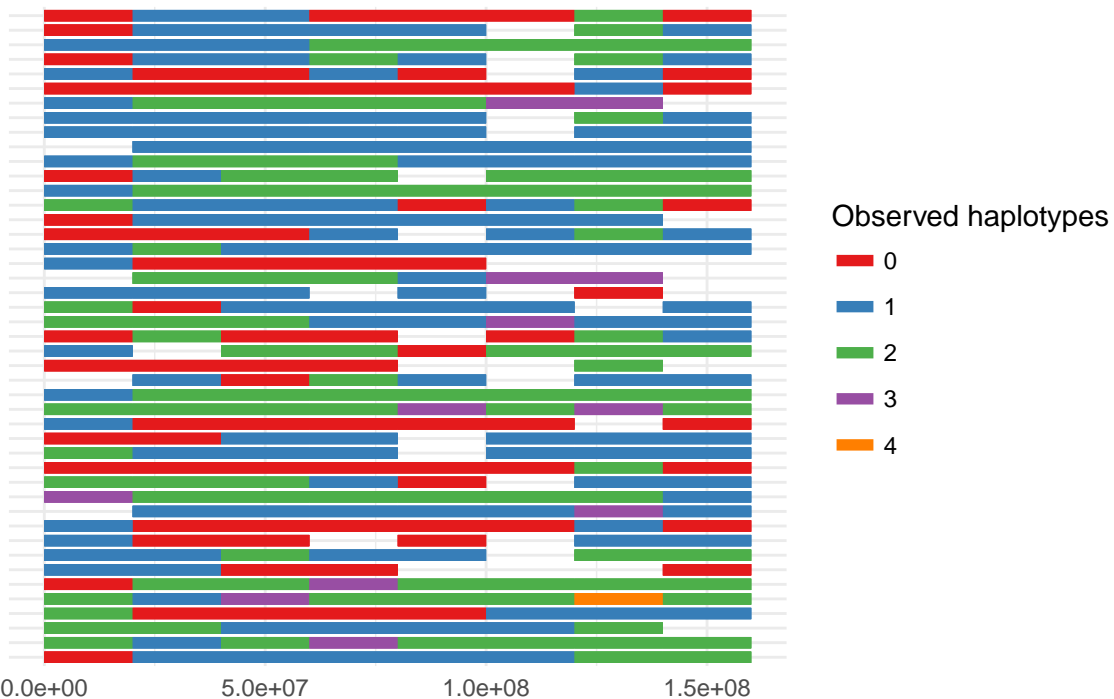
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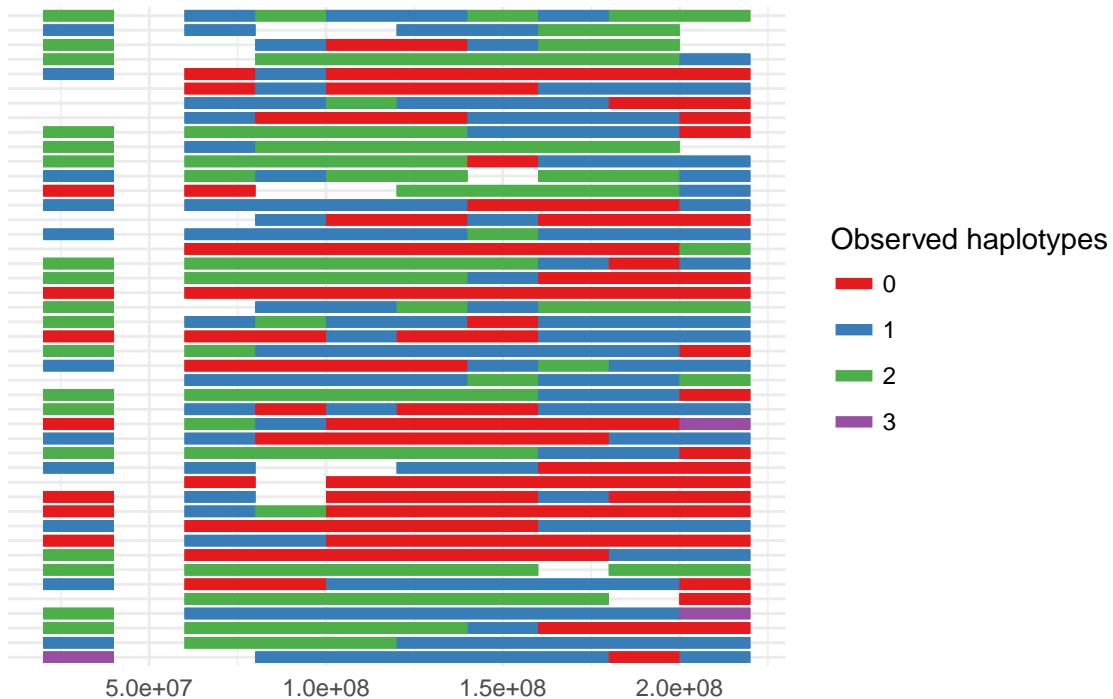
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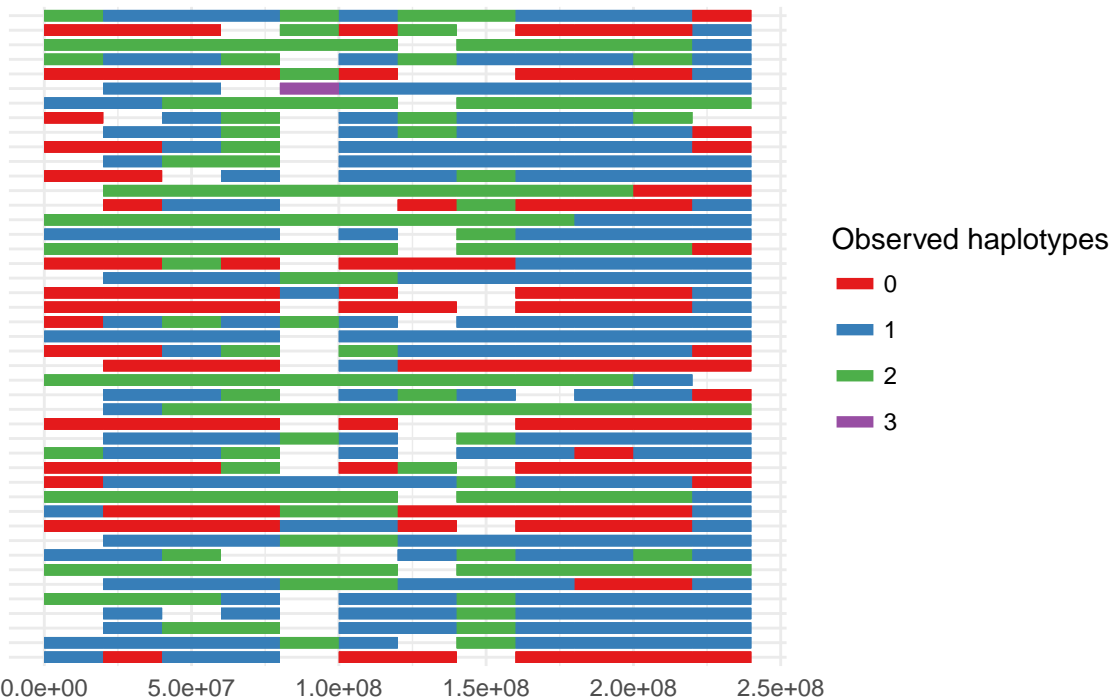
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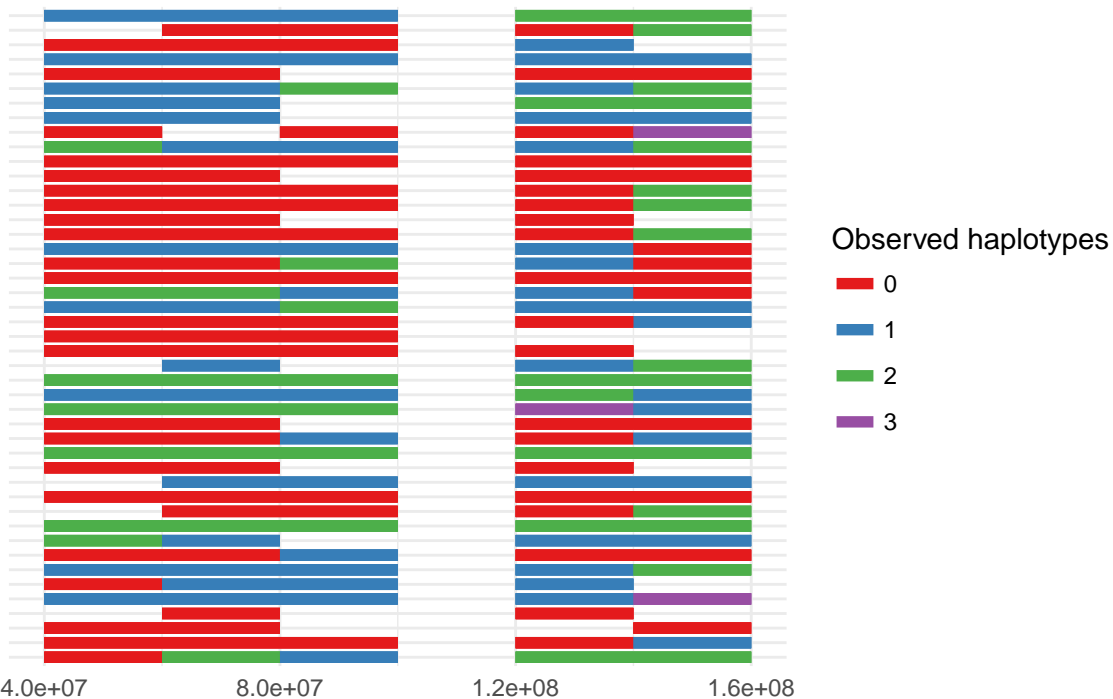
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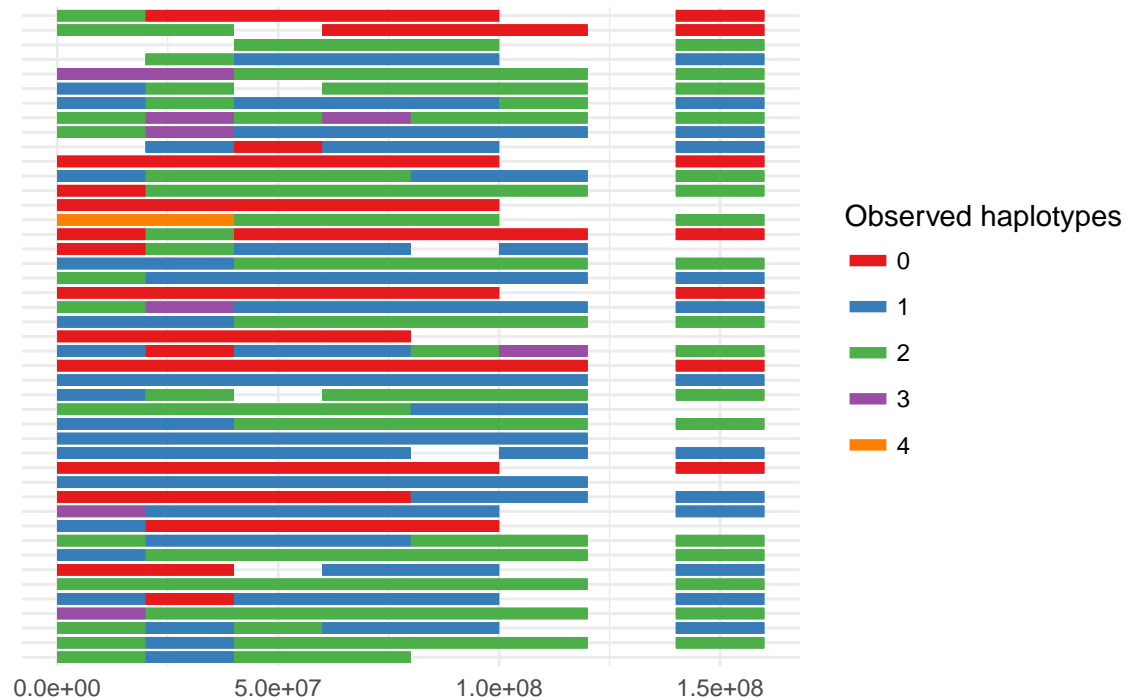
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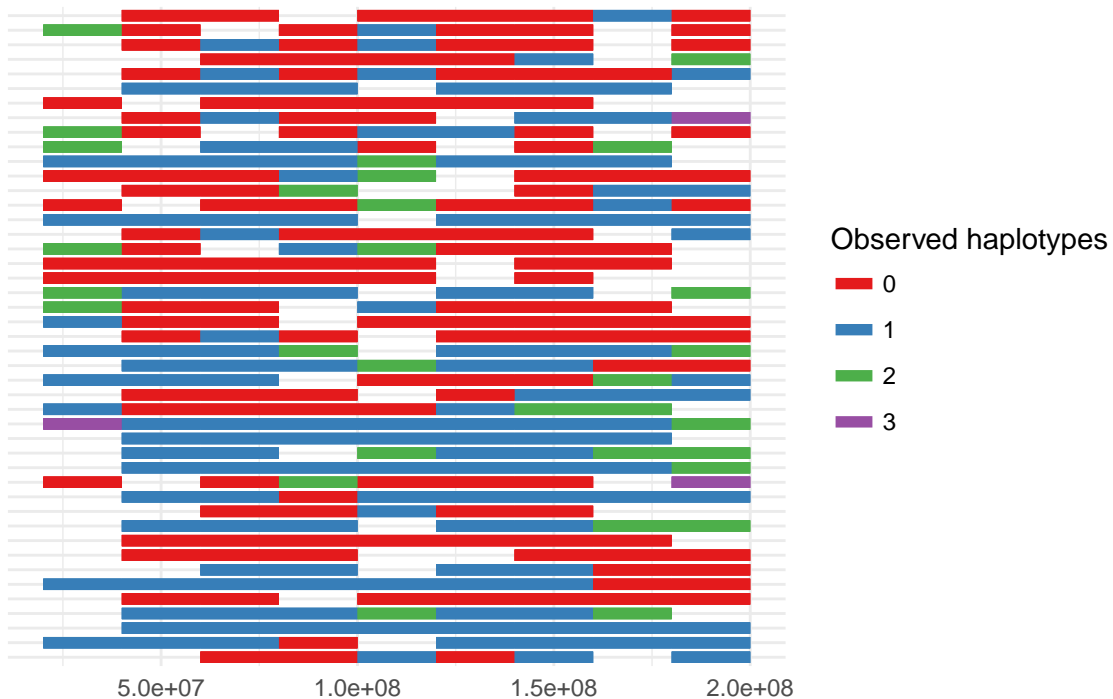
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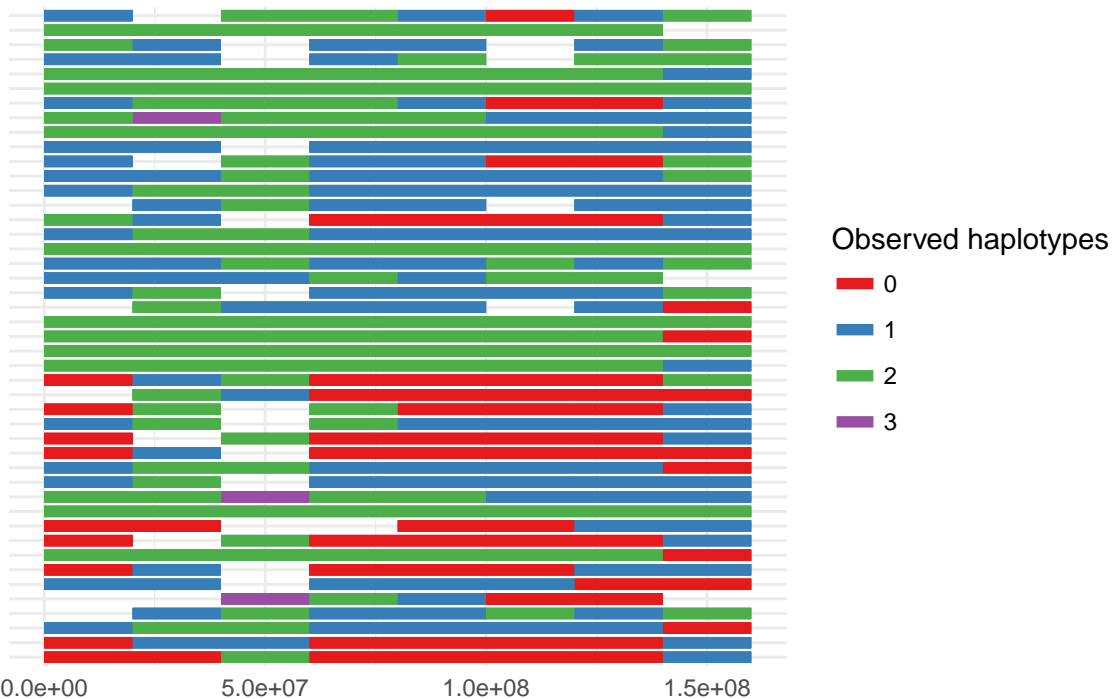
HCC 9 HanXRQChr12 10MB window haplotypecount



HCC 9 HanXRQChr13 10MB window haplotypecount



HCC 9 HanXRQChr14 10MB window haplotypecount



HCC 9 HanXRQChr15 10MB window haplotypecount

Observed haplotypes

0

1

2

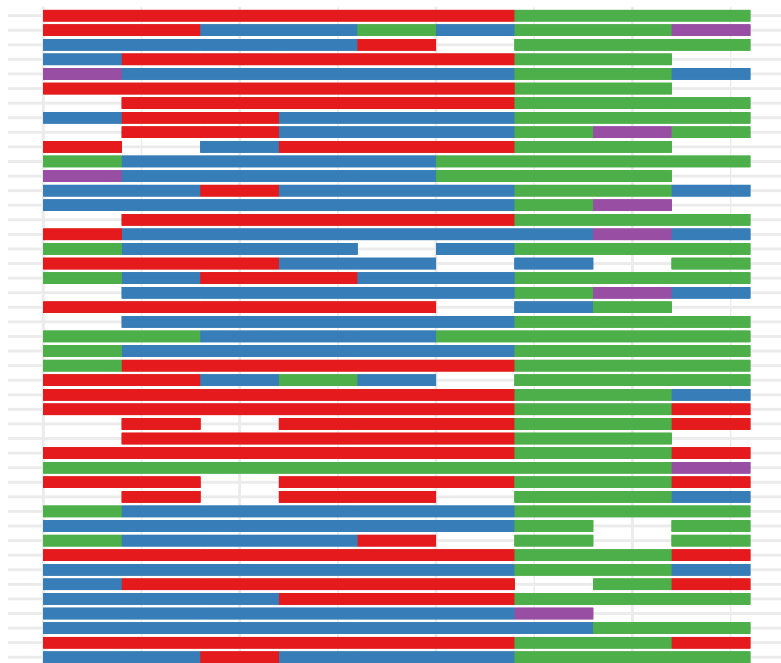
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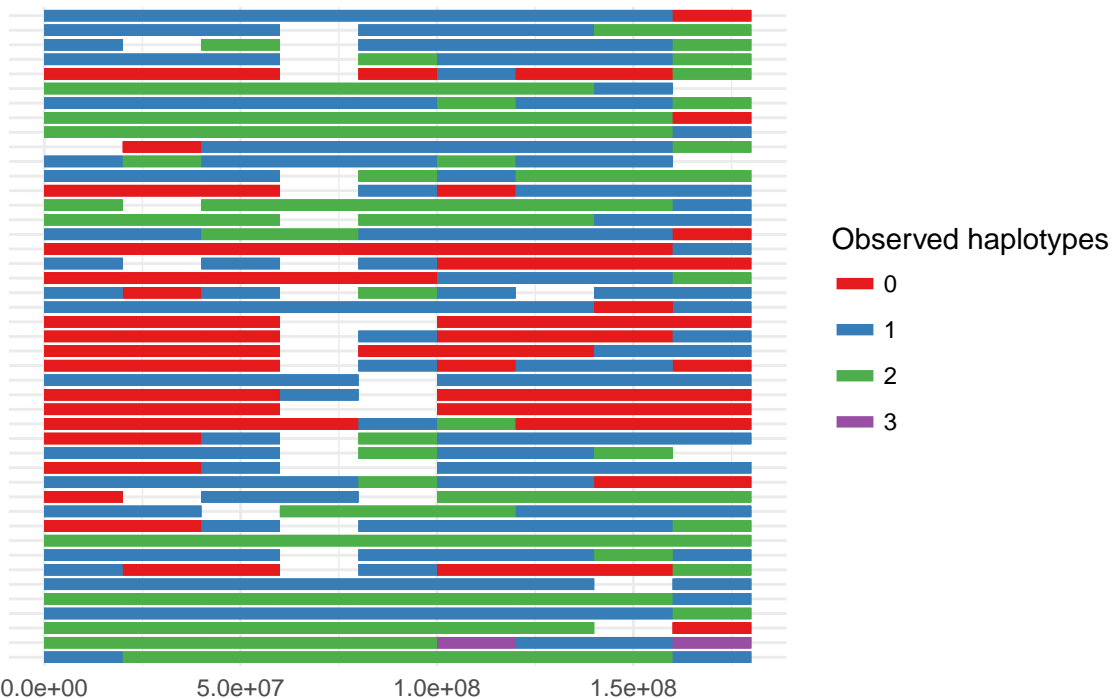
5.0e+07

1.0e+08

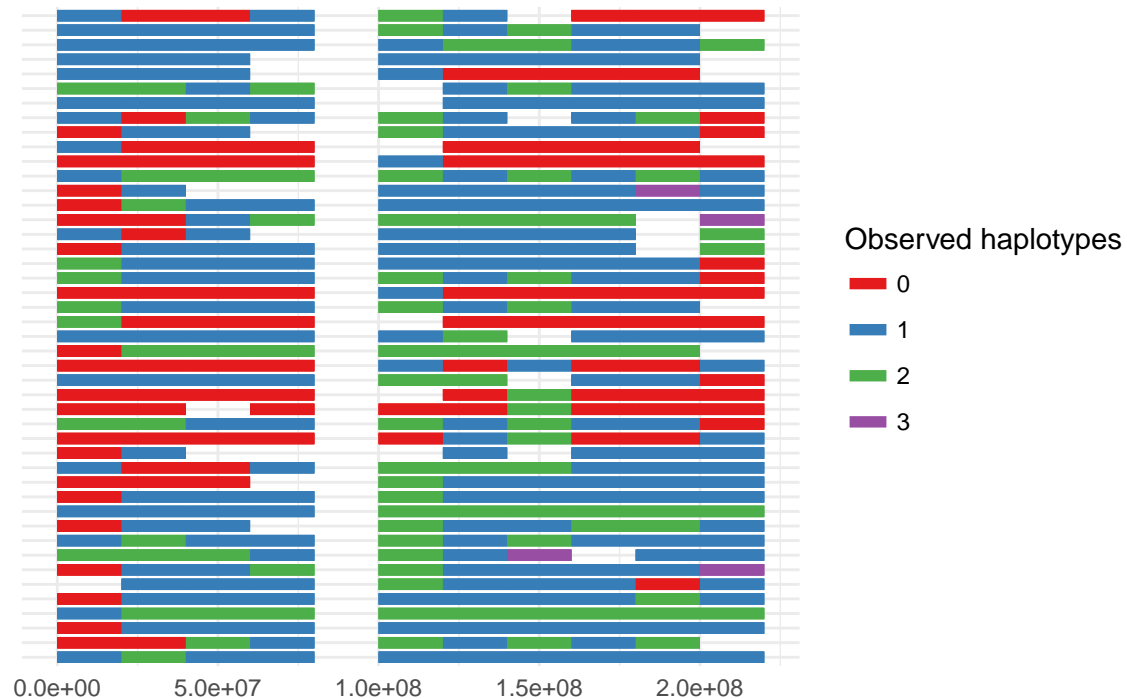
1.5e+08



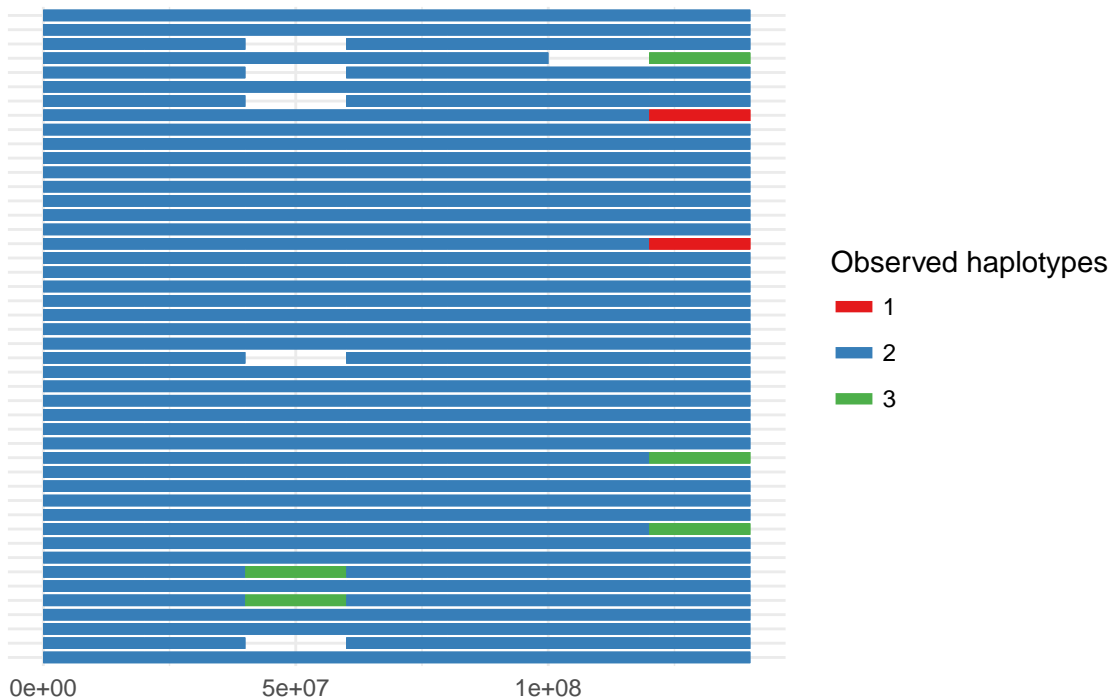
HCC 9 HanXRQChr16 10MB window haplotypecount



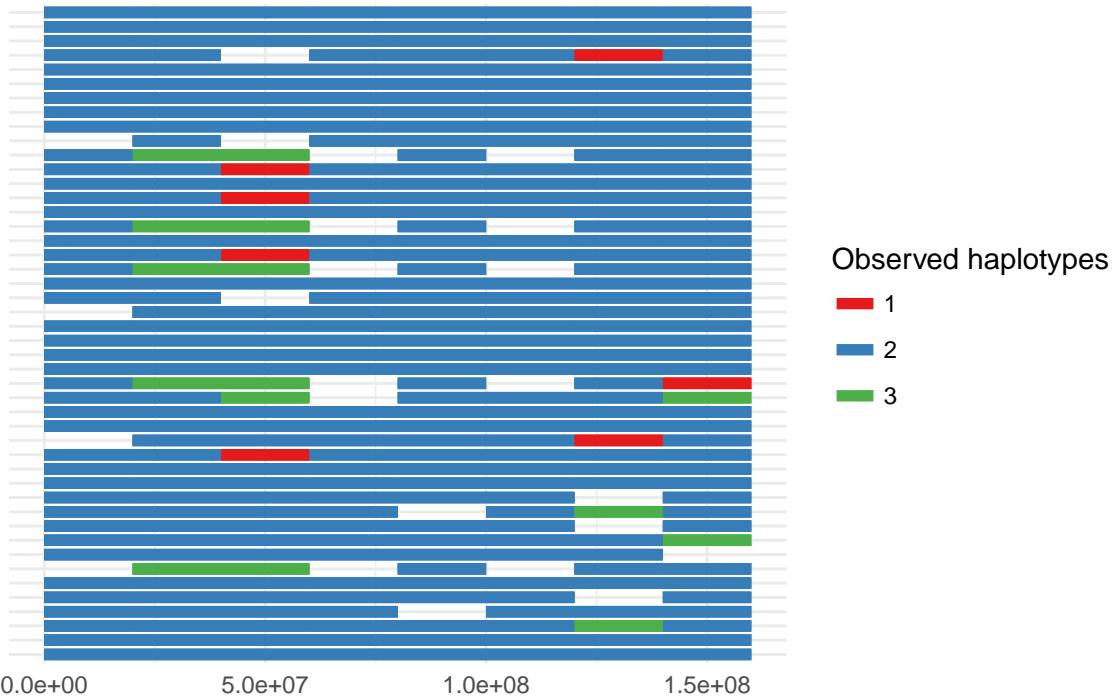
HCC 9 HanXRQChr17 10MB window haplotypecount



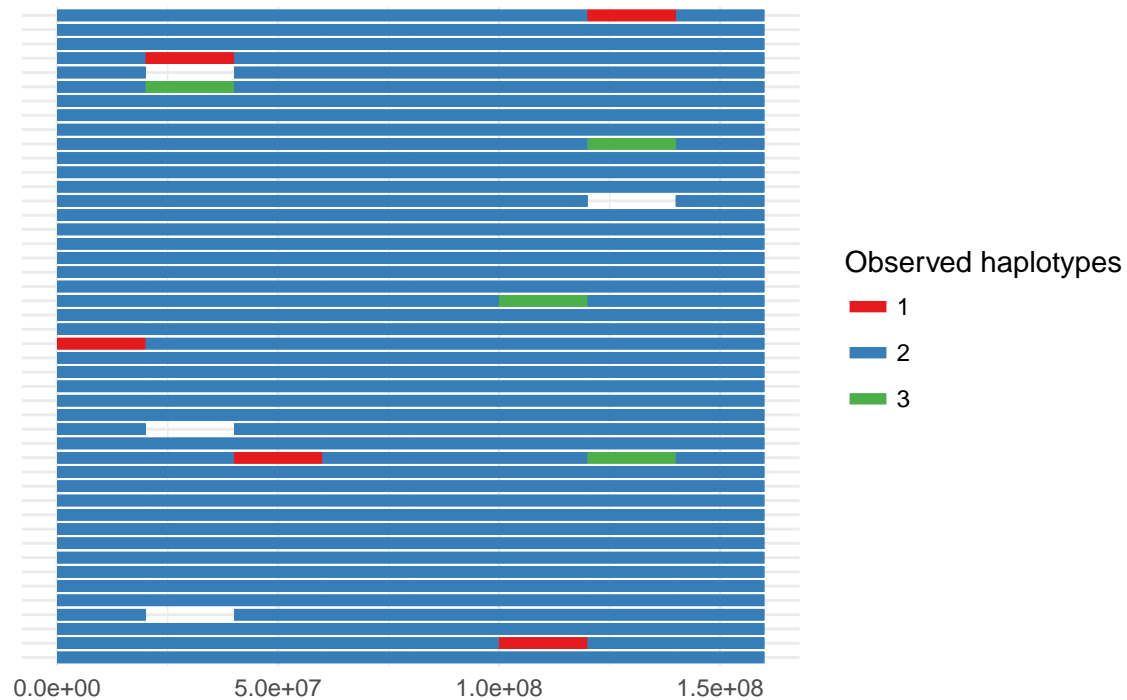
KPC 1 HanXRQChr01 10MB window haplotypescount



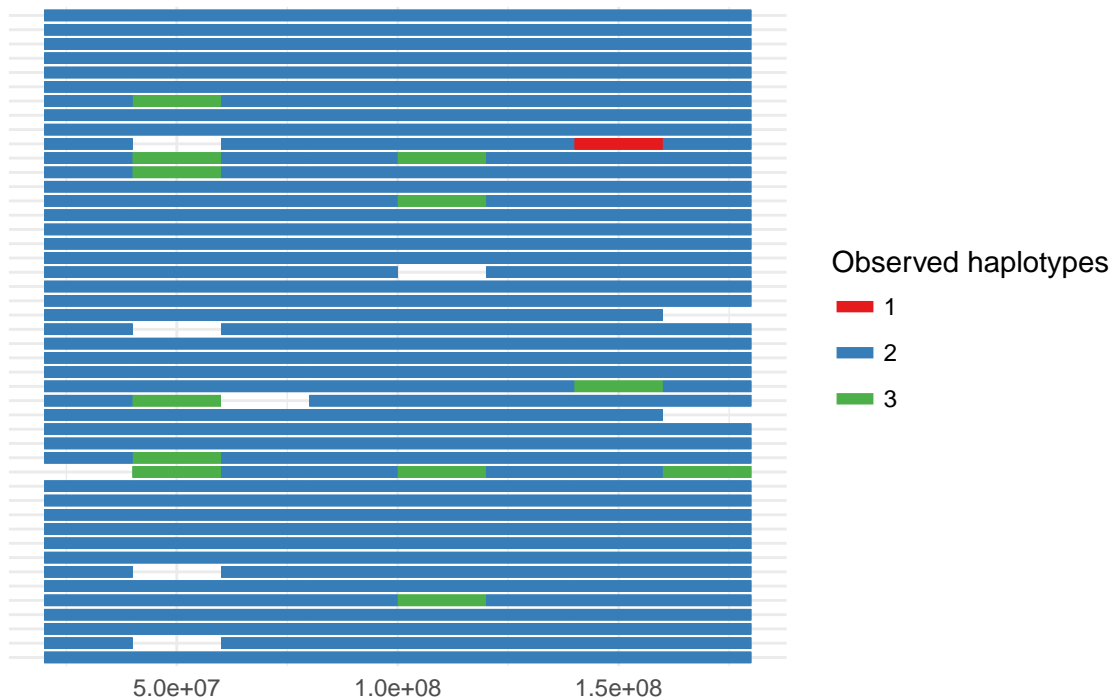
KPC 1 HanXRQChr02 10MB window haplotypescount



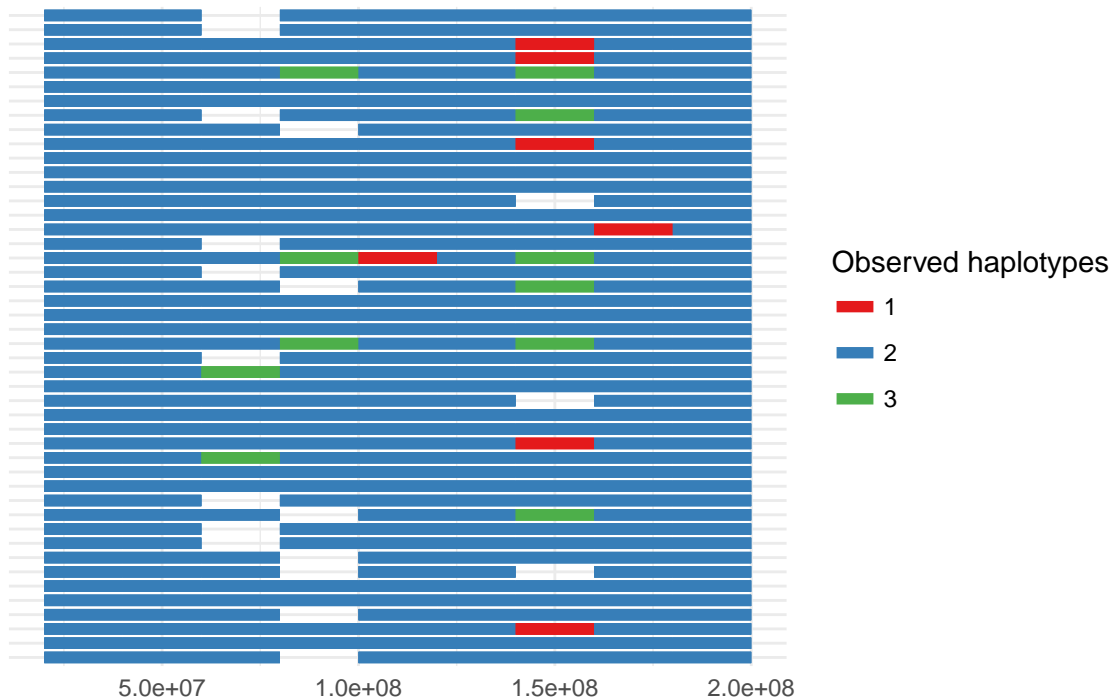
KPC 1 HanXRQChr03 10MB window haplotypescount



KPC 1 HanXRQChr04 10MB window haplotypecount



KPC 1 HanXRQChr05 10MB window haplotypecount



[illegible]

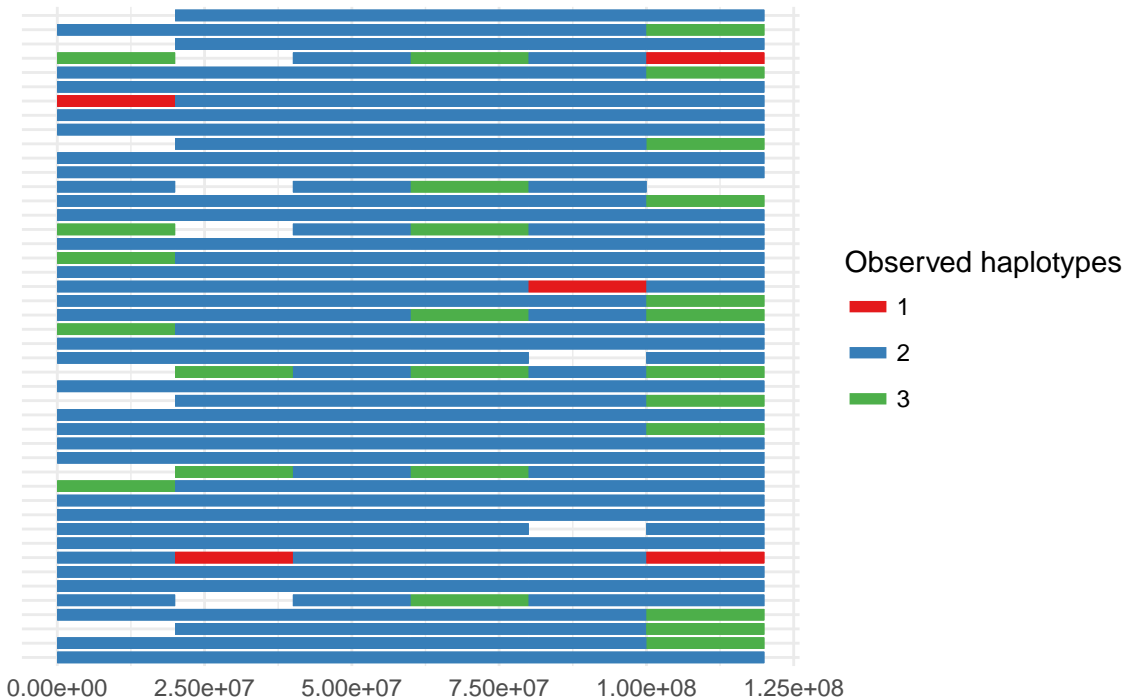
-  1
-  2
-  3

1

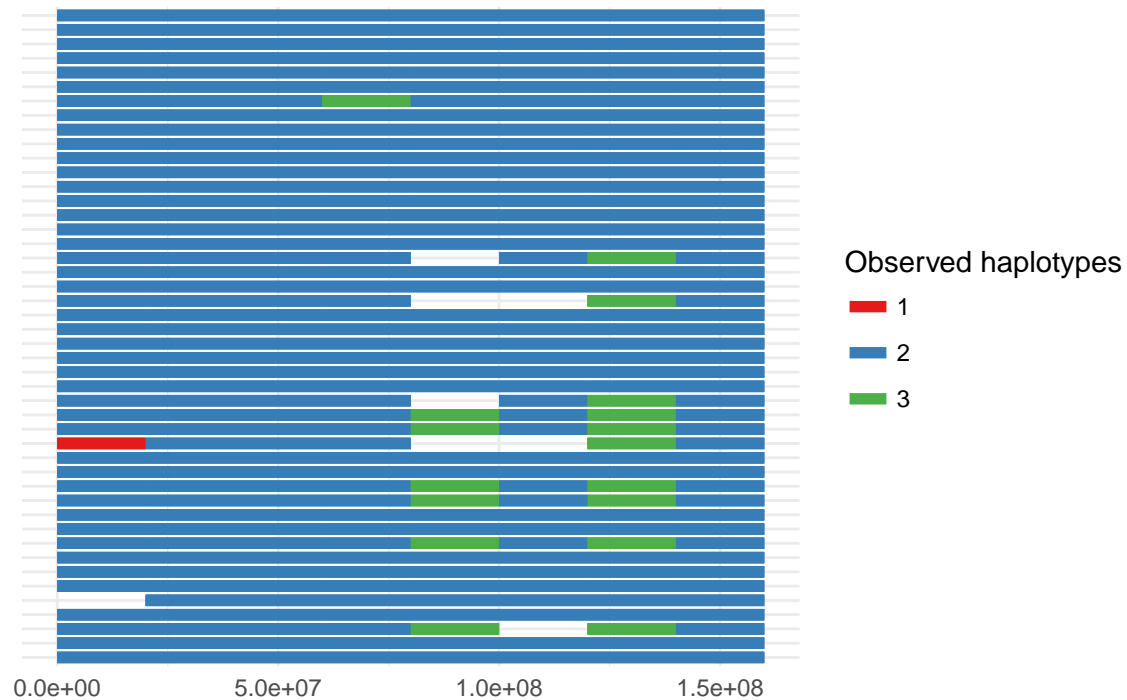
2

3

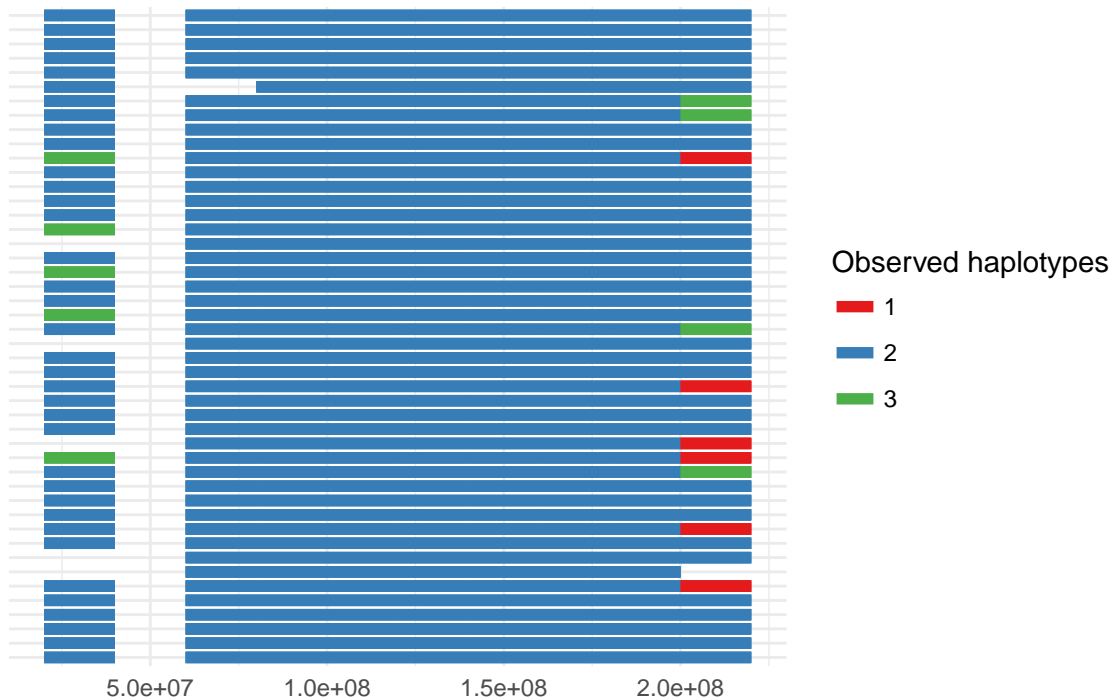
KPC 1 HanXRQChr07 10MB window haplotypecount



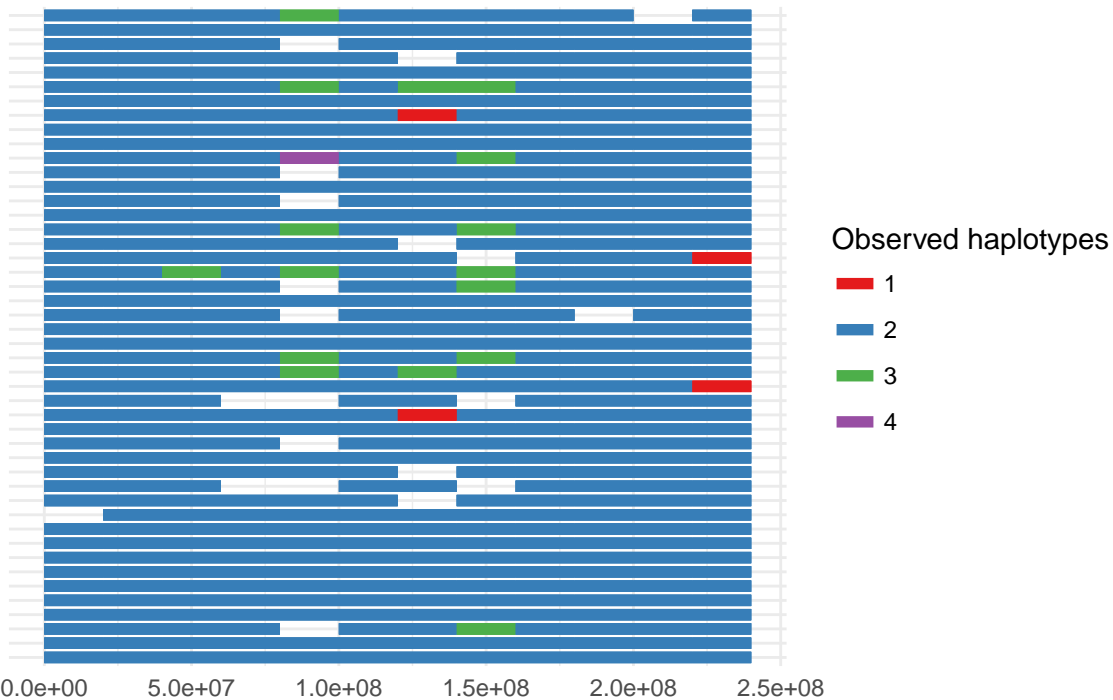
KPC 1 HanXRQChr08 10MB window haplotypecount



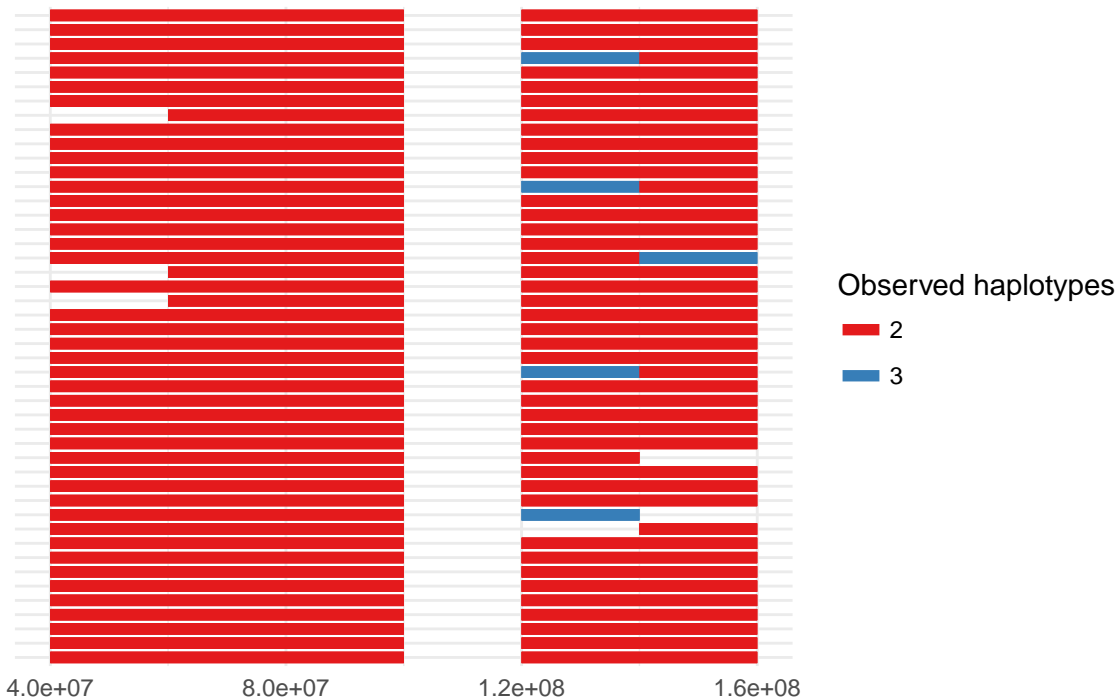
KPC 1 HanXRQChr09 10MB window haplotypescount



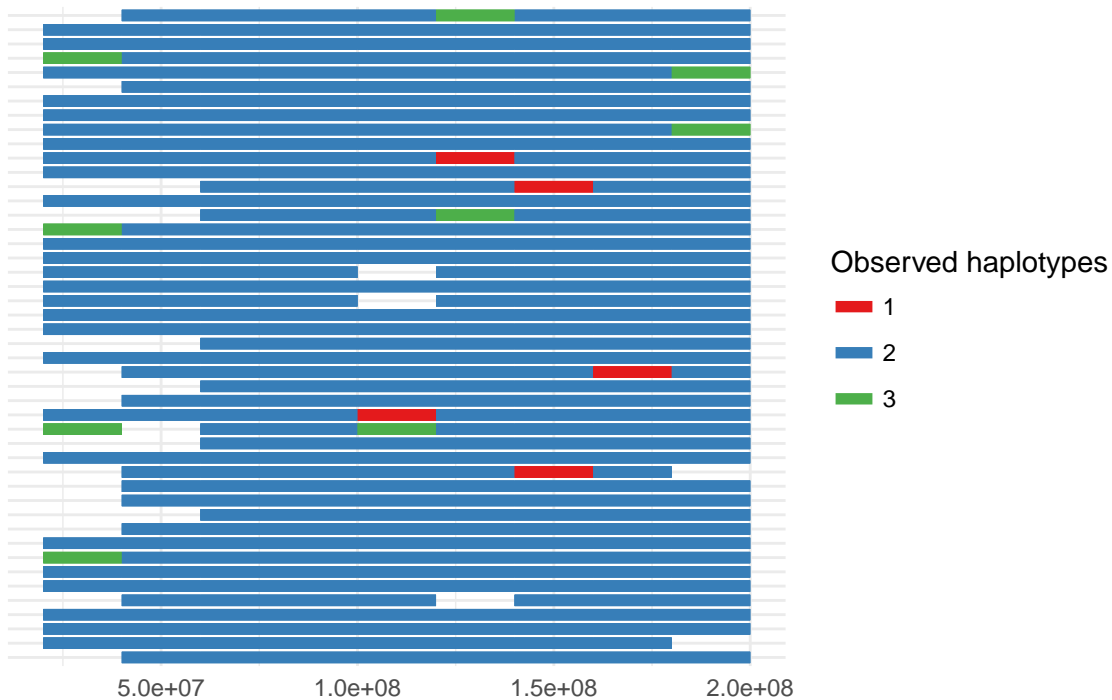
KPC 1 HanXRQChr10 10MB window haplotypecount



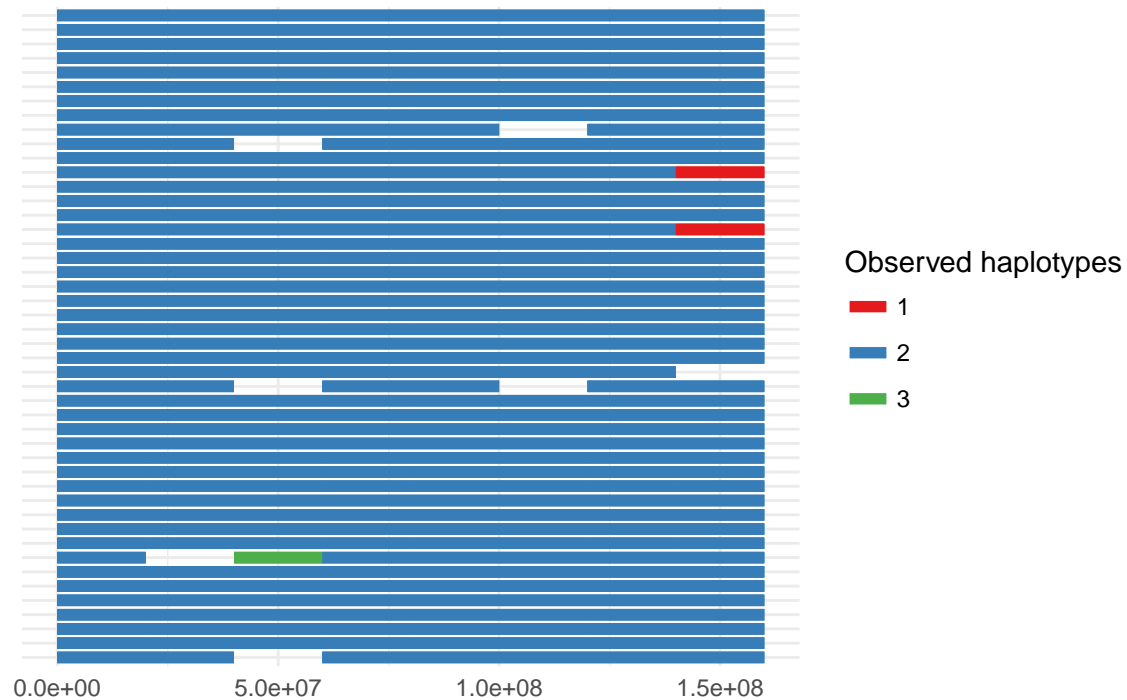
KPC 1 HanXRQChr11 10MB window haplotypecount



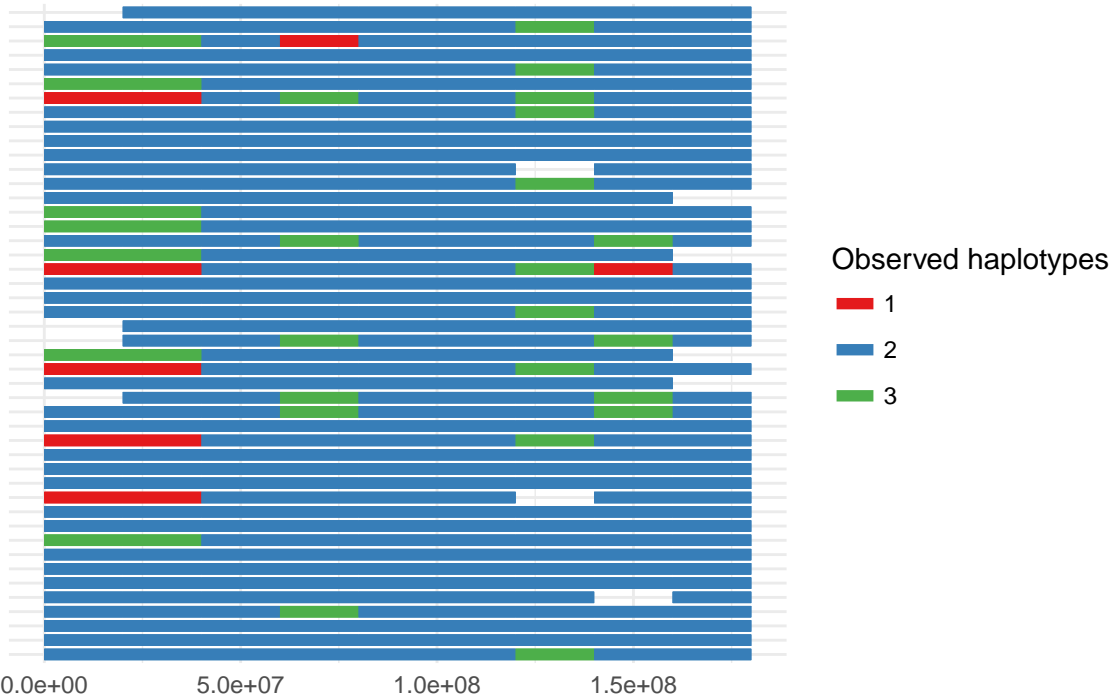
KPC 1 HanXRQChr13 10MB window haplotypecount



KPC 1 HanXRQChr14 10MB window haplotypecount



KPC 1 HanXRQChr15 10MB window haplotypecount



KPC 1 HanXRQChr16 10MB window haplotypecount

Observed haplotypes

1

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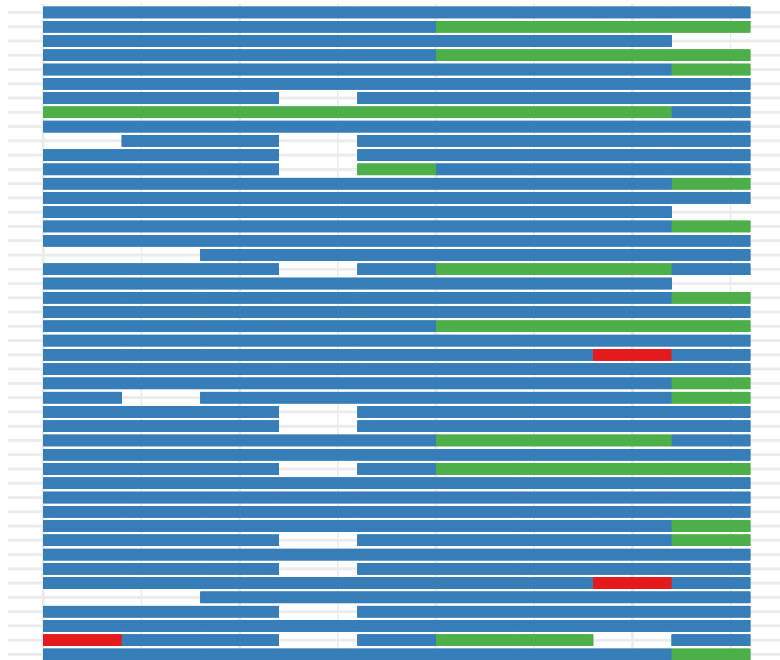
3

0.0e+00

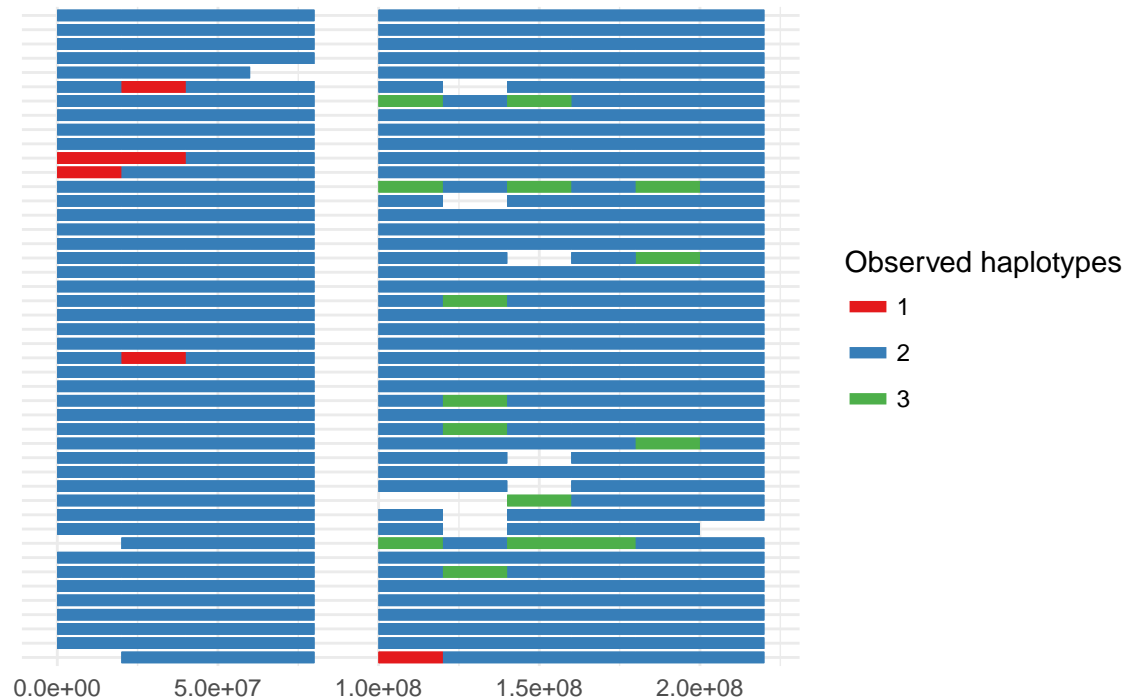
5.0e+07

1.0e+08

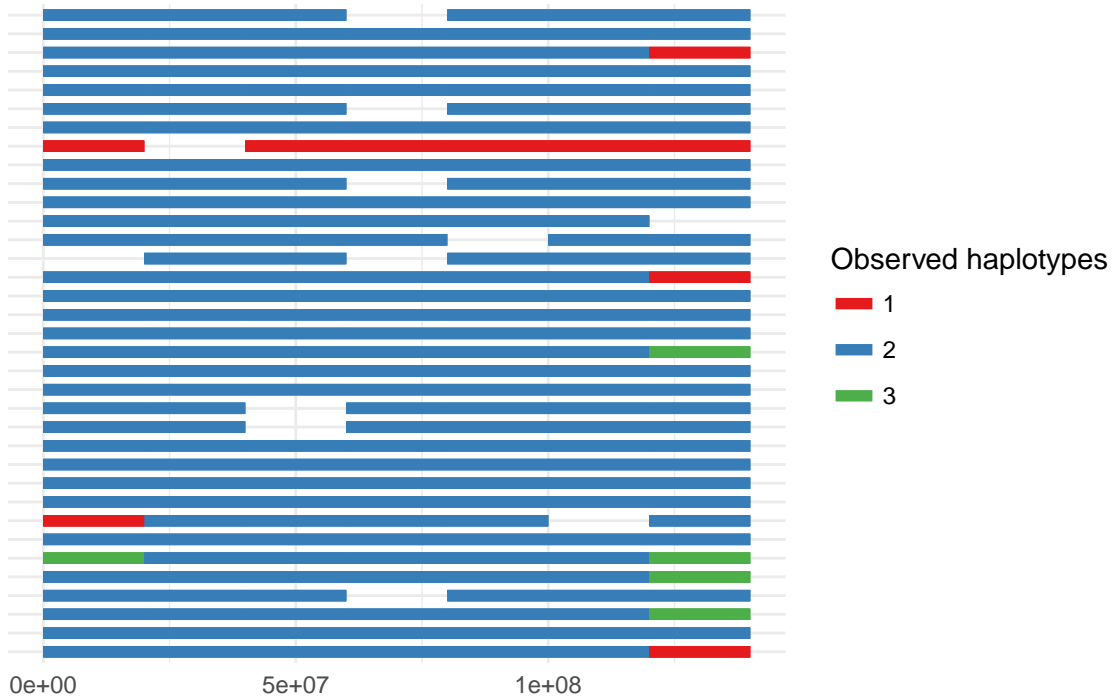
1.5e+08



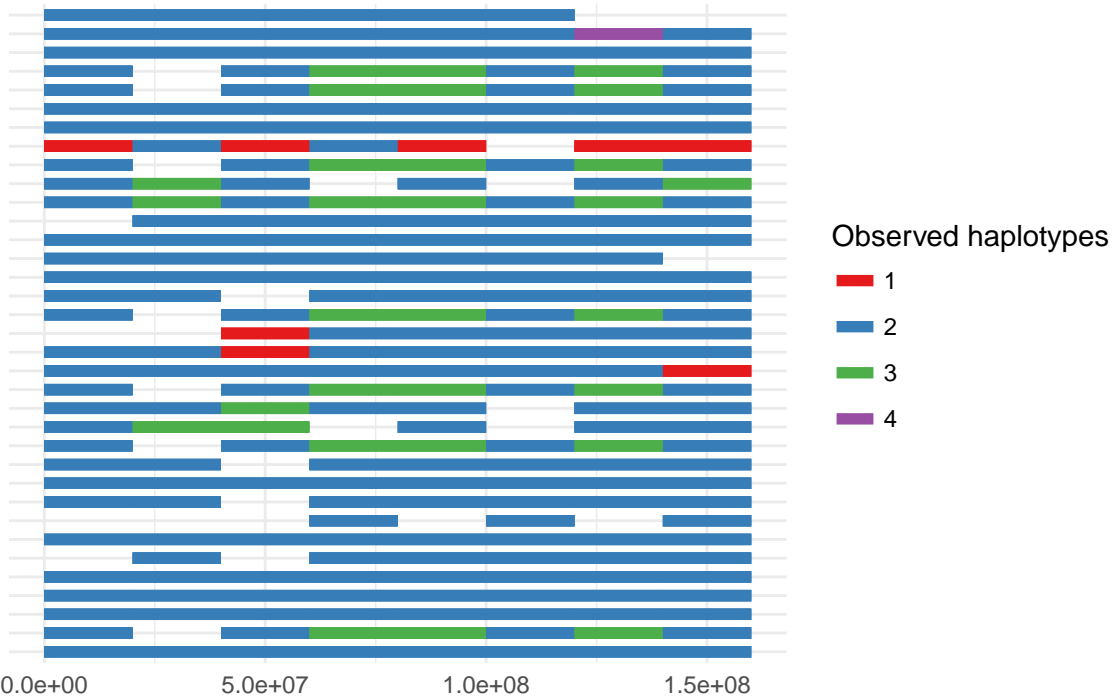
KPC 1 HanXRQChr17 10MB window haplotypecount



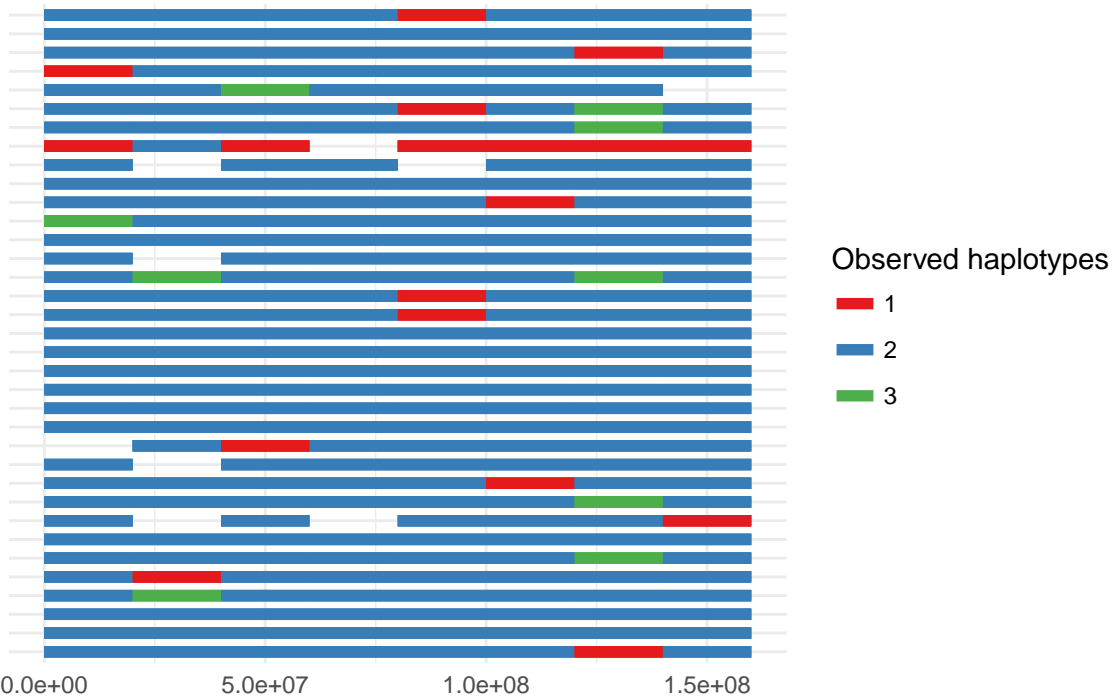
KPC 2 HanXRQChr01 10MB window haplotypescount



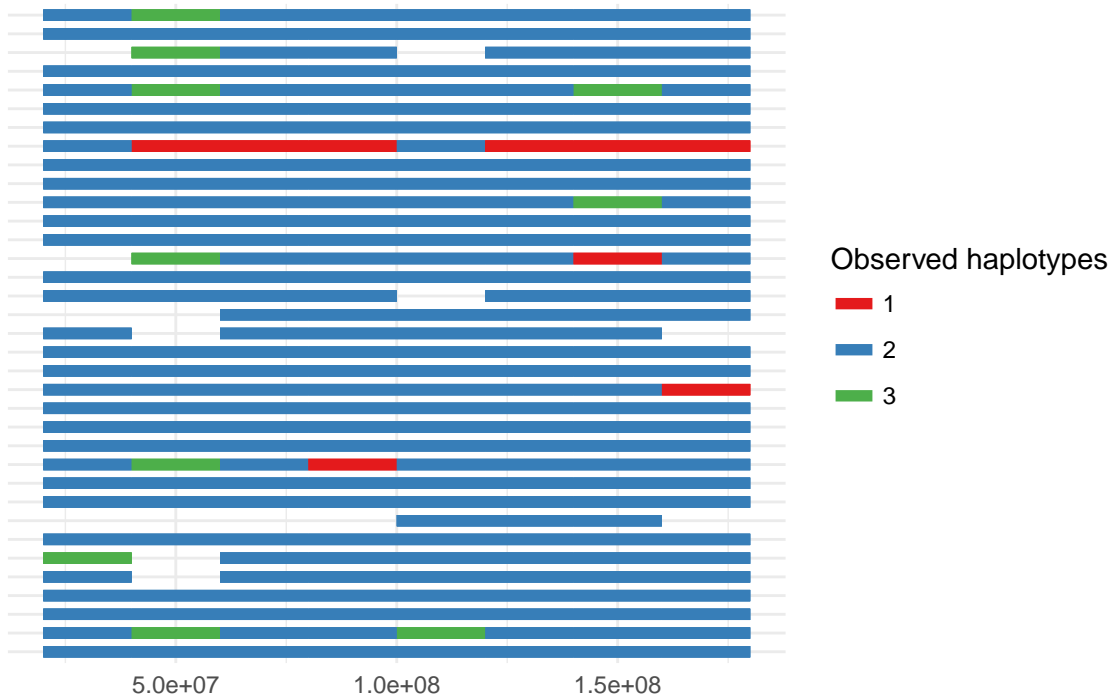
KPC 2 HanXRQChr02 10MB window haplotypescount



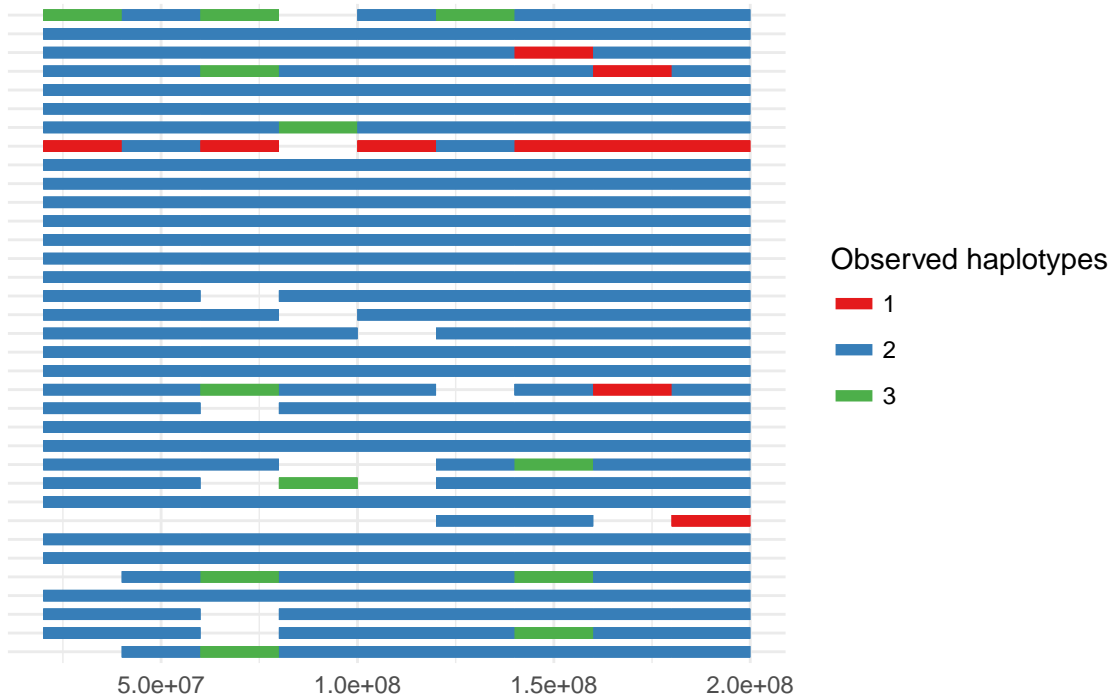
KPC 2 HanXRQChr03 10MB window haplotypecount



KPC 2 HanXRQChr04 10MB window haplotypecount



KPC 2 HanXRQChr05 10MB window haplotypescount



KPC 2 HanXRQChr06 10MB window haplotypescount

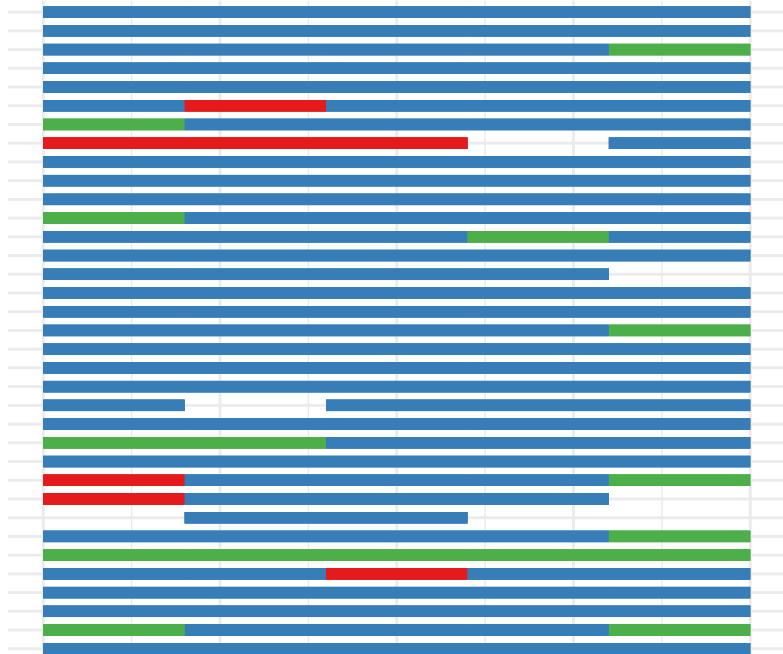
Observed haplotypes

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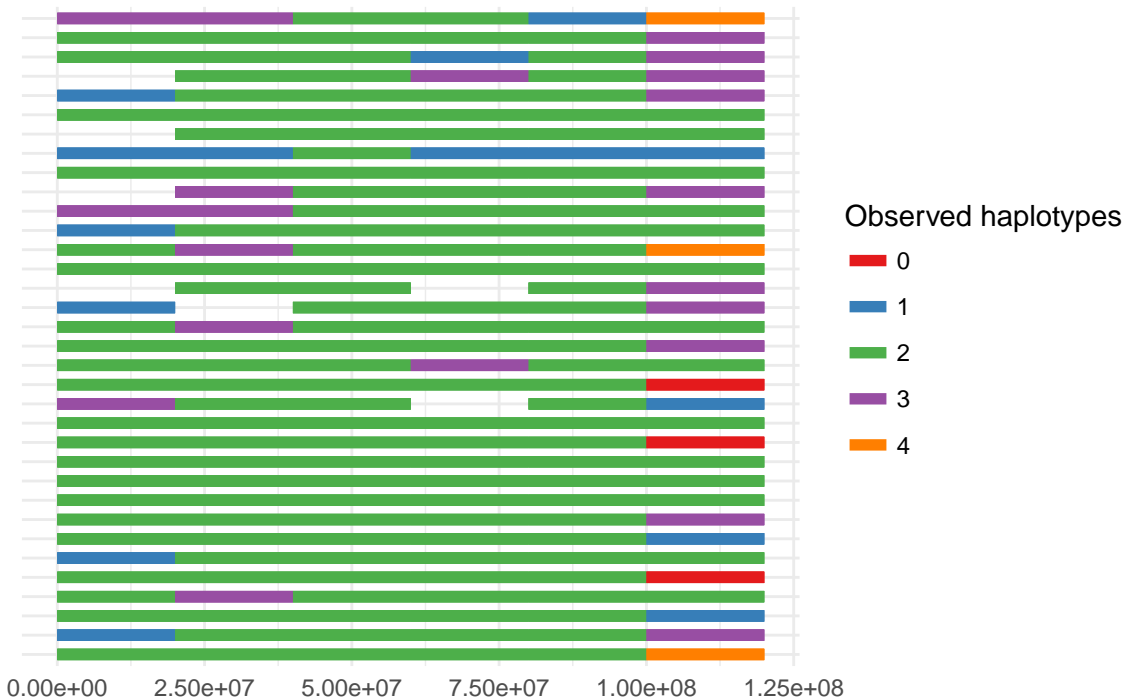
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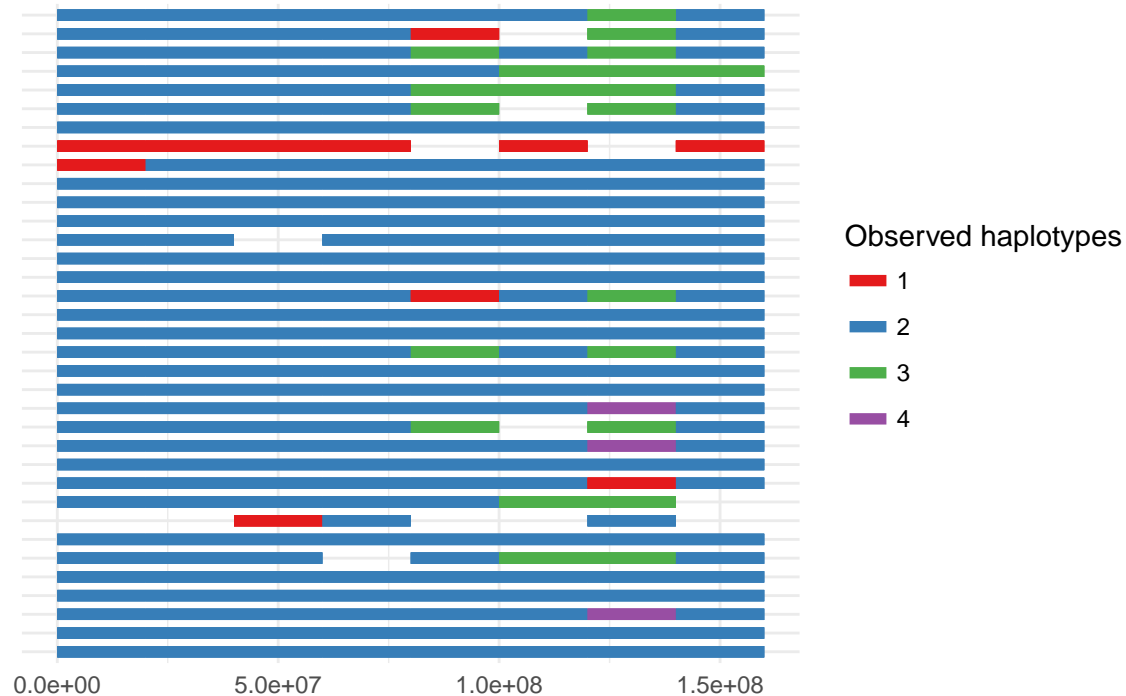
0.0e+00 2.5e+07 5.0e+07 7.5e+07 1.0e+08



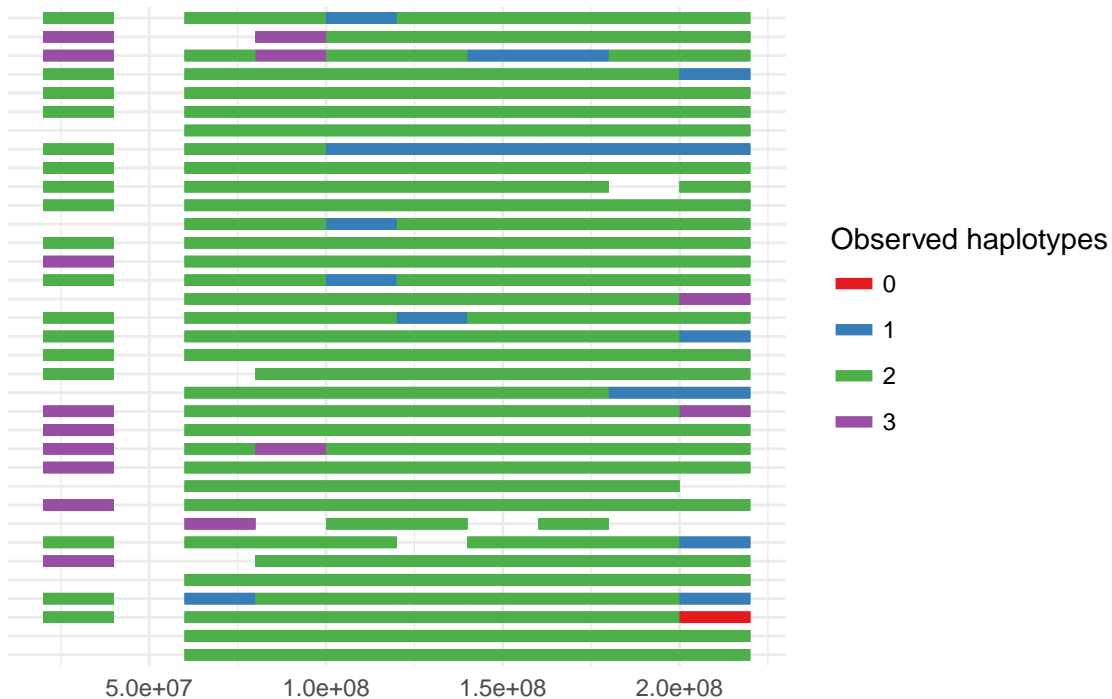
KPC 2 HanXRQChr07 10MB window haplotypecount



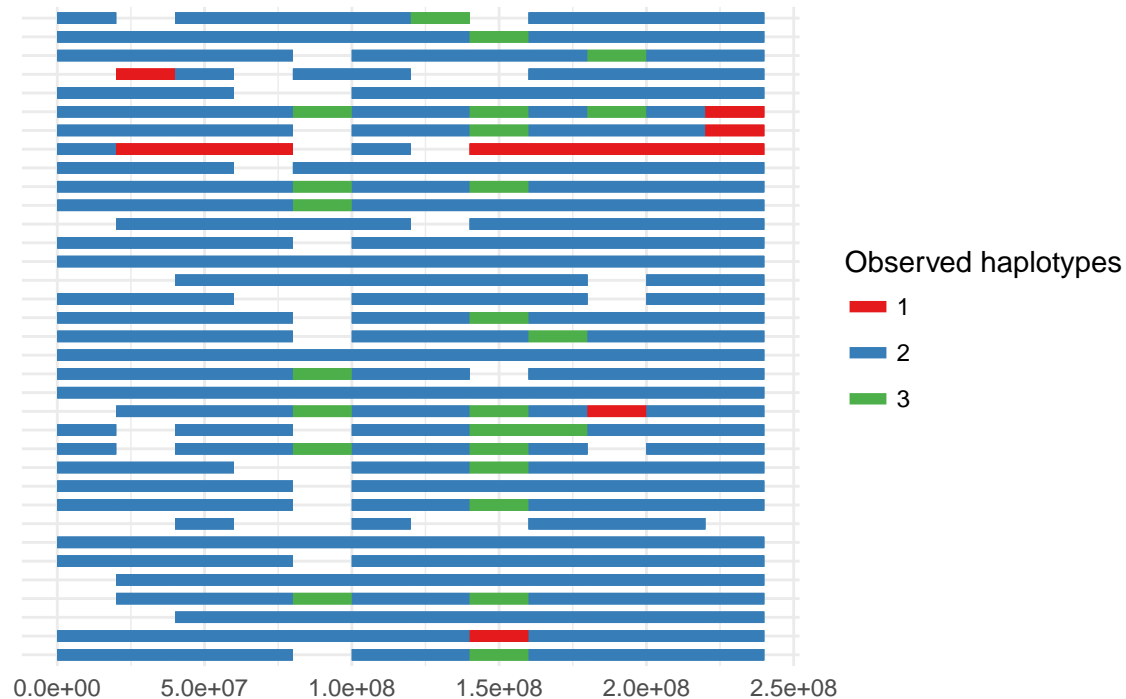
KPC 2 HanXRQChr08 10MB window haplotypescount



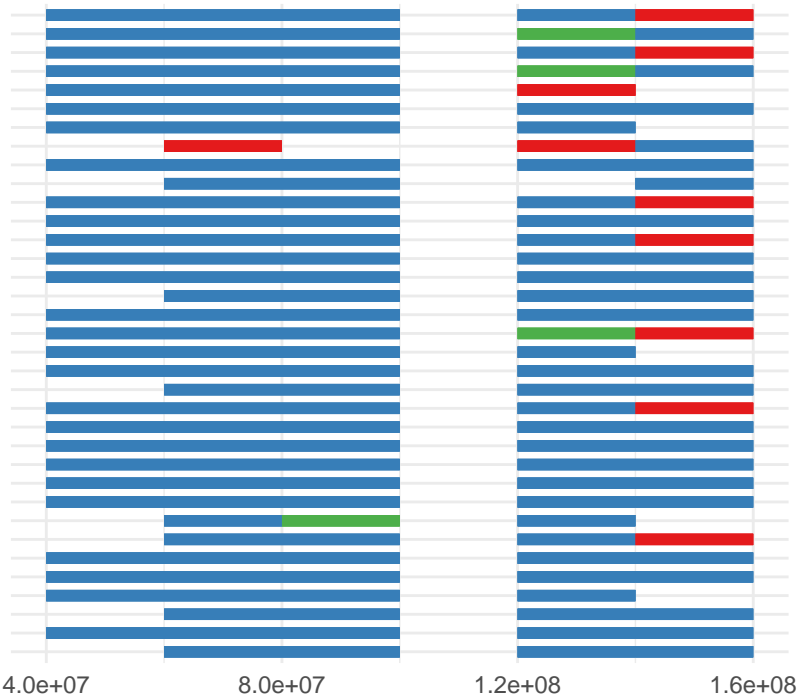
KPC 2 HanXRQChr09 10MB window haplotypecount



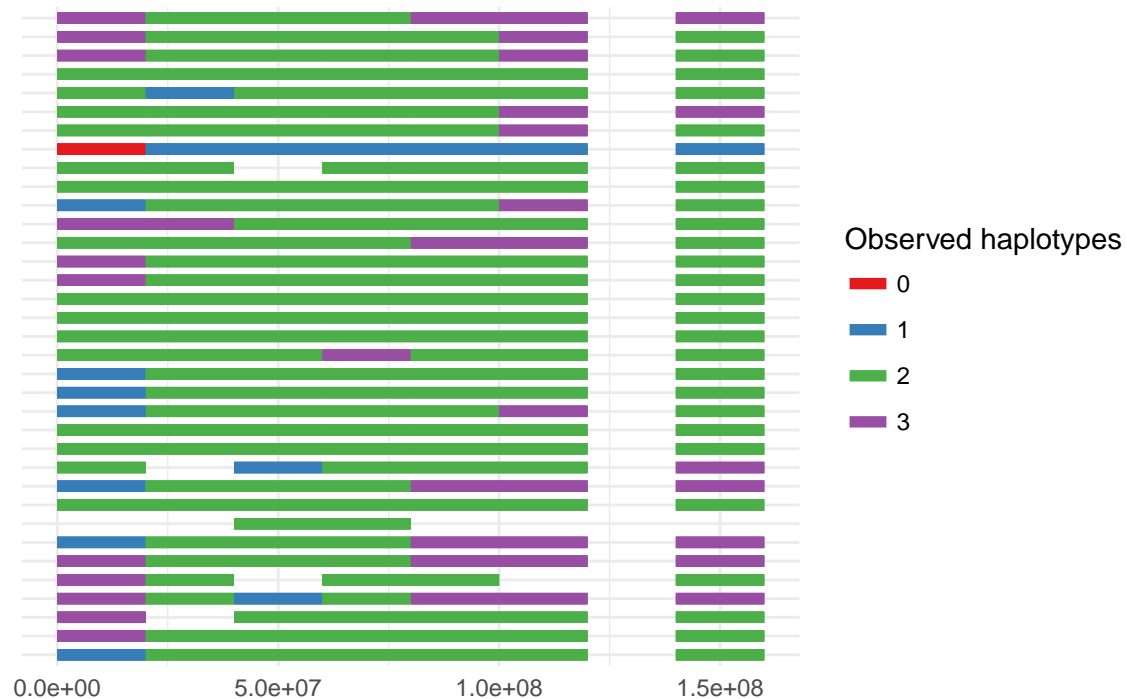
KPC 2 HanXRQChr10 10MB window haplotypecount



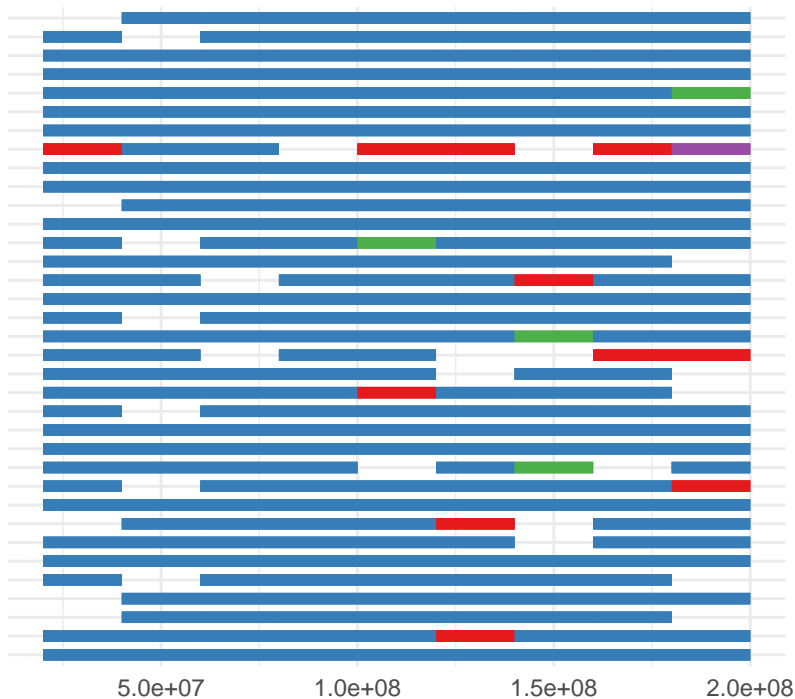
KPC 2 HanXRQChr11 10MB window haplotypecount



KPC 2 HanXRQChr12 10MB window haplotypecount



KPC 2 HanXRQChr13 10MB window haplotypecount



Observed haplotypes

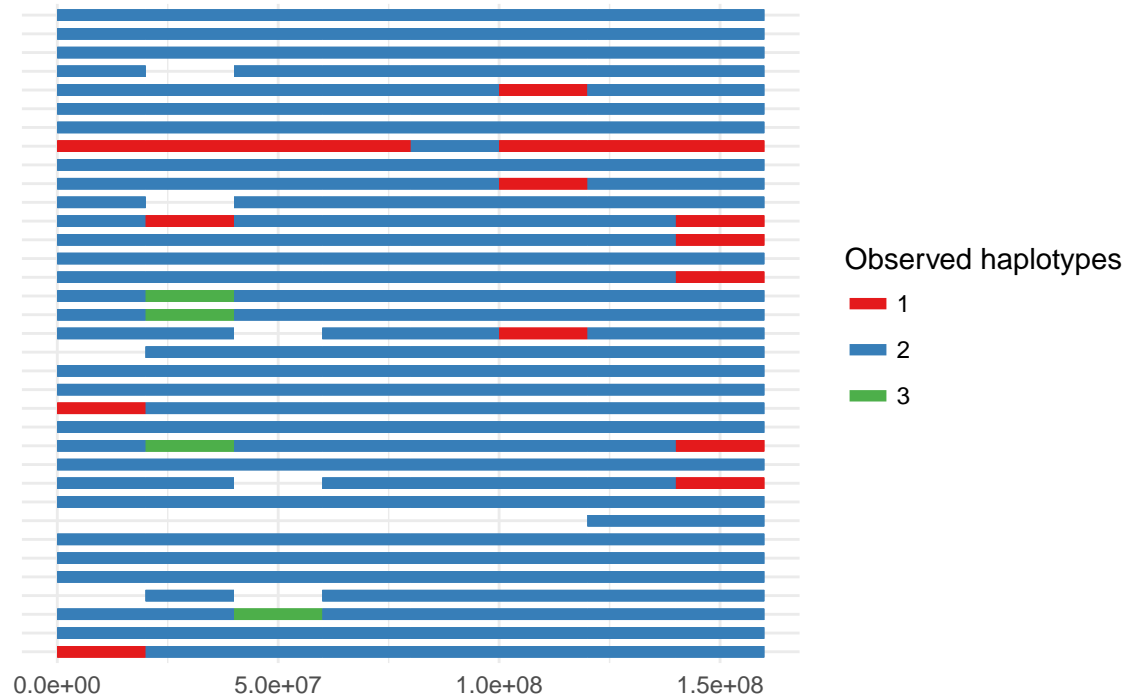
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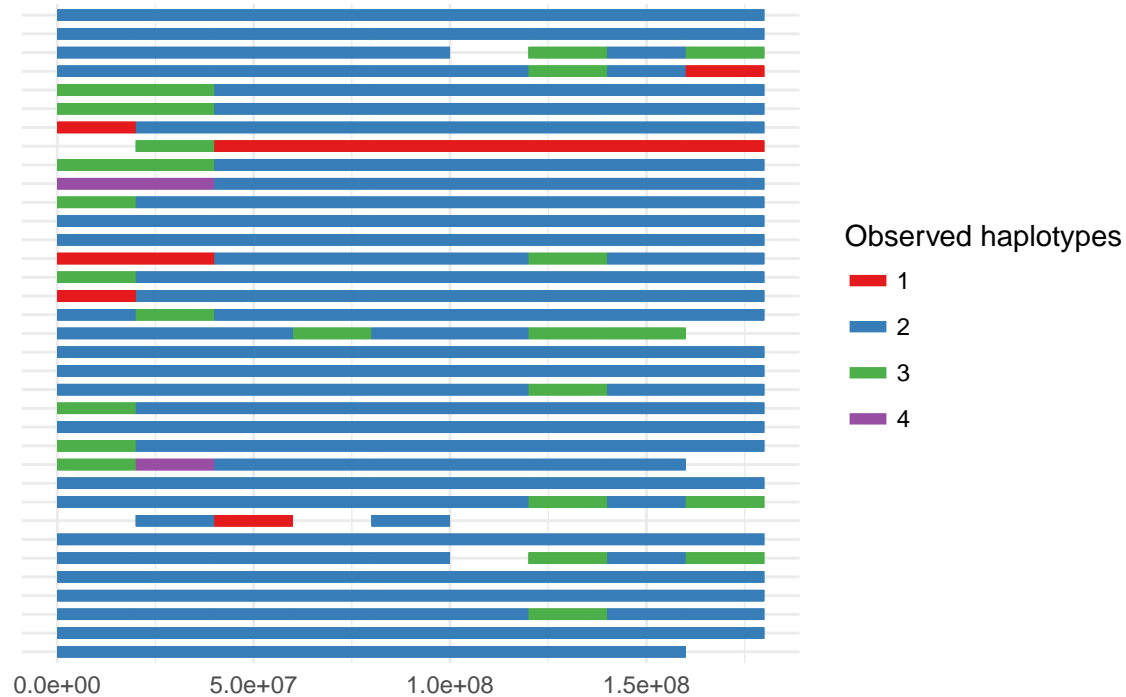
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4

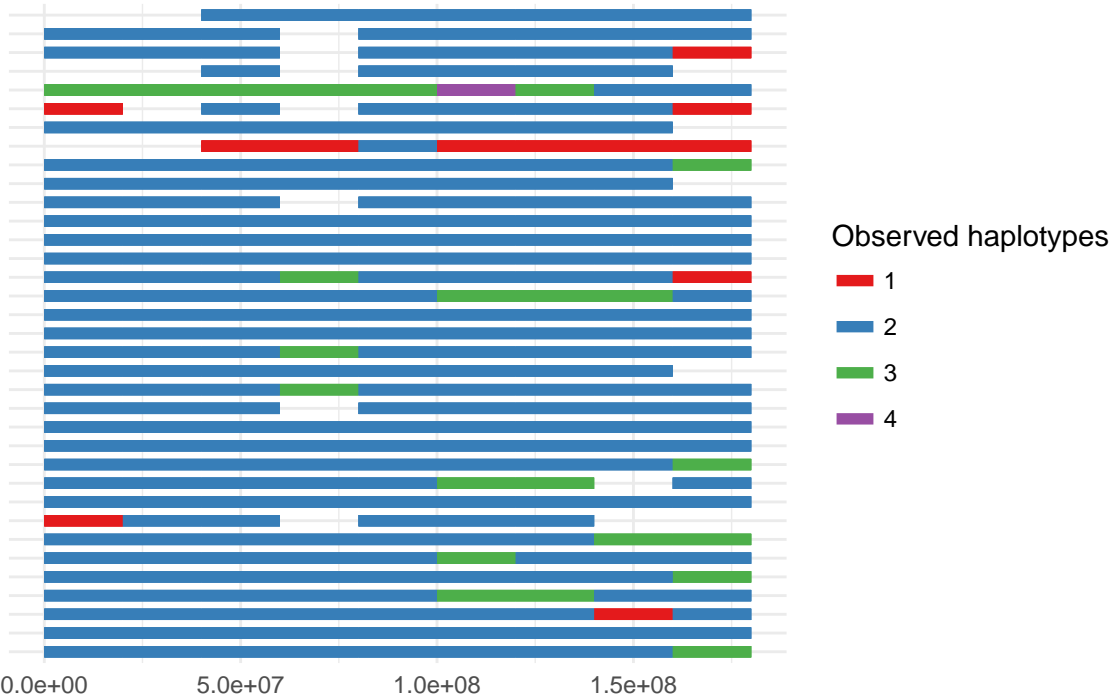
KPC 2 HanXRQChr14 10MB window haplotypecount



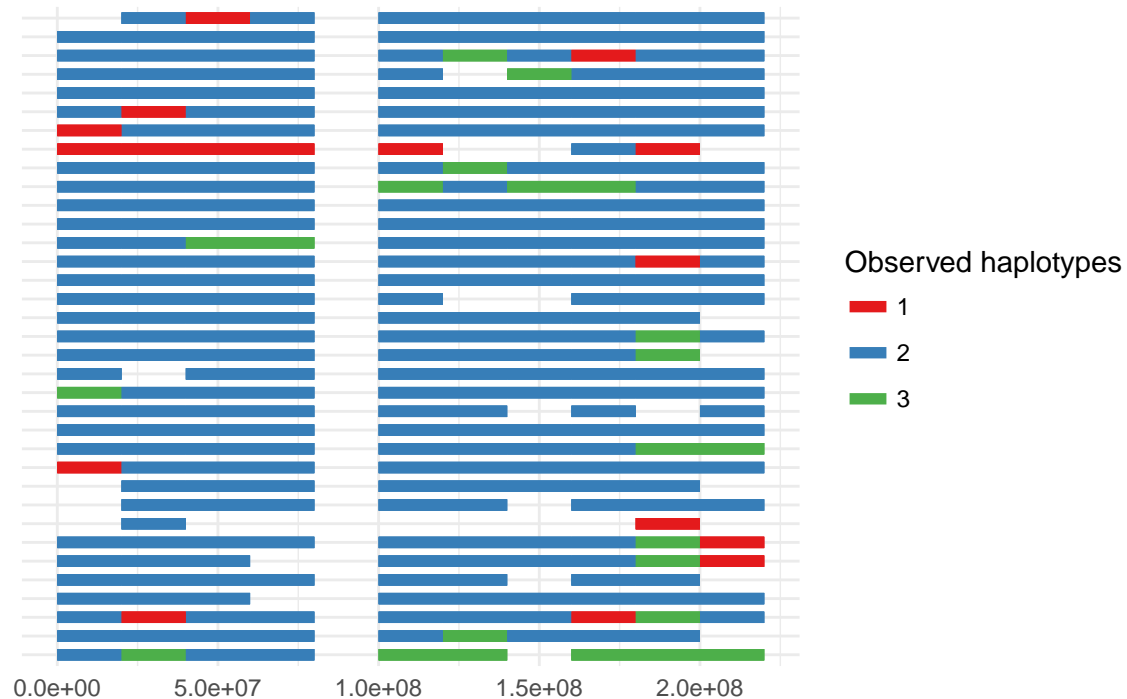
KPC 2 HanXRQChr15 10MB window haplotypecount



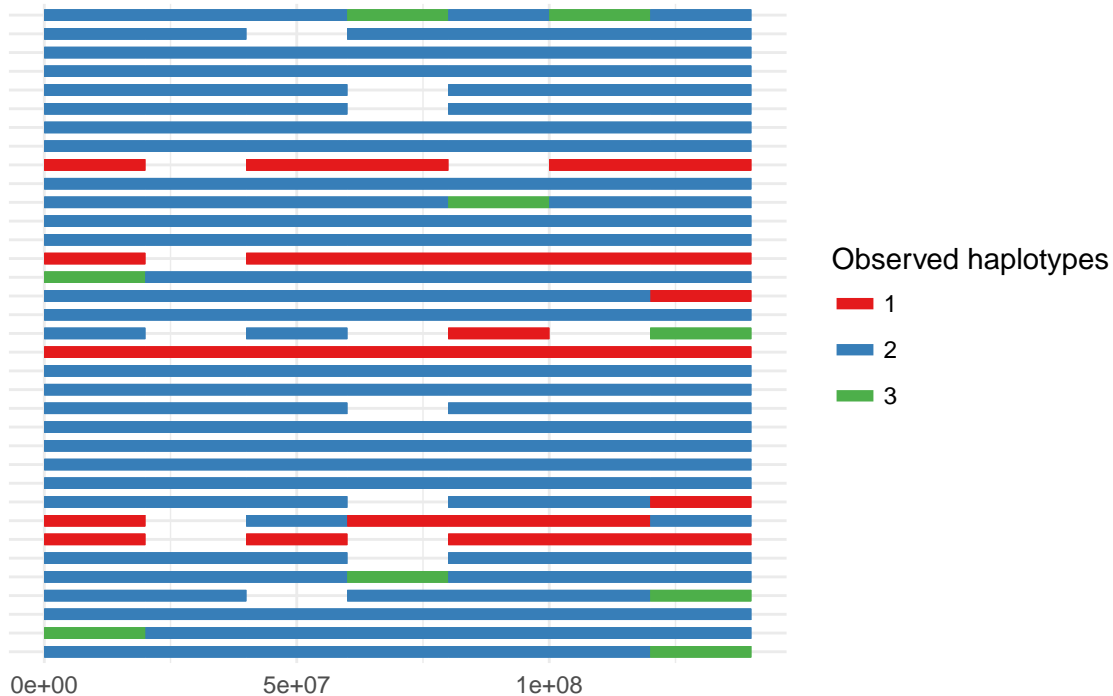
KPC 2 HanXRQChr16 10MB window haplotypescount



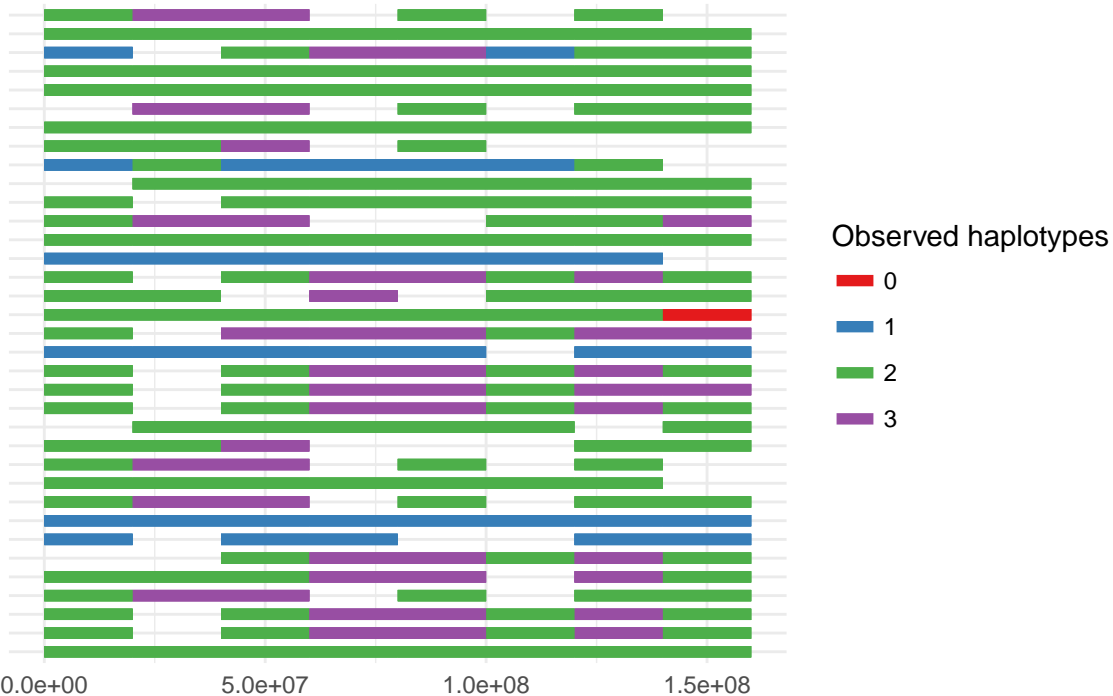
KPC 2 HanXRQChr17 10MB window haplotypescount



KPC 3 HanXRQChr01 10MB window haplotypescount



KPC 3 HanXRQChr02 10MB window haplotypecount



KPC 3 HanXRQChr03 10MB window haplotypecount

Observed haplotypes

0

1

2

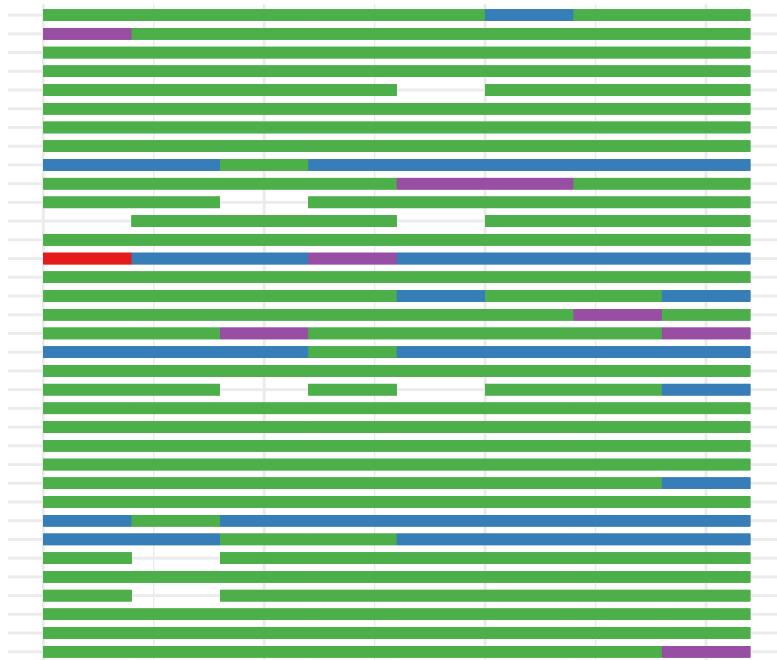
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0.0e+00

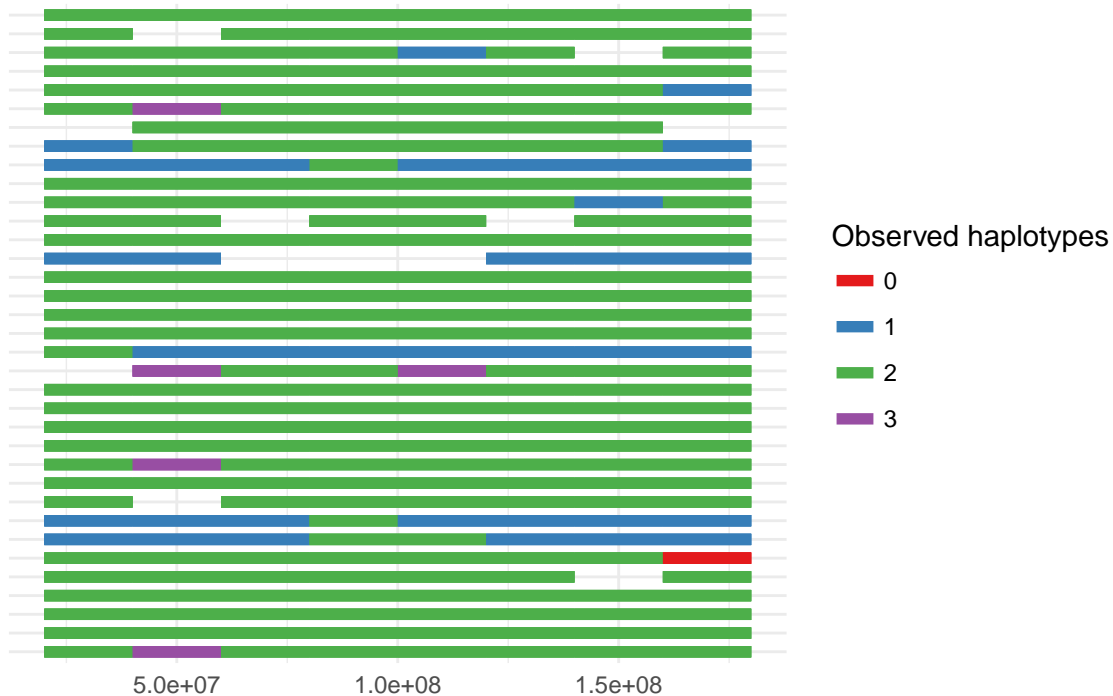
5.0e+07

1.0e+08

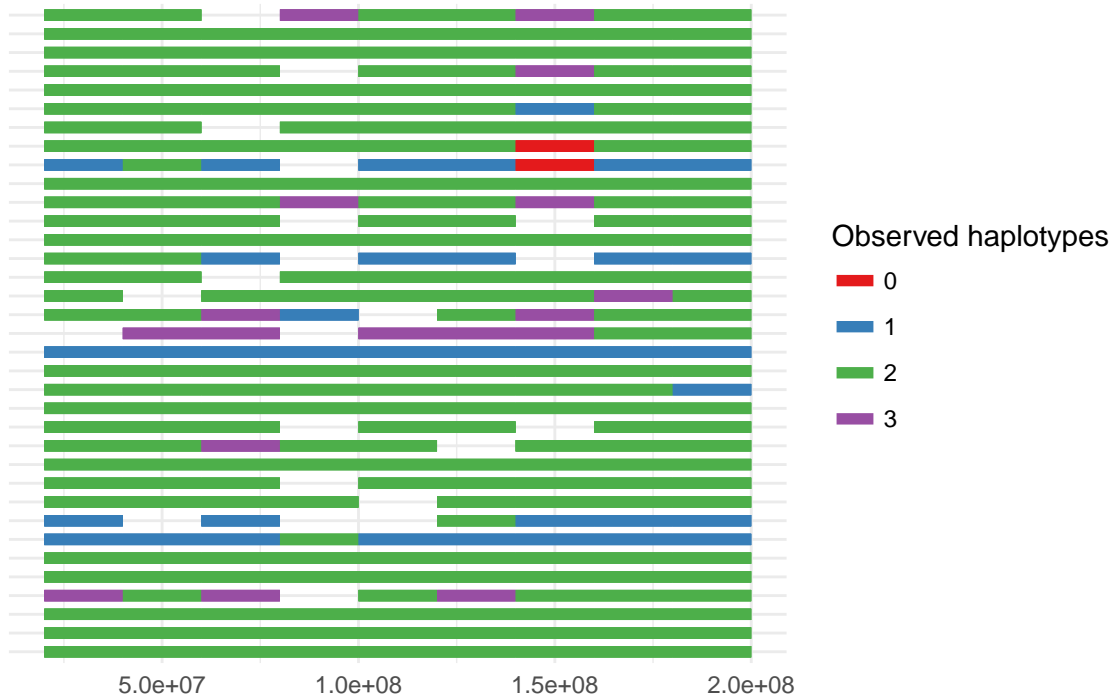
1.5e+08



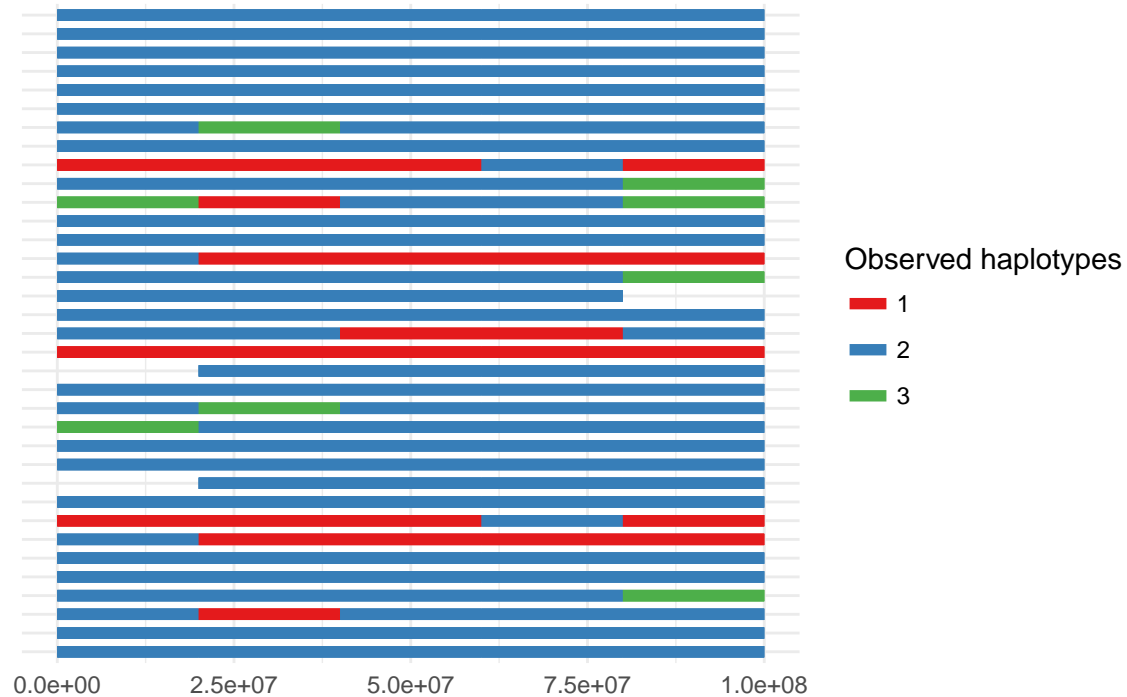
KPC 3 HanXRQChr04 10MB window haplotypecount



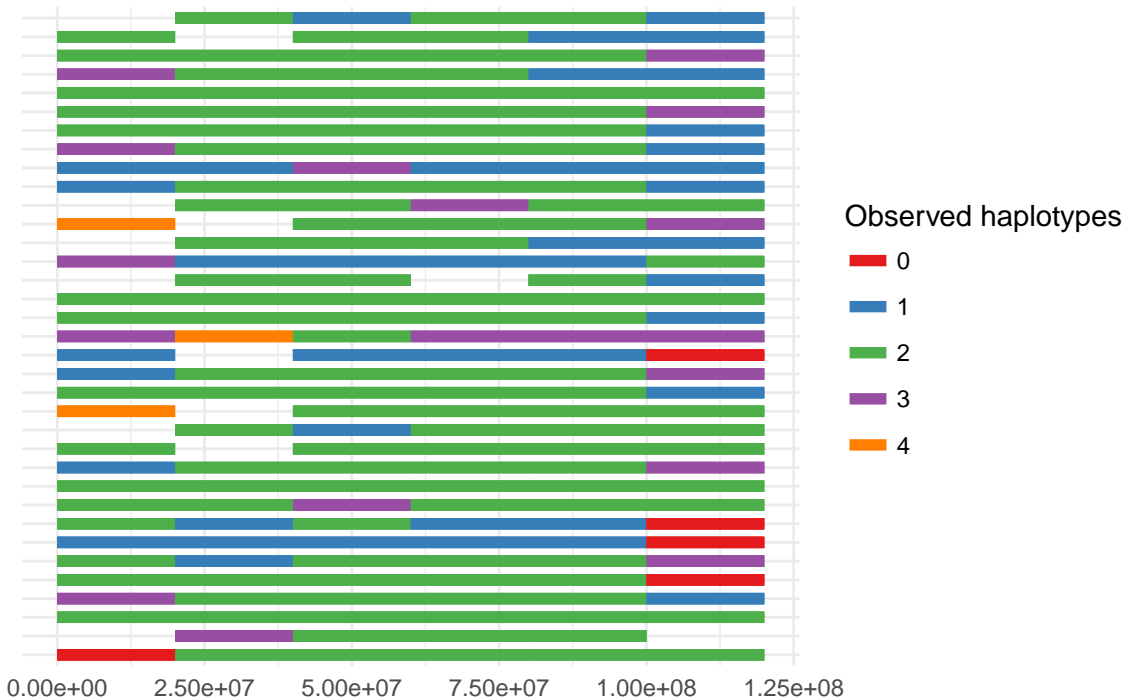
KPC 3 HanXRQChr05 10MB window haplotypecount



KPC 3 HanXRQChr06 10MB window haplotypecount



KPC 3 HanXRQChr07 10MB window haplotypecount



KPC 3 HanXRQChr08 10MB window haplotypescount

Observed haplotypes

1

2

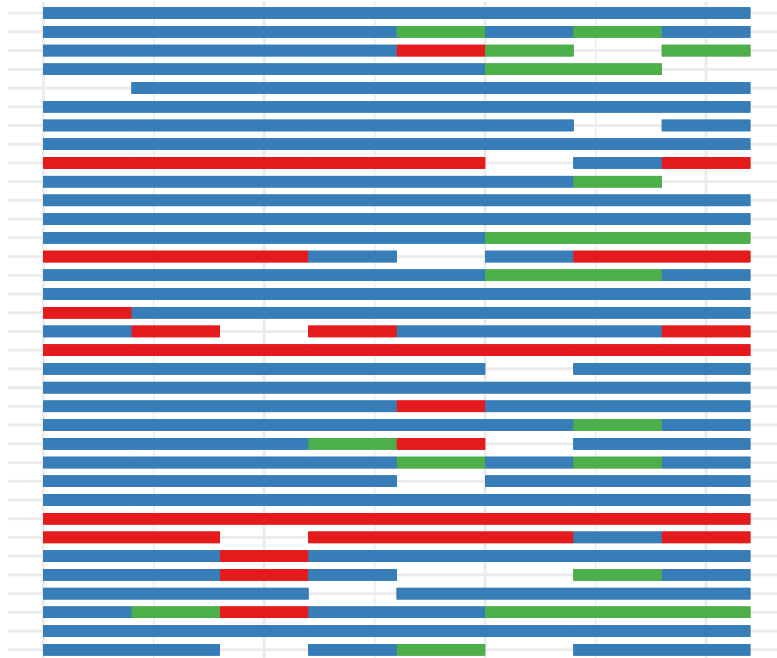
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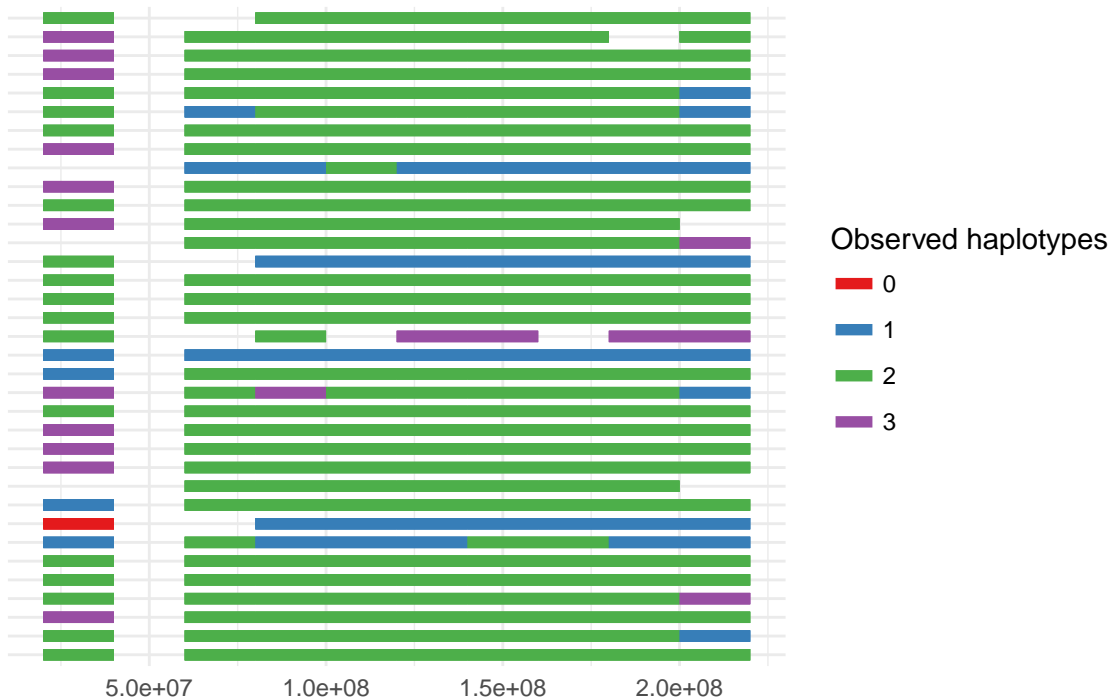
5.0e+07

1.0e+08

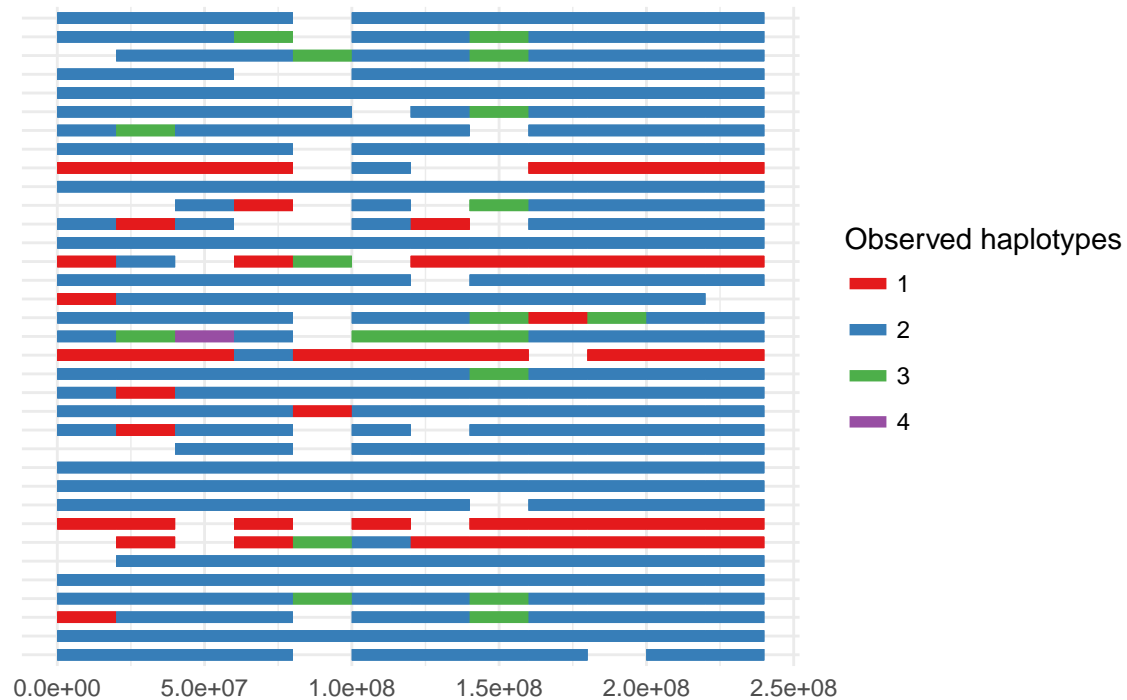
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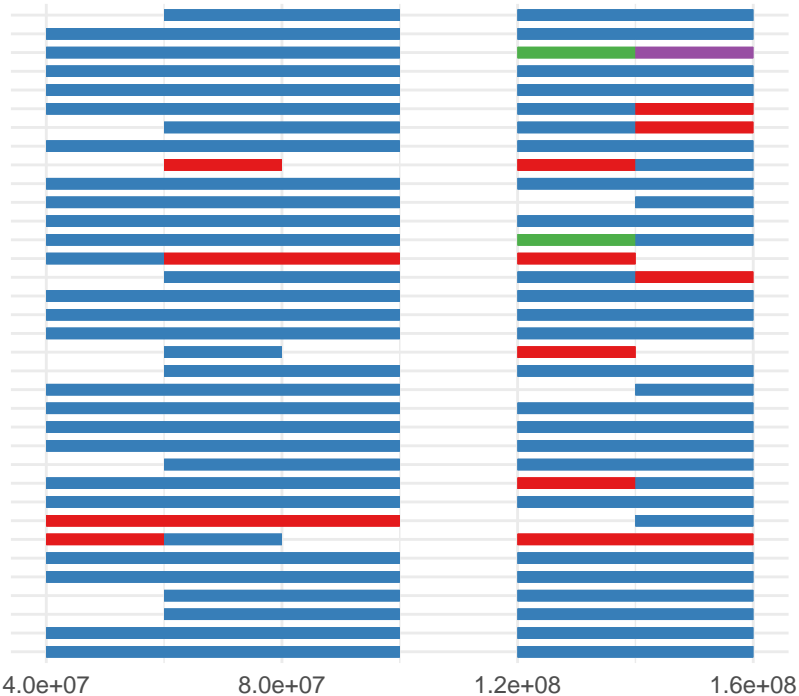
KPC 3 HanXRQChr09 10MB window haplotypecount



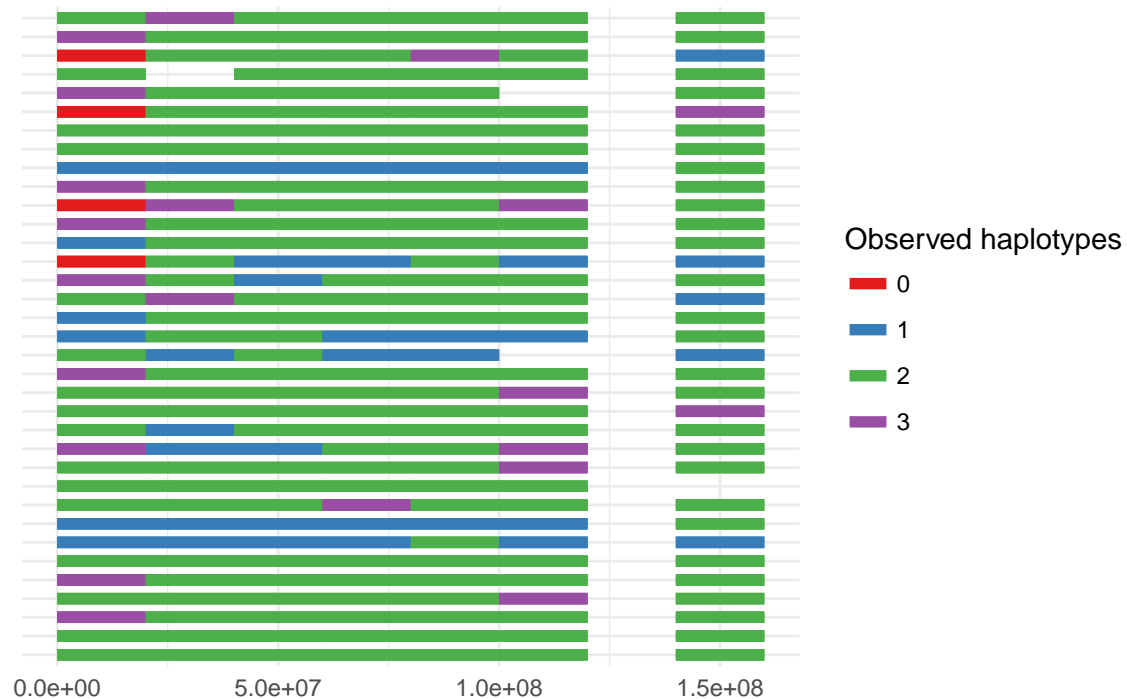
KPC 3 HanXRQChr10 10MB window haplotypecount



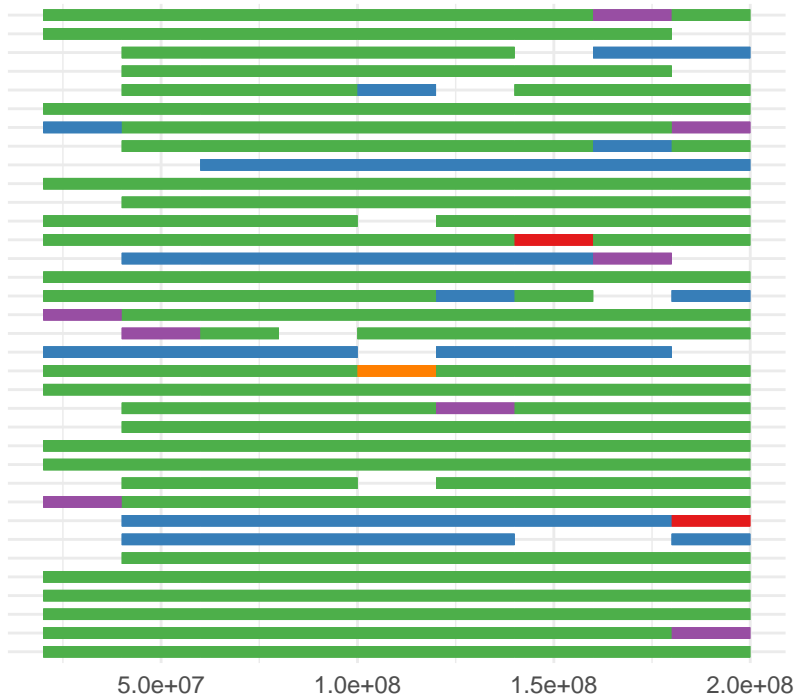
KPC 3 HanXRQChr11 10MB window haplotypescount



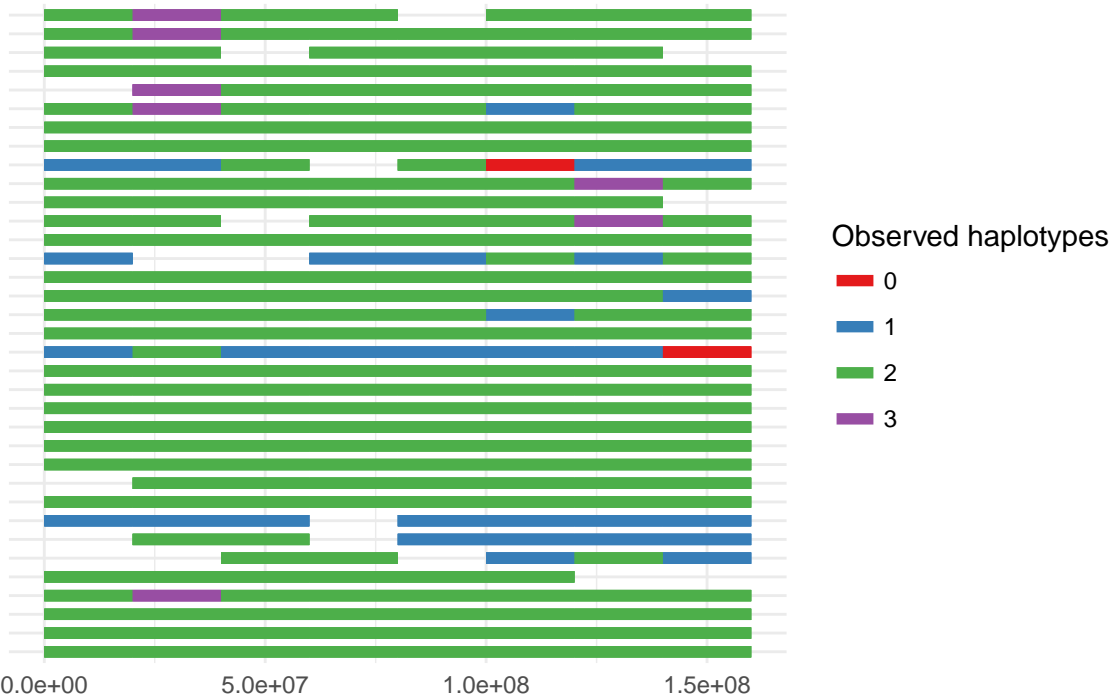
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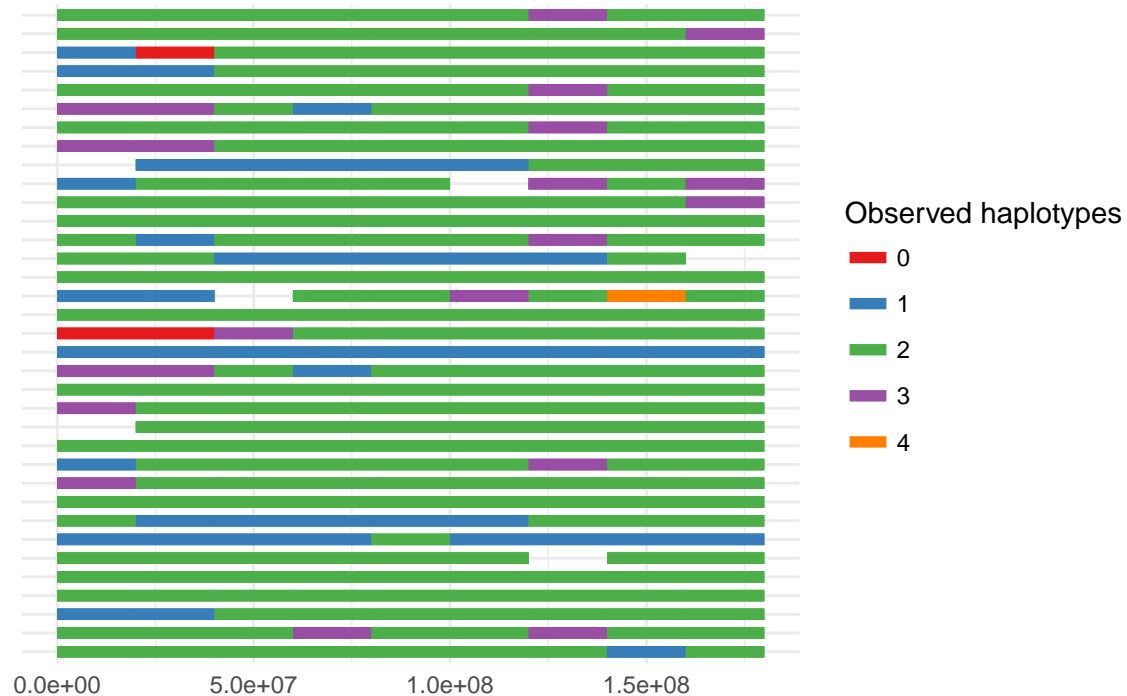
KPC 3 HanXRQChr13 10MB window haplotypescount



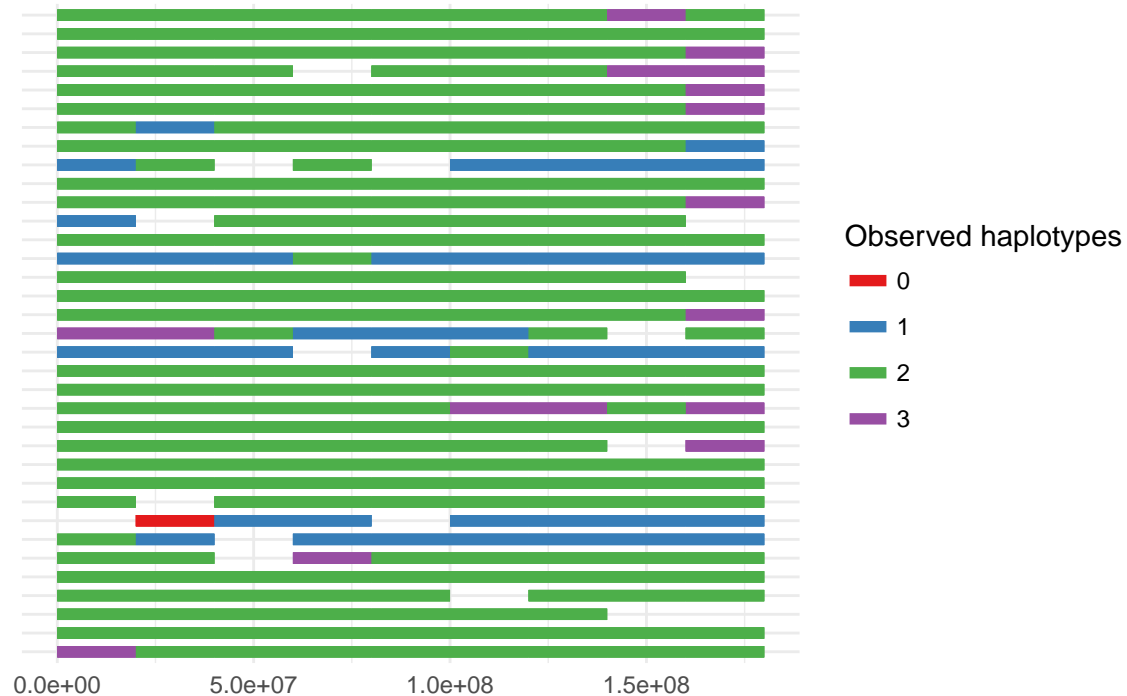
KPC 3 HanXRQChr14 10MB window haplotypes



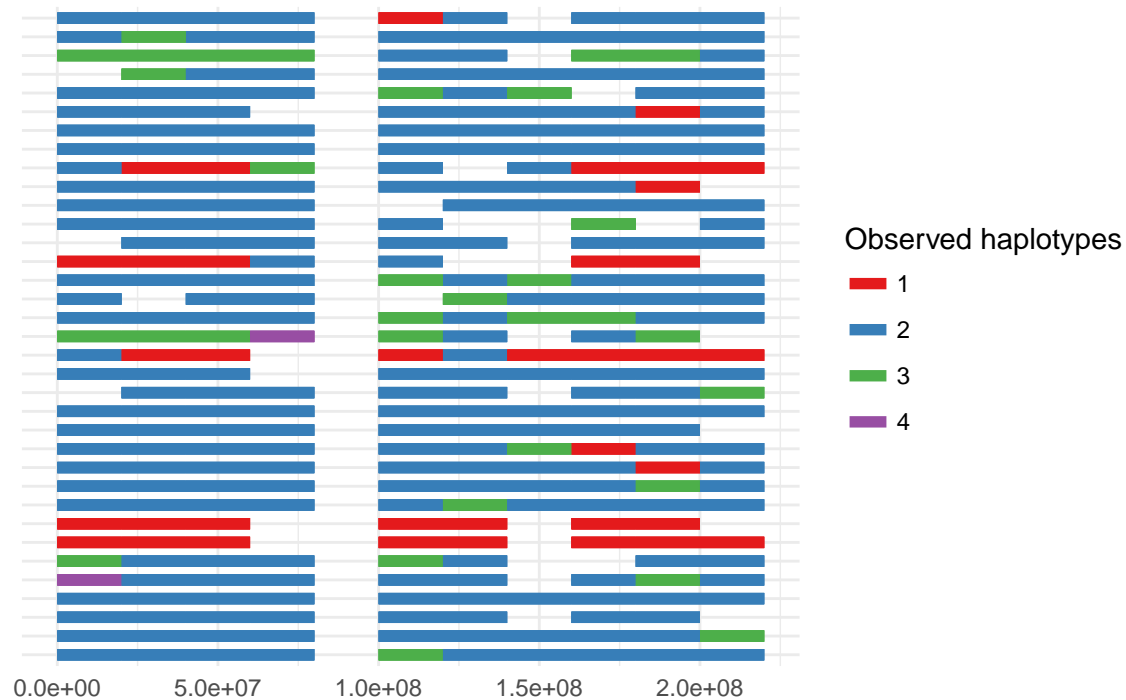
KPC 3 HanXRQChr15 10MB window haplotypecount



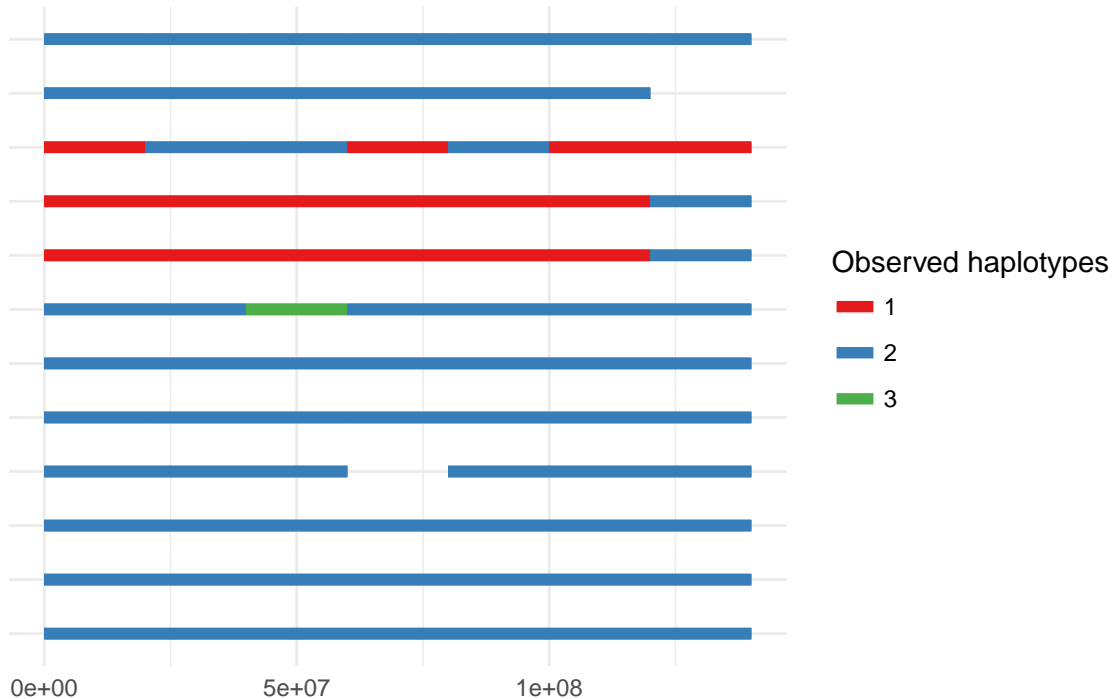
KPC 3 HanXRQChr16 10MB window haplotypecount



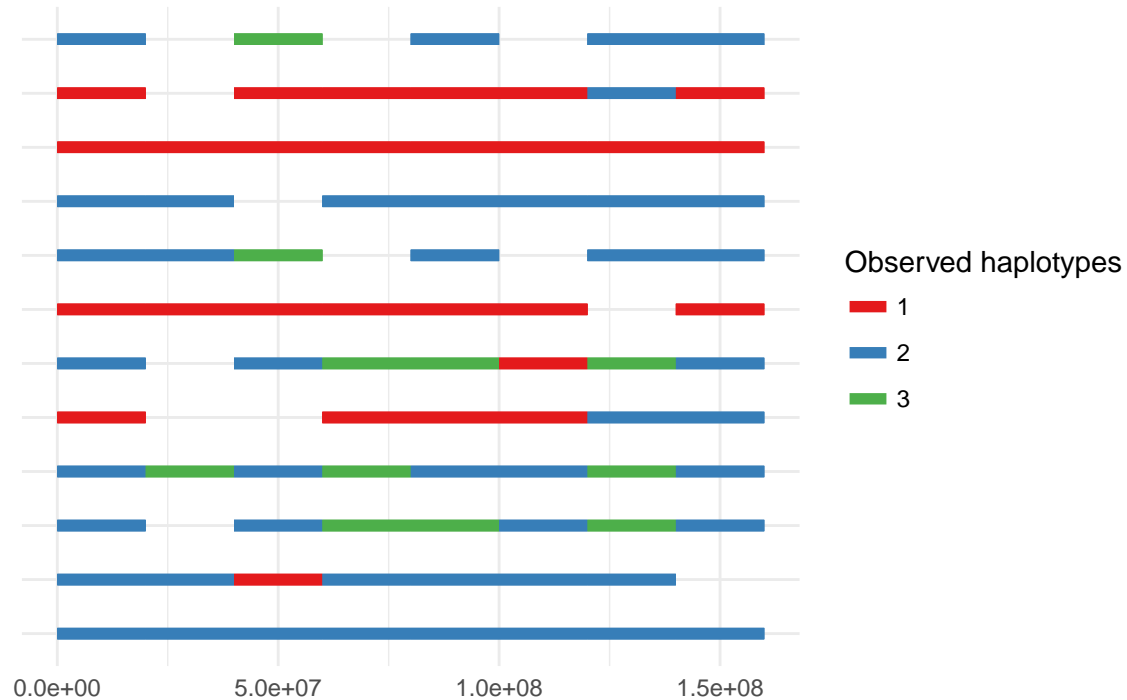
KPC 3 HanXRQChr17 10MB window haplotypescount



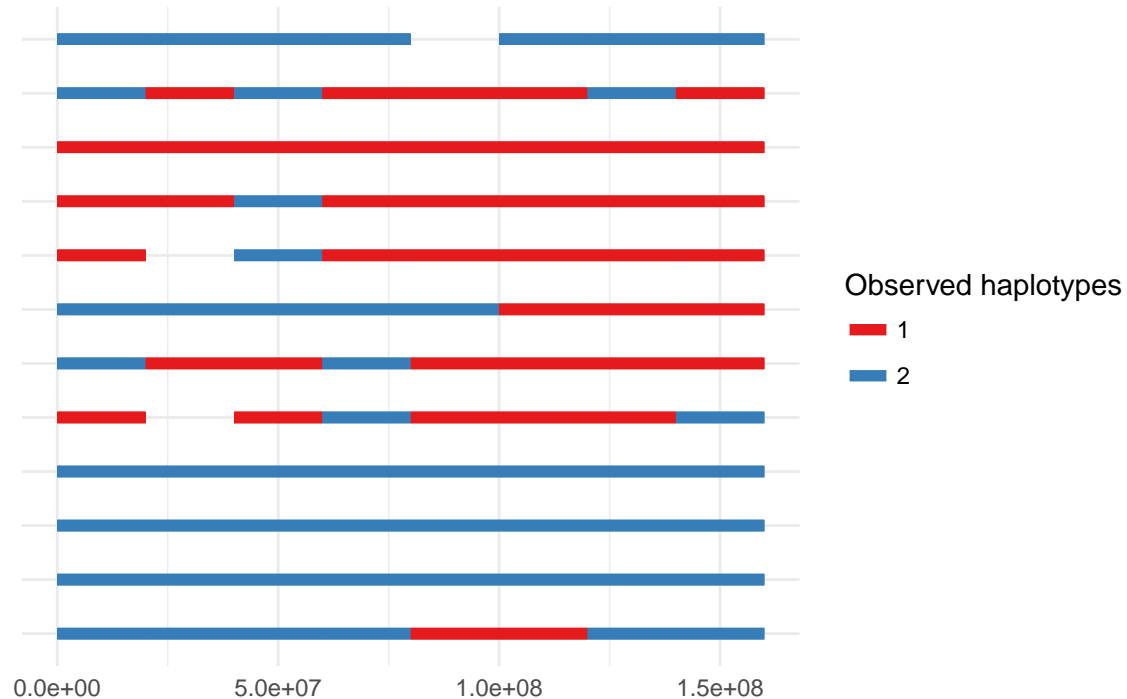
KPC 4 HanXRQChr01 10MB window haplotypecount



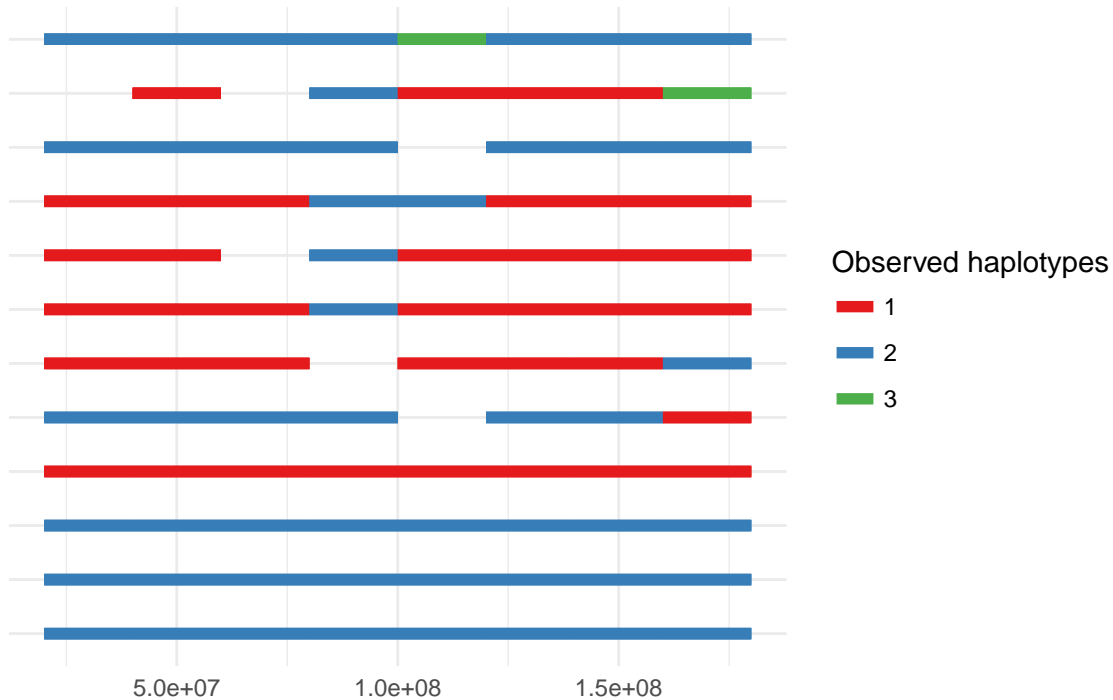
KPC 4 HanXRQChr02 10MB window haplotypecount



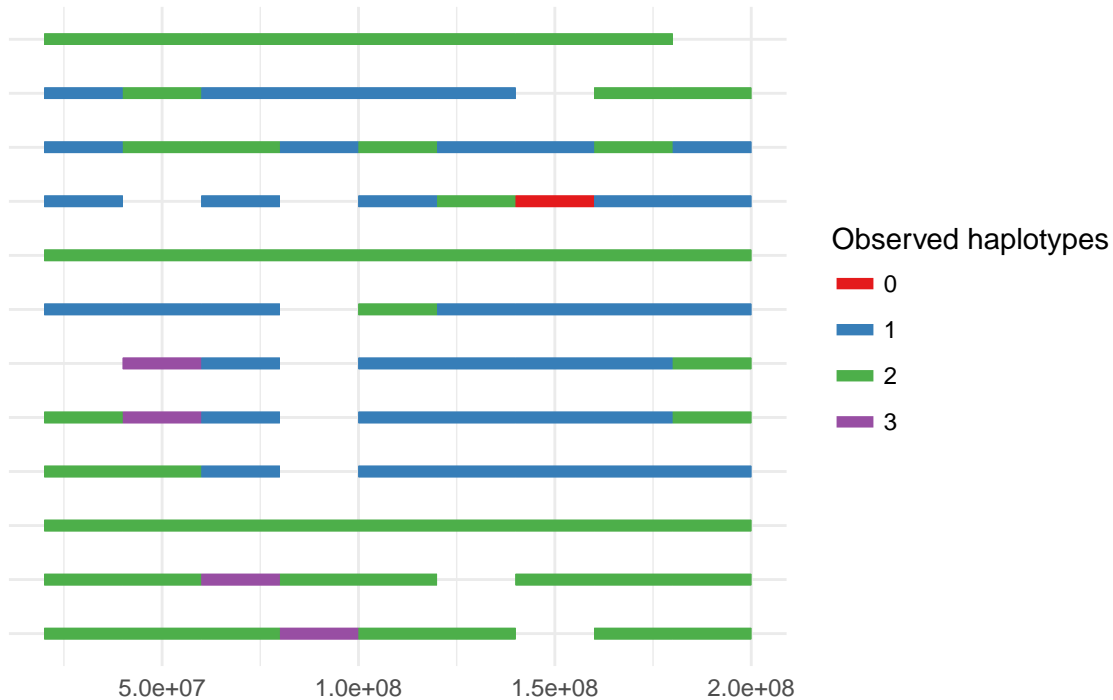
KPC 4 HanXRQChr03 10MB window haplotypecount



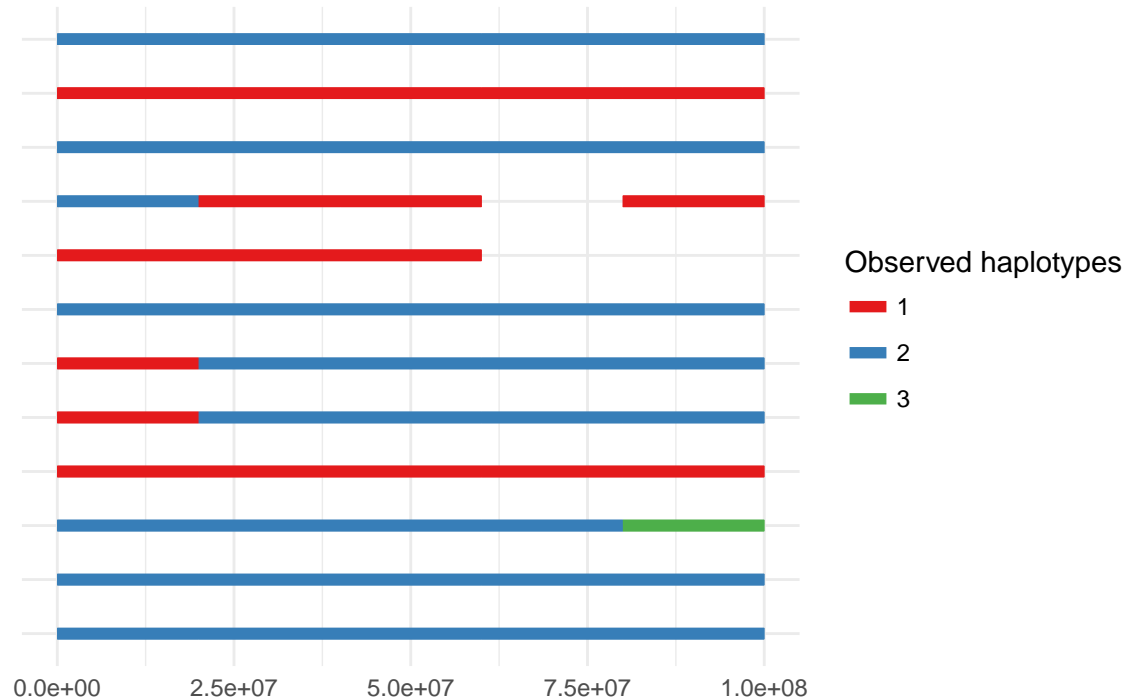
KPC 4 HanXRQChr04 10MB window haplotypecount



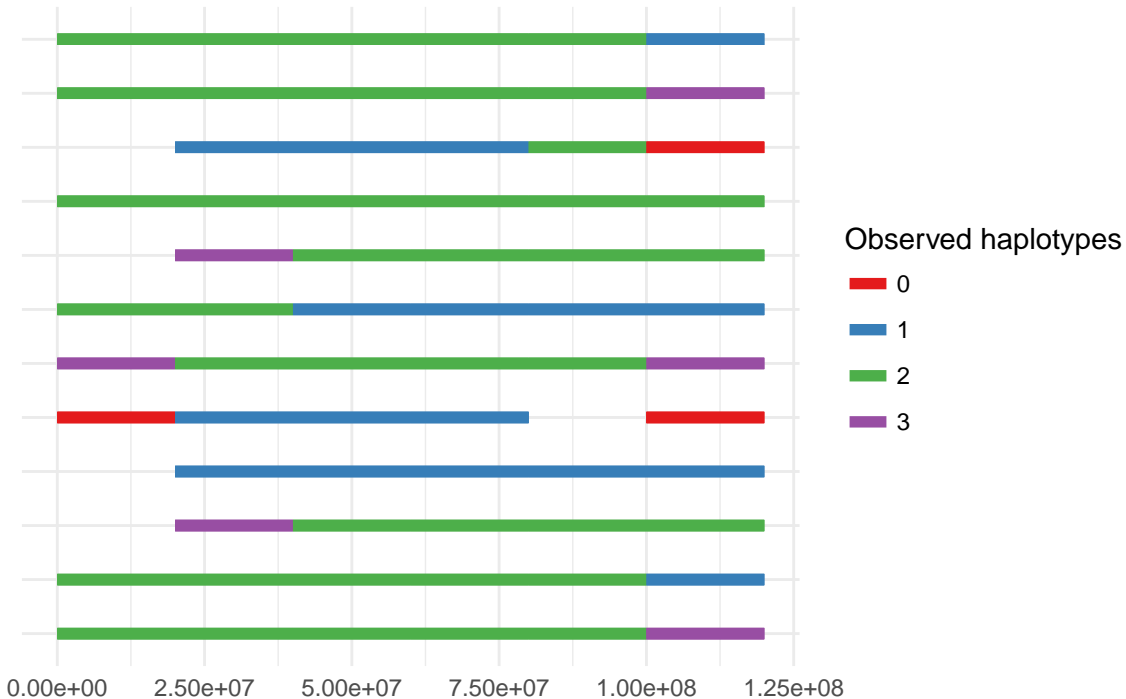
KPC 4 HanXRQChr05 10MB window haplotypecount



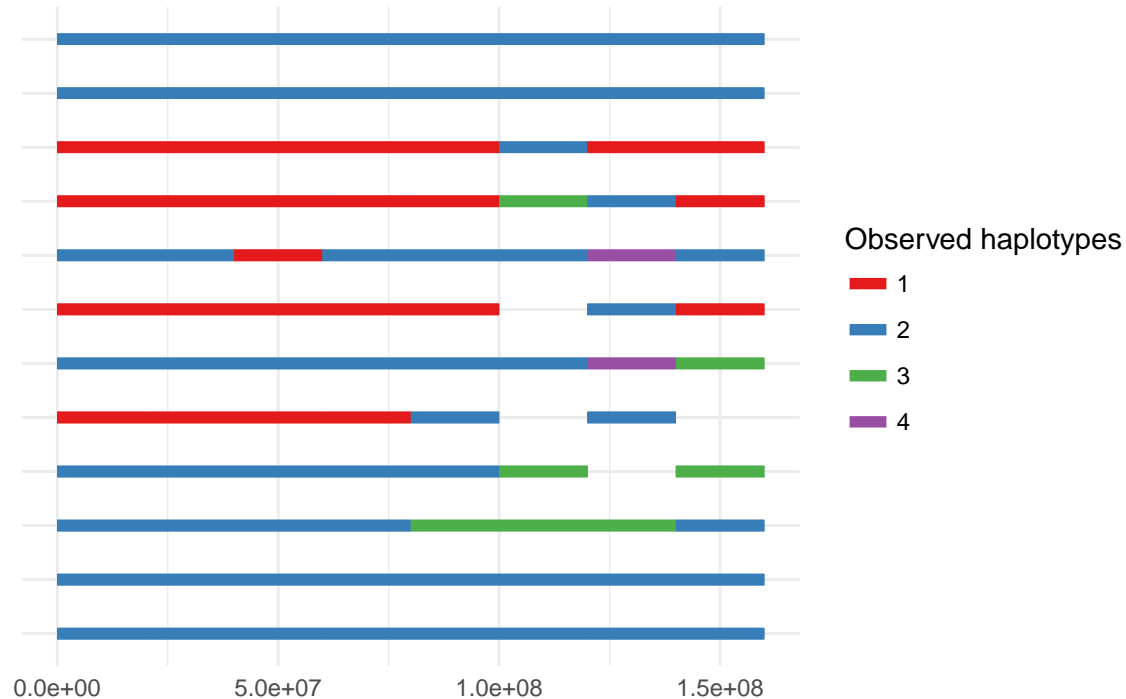
KPC 4 HanXRQChr06 10MB window haplotypescount



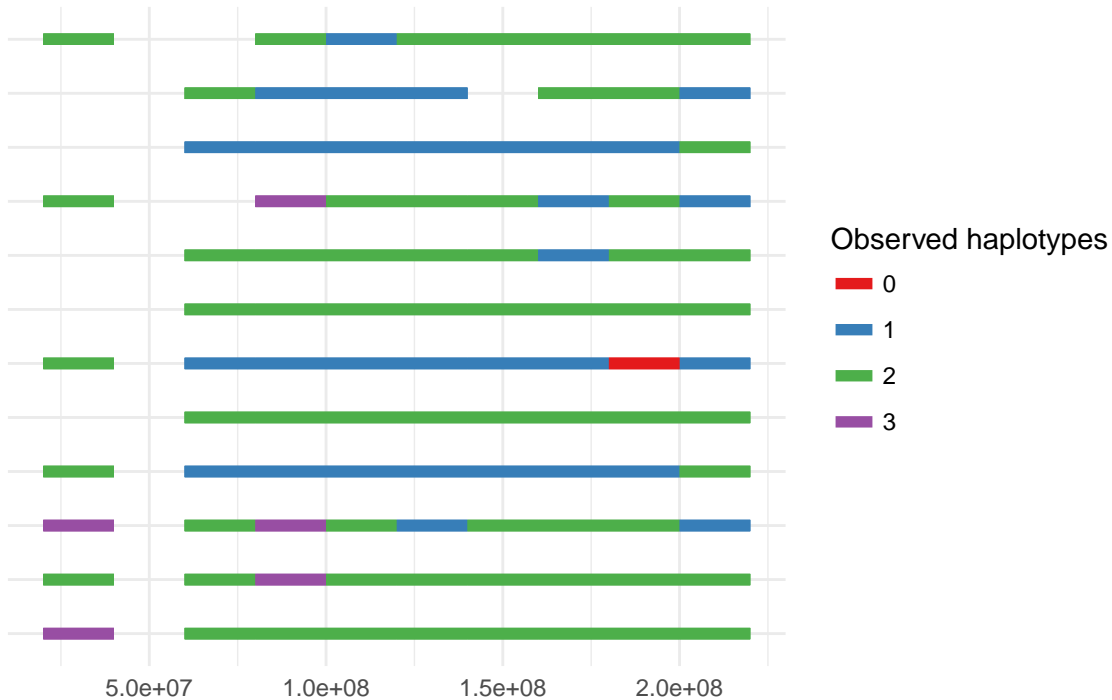
KPC 4 HanXRQChr07 10MB window haplotypecount



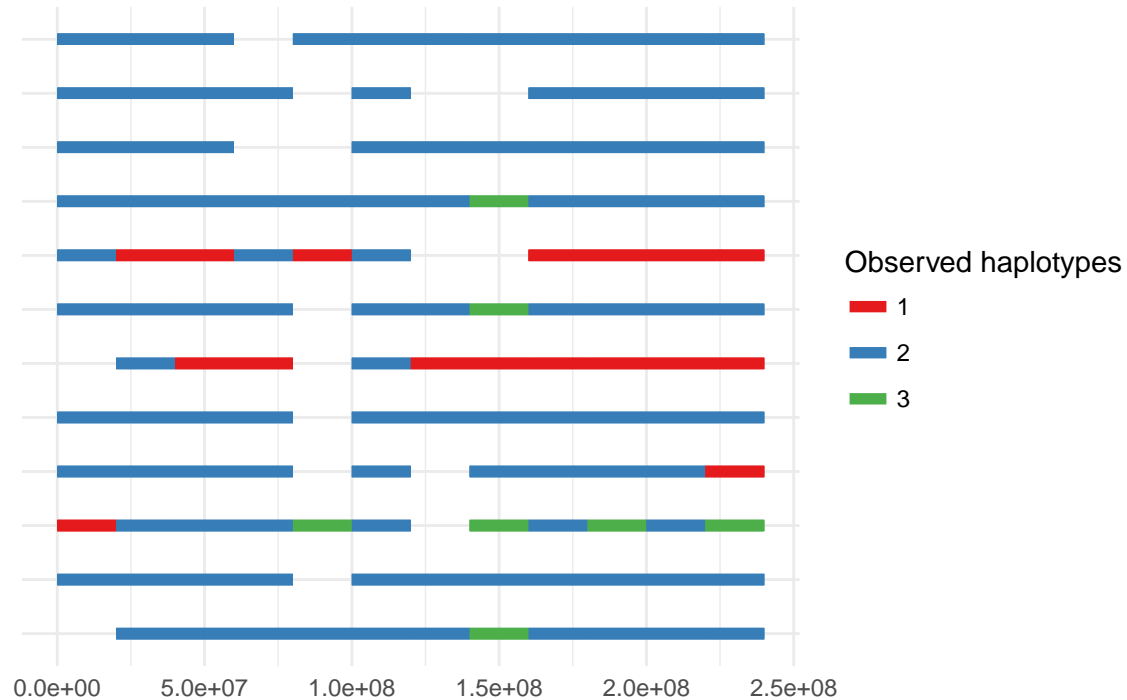
KPC 4 HanXRQChr08 10MB window haplotypecount



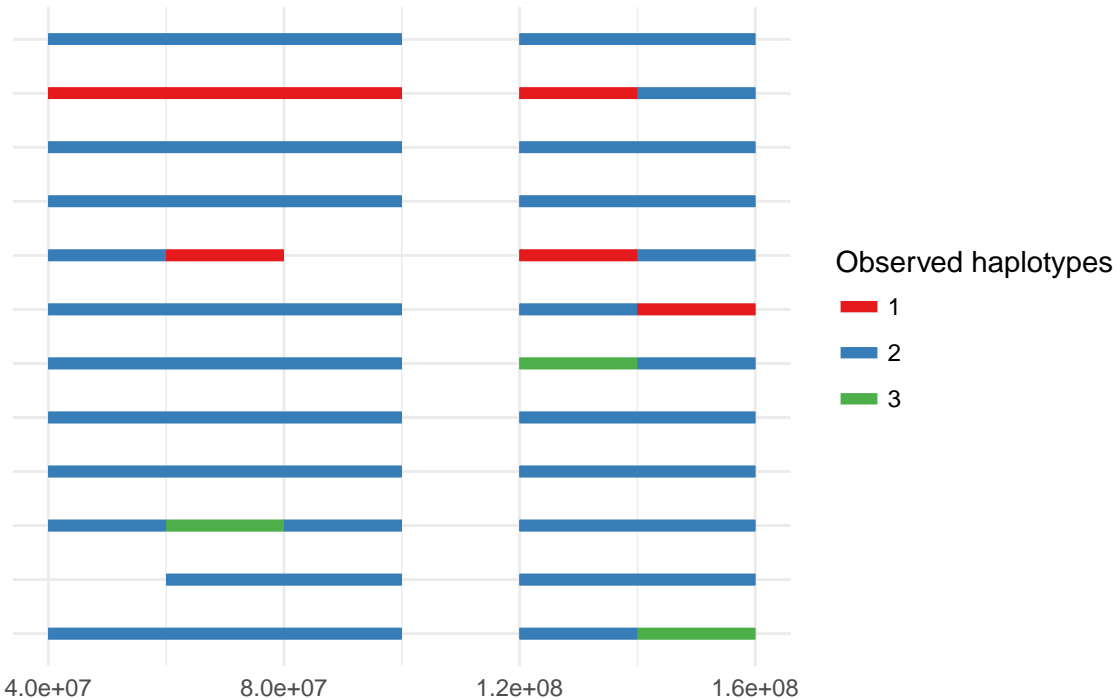
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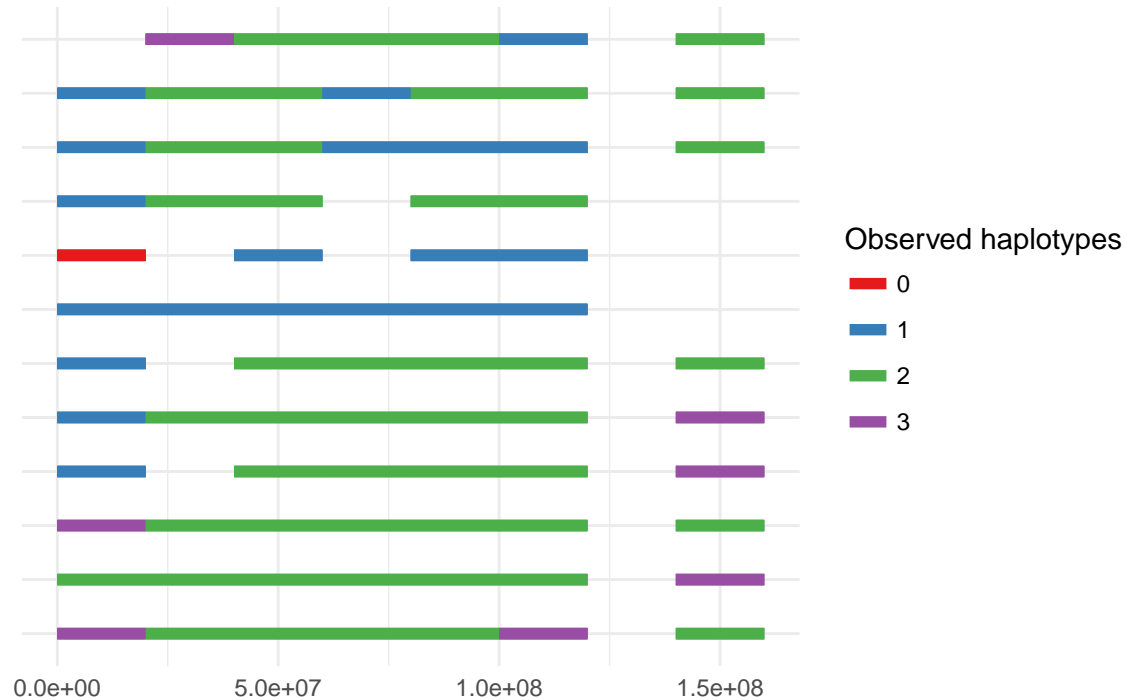
KPC 4 HanXRQChr10 10MB window haplotypescount



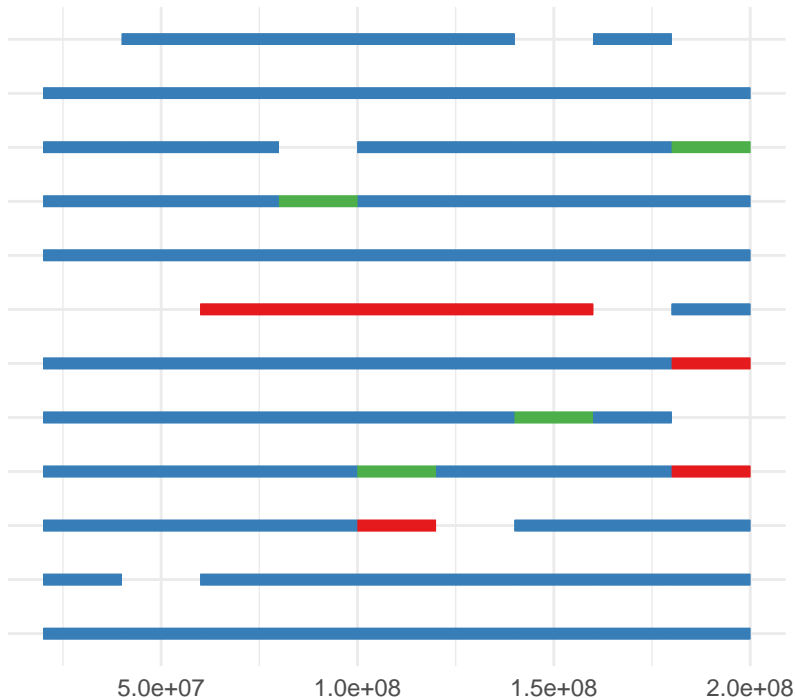
KPC 4 HanXRQChr11 10MB window haplotypecount



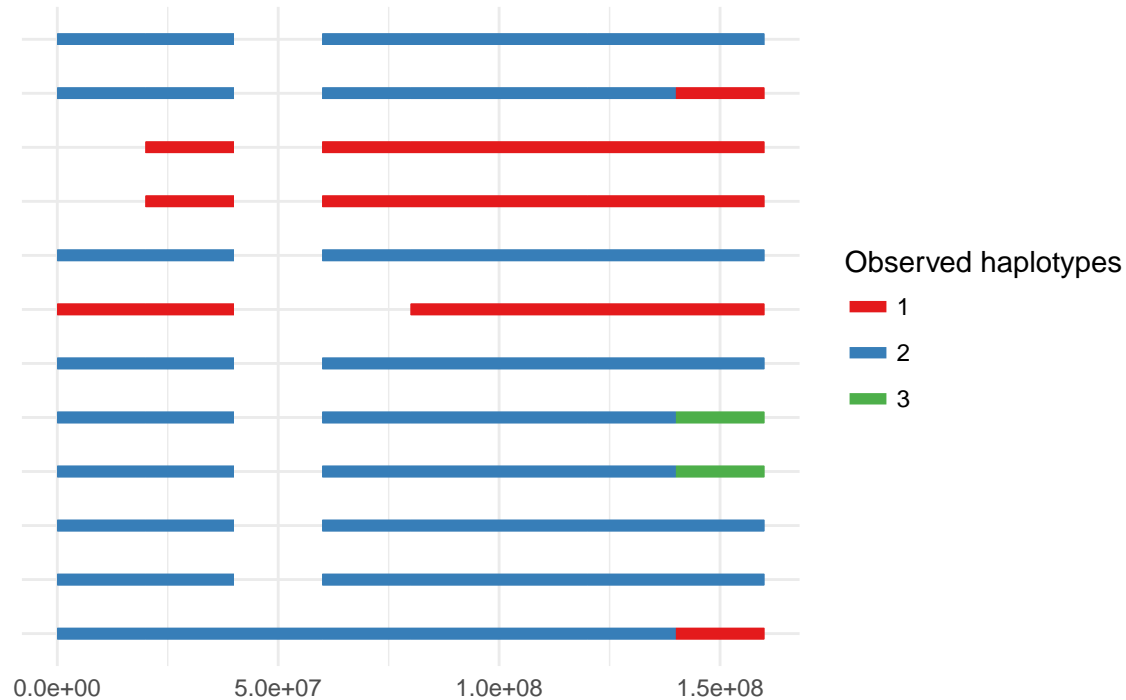
KPC 4 HanXRQChr12 10MB window haplotypecount



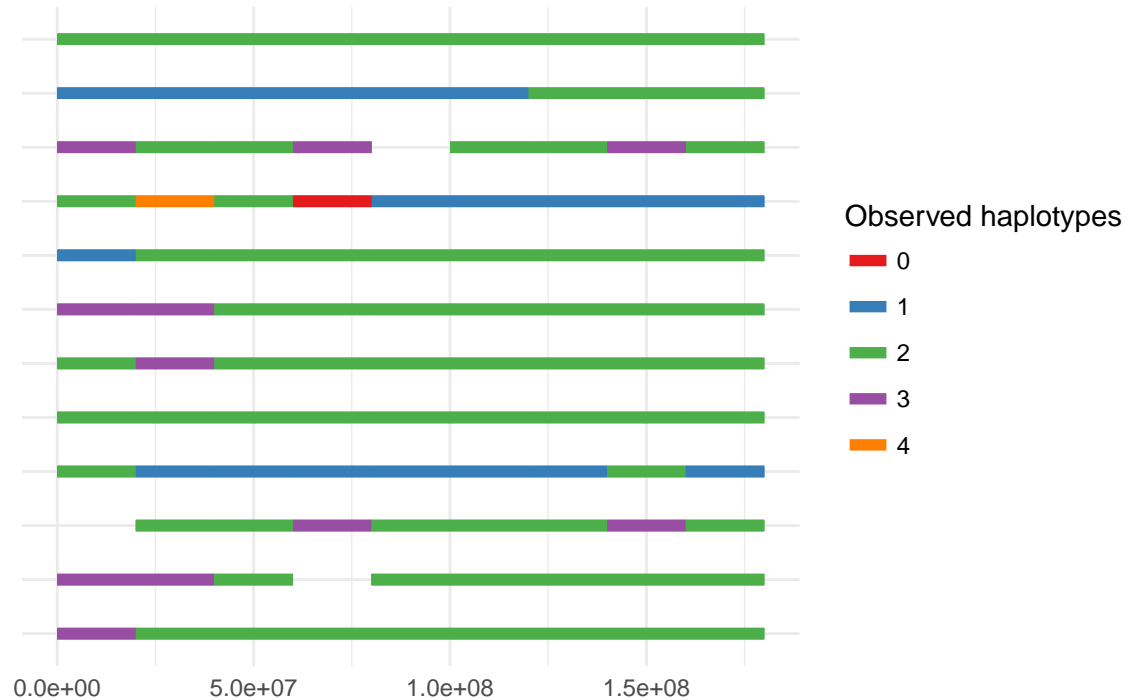
KPC 4 HanXRQChr13 10MB window haplotypecount



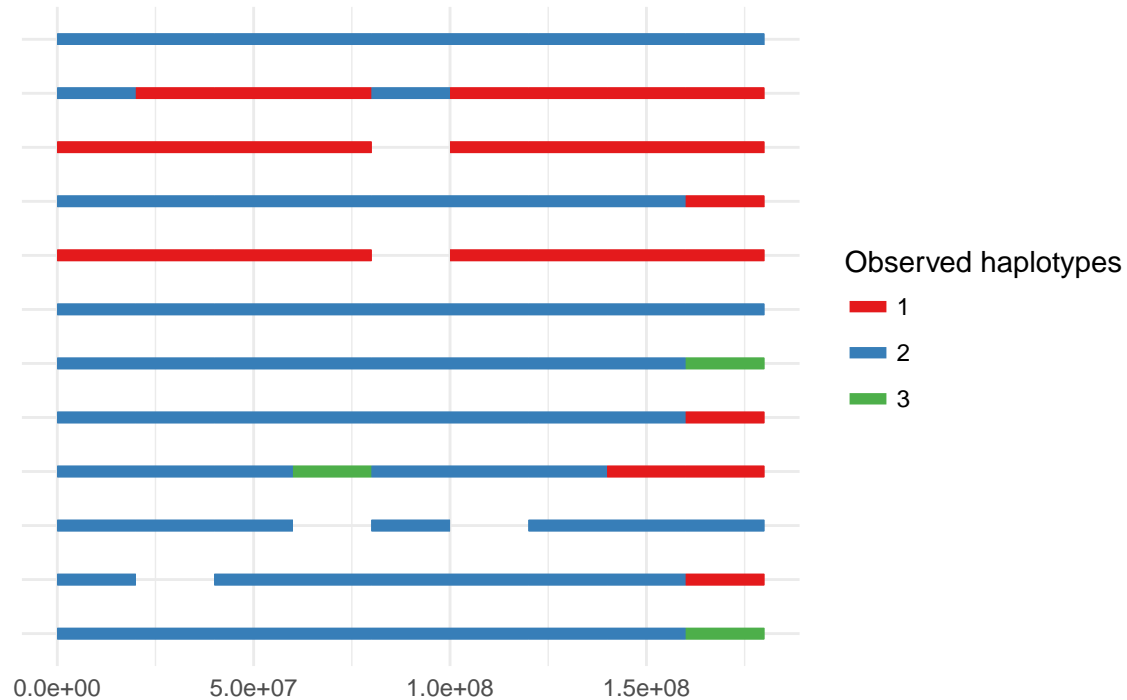
KPC 4 HanXRQChr14 10MB window haplotypecount



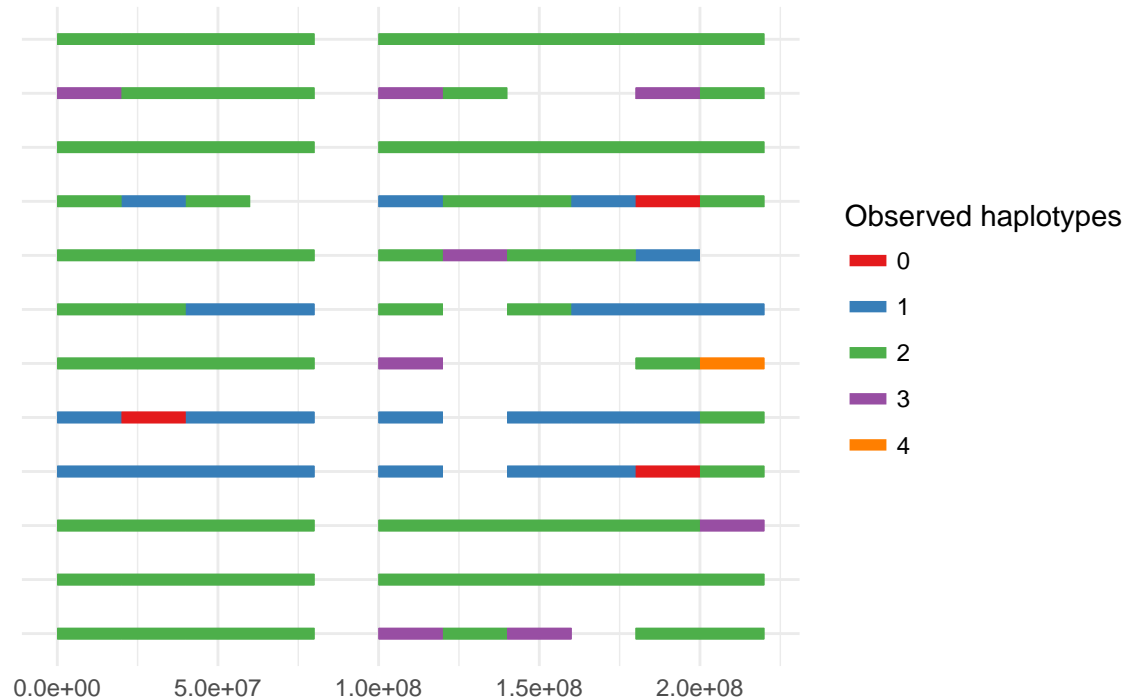
KPC 4 HanXRQChr15 10MB window haplotypecount



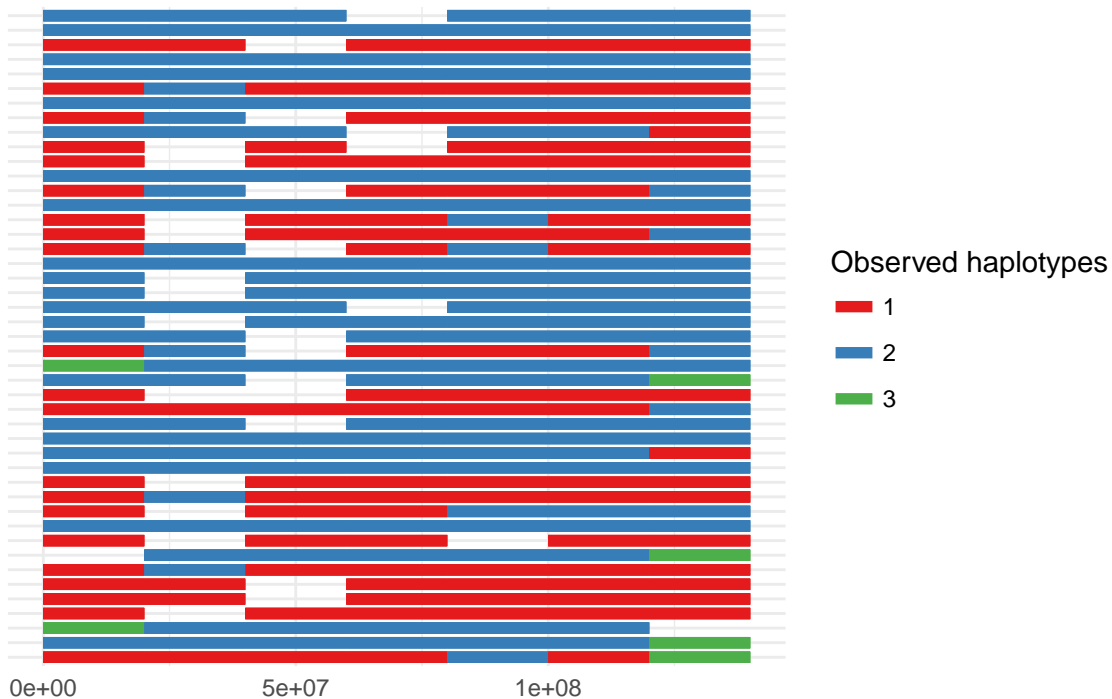
KPC 4 HanXRQChr16 10MB window haplotypecount



KPC 4 HanXRQChr17 10MB window haplotypecount



KPC 5 HanXRQChr01 10MB window haplotypescount



KPC 5 HanXRQChr02 10MB window haplotypecount

Observed haplotypes

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1

2

3

0

1

2

3

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1

2

3

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3

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2

3

0

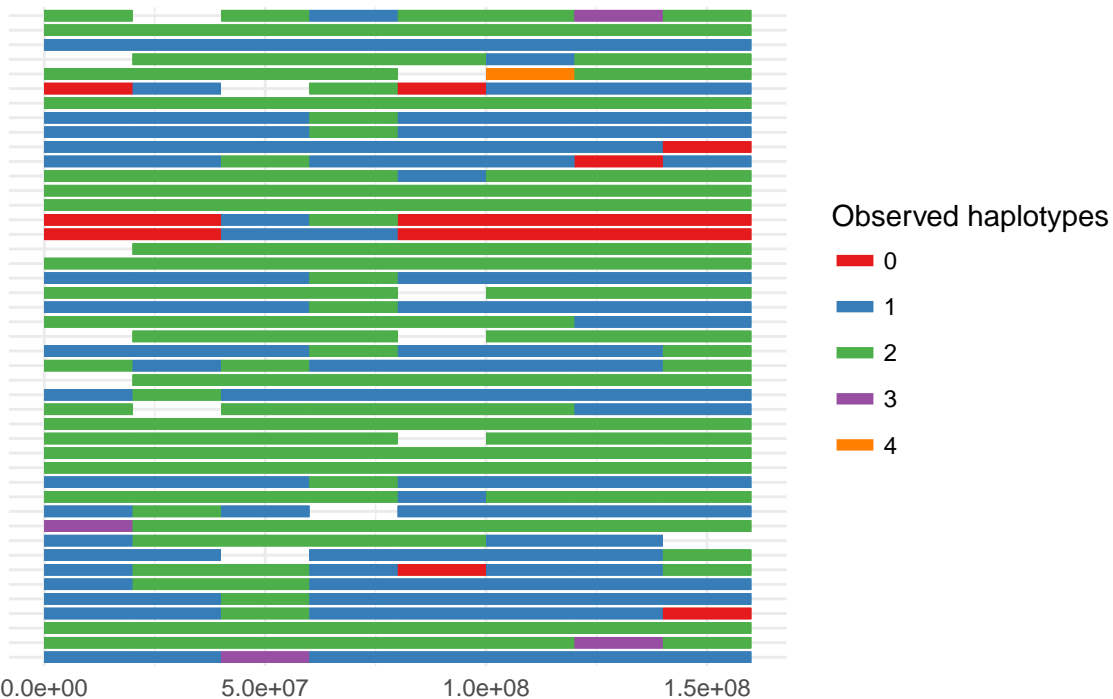
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2

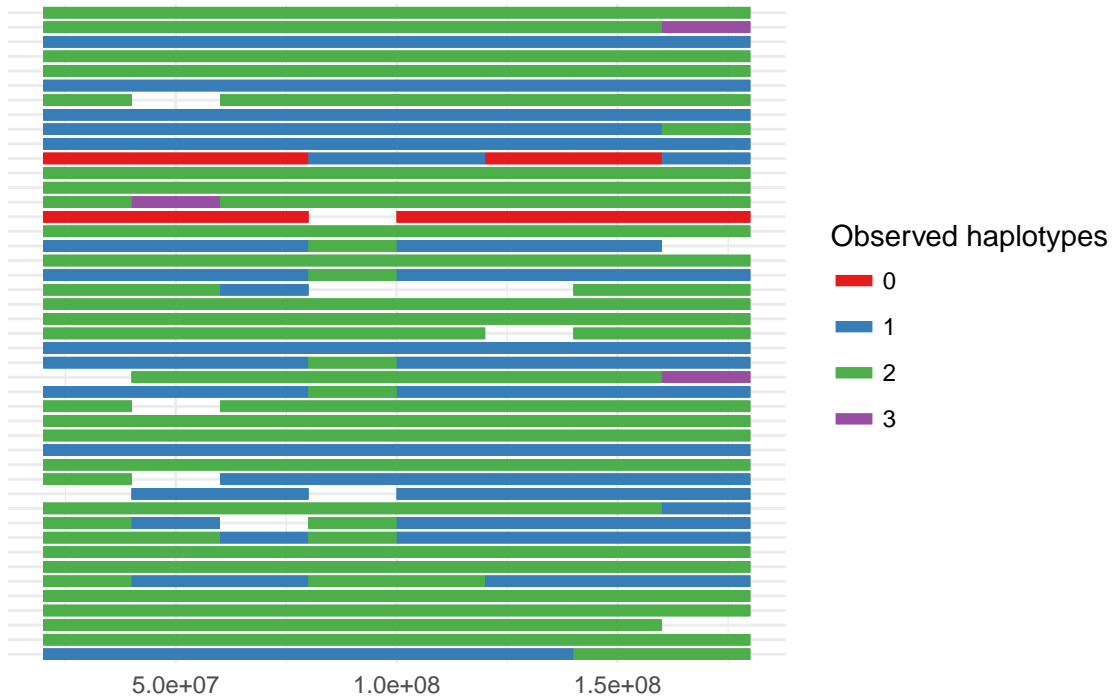
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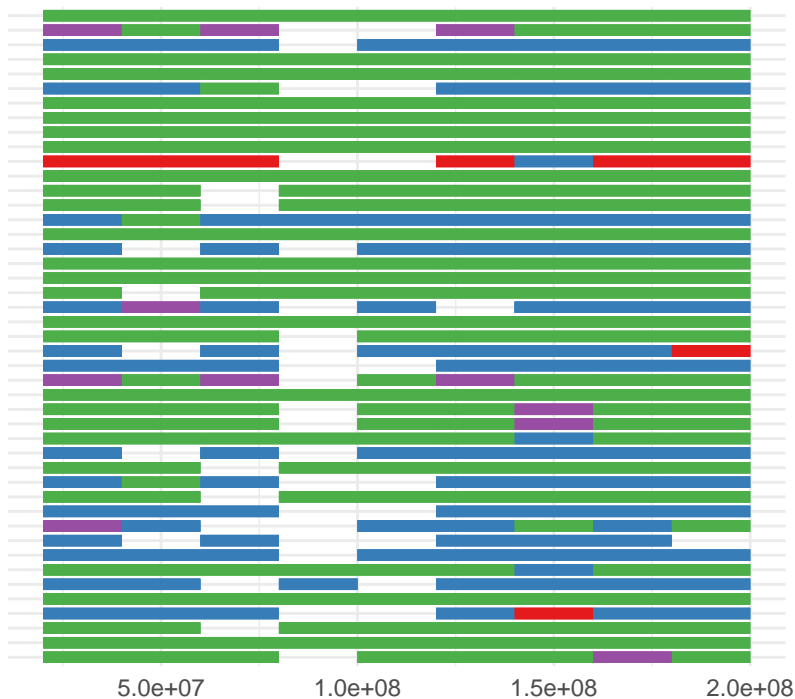
KPC 5 HanXRQChr03 10MB window haplotypecount



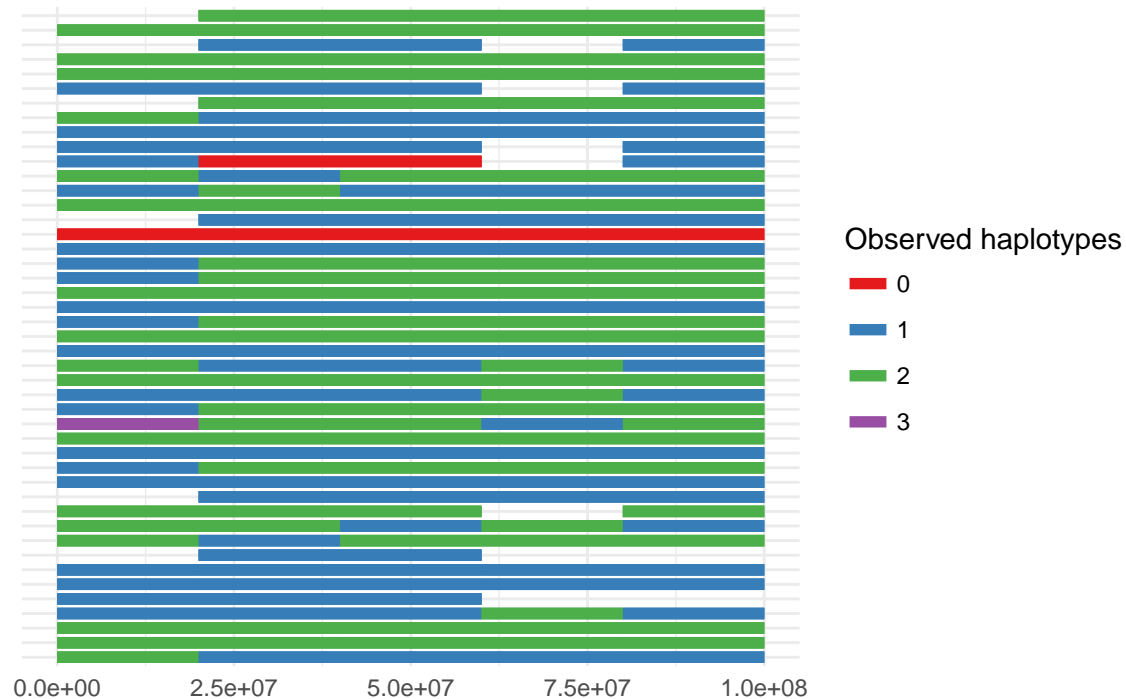
KPC 5 HanXRQChr04 10MB window haplotypecount



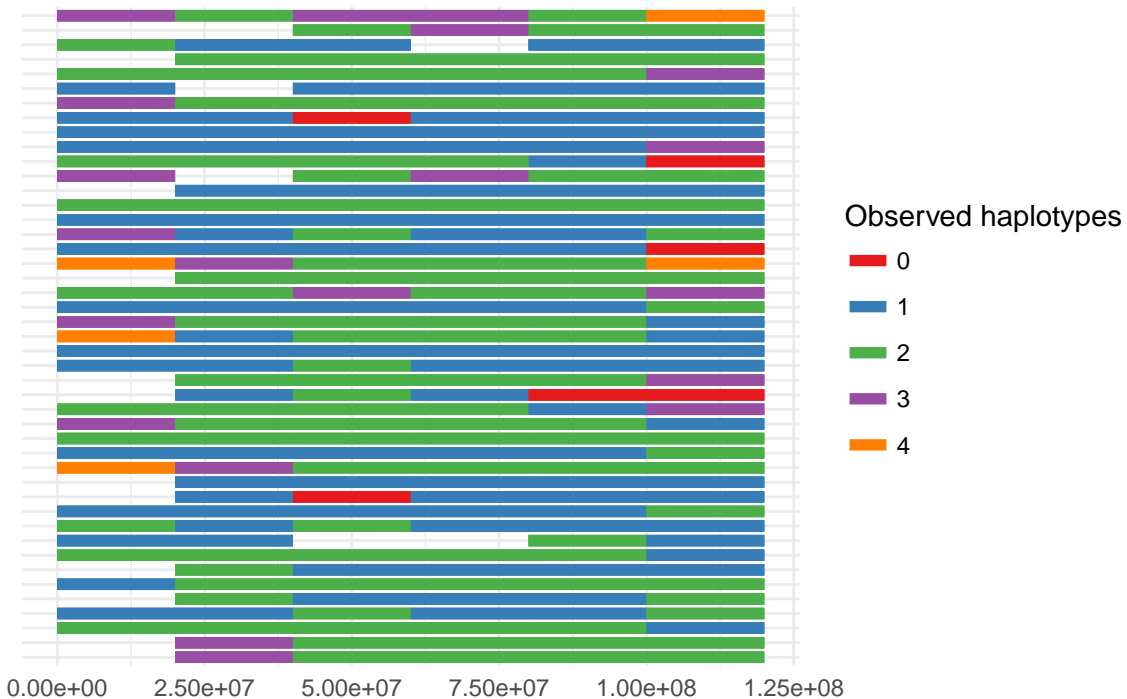
KPC 5 HanXRQChr05 10MB window haplotypecount



KPC 5 HanXRQChr06 10MB window haplotypecount



KPC 5 HanXRQChr07 10MB window haplotypecount



KPC 5 HanXRQChr08 10MB window haplotypescount

Observed haplotypes

0

1

2

3

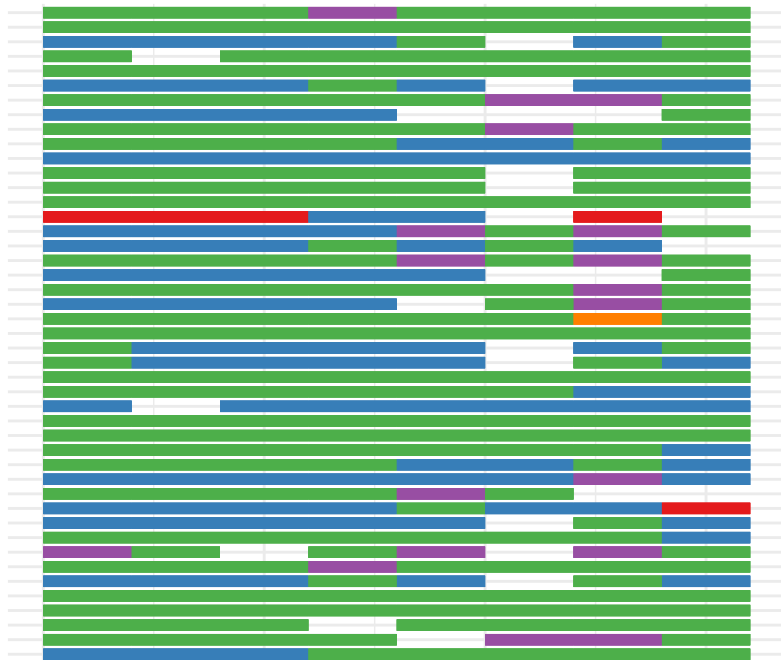
4

0.0e+00

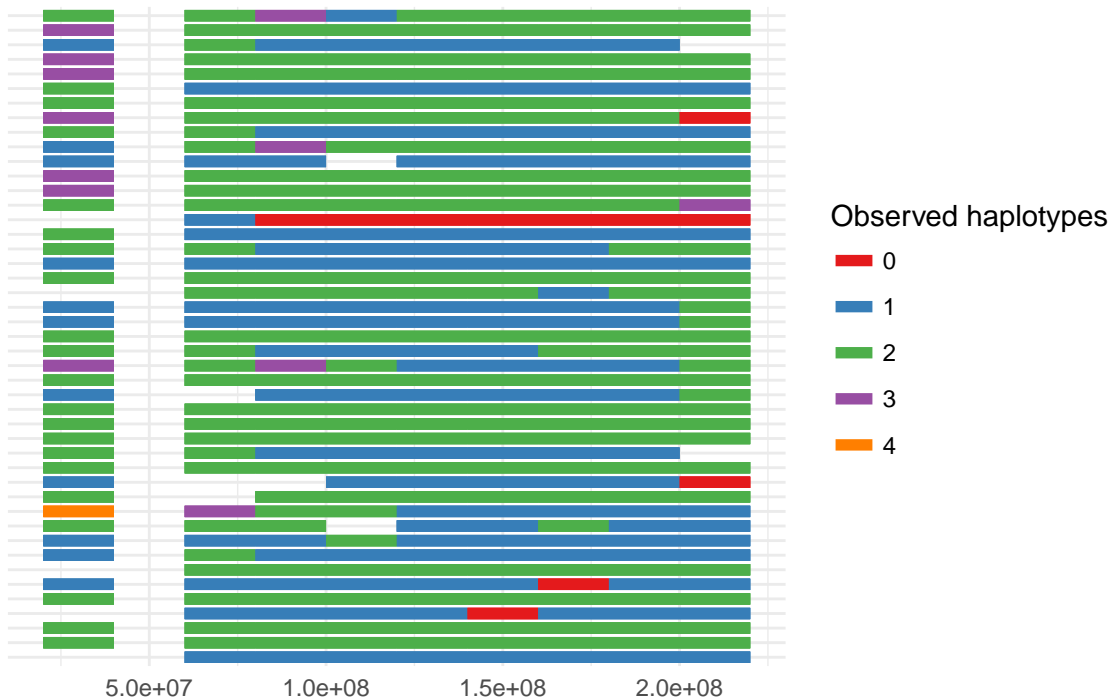
5.0e+07

1.0e+08

1.5e+08



KPC 5 HanXRQChr09 10MB window haplotypecount



KPC 5 HanXRQChr10 10MB window haplotypecount

Observed haplotypes

0

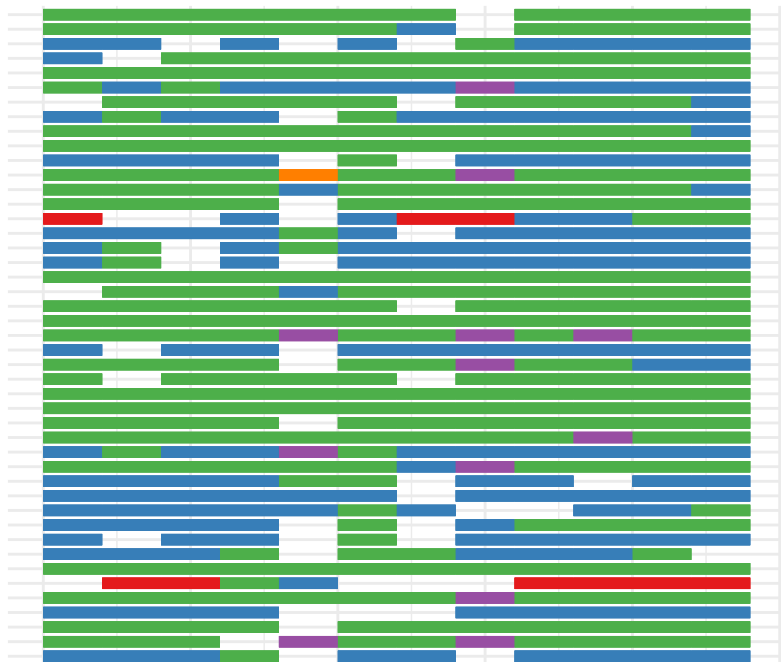
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2

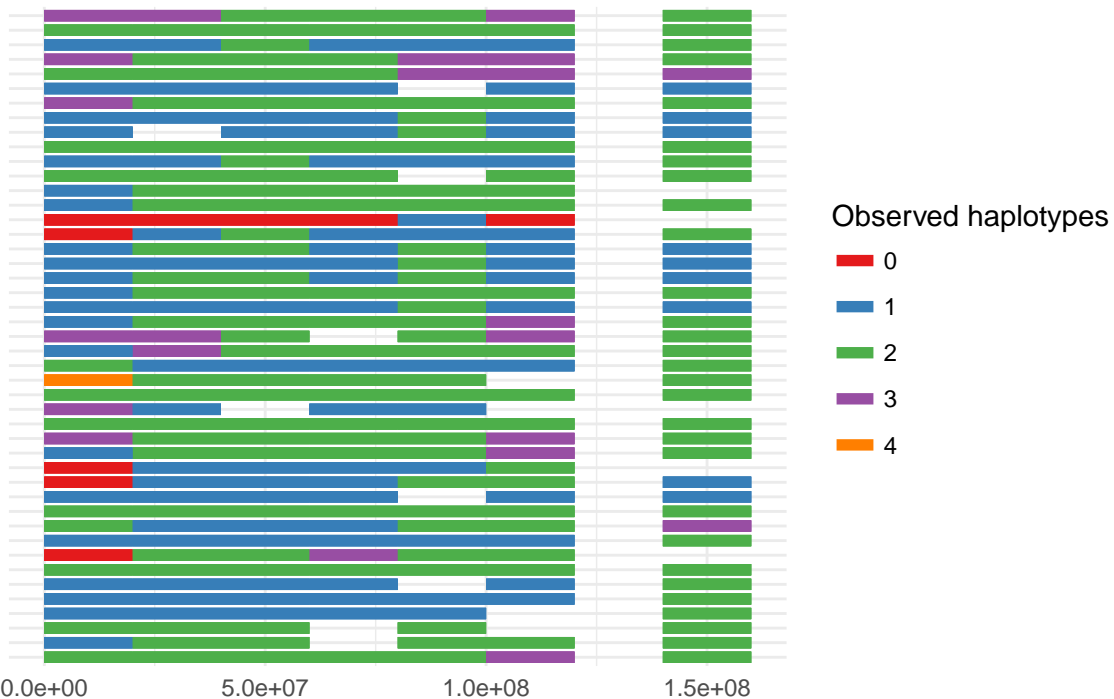
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4

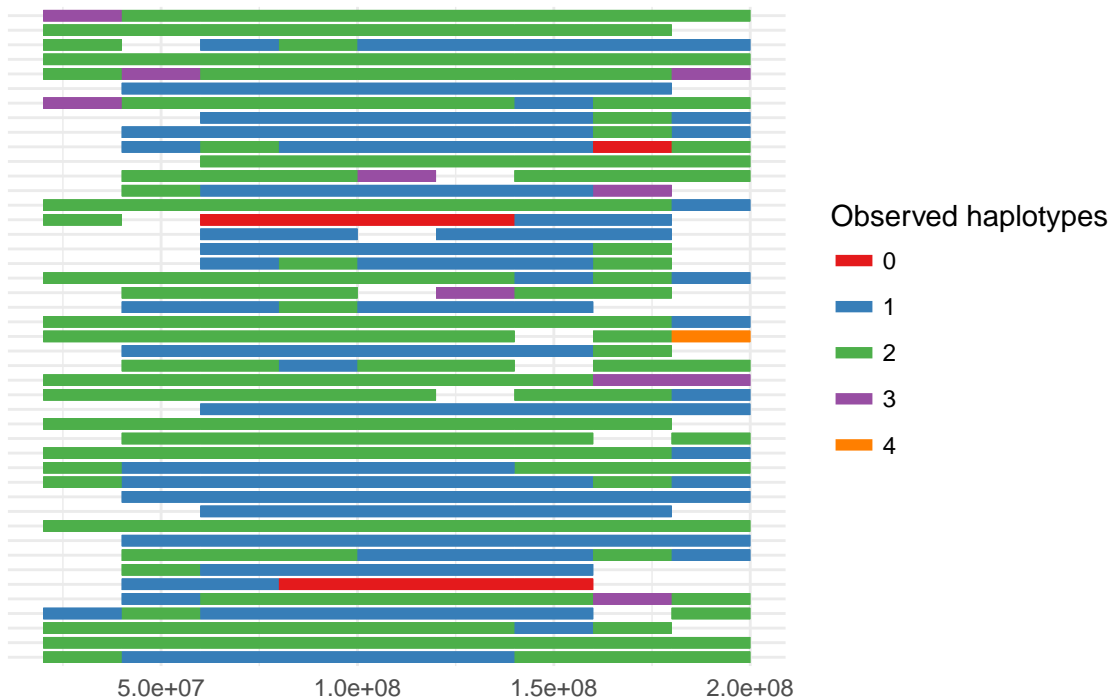
0.0e+00 5.0e+07 1.0e+08 1.5e+08 2.0e+08 2.5e+08



KPC 5 HanXRQChr12 10MB window haplotypecount



KPC 5 HanXRQChr13 10MB window haplotypecount



KPC 5 HanXRQChr14 10MB window haplotypescount

Observed haplotypes

0

1

2

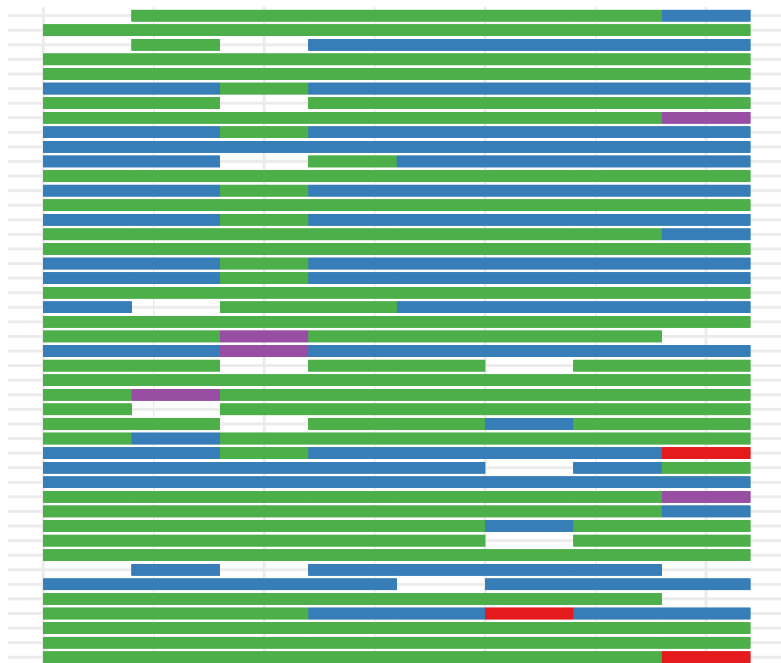
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0.0e+00

5.0e+07

1.0e+08

1.5e+08



KPC 5 HanXRQChr15 10MB window haplotypecount

Observed haplotypes

0

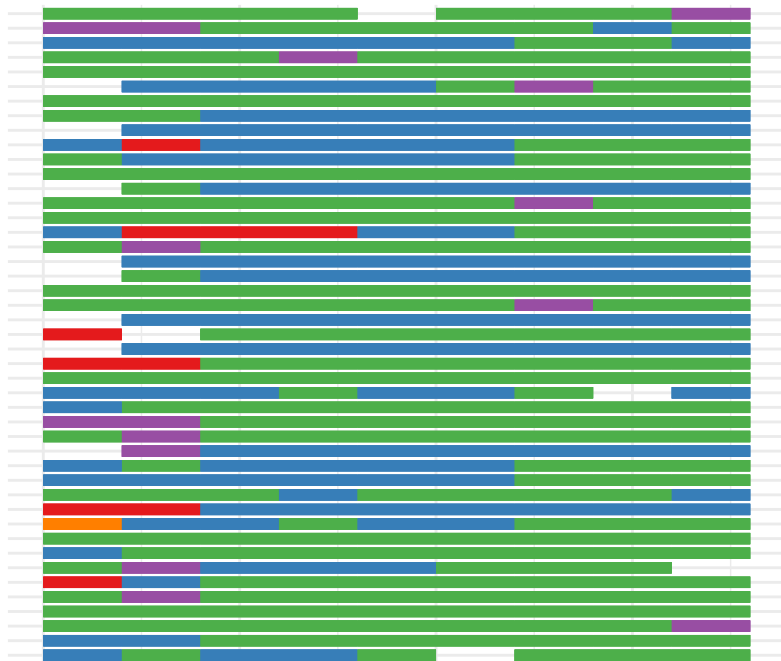
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2

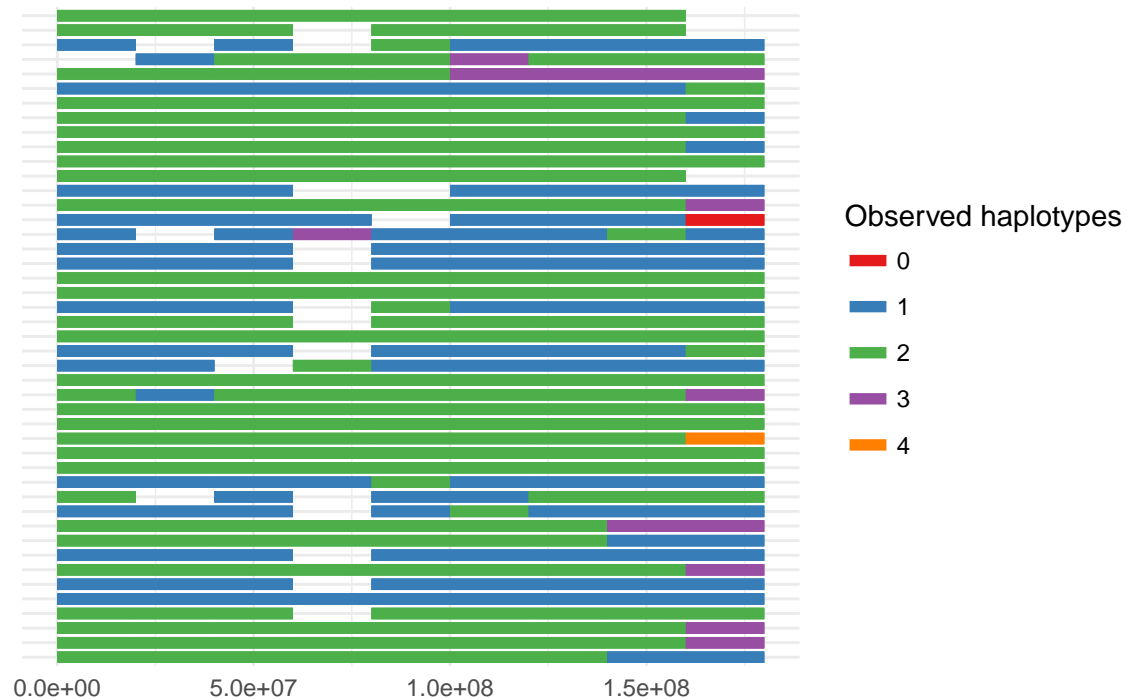
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4

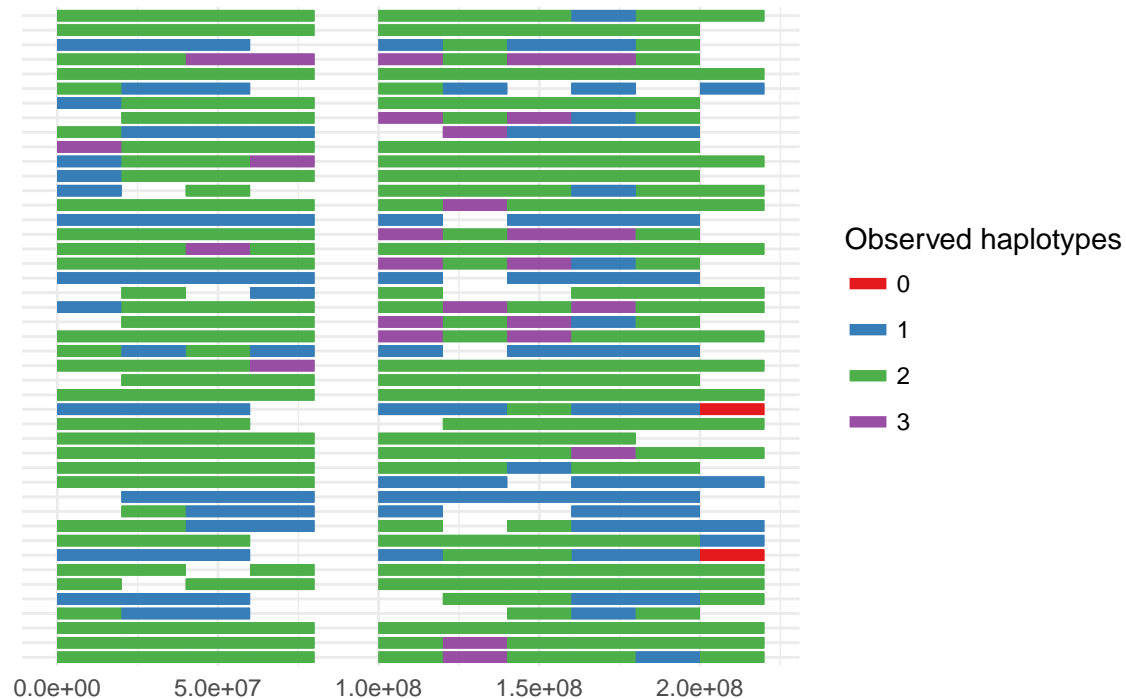
0.0e+00 5.0e+07 1.0e+08 1.5e+08



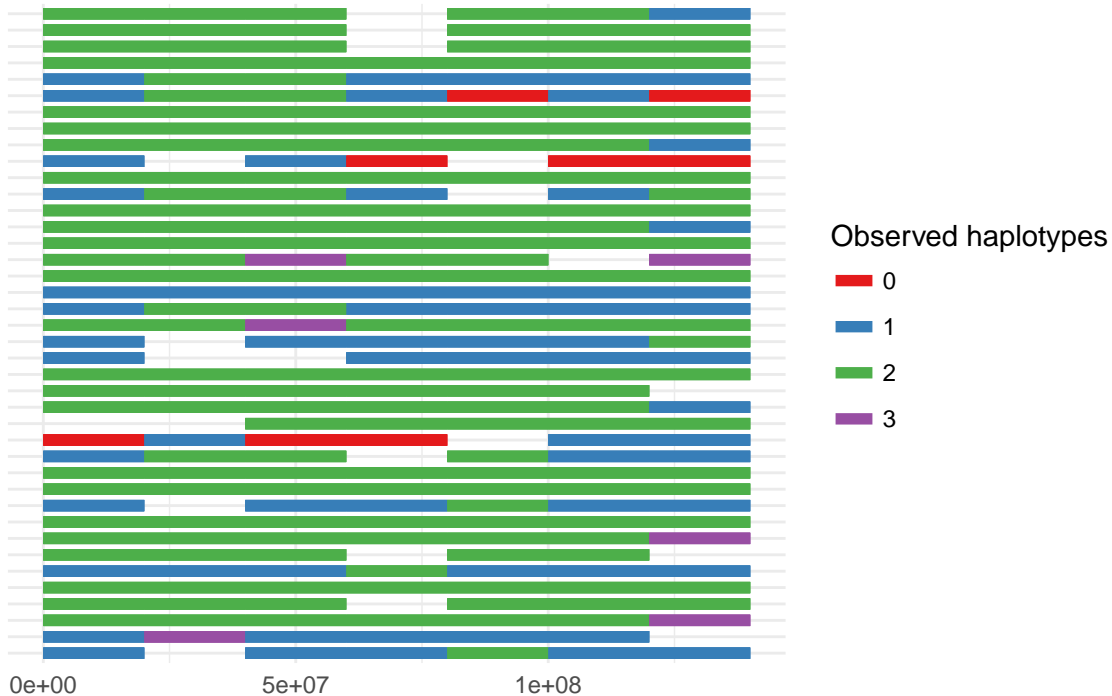
KPC 5 HanXRQChr16 10MB window haplotypecount



KPC 5 HanXRQChr17 10MB window haplotypecount



KPC 6 HanXRQChr01 10MB window haplotypecount



KPC 6 HanXRQChr02 10MB window haplotypescount

Observed haplotypes

0

1

2

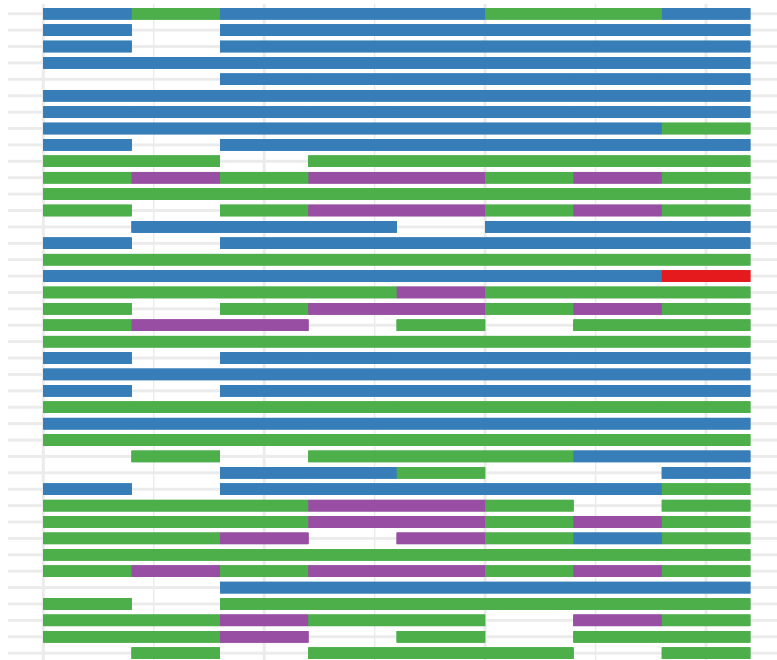
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0.0e+00

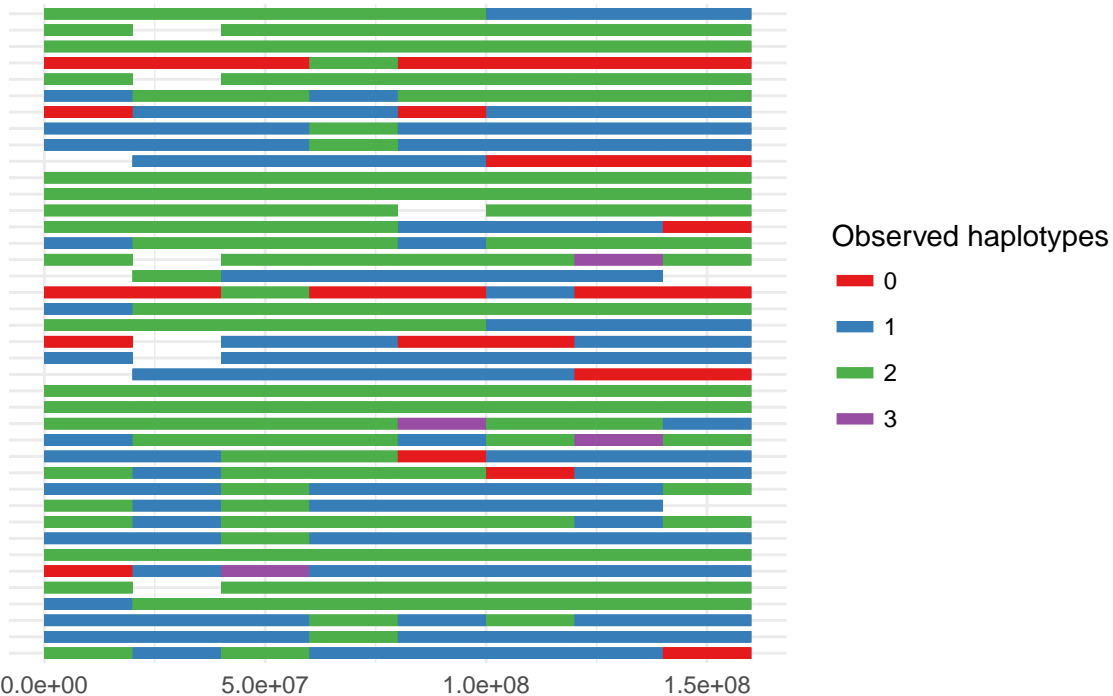
5.0e+07

1.0e+08

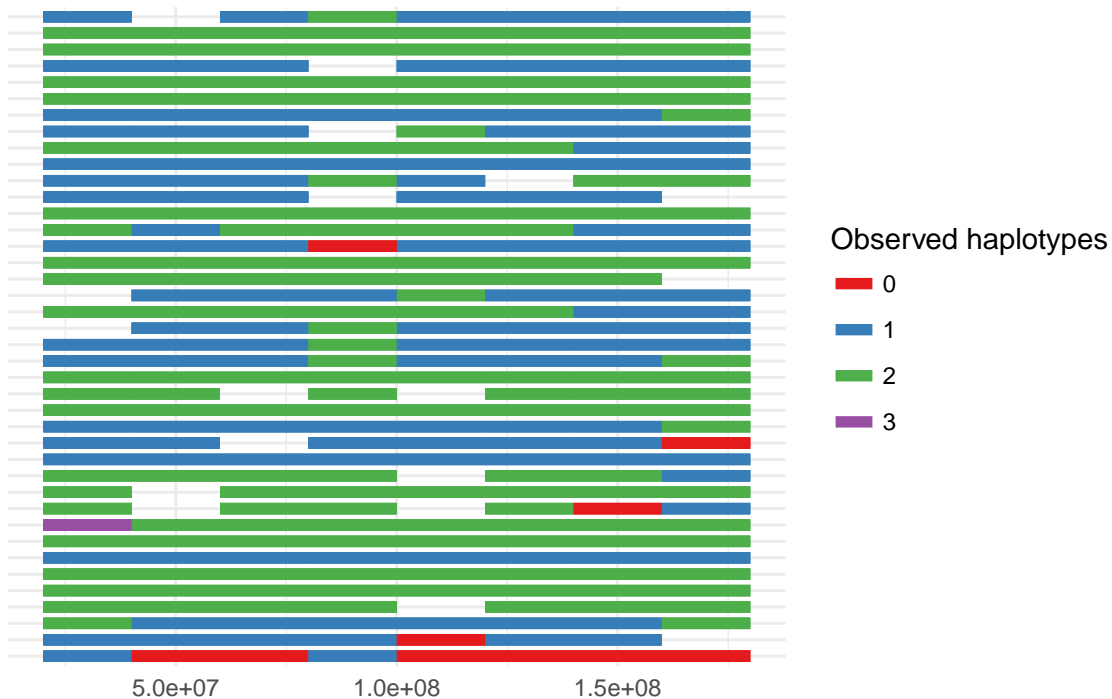
1.5e+08



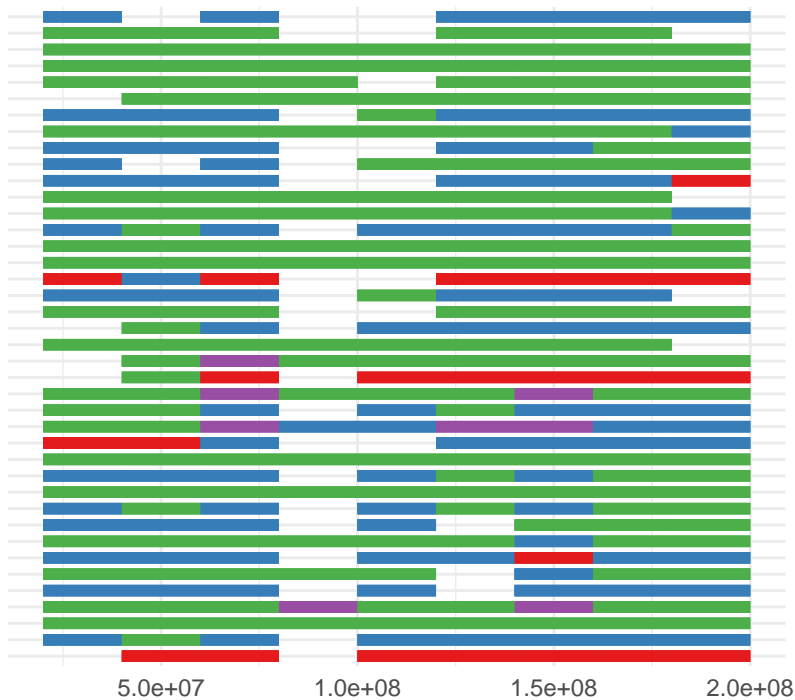
KPC 6 HanXRQChr03 10MB window haplotypecount



KPC 6 HanXRQChr04 10MB window haplotypecount



KPC 6 HanXRQChr05 10MB window haplotypecount



Observed haplotypes

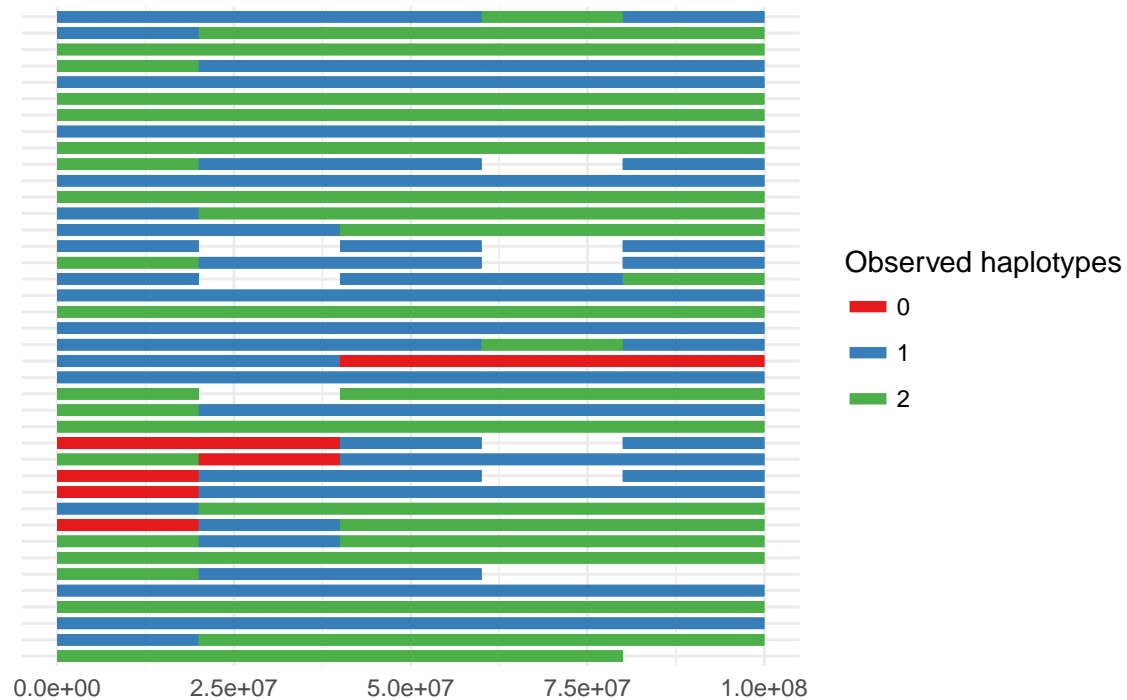
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1

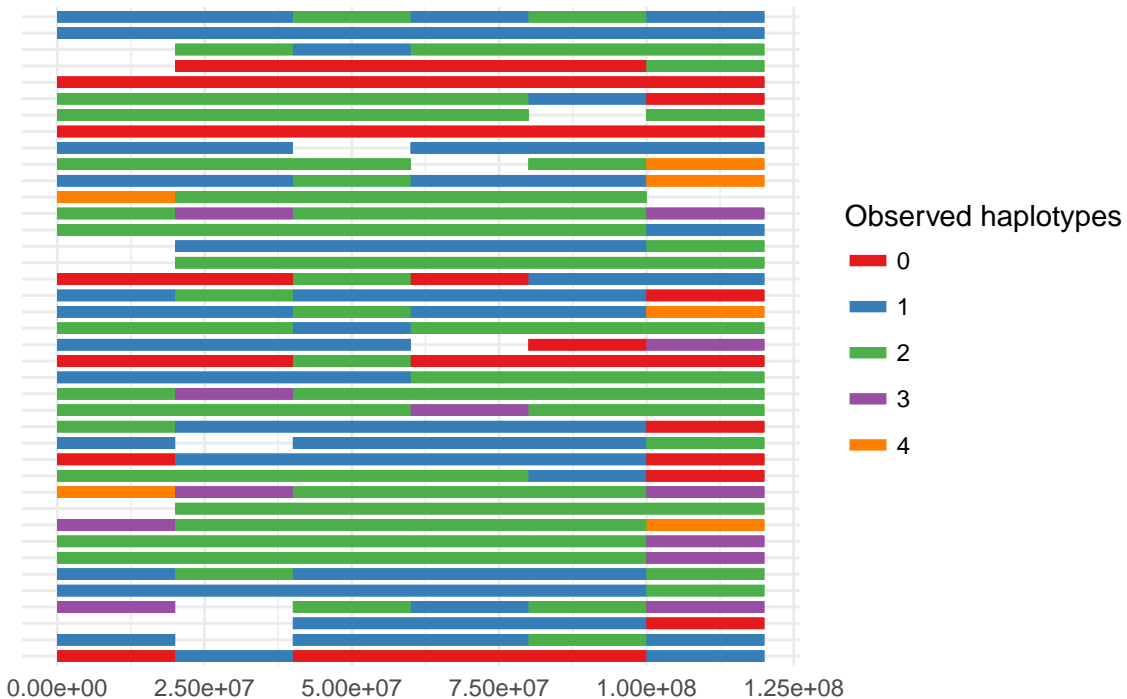
2

3

KPC 6 HanXRQChr06 10MB window haplotypecount



KPC 6 HanXRQChr07 10MB window haplotypecount



KPC 6 HanXRQChr08 10MB window haplotypecount

Observed haplotypes

0

1

2

3

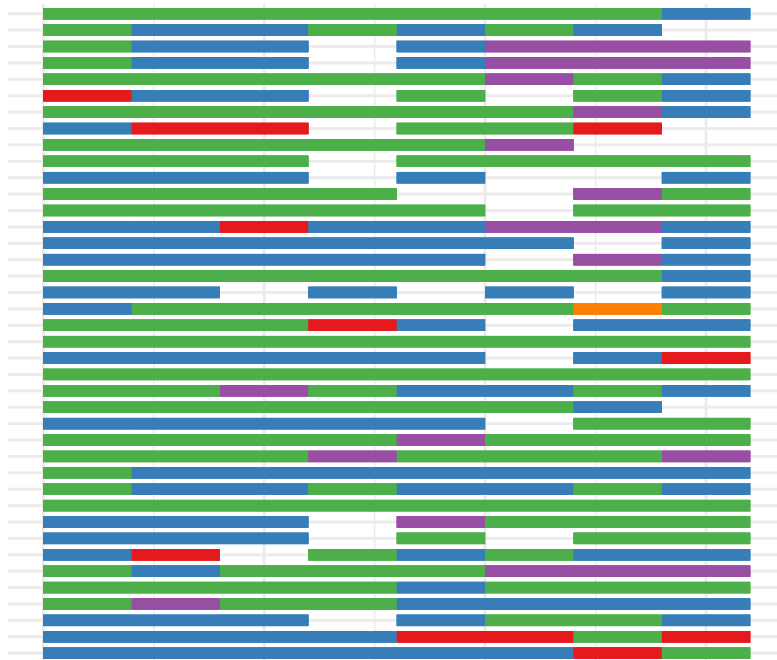
4

0.0e+00

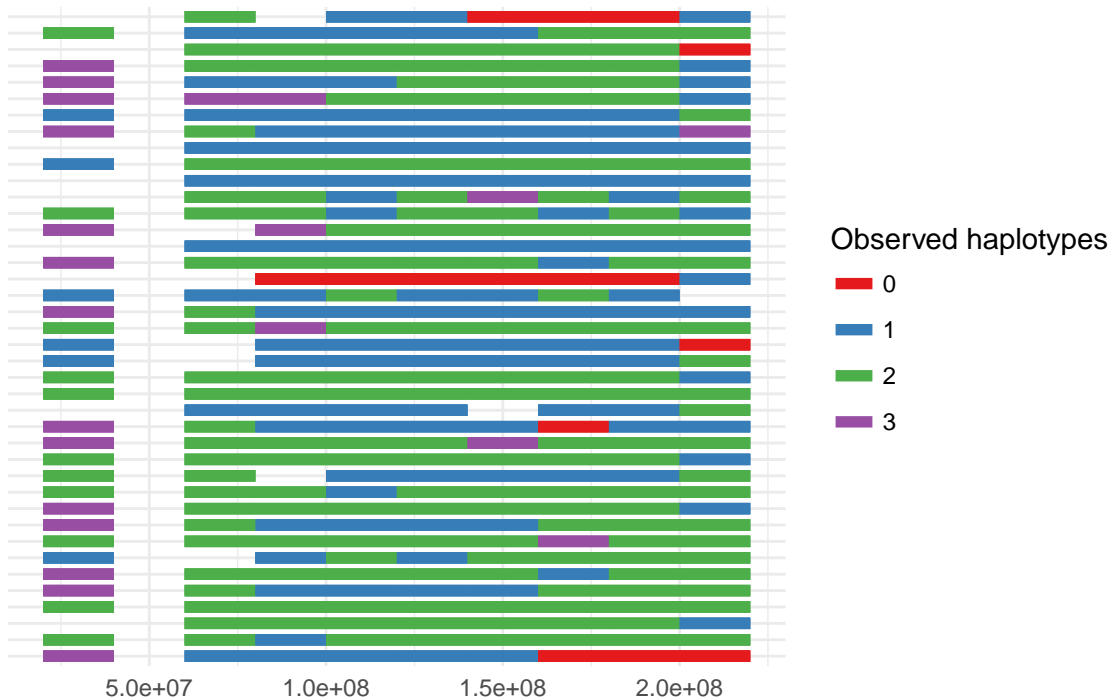
5.0e+07

1.0e+08

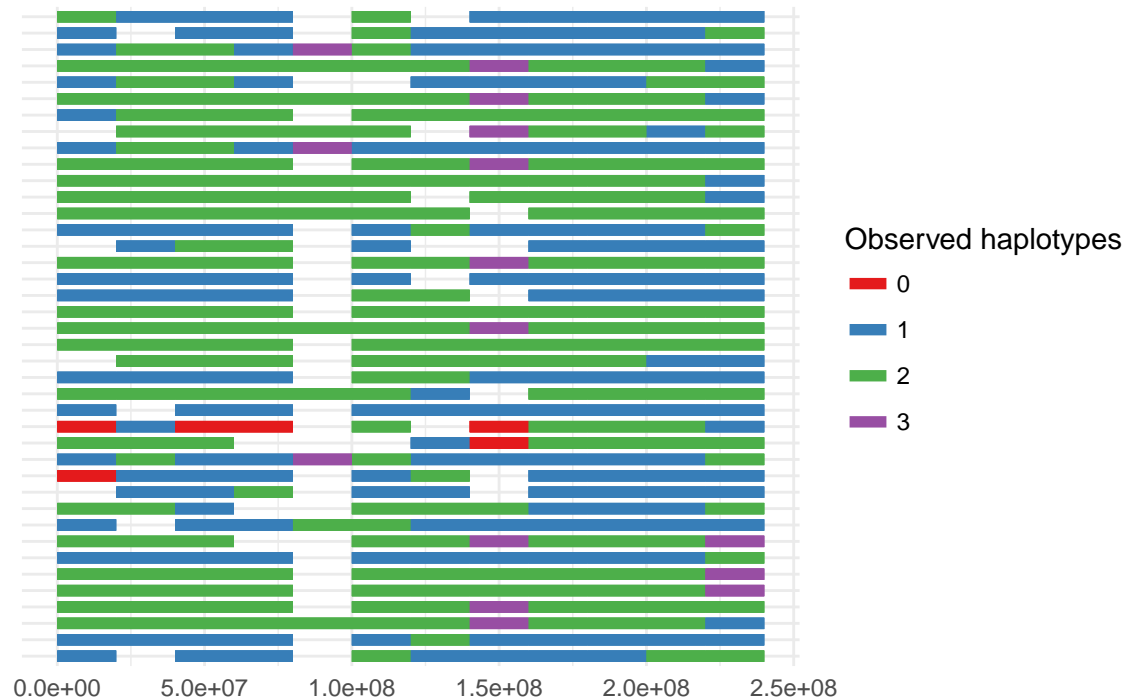
1.5e+08



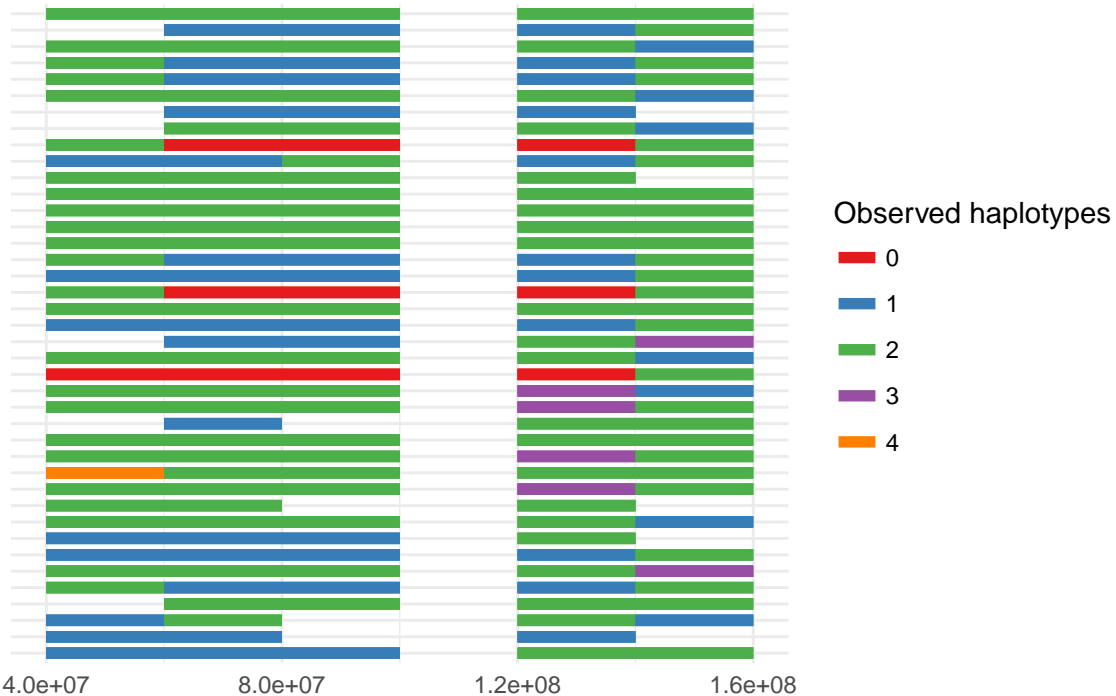
KPC 6 HanXRQChr09 10MB window haplotypescount



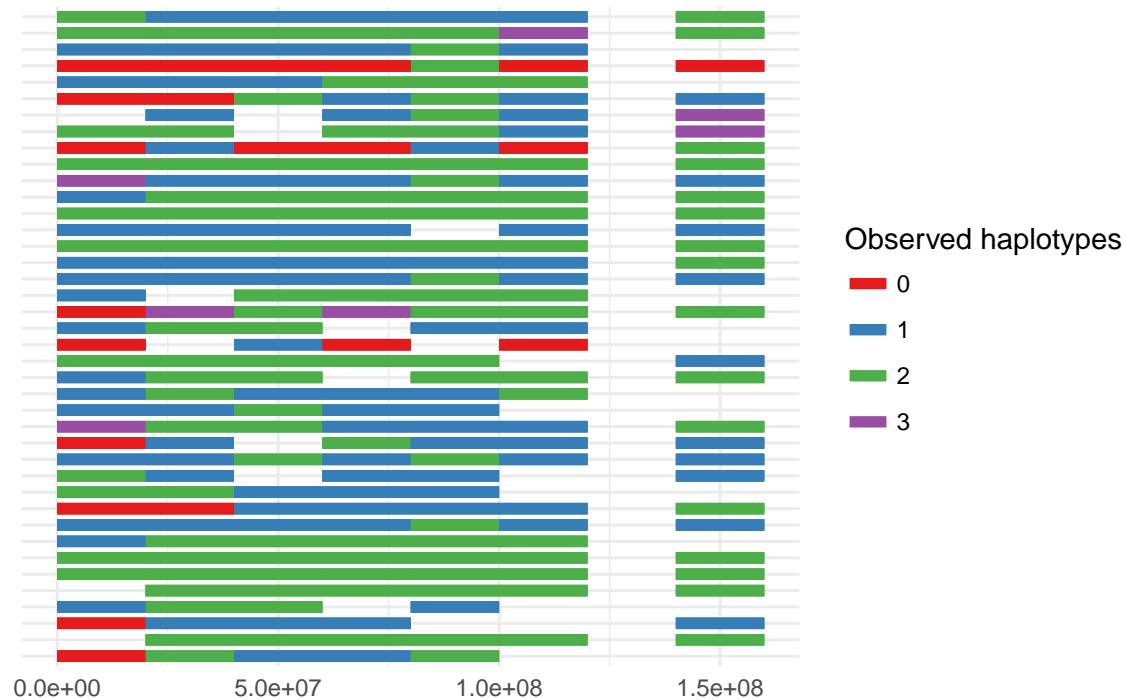
KPC 6 HanXRQChr10 10MB window haplotypecount



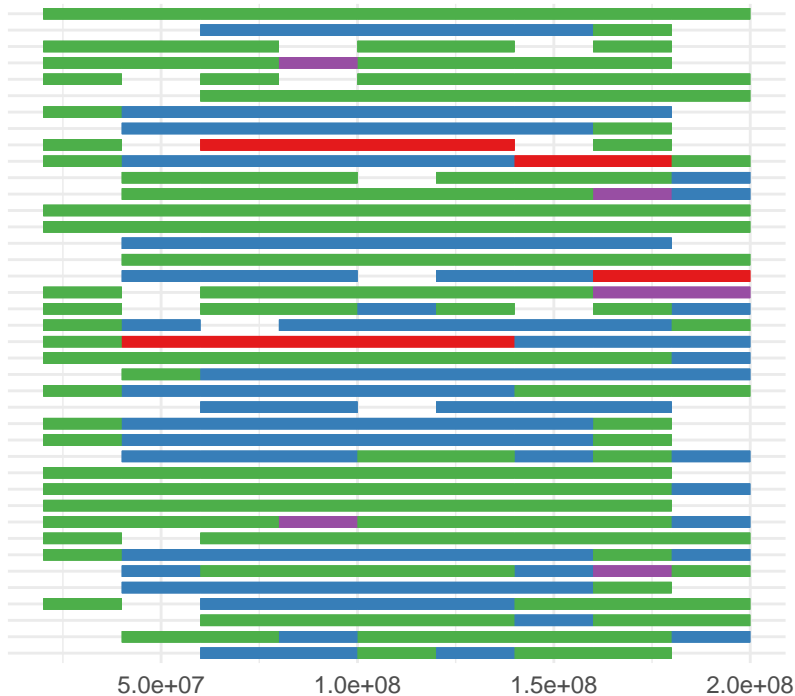
KPC 6 HanXRQChr11 10MB window haplotypecount



KPC 6 HanXRQChr12 10MB window haplotypescount



KPC 6 HanXRQChr13 10MB window haplotypecount



Observed haplotypes

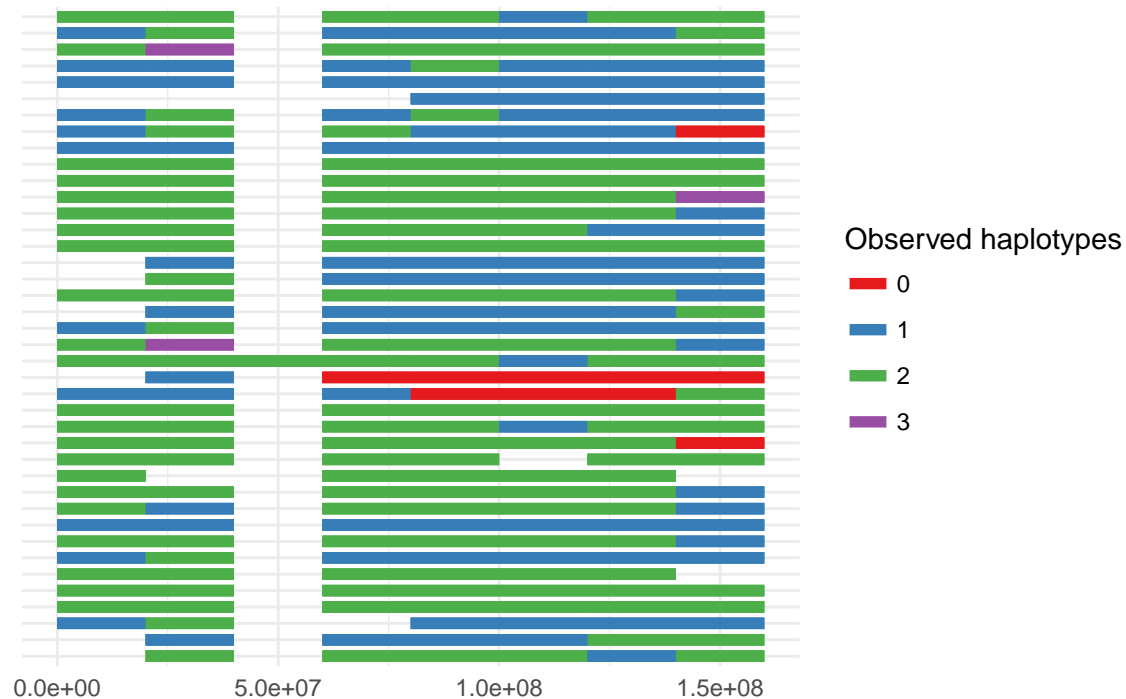
0

1

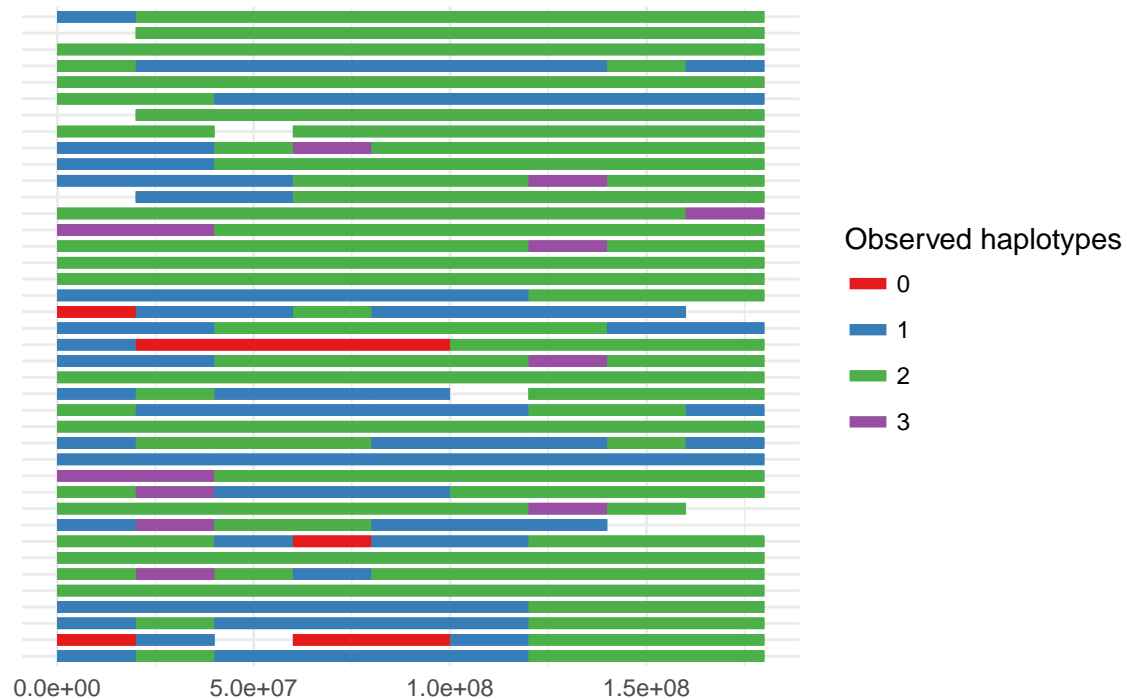
2

3

KPC 6 HanXRQChr14 10MB window haplotypecount



KPC 6 HanXRQChr15 10MB window haplotypecount



KPC 6 HanXRQChr16 10MB window haplotypescount

Observed haplotypes

0

1

2

3

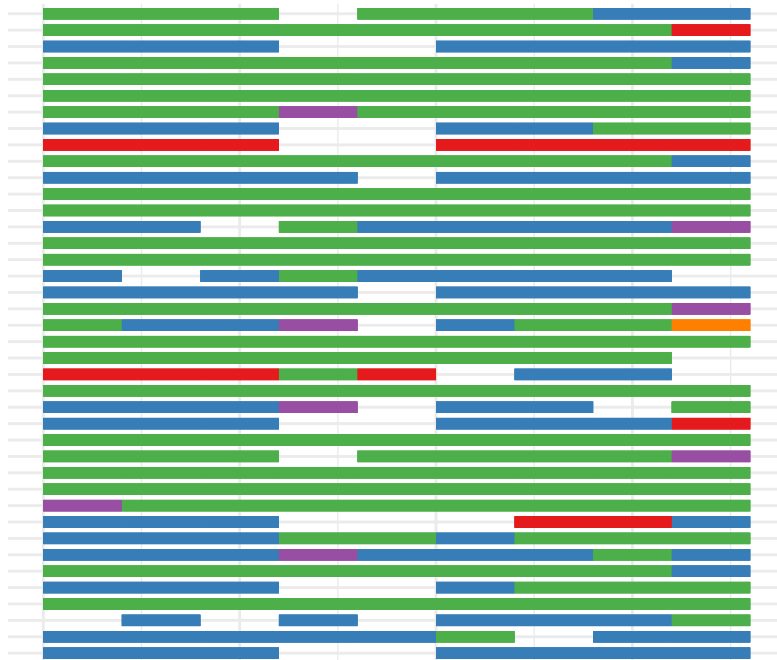
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0.0e+00

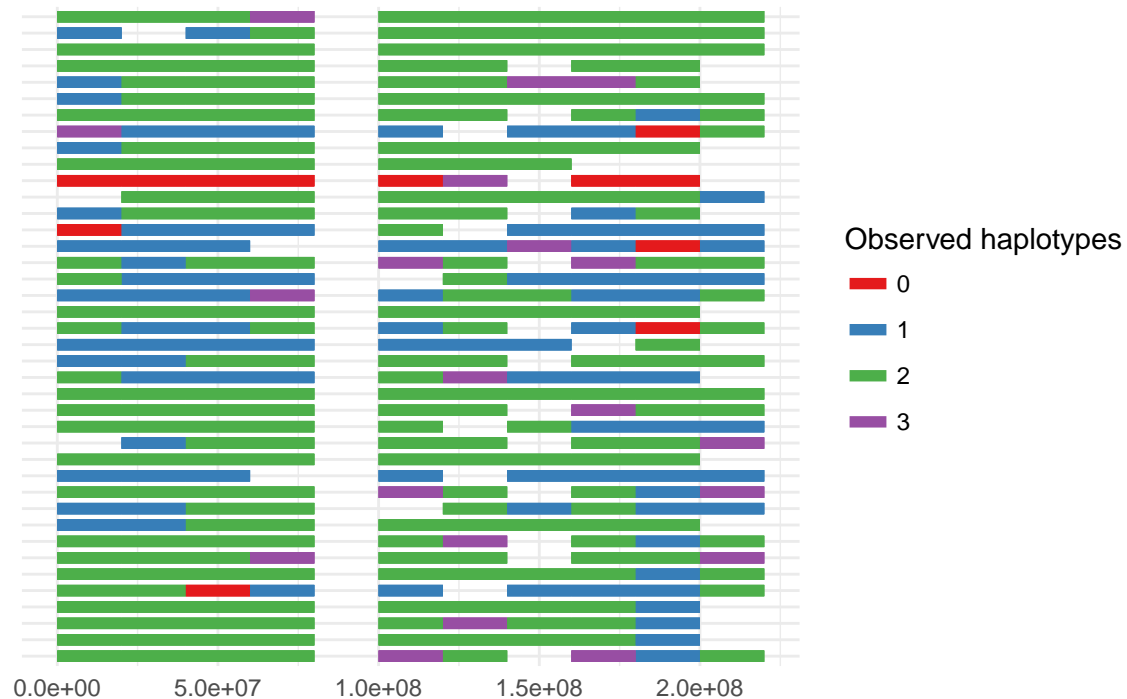
5.0e+07

1.0e+08

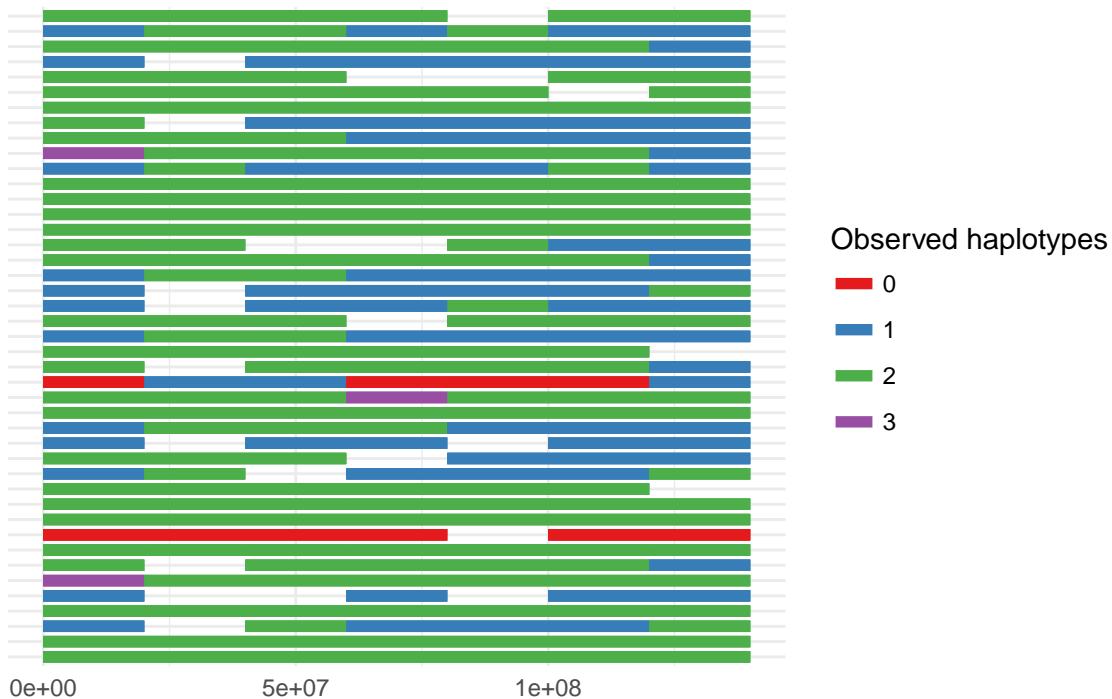
1.5e+08



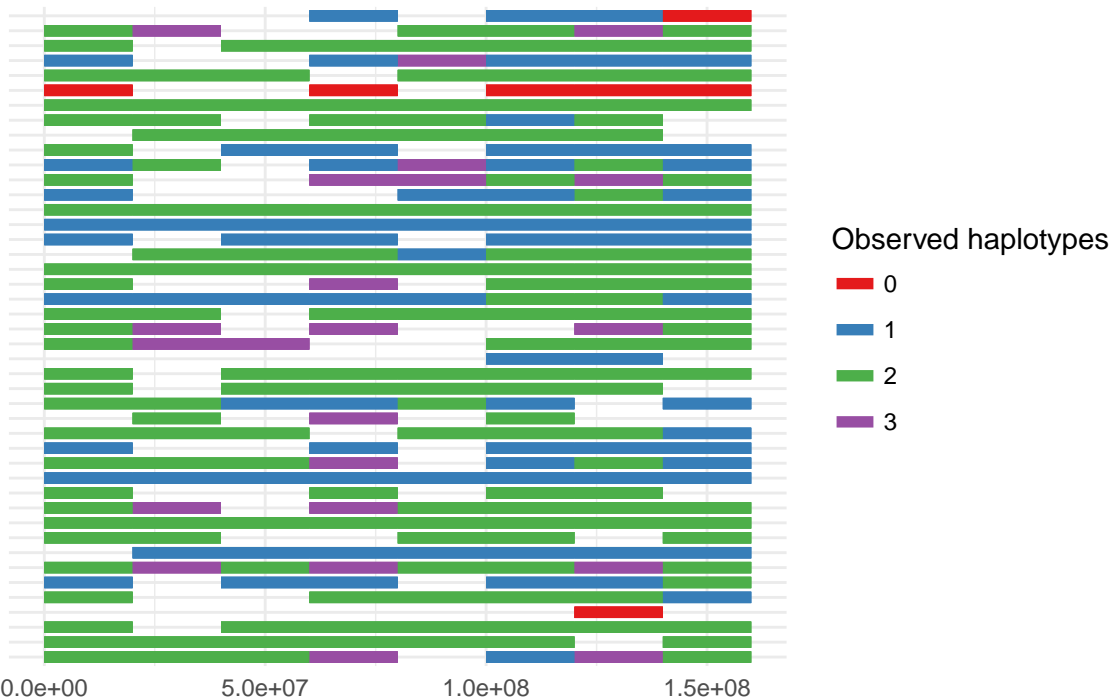
KPC 6 HanXRQChr17 10MB window haplotypecount



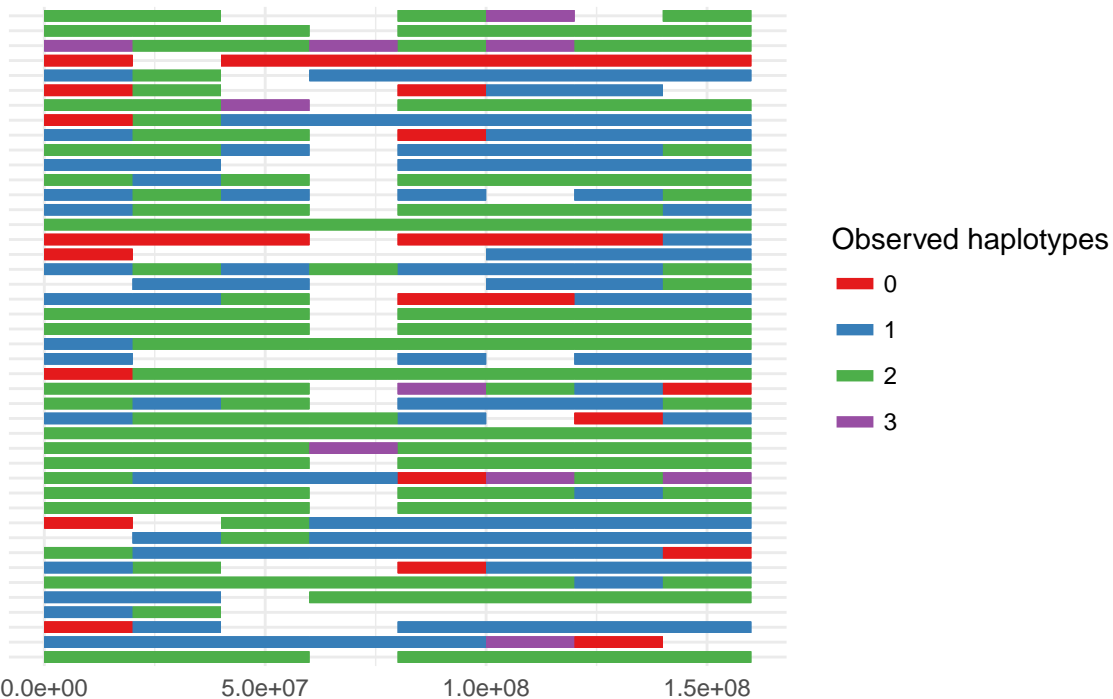
KPC 8 HanXRQChr01 10MB window haplotypecount



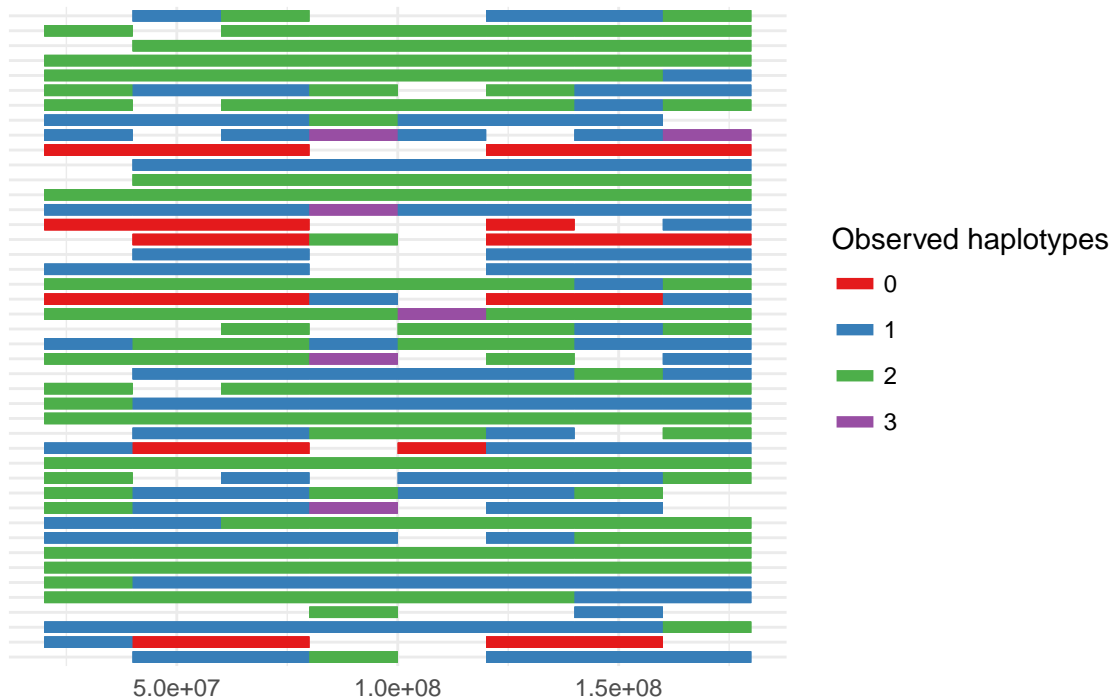
KPC 8 HanXRQChr02 10MB window haplotypecount



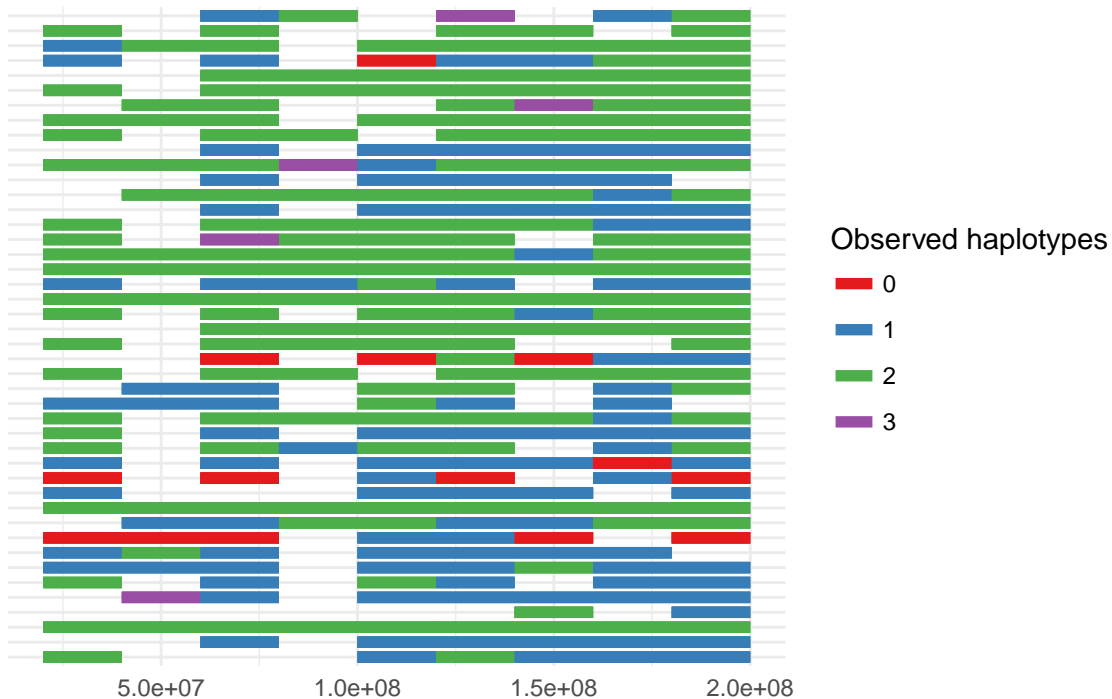
KPC 8 HanXRQChr03 10MB window haplotypecount



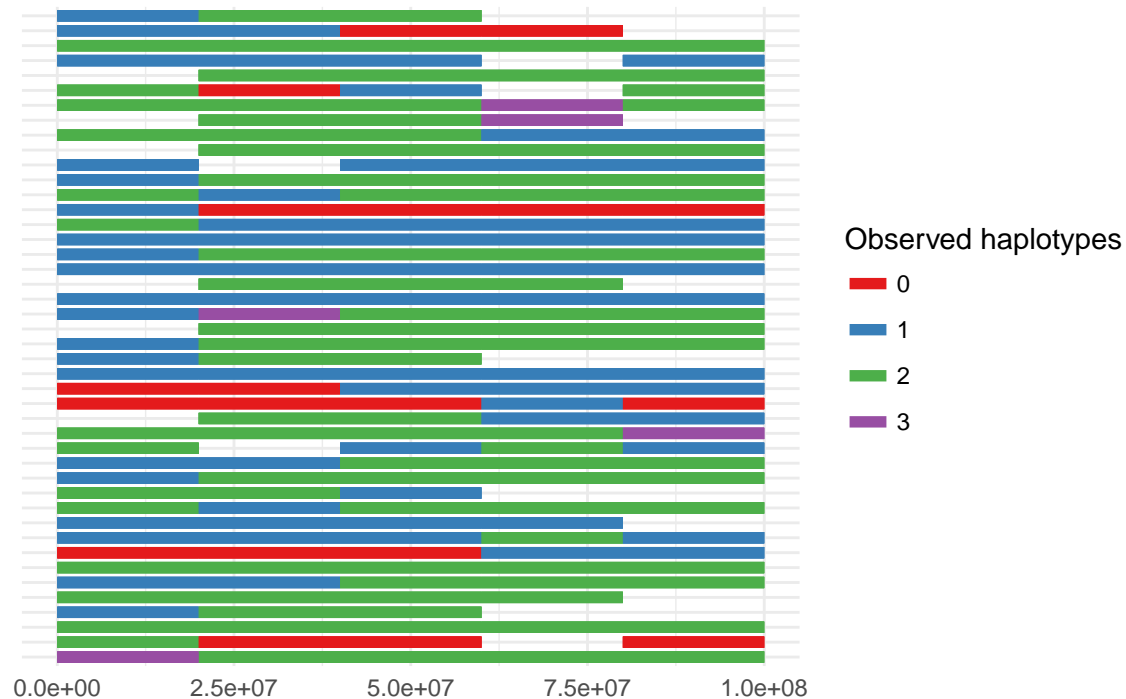
KPC 8 HanXRQChr04 10MB window haplotypecount



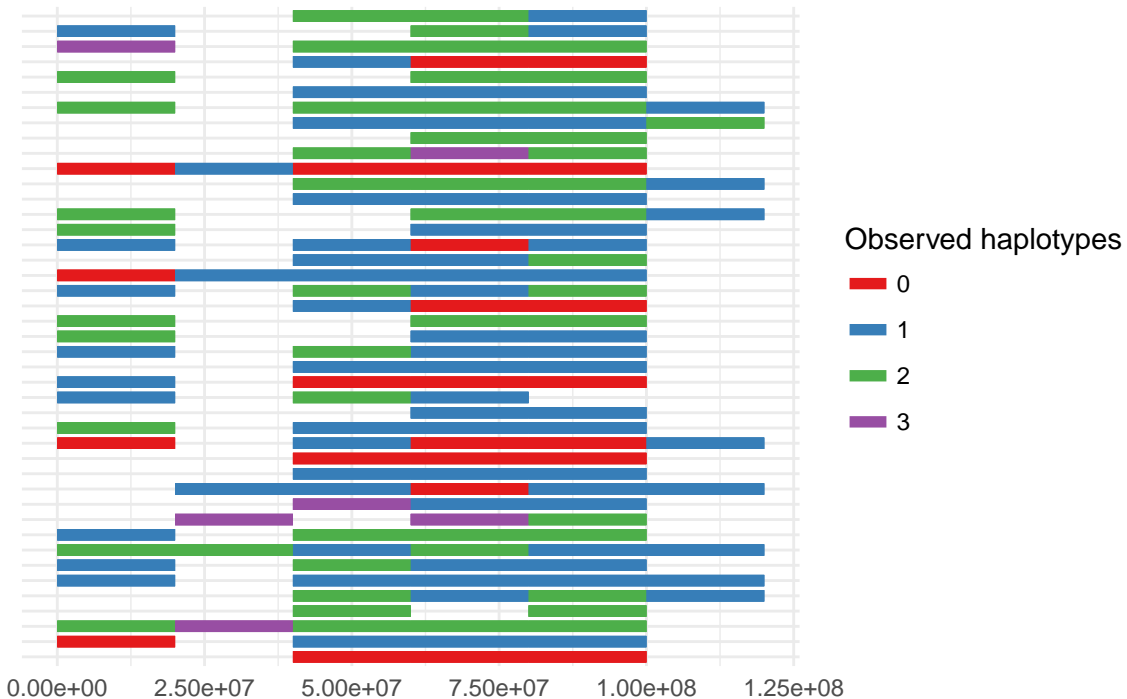
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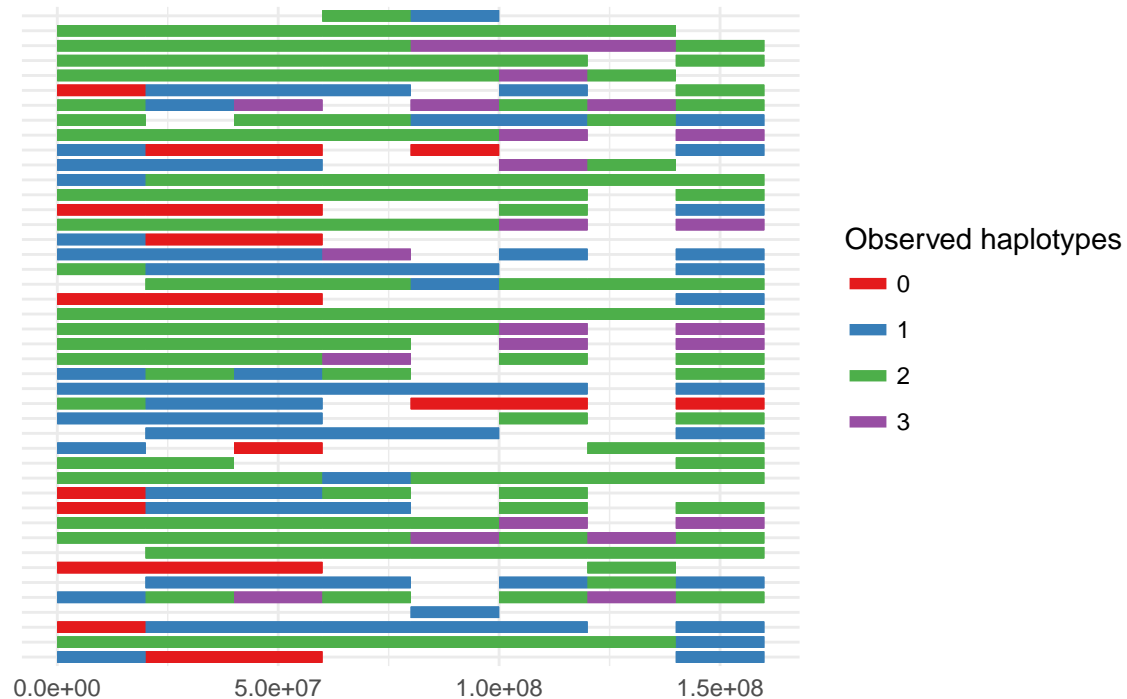
KPC 8 HanXRQChr06 10MB window haplotypecount



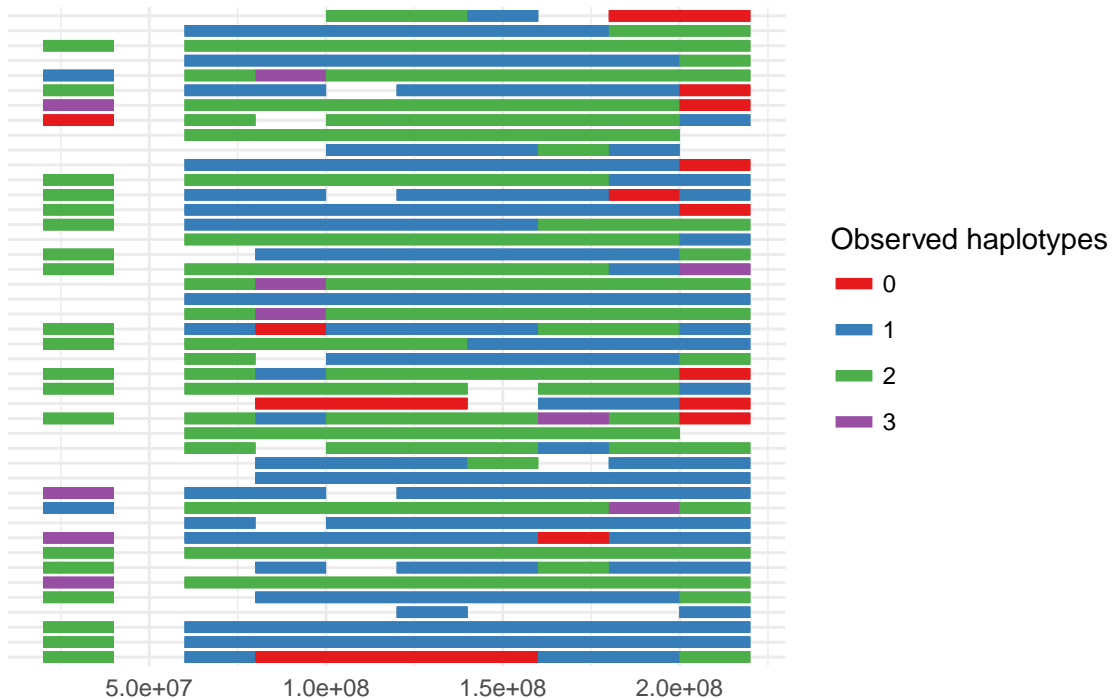
KPC 8 HanXRQChr07 10MB window haplotypecount



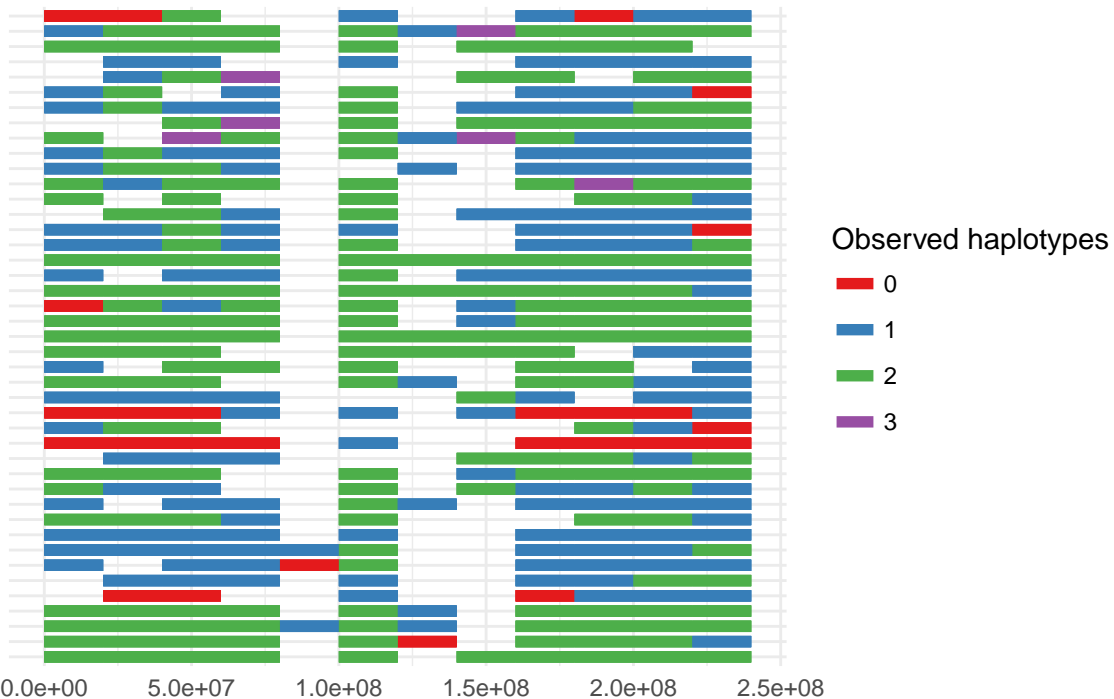
KPC 8 HanXRQChr08 10MB window haplotypecount



KPC 8 HanXRQChr09 10MB window haplotypecount



KPC 8 HanXRQChr10 10MB window haplotypecount



KPC 8 HanXRQChr11 10MB window haplotypecount

Observed haplotypes

0

1

2

3

4

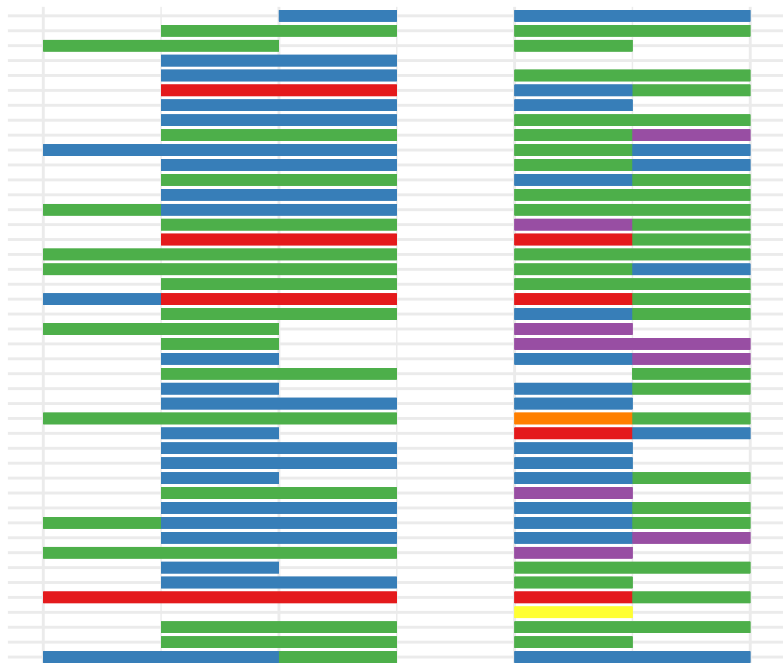
5

4.0e+07

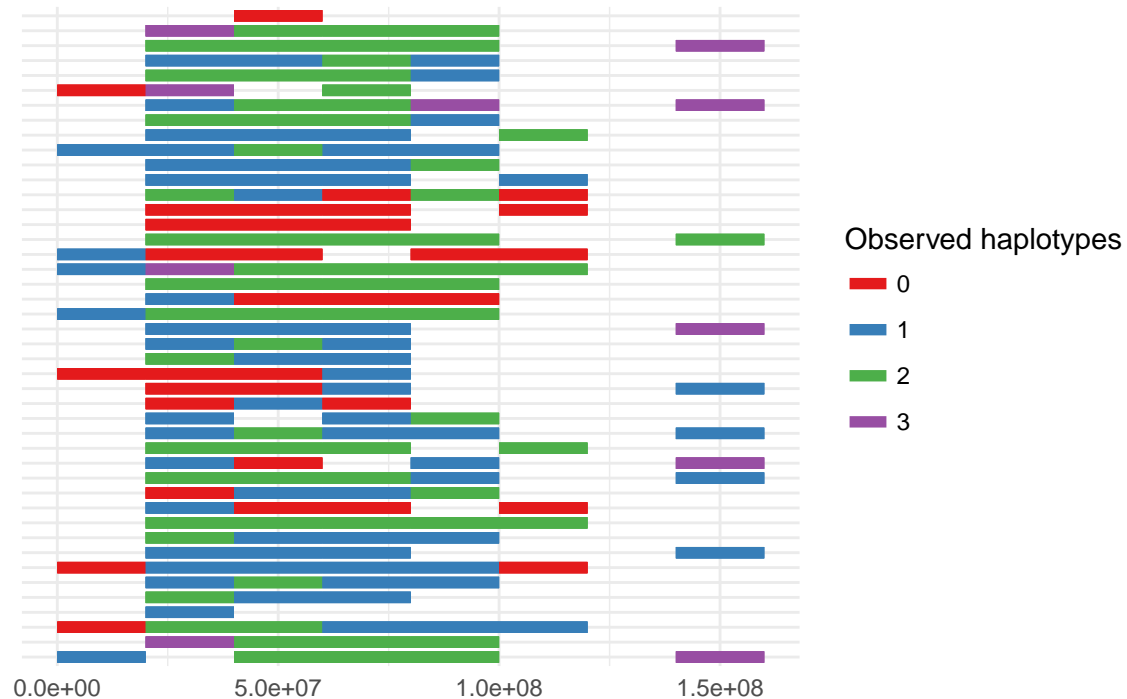
8.0e+07

1.2e+08

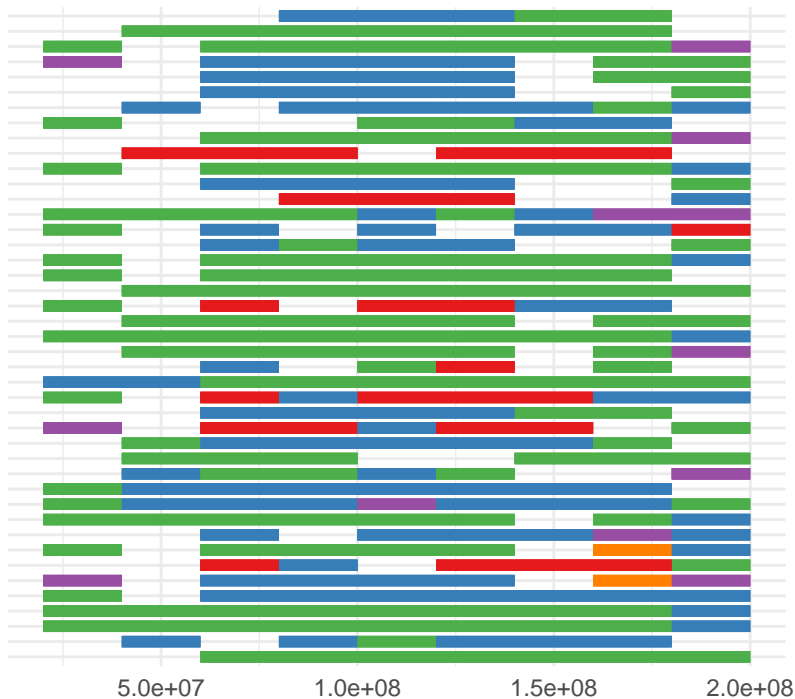
1.6e+08



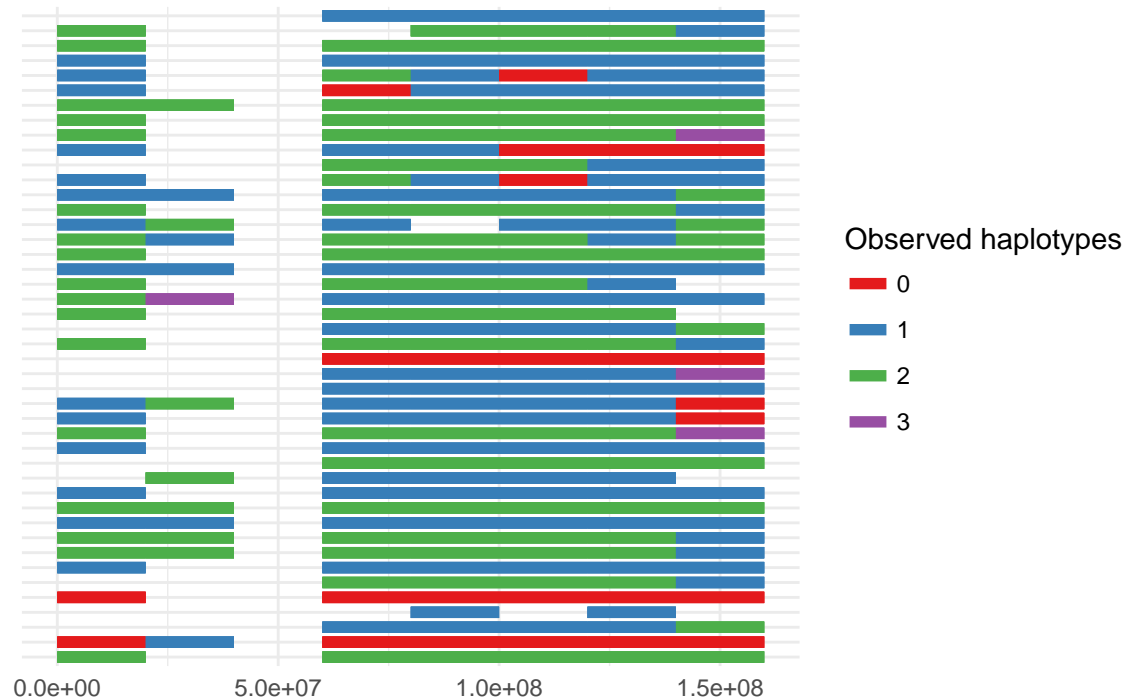
KPC 8 HanXRQChr12 10MB window haplotypecount



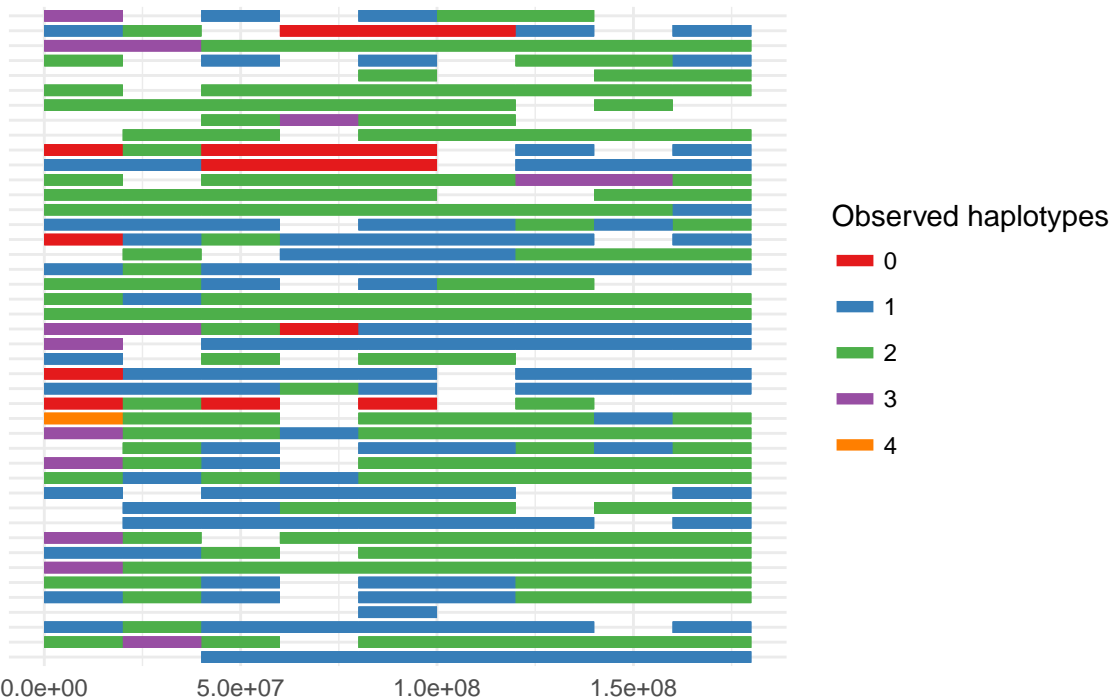
KPC 8 HanXRQChr13 10MB window haplotypecount



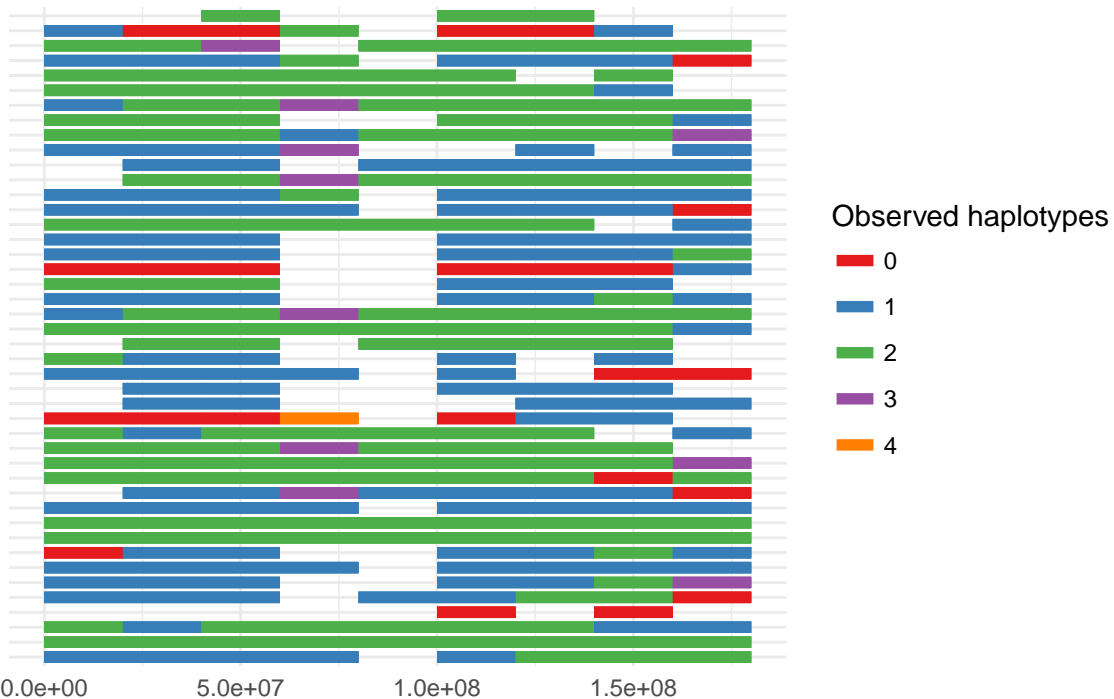
KPC 8 HanXRQChr14 10MB window haplotypecount



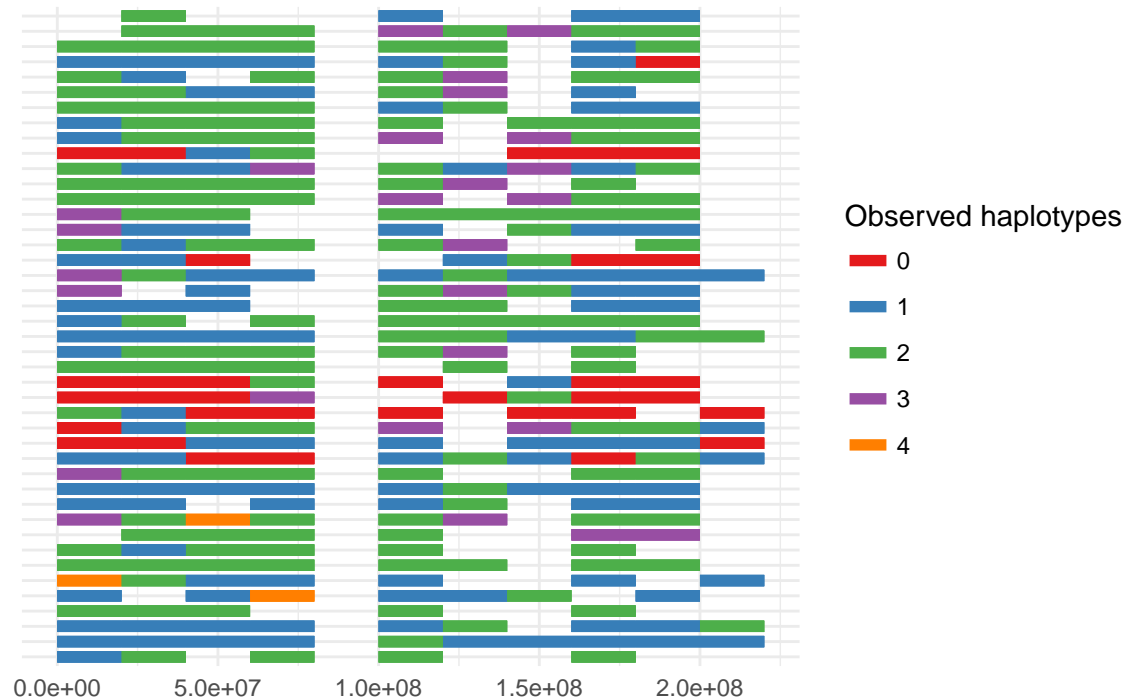
KPC 8 HanXRQChr15 10MB window haplotypecount



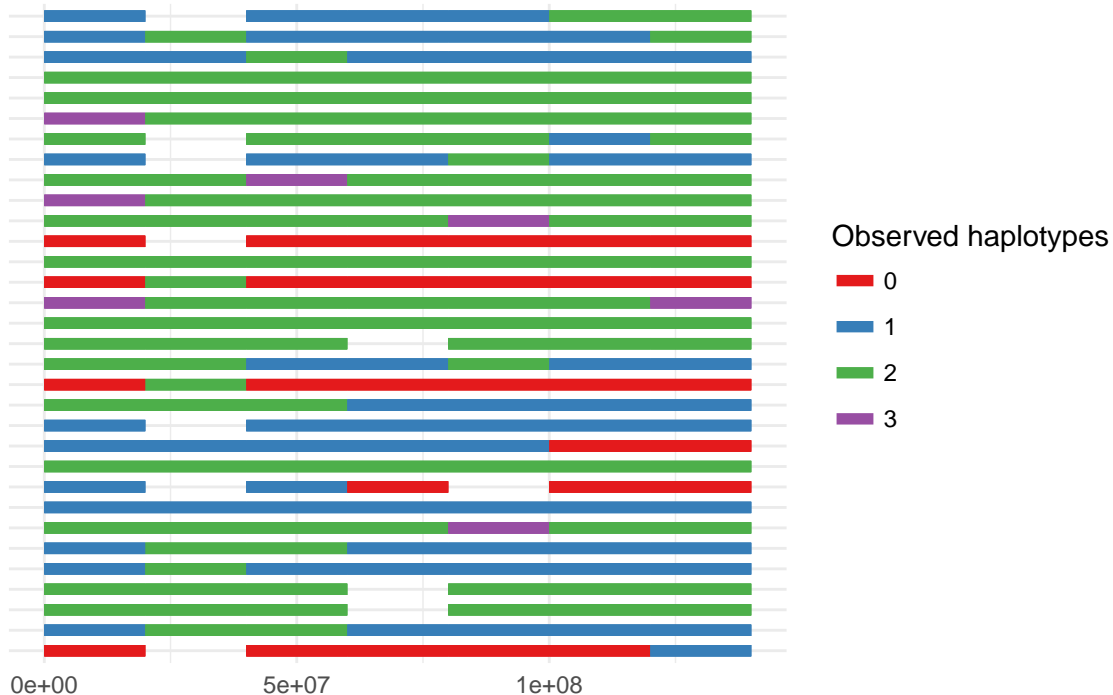
KPC 8 HanXRQChr16 10MB window haplotypecount



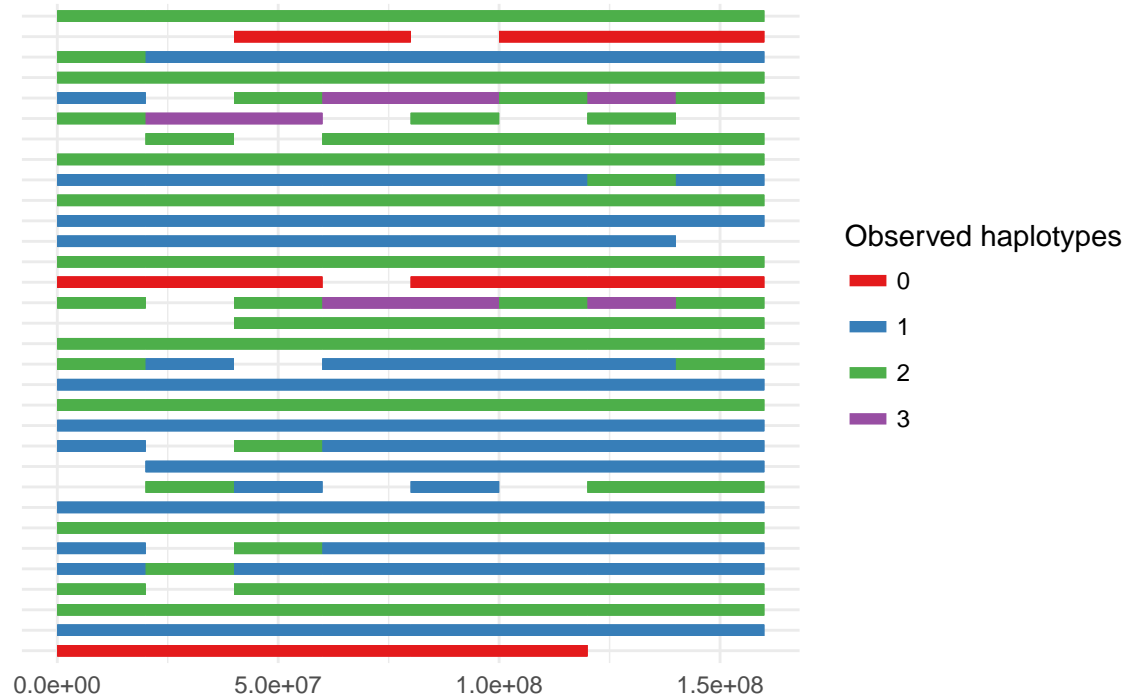
KPC 8 HanXRQChr17 10MB window haplotypecount



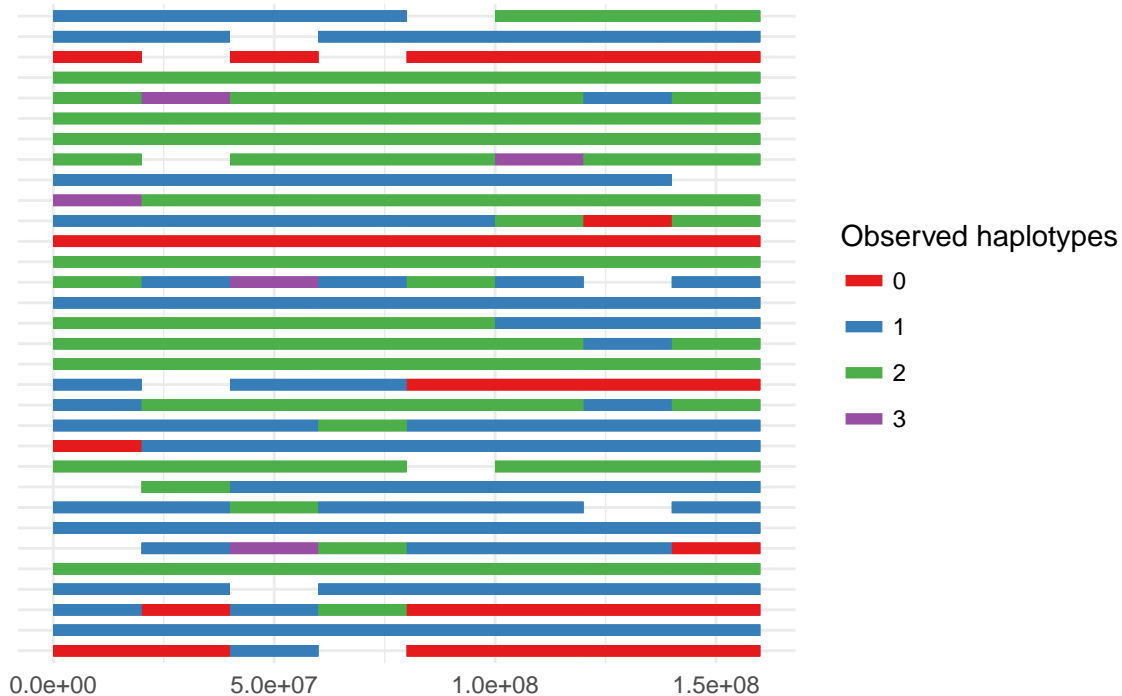
LBJ 2.5 HanXRQChr01 10MB window haplotypescount



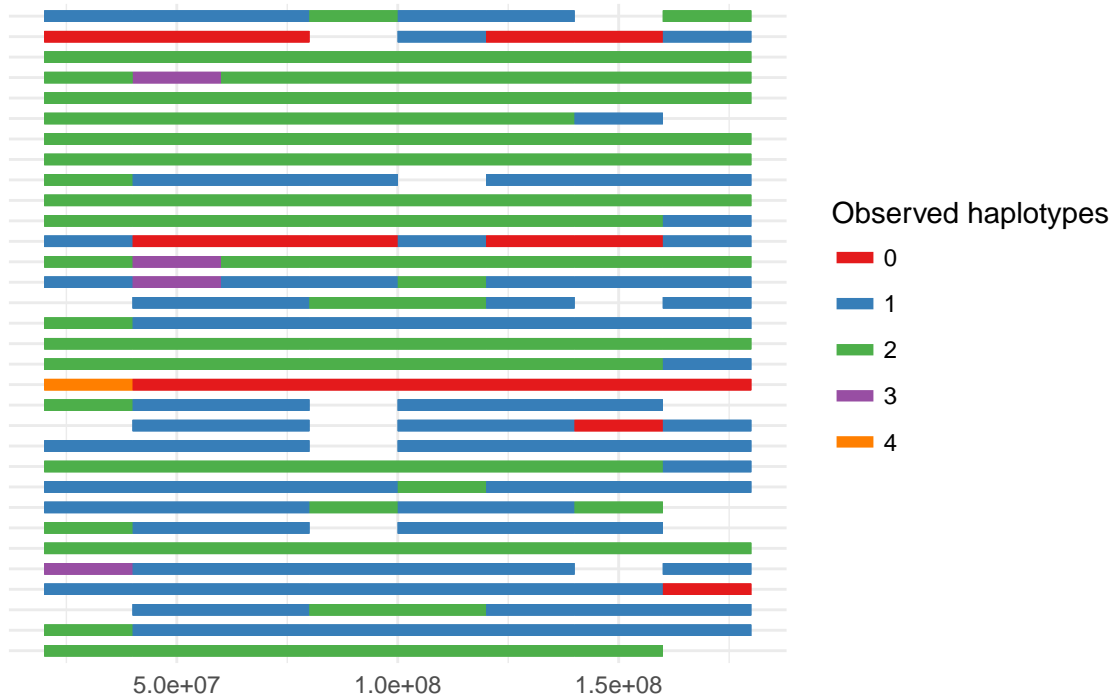
LBJ 2.5 HanXRQChr02 10MB window haplotypescount



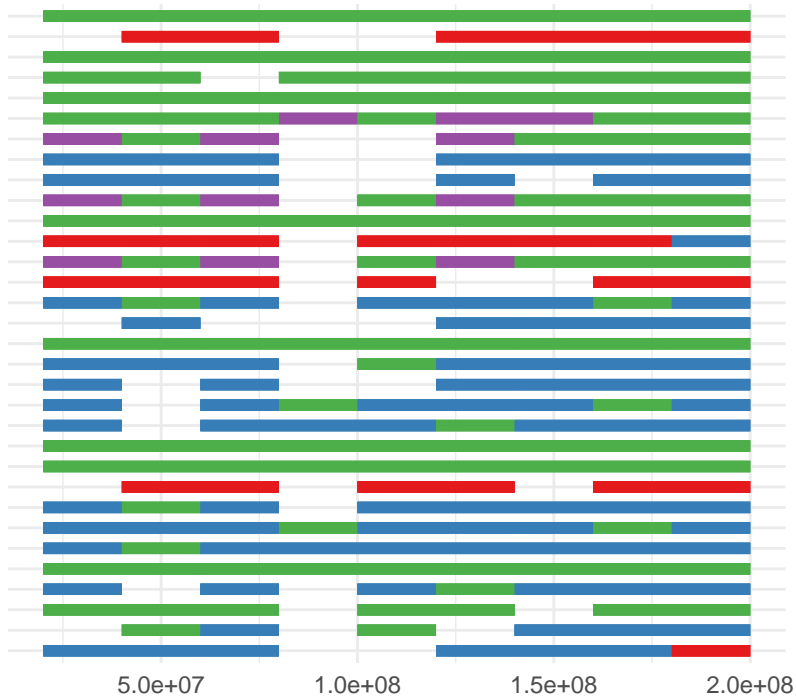
LBJ 2.5 HanXRQChr03 10MB window haplotypescount



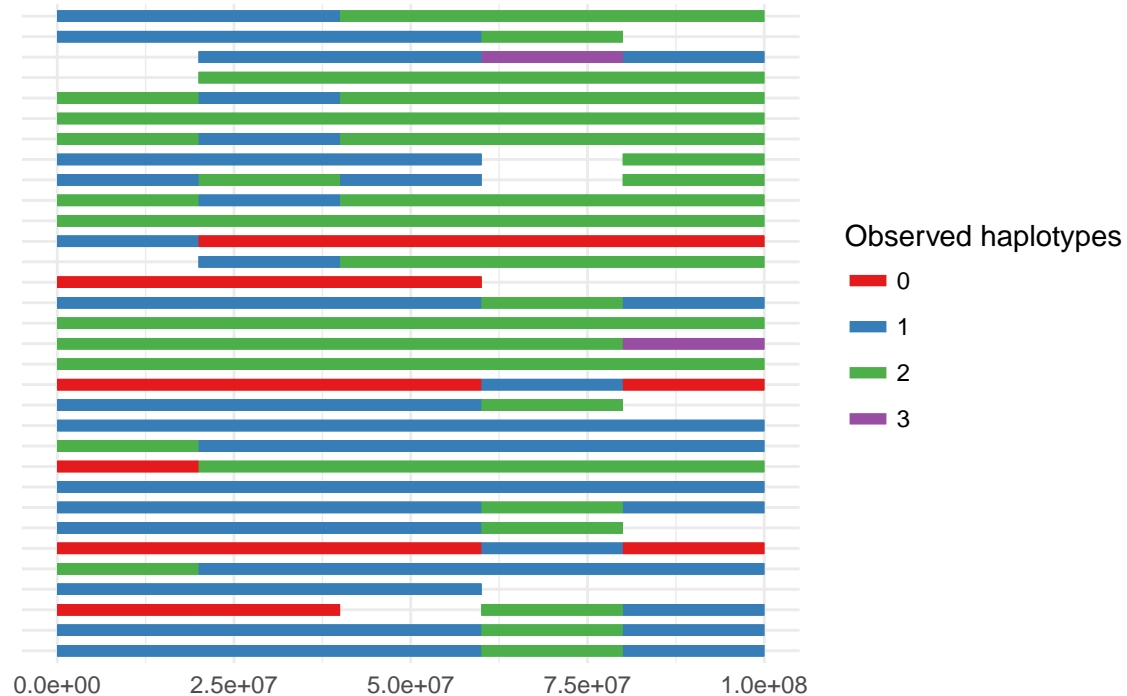
LBJ 2.5 HanXRQChr04 10MB window haplotypescount



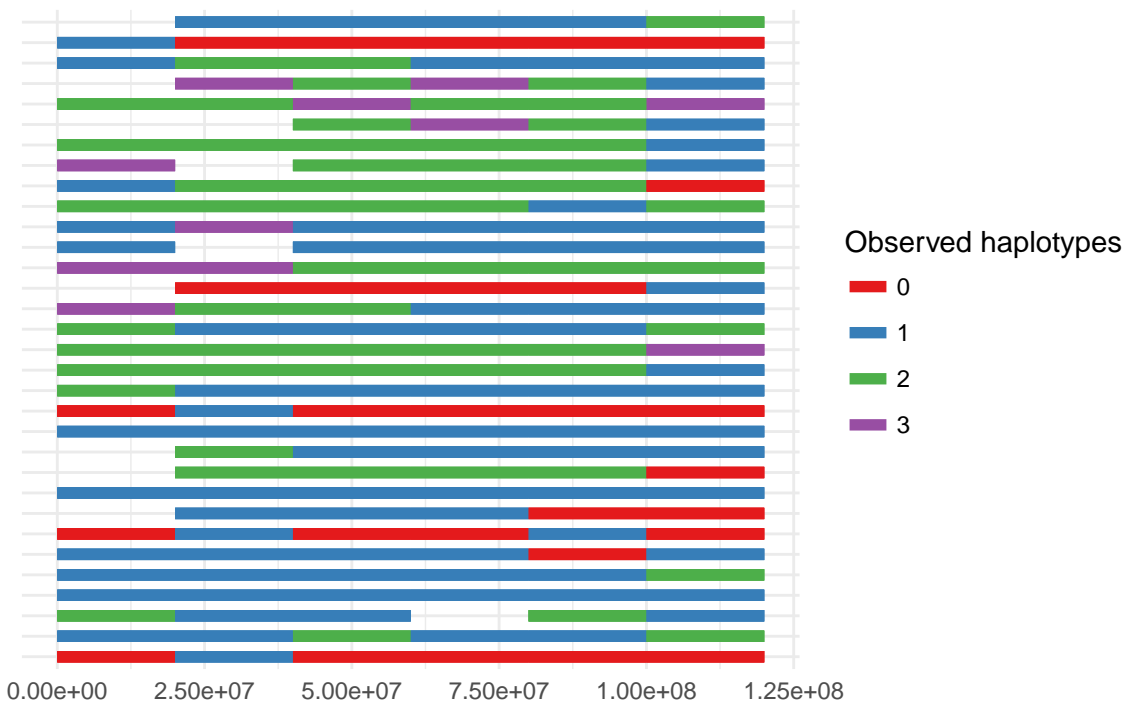
LBJ 2.5 HanXRQChr05 10MB window haplotypescount



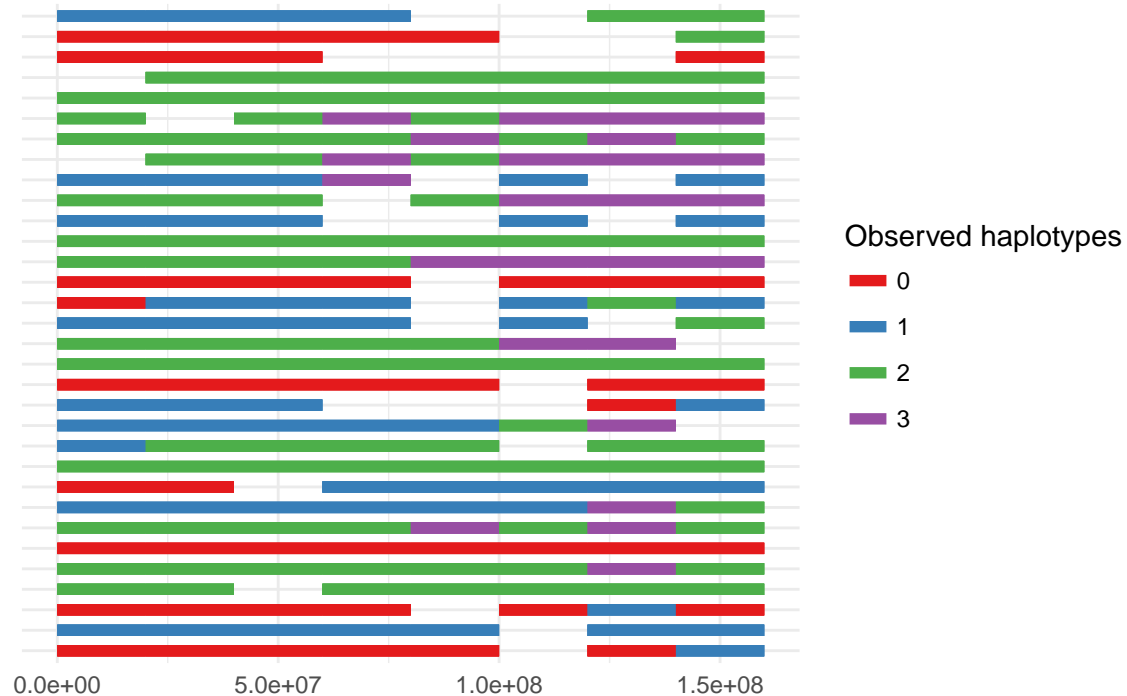
LBJ 2.5 HanXRQChr06 10MB window haplotypescount



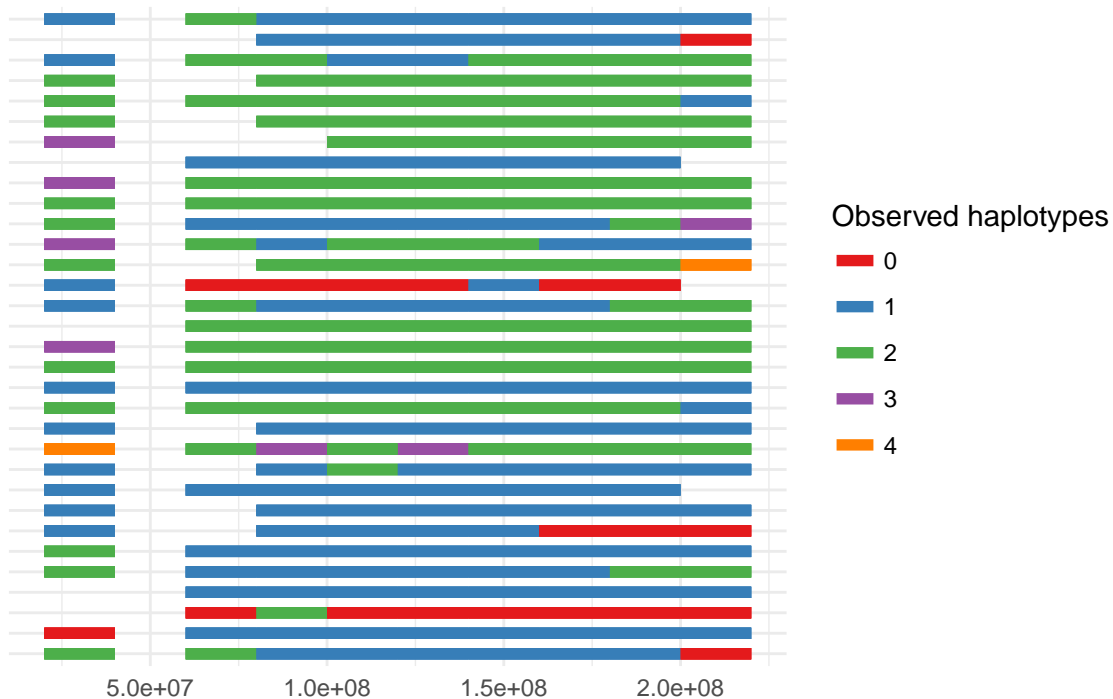
LBJ 2.5 HanXRQChr07 10MB window haplotypescount



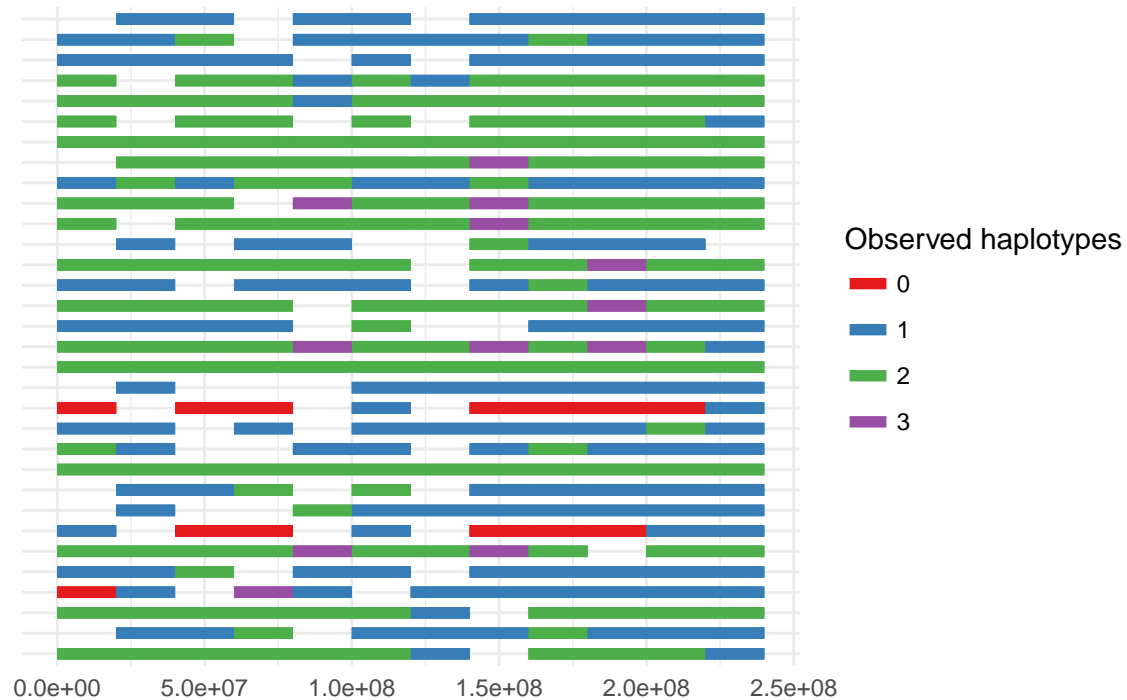
LBJ 2.5 HanXRQChr08 10MB window haplotypescount



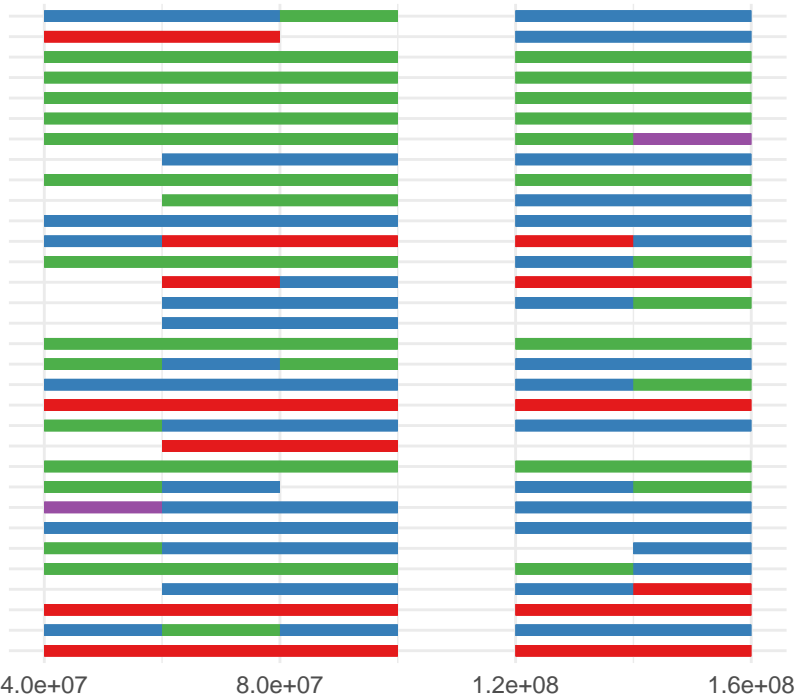
LBJ 2.5 HanXRQChr09 10MB window haplotypescount



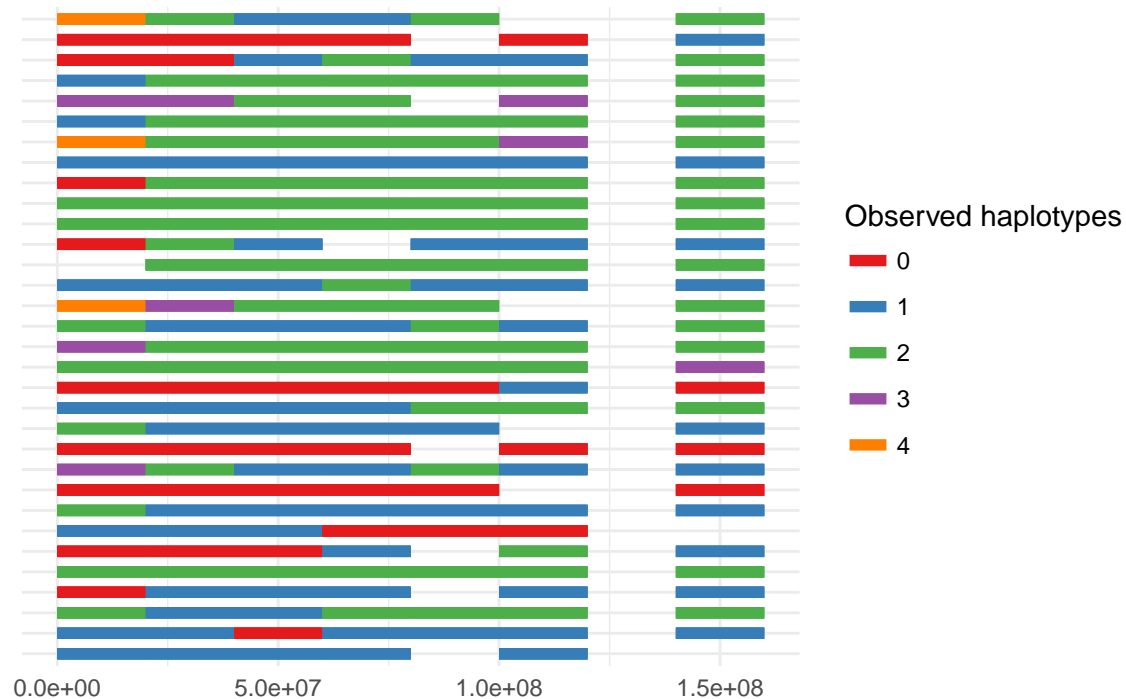
LBJ 2.5 HanXRQChr10 10MB window haplotypescount



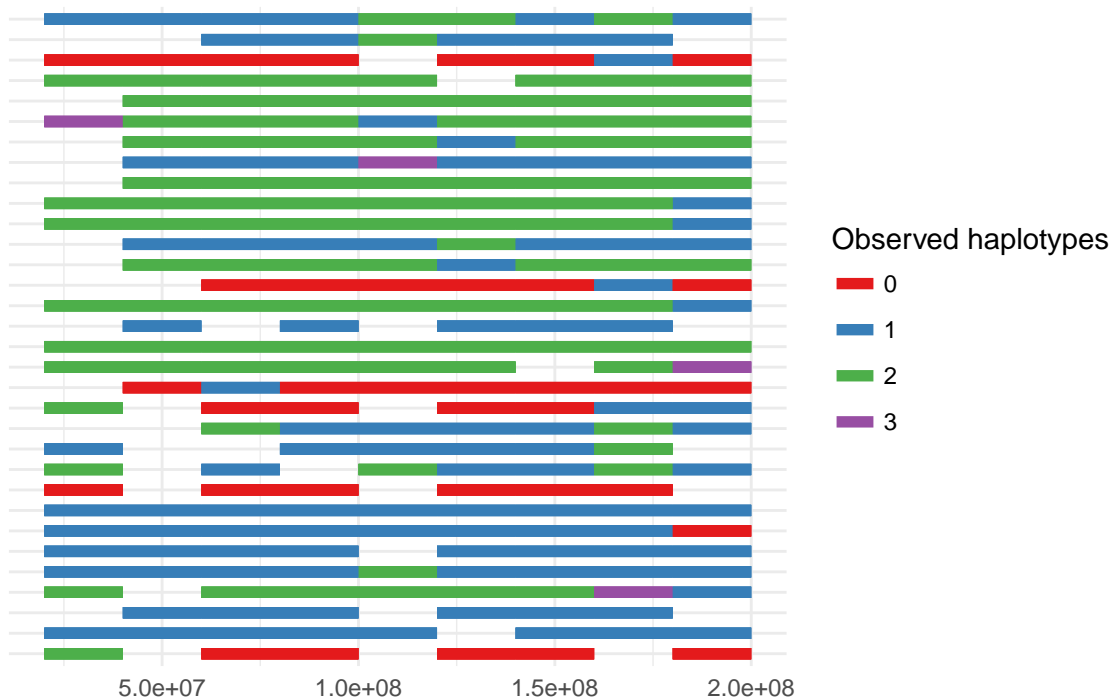
LBJ 2.5 HanXRQChr11 10MB window haplotypescount



LBJ 2.5 HanXRQChr12 10MB window haplotypescount



LBJ 2.5 HanXRQChr13 10MB window haplotypescount



LBJ 2.5 HanXRQChr14 10MB window haplotypescount

Observed haplotypes

0

1

2

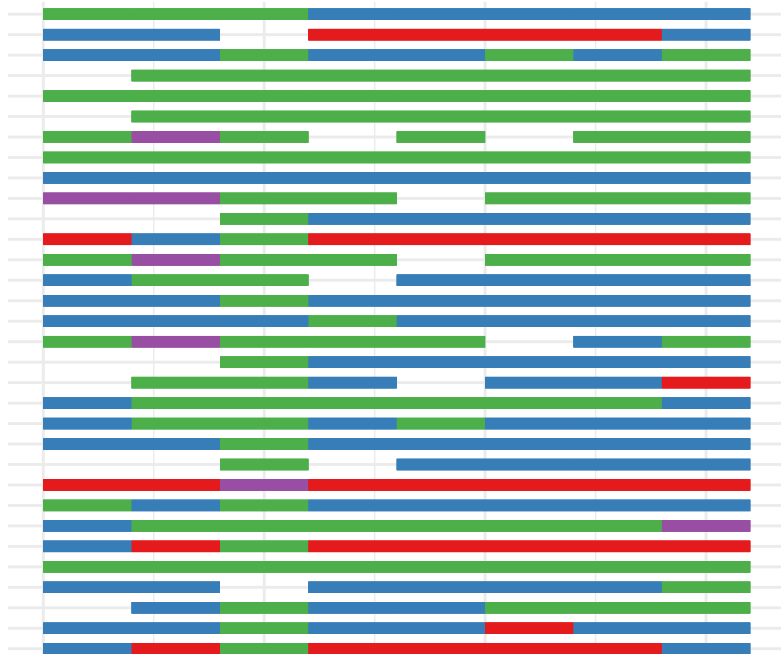
3

0.0e+00

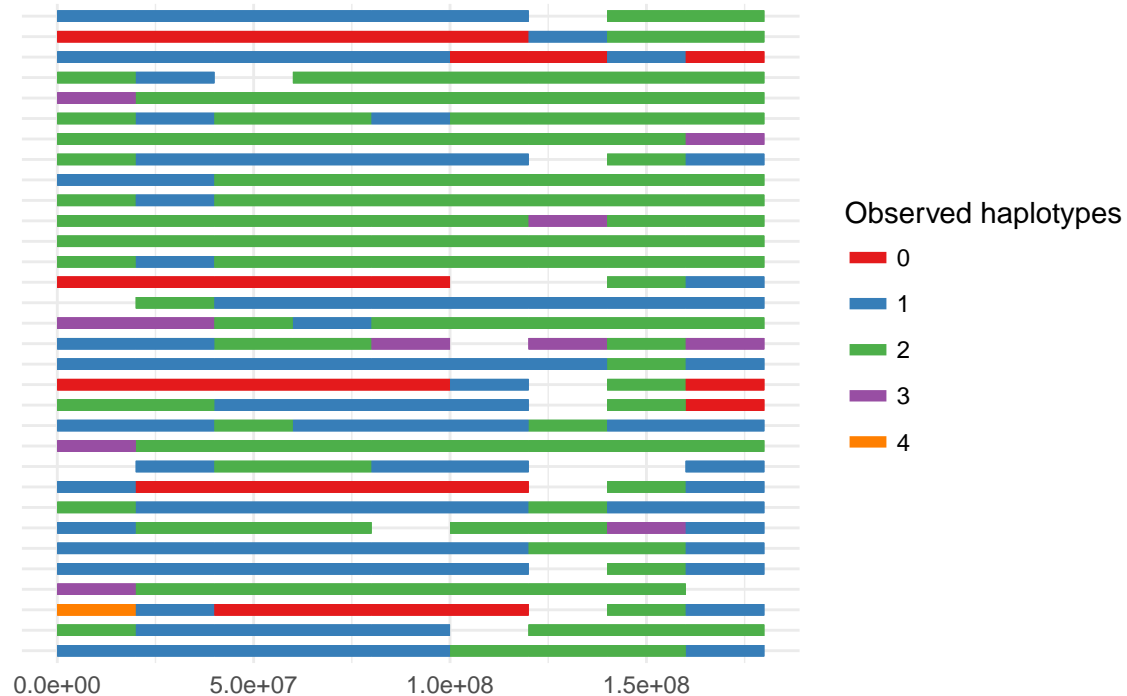
5.0e+07

1.0e+08

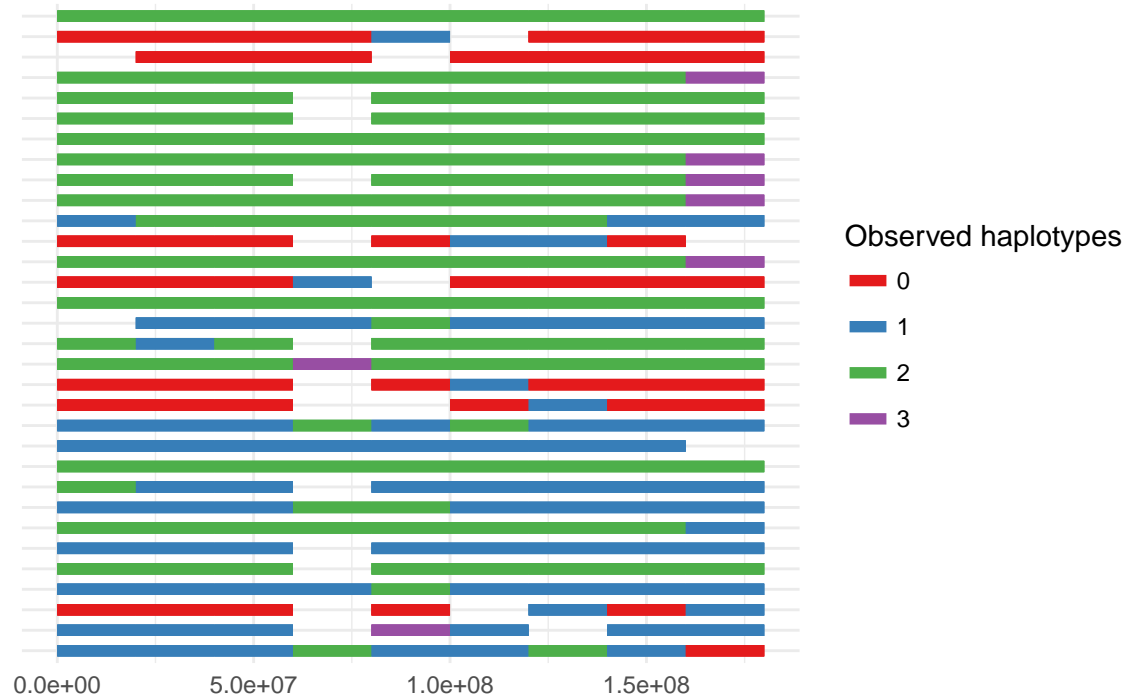
1.5e+08



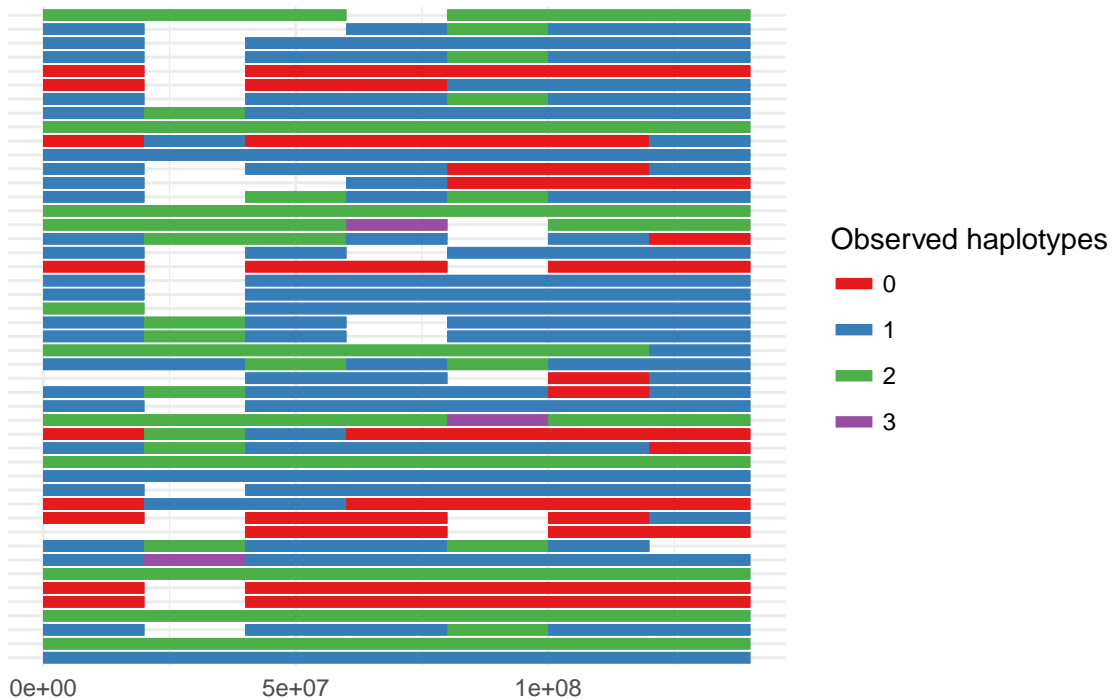
LBJ 2.5 HanXRQChr15 10MB window haplotypescount



LBJ 2.5 HanXRQChr16 10MB window haplotypescount



LBJ 4 HanXRQChr01 10MB window haplotypescount



LBJ 4 HanXRQChr02 10MB window haplotypescount

Observed haplotypes

0

1

2

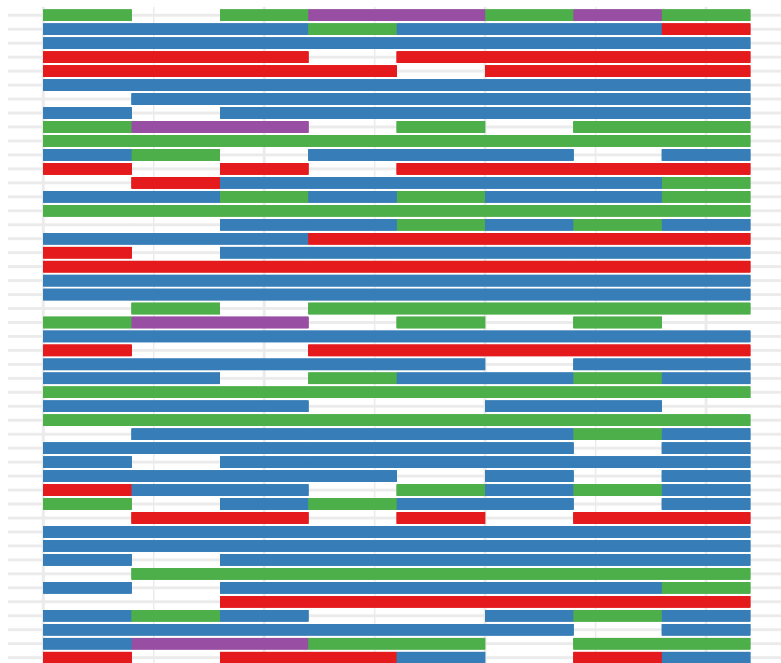
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0.0e+00

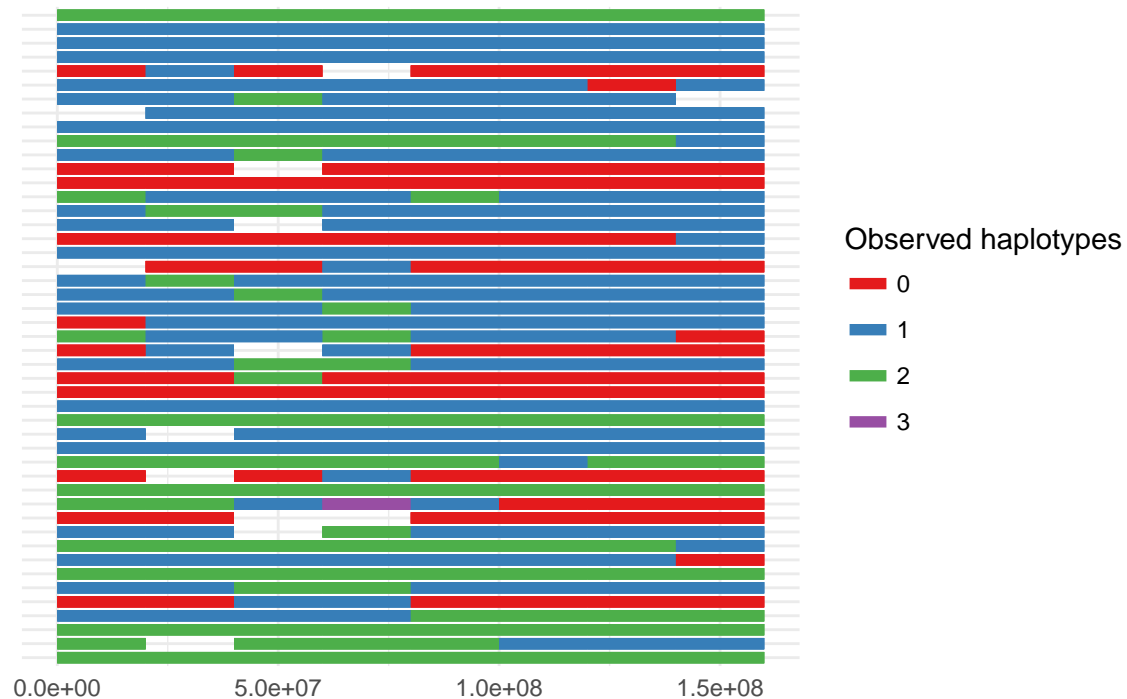
5.0e+07

1.0e+08

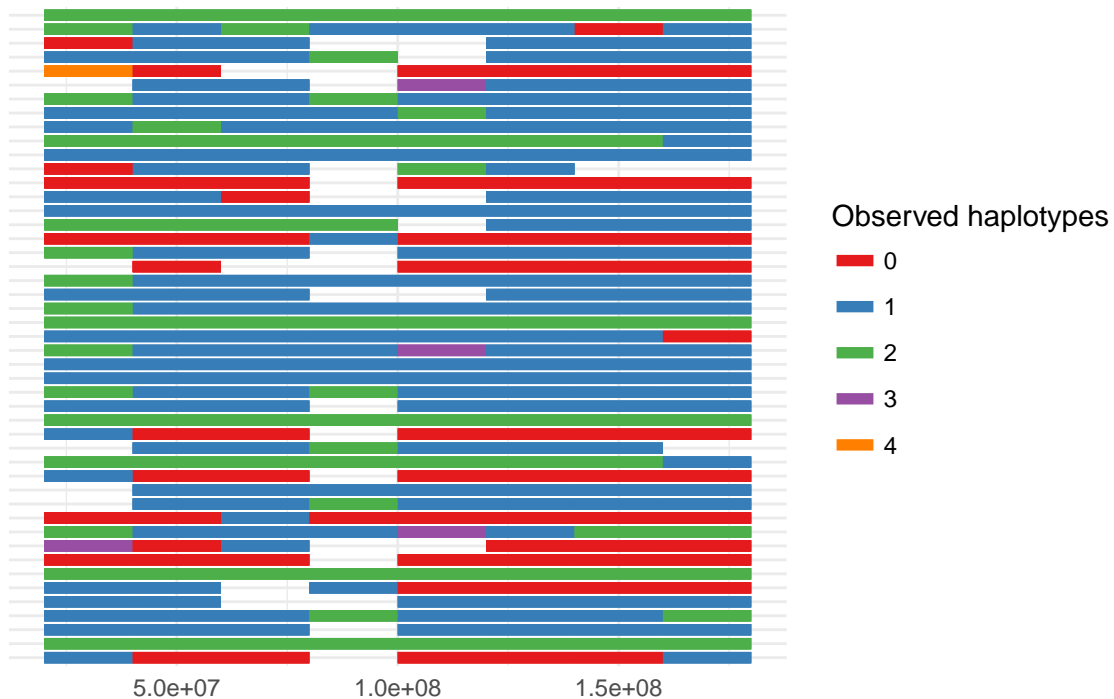
1.5e+08



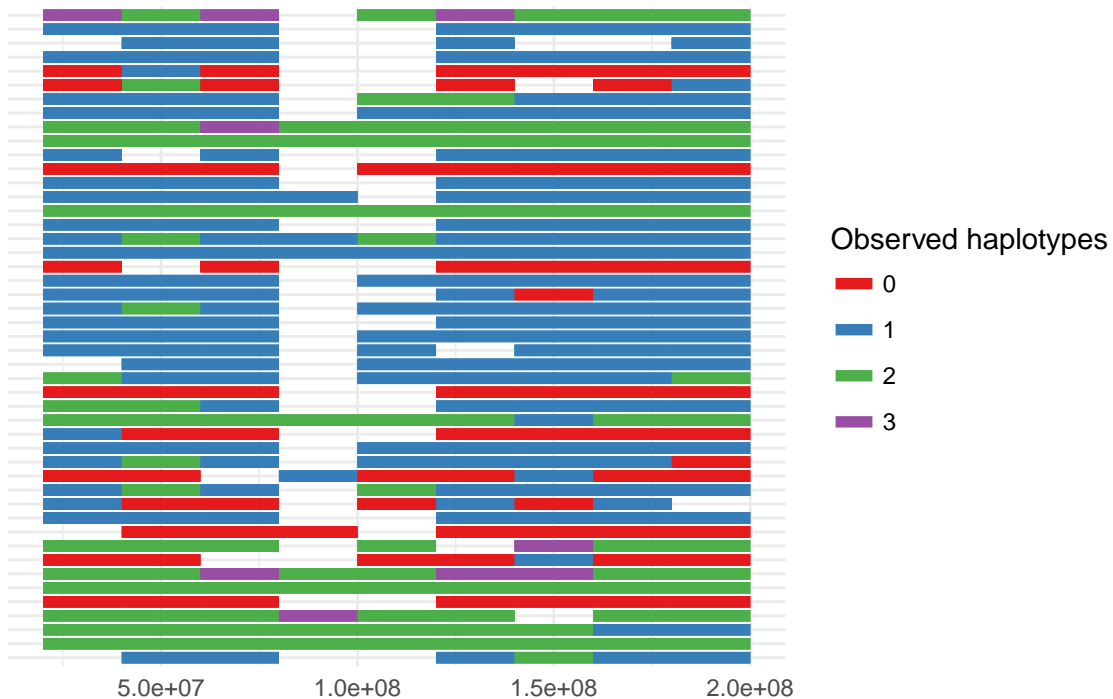
LBJ 4 HanXRQChr03 10MB window haplotypecount



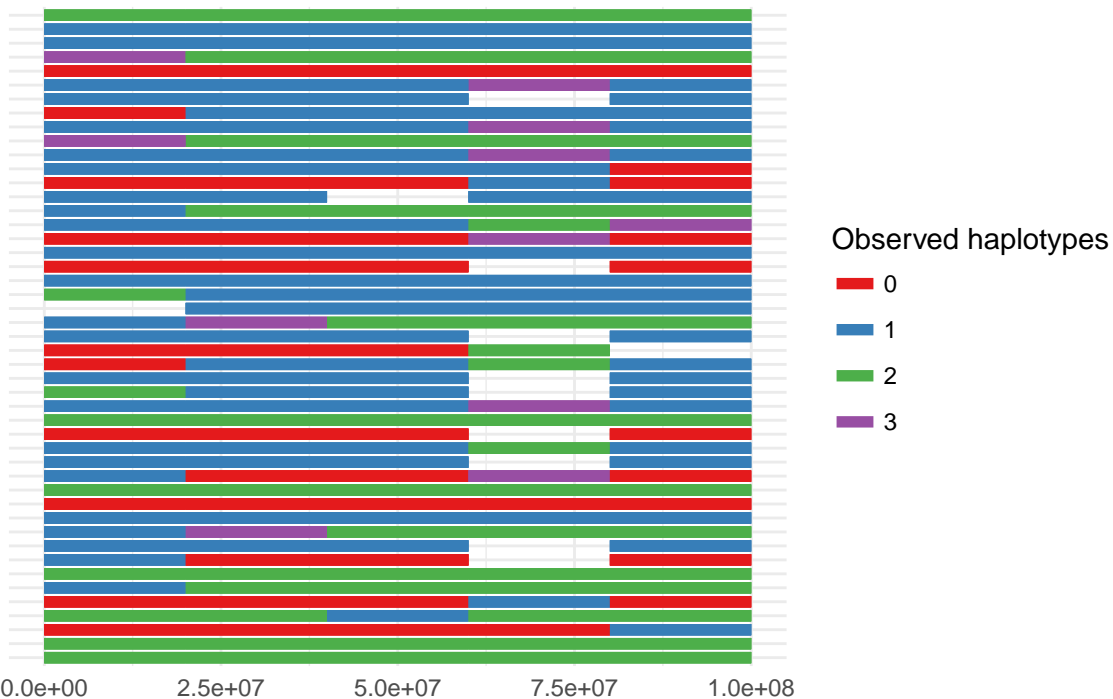
LBJ 4 HanXRQChr04 10MB window haplotypescount



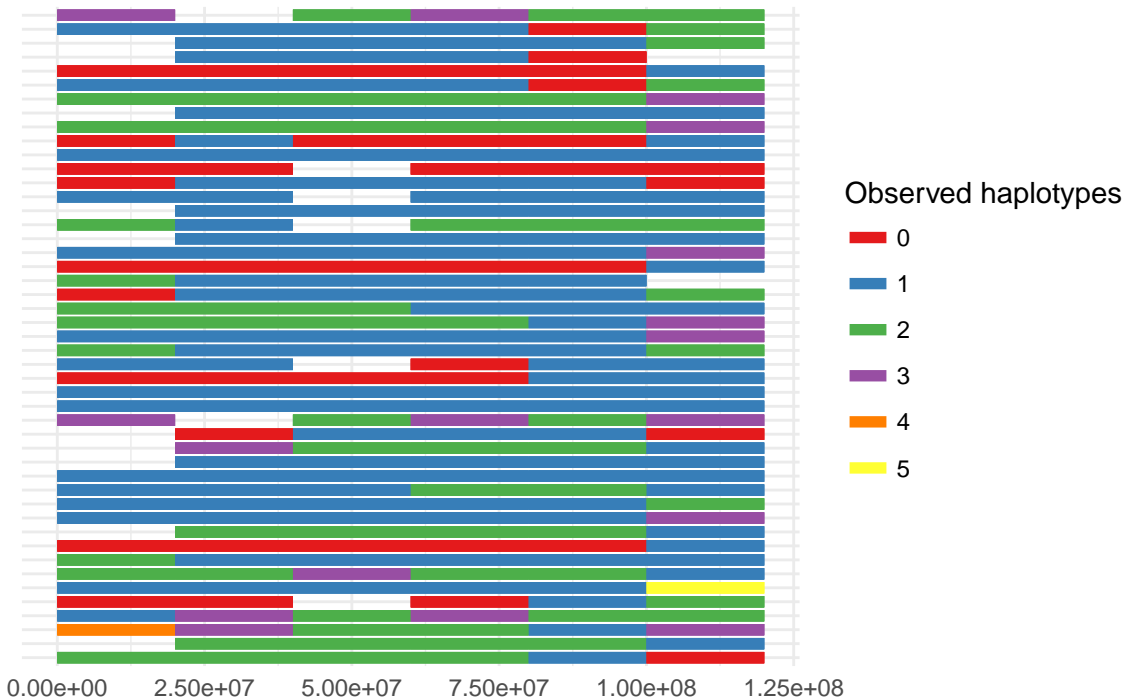
LBJ 4 HanXRQChr05 10MB window haplotypescount



LBJ 4 HanXRQChr06 10MB window haplotypecount



LBJ 4 HanXRQChr07 10MB window haplotypescount



LBJ 4 HanXRQChr08 10MB window haplotypescount

Observed haplotypes

0

1

2

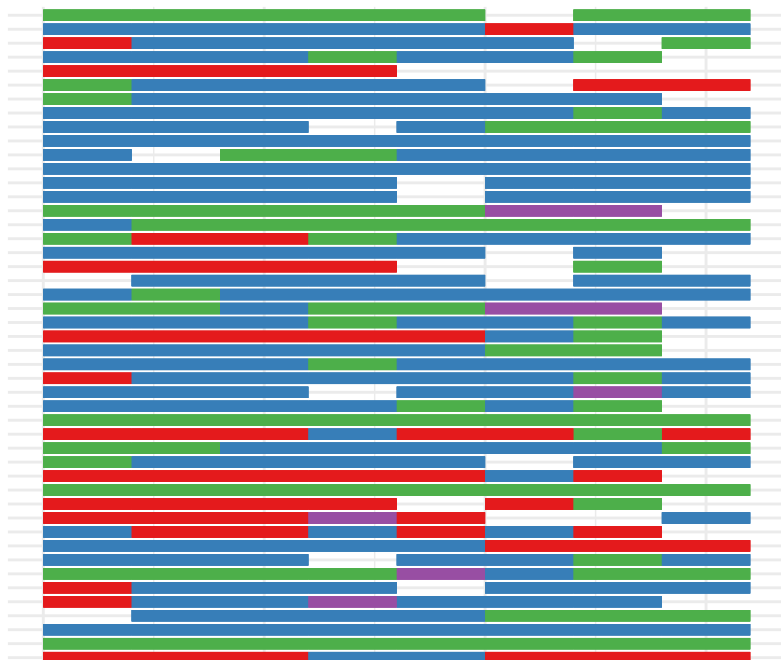
3

0.0e+00

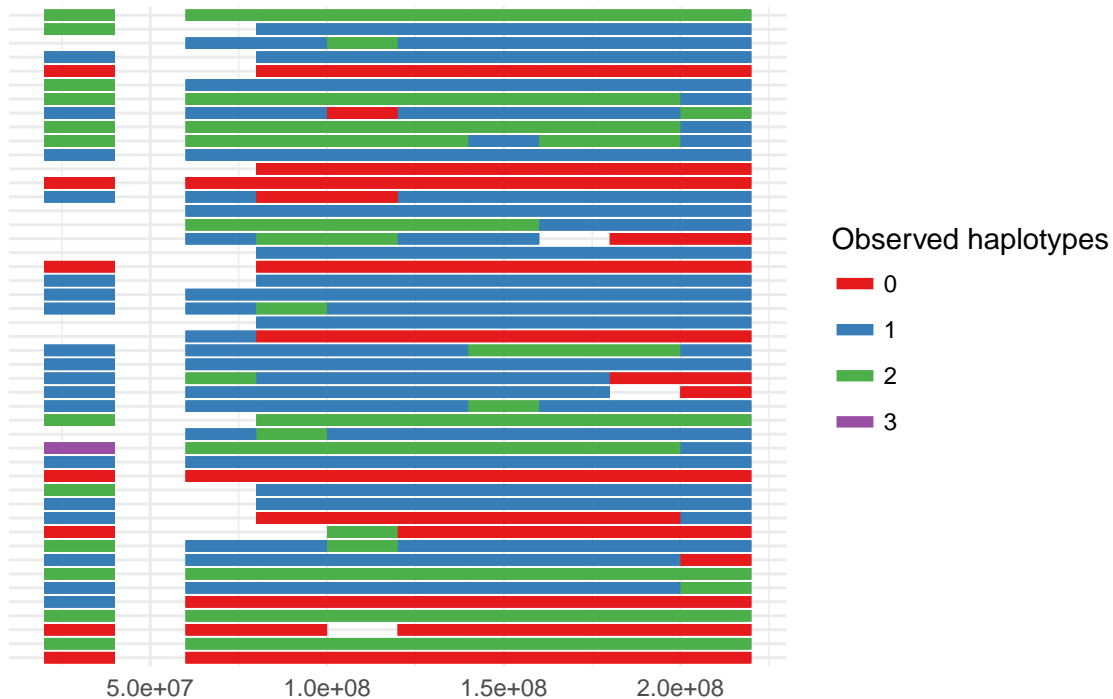
5.0e+07

1.0e+08

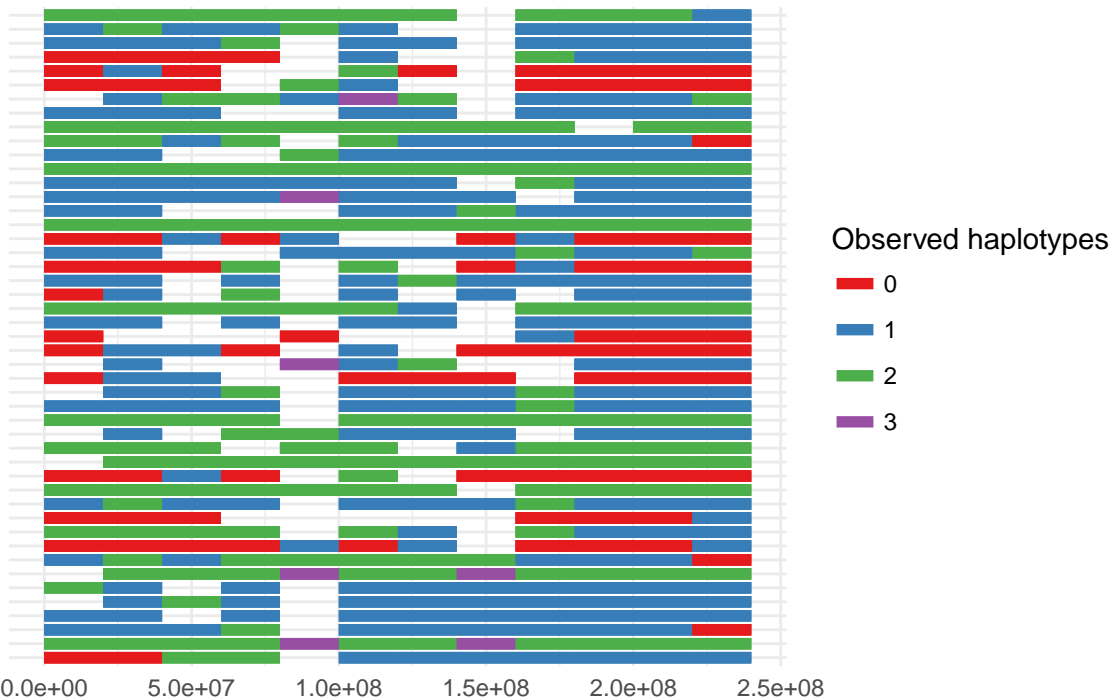
1.5e+08



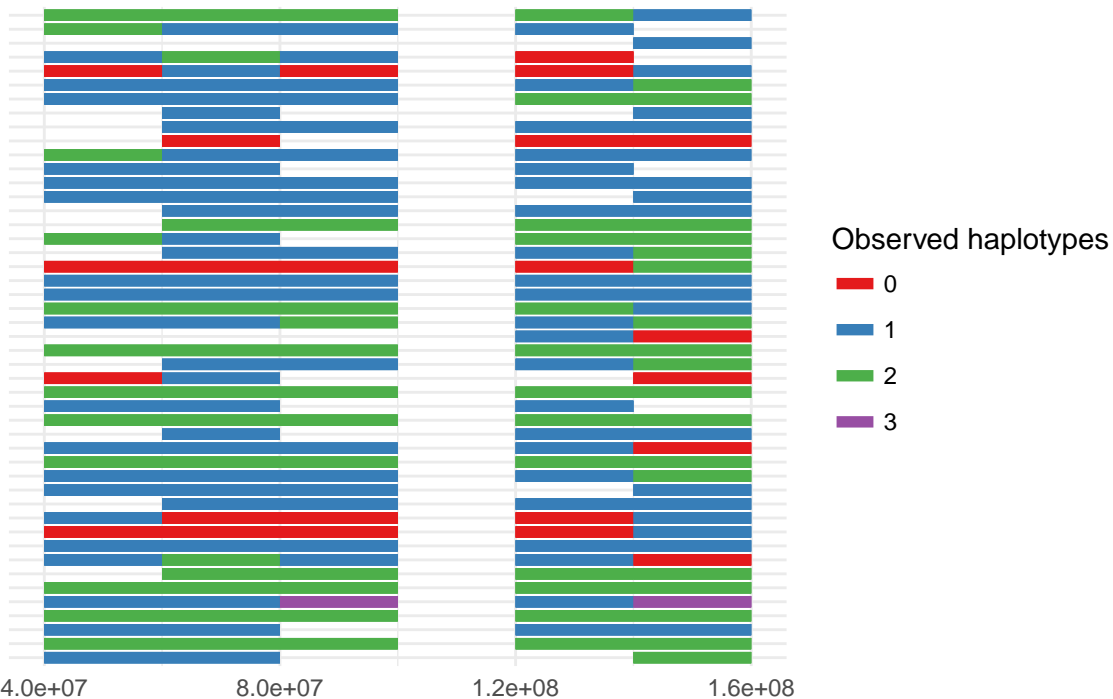
LBJ 4 HanXRQChr09 10MB window haplotypescount



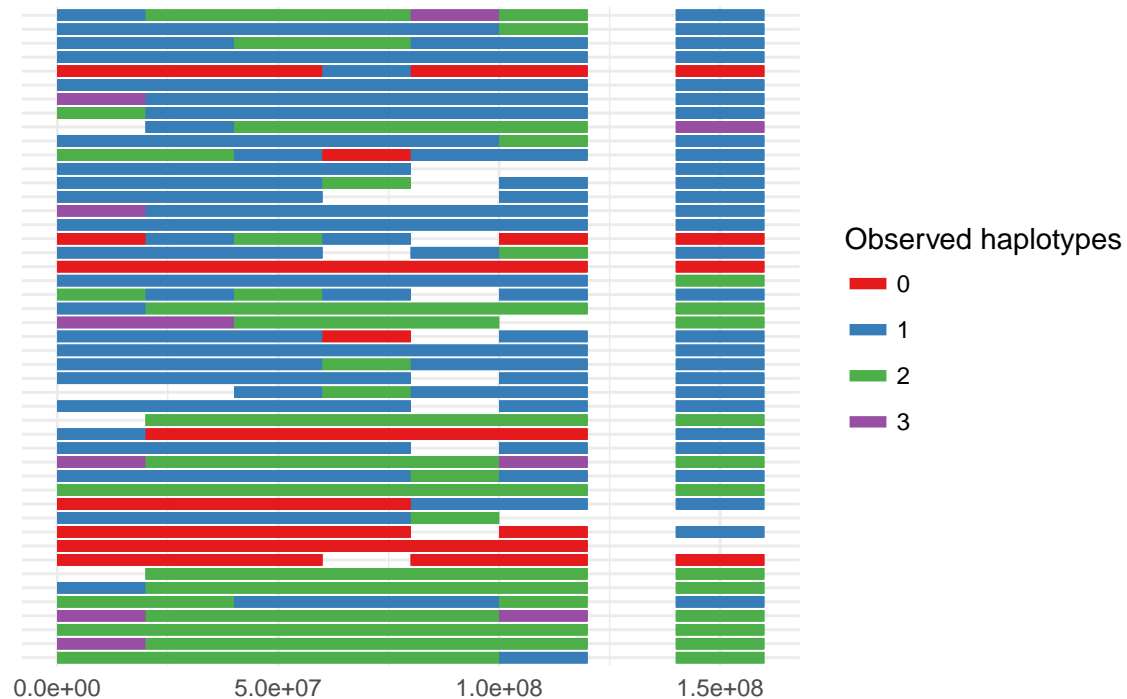
LBJ 4 HanXRQChr10 10MB window haplotypescount



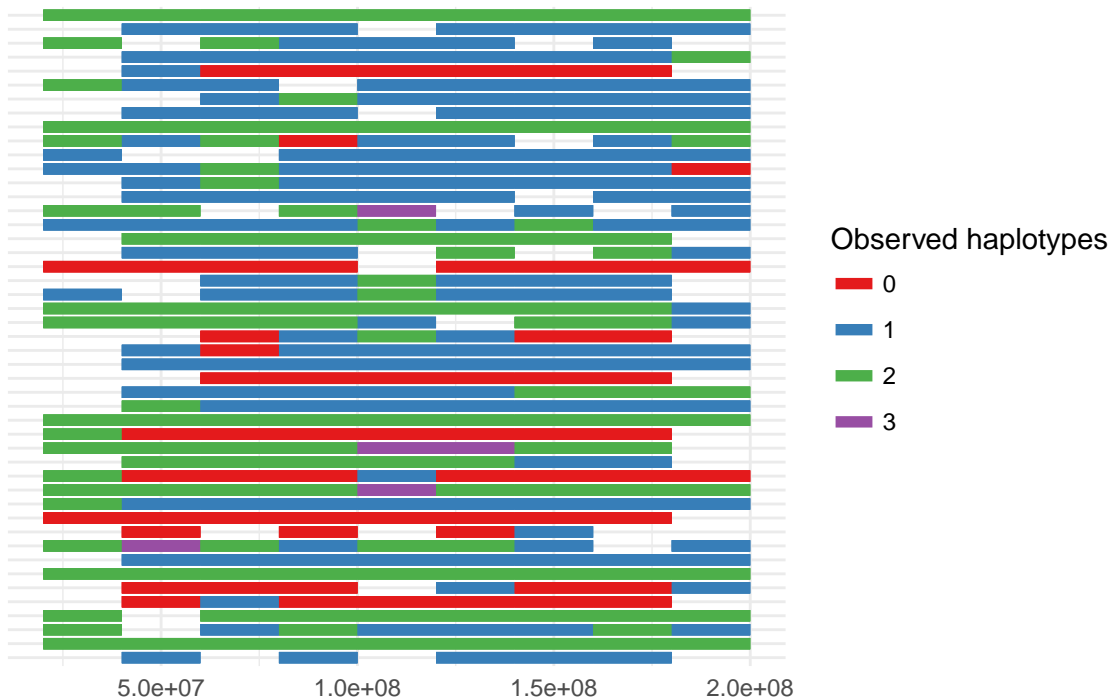
LBJ 4 HanXRQChr11 10MB window haplotypescount



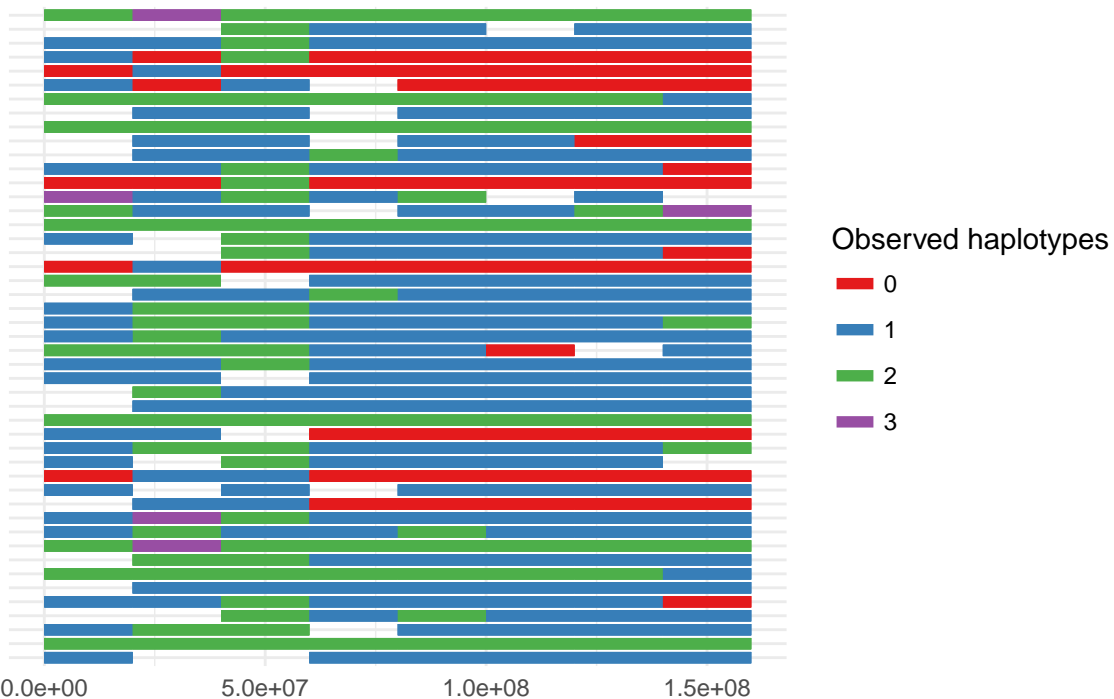
LBJ 4 HanXRQChr12 10MB window haplotypescount



LBJ 4 HanXRQChr13 10MB window haplotypecount



LBJ 4 HanXRQChr14 10MB window haplotypecount



LBJ 4 HanXRQChr15 10MB window haplotypecount

Observed haplotypes

0

1

2

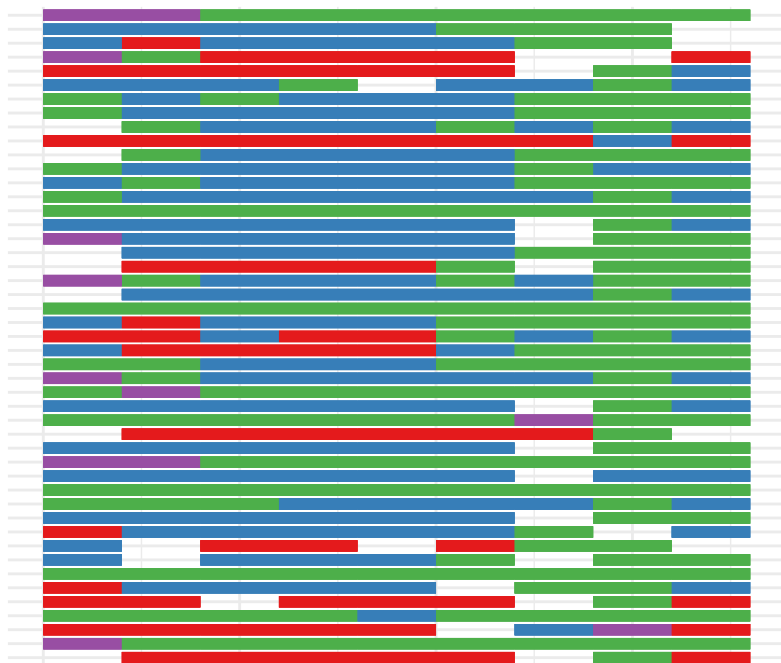
3

0.0e+00

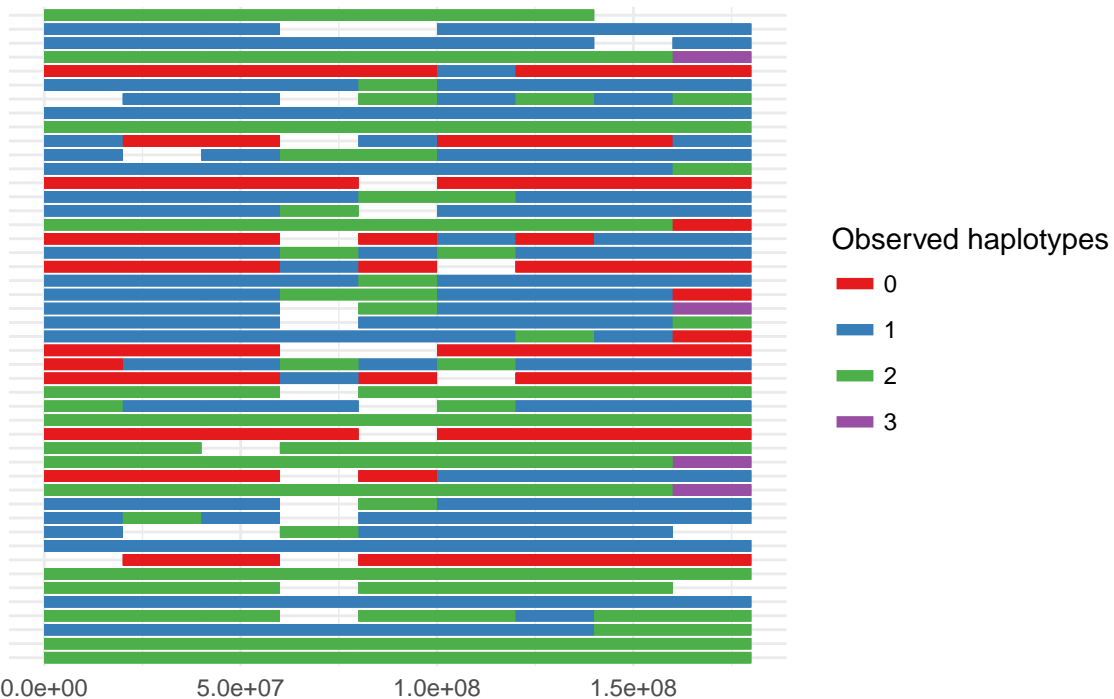
5.0e+07

1.0e+08

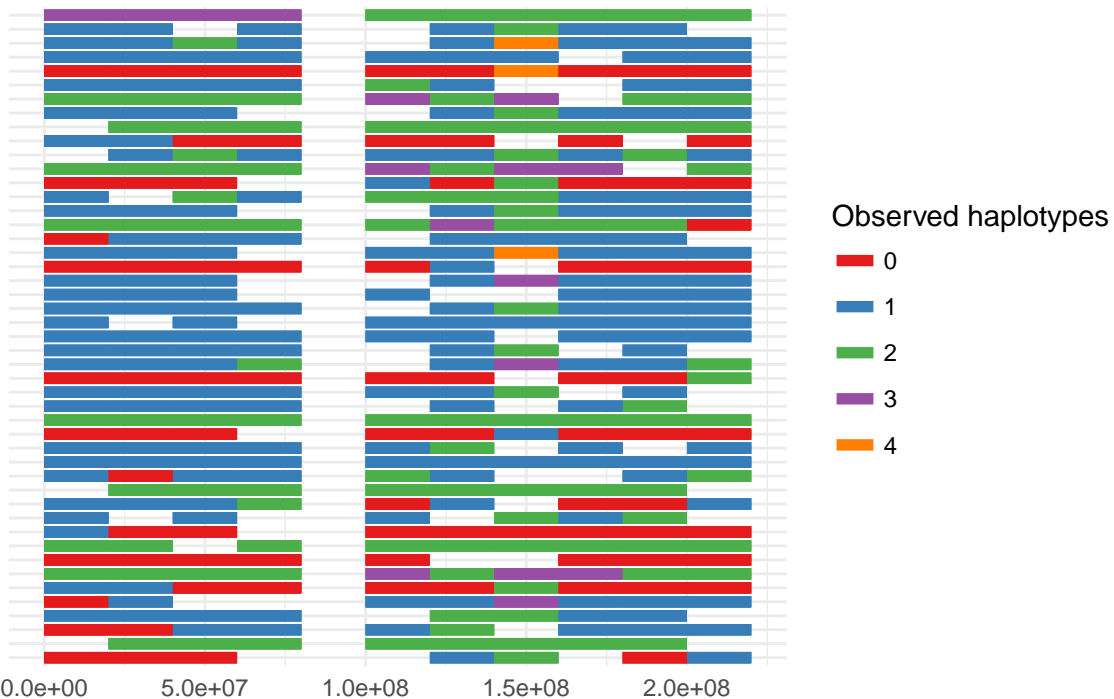
1.5e+08



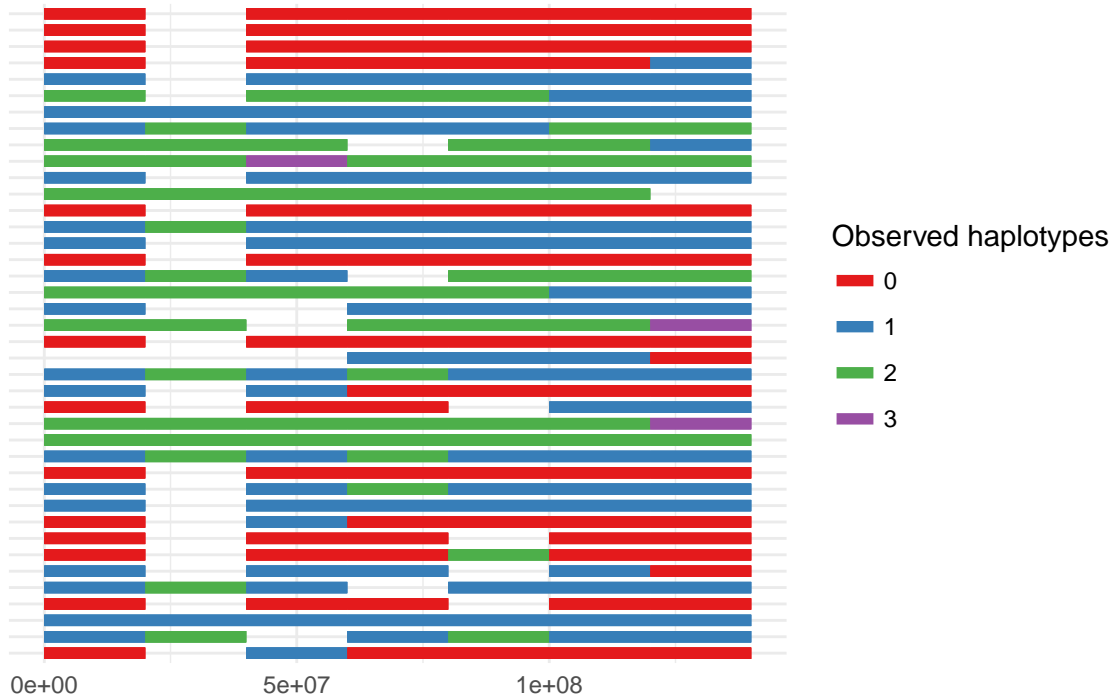
LBJ 4 HanXRQChr16 10MB window haplotypecount



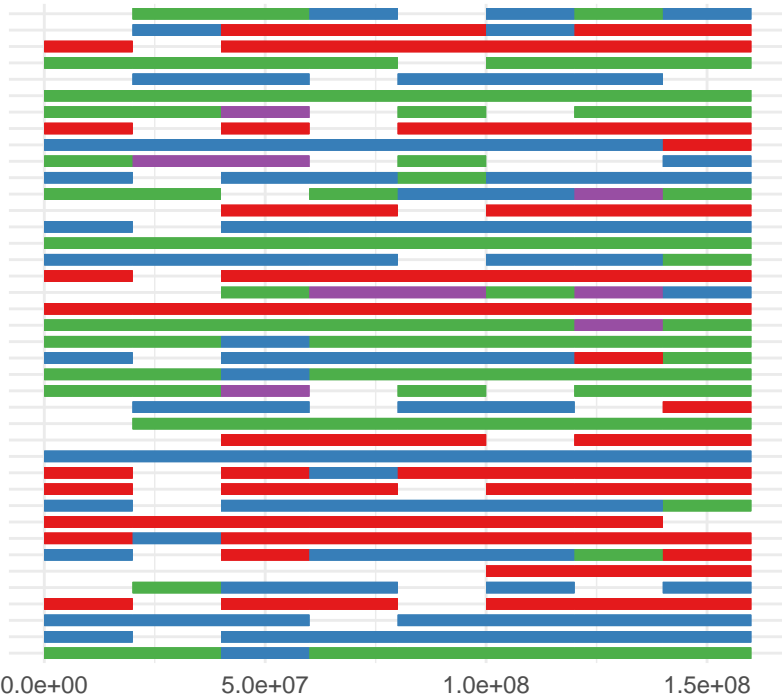
LBJ 4 HanXRQChr17 10MB window haplotypecount



LBJ 5 HanXRQChr01 10MB window haplotypecount



LBJ 5 HanXRQChr02 10MB window haplotypescount



Observed haplotypes

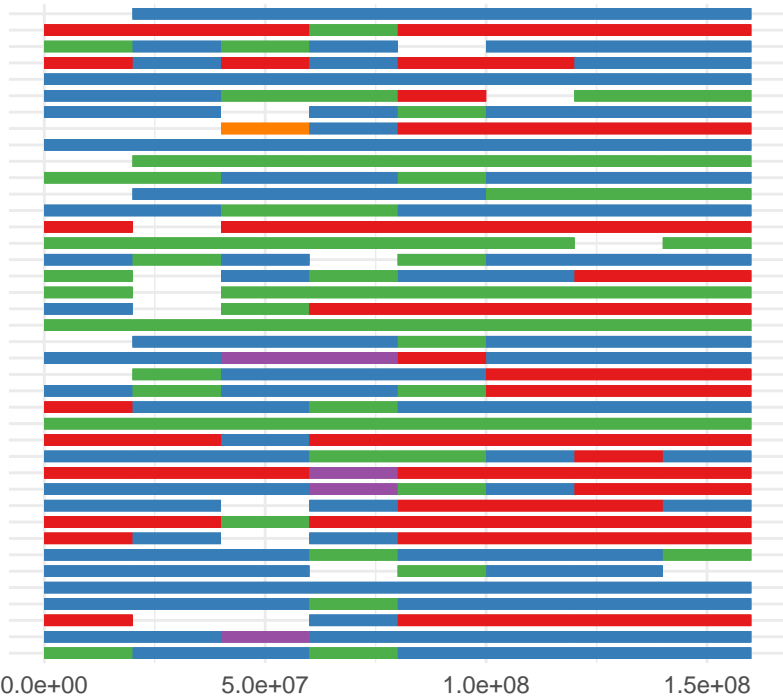
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1

2

3

LBJ 5 HanXRQChr03 10MB window haplotypescount



Observed haplotypes

0

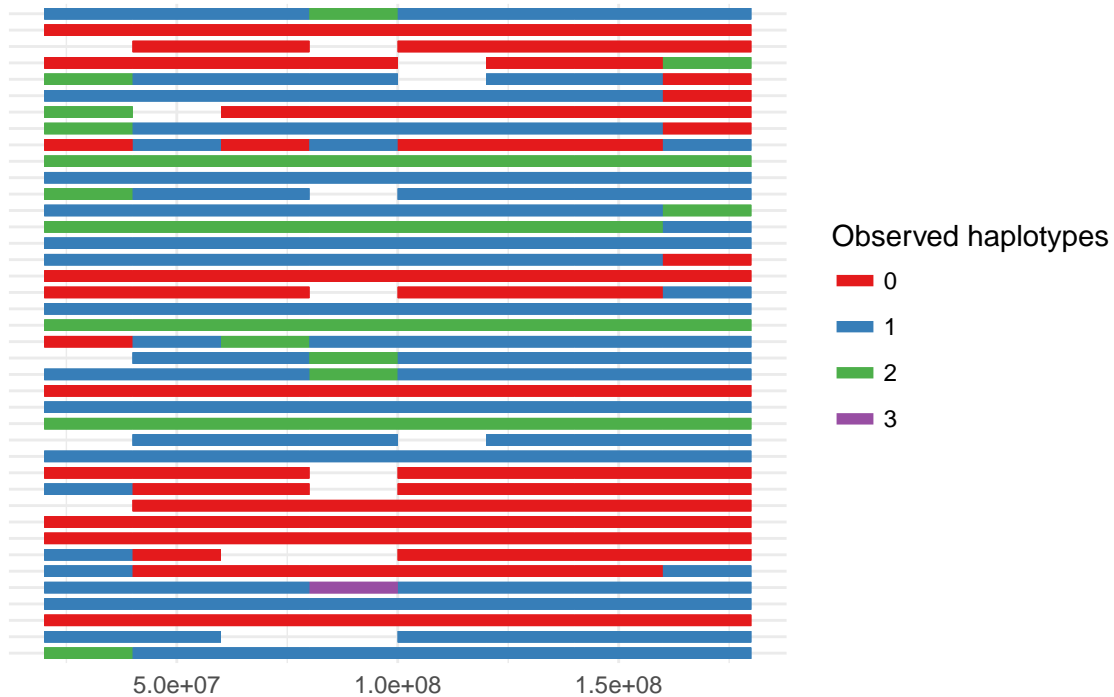
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2

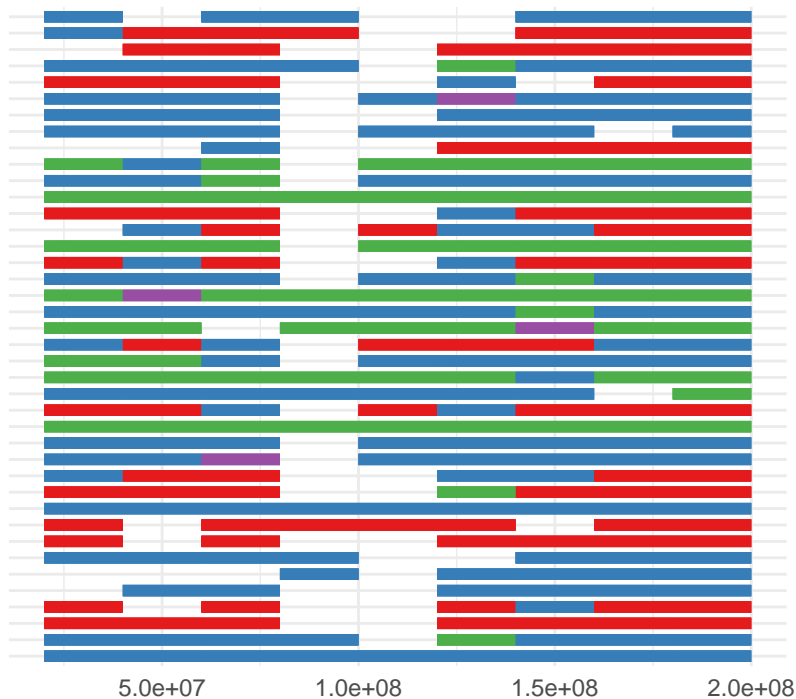
3

4

LBJ 5 HanXRQChr04 10MB window haplotypecount



LBJ 5 HanXRQChr05 10MB window haplotypescount



LBJ 5 HanXRQChr06 10MB window haplotypecount

Observed haplotypes

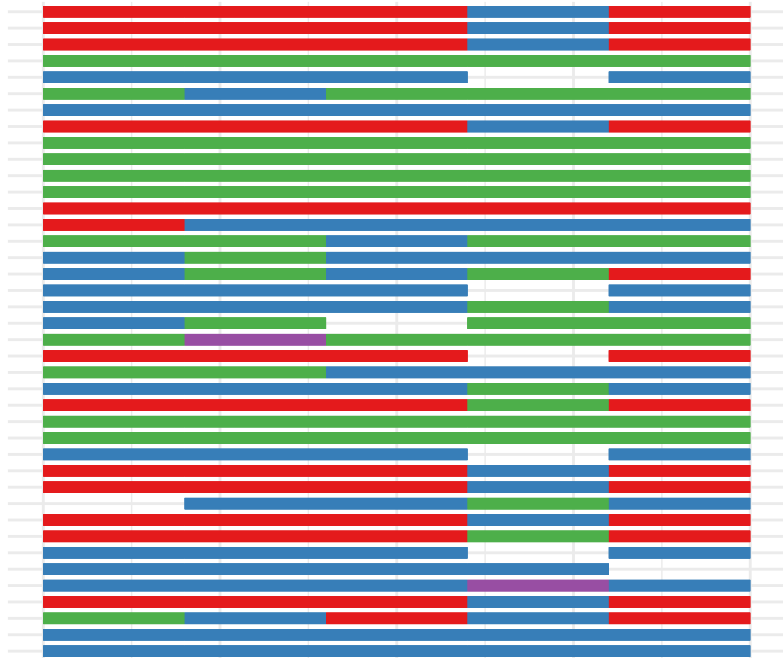
0

1

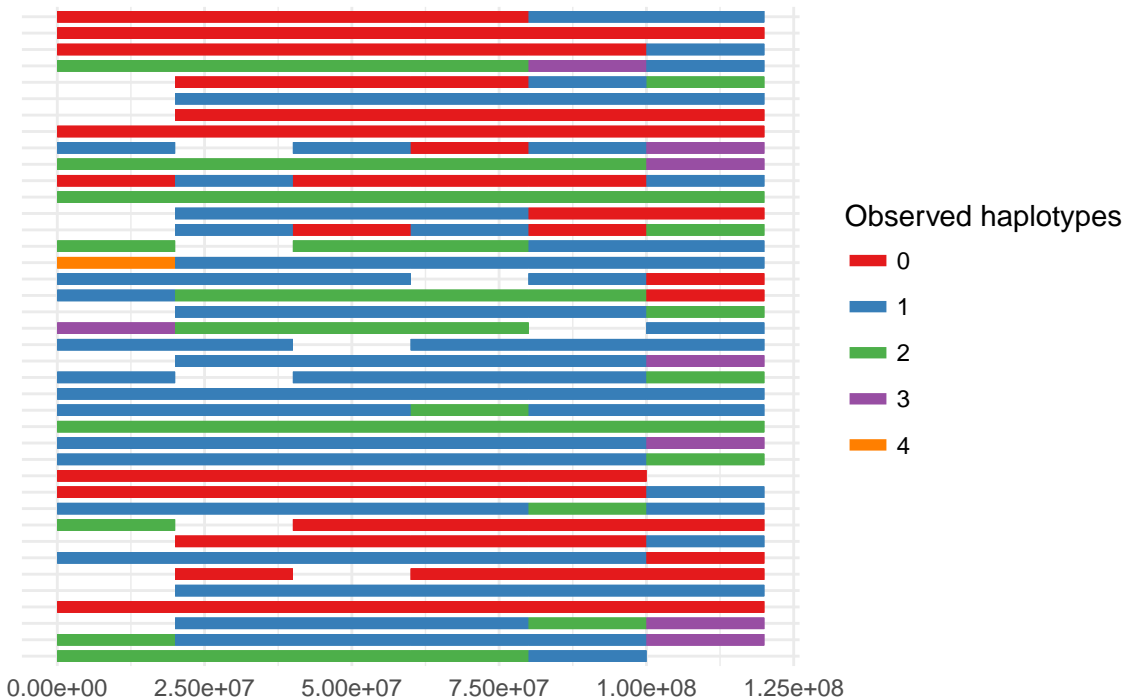
2

3

0.0e+00 2.5e+07 5.0e+07 7.5e+07 1.0e+08



LBJ 5 HanXRQChr07 10MB window haplotypescount



LBJ 5 HanXRQChr08 10MB window haplotypescount

Observed haplotypes

0

1

2

3

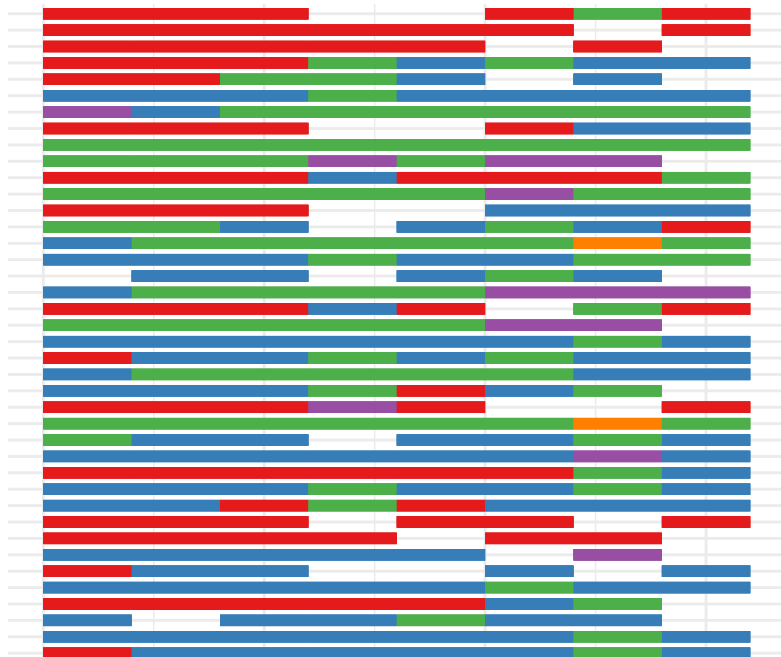
4

0.0e+00

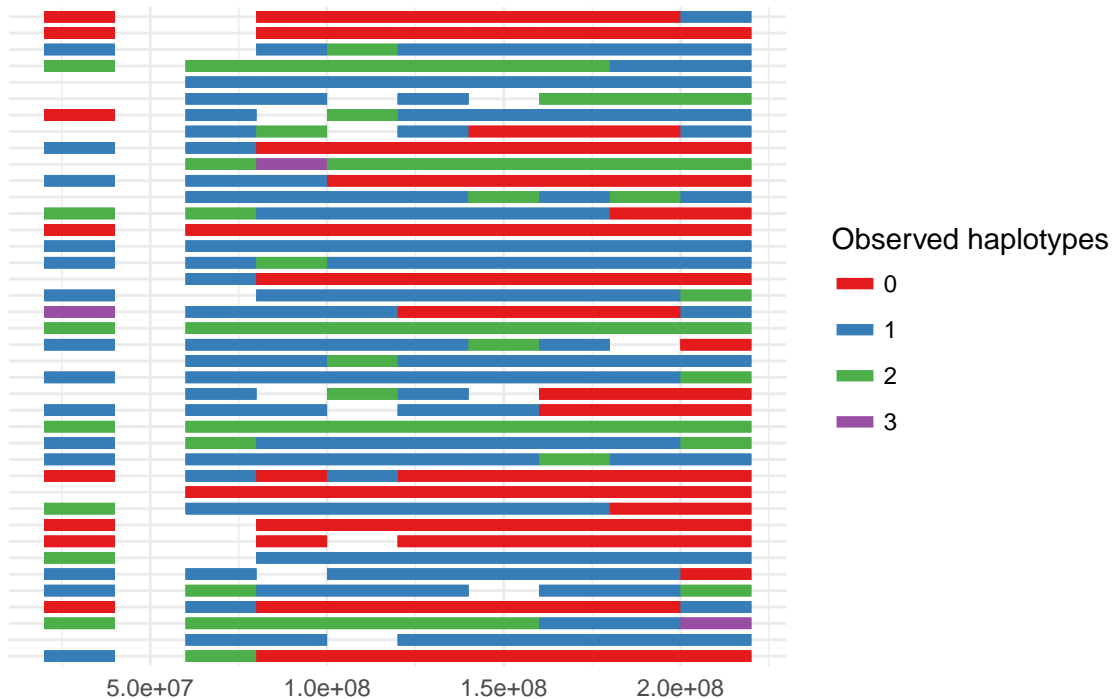
5.0e+07

1.0e+08

1.5e+08



LBJ 5 HanXRQChr09 10MB window haplotypescount



LBJ 5 HanXRQChr10 10MB window haplotypecount

Observed haplotypes

0

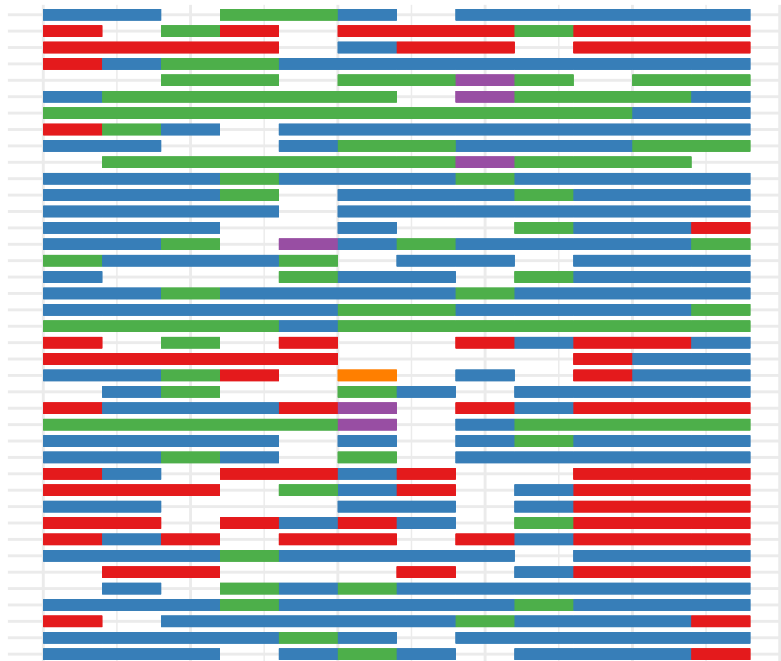
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2

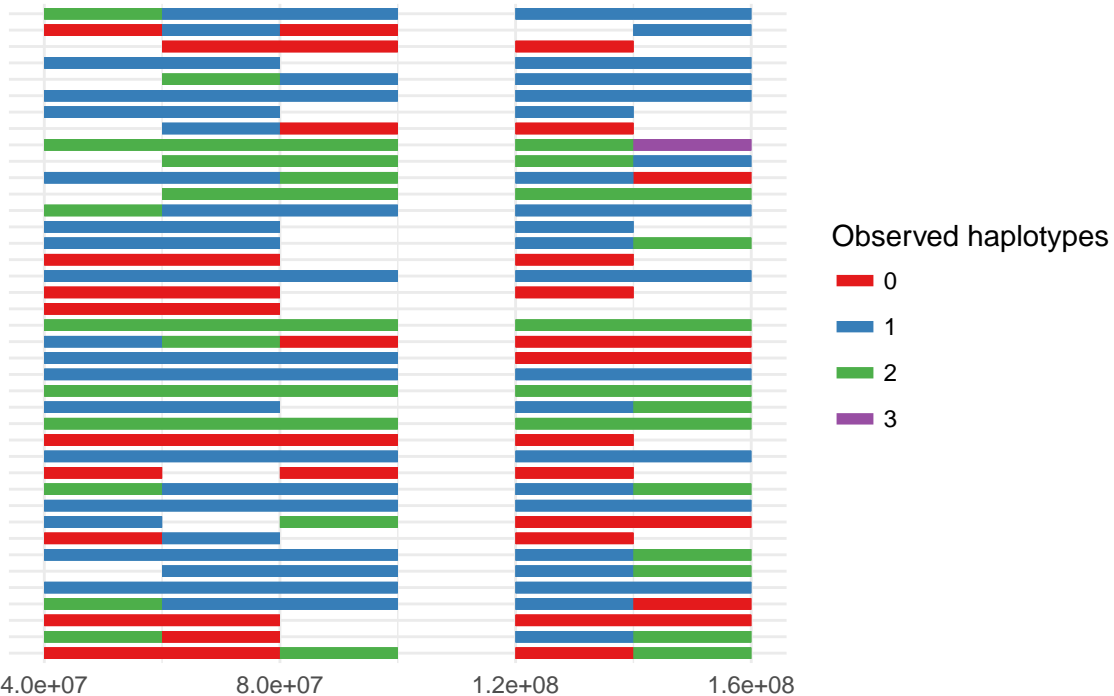
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4

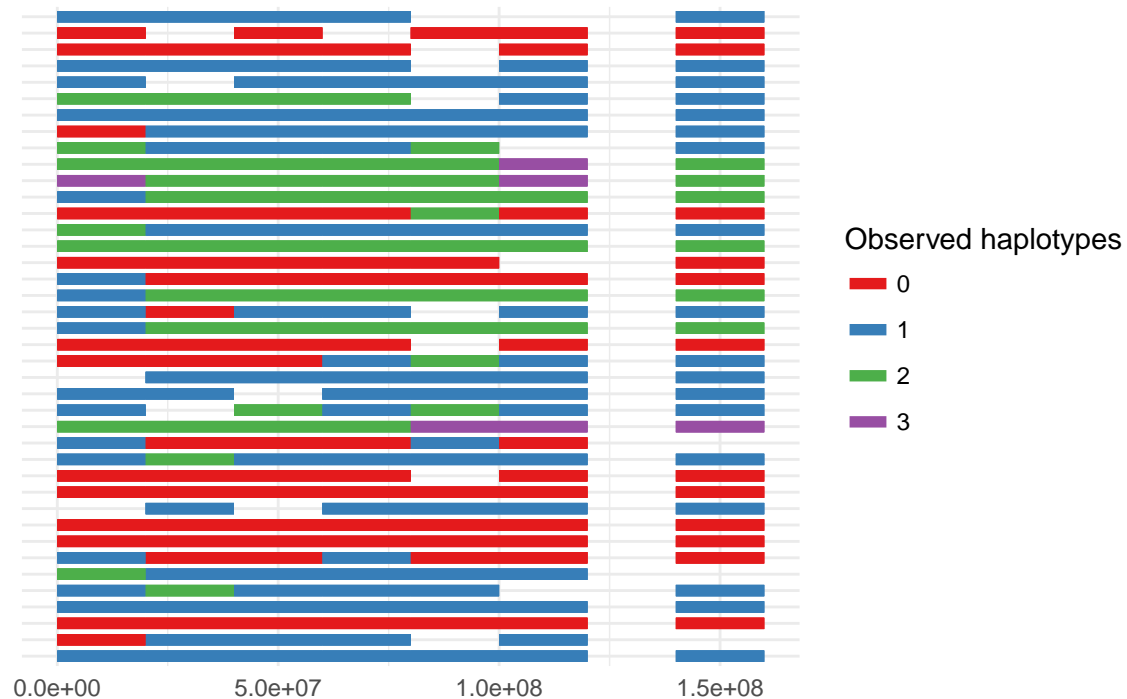
0.0e+00 5.0e+07 1.0e+08 1.5e+08 2.0e+08 2.5e+08



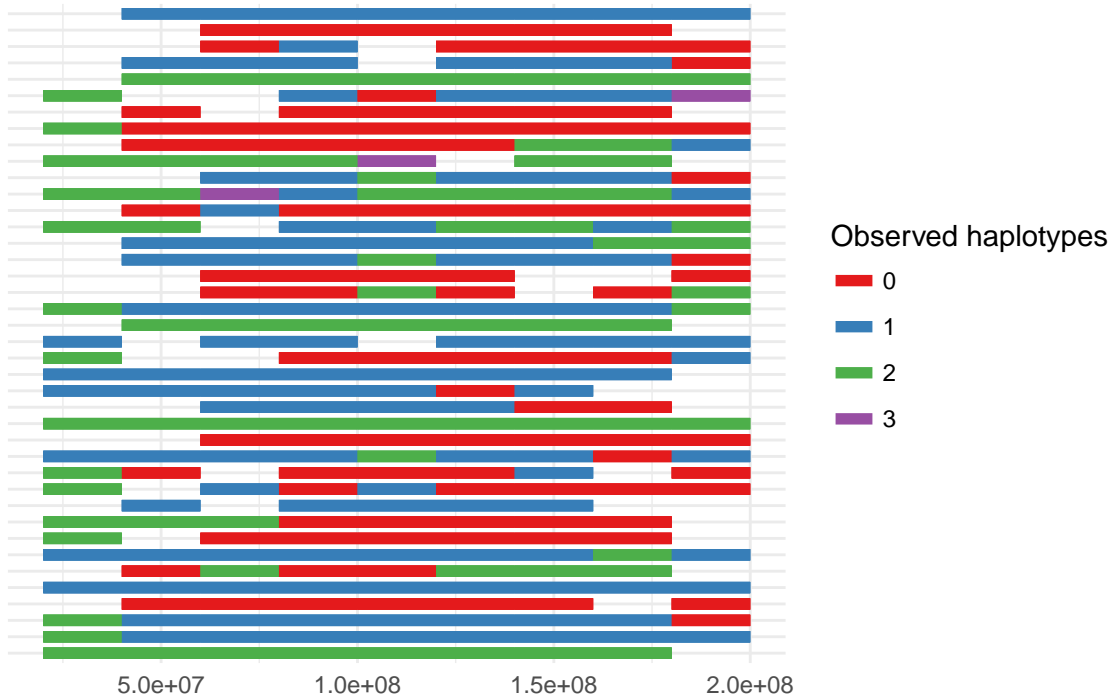
LBJ 5 HanXRQChr11 10MB window haplotypecount



LBJ 5 HanXRQChr12 10MB window haplotypescount



LBJ 5 HanXRQChr13 10MB window haplotypescount



LBJ 5 HanXRQChr15 10MB window haplotypescount

Observed haplotypes

0

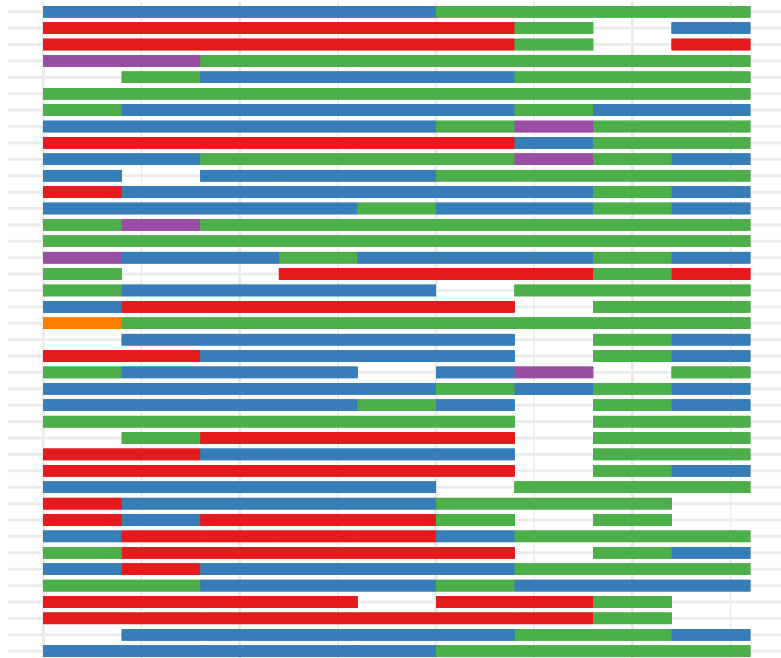
1

2

3

4

0.0e+00 5.0e+07 1.0e+08 1.5e+08



LBJ 5 HanXRQChr16 10MB window haplotypescount

Observed haplotypes

0

1

2

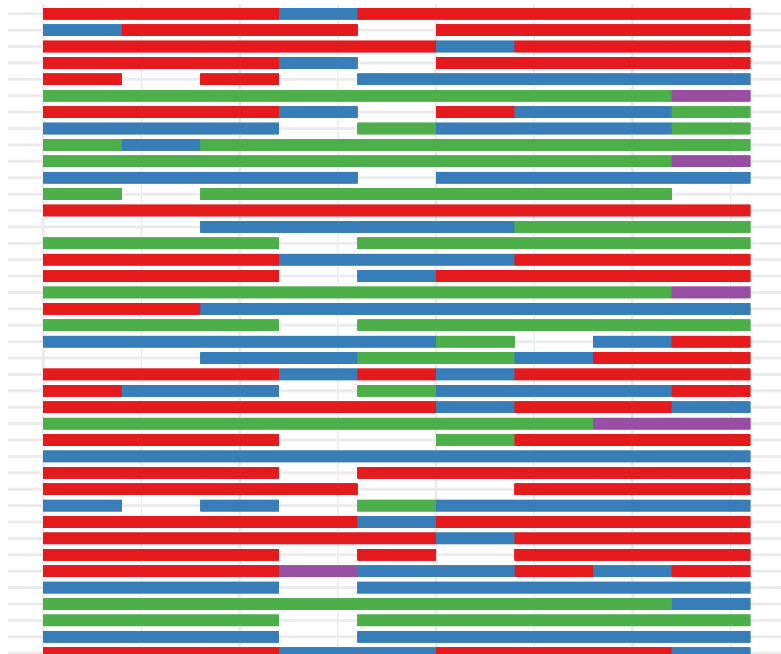
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0.0e+00

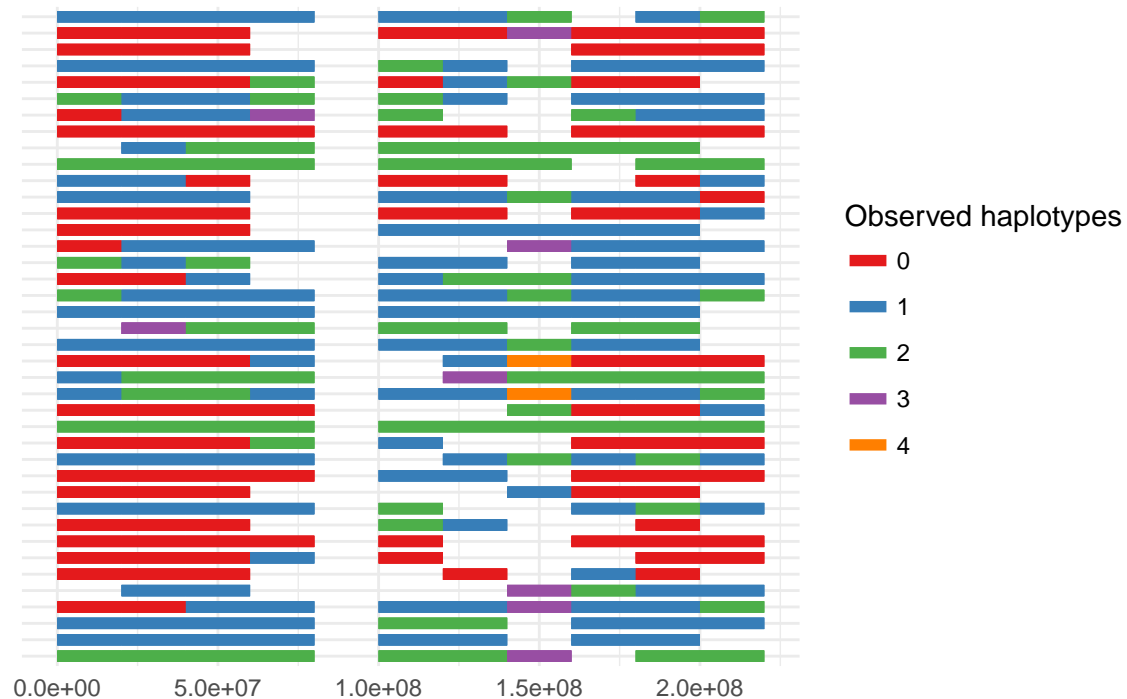
5.0e+07

1.0e+08

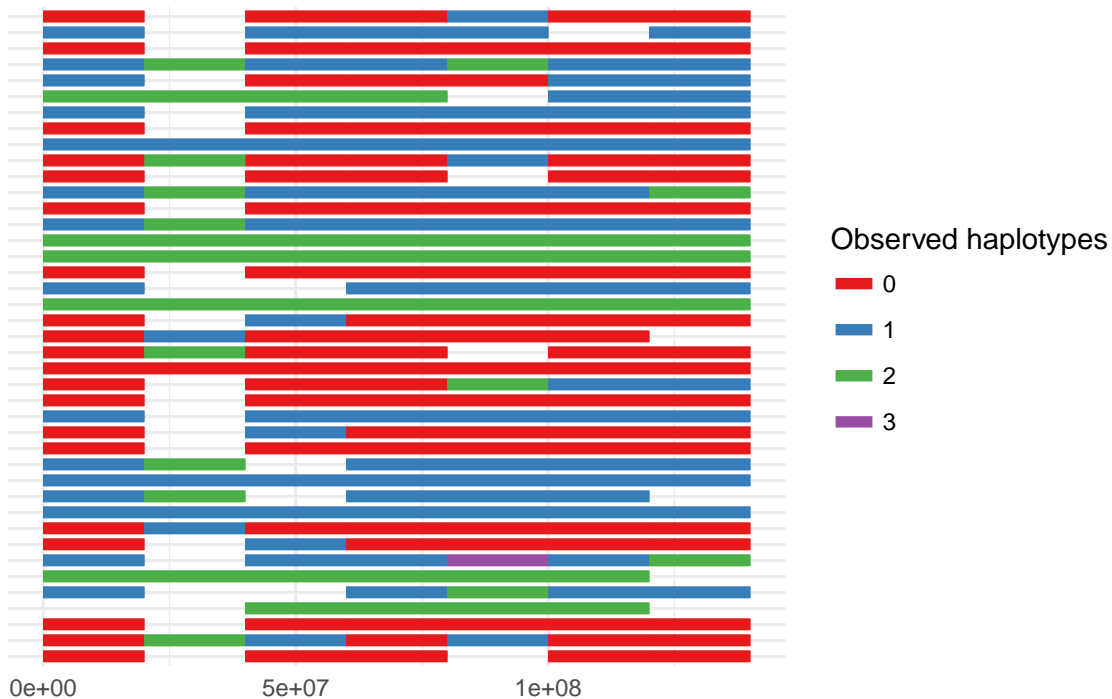
1.5e+08



LBJ 5 HanXRQChr17 10MB window haplotypescount



LBJ 6 HanXRQChr01 10MB window haplotypescount



LBJ 6 HanXRQChr02 10MB window haplotypescount

Observed haplotypes

0

1

2

3

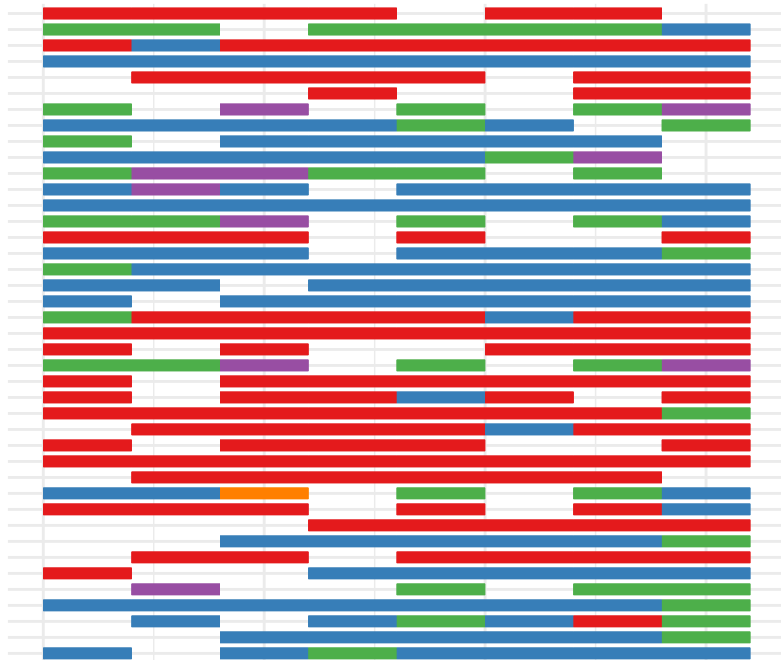
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0.0e+00

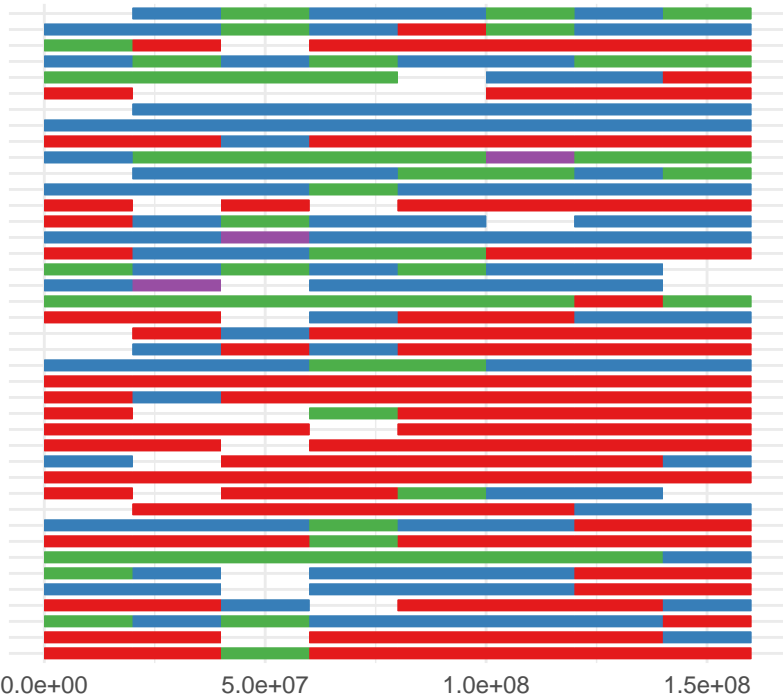
5.0e+07

1.0e+08

1.5e+08



LBJ 6 HanXRQChr03 10MB window haplotypescount



Observed haplotypes

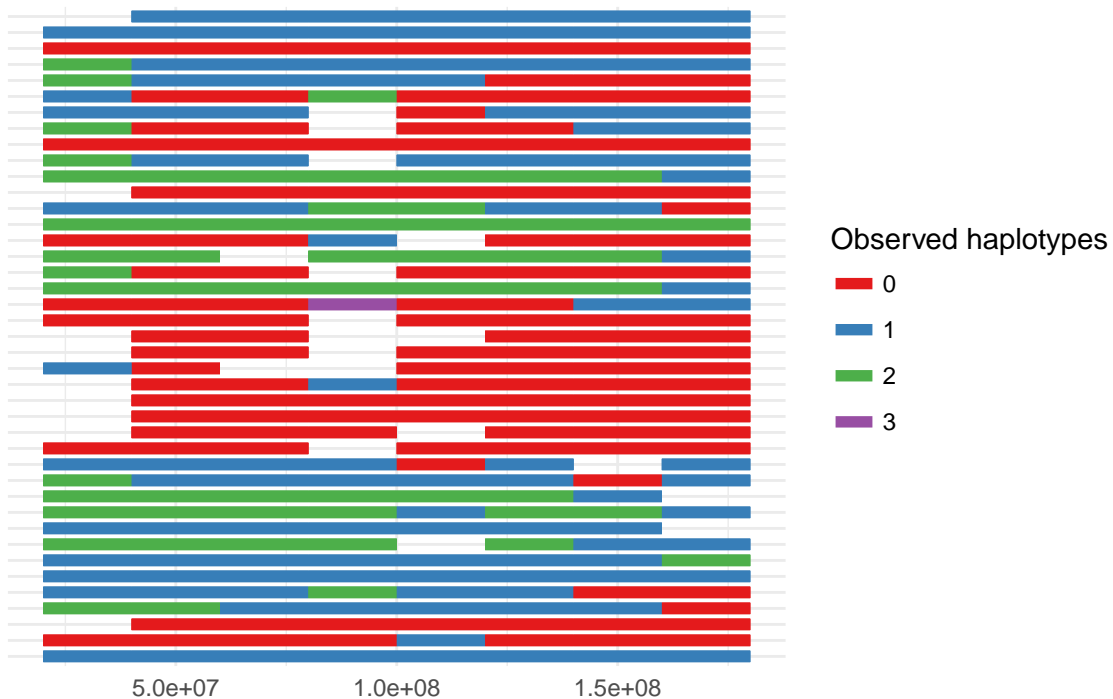
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1

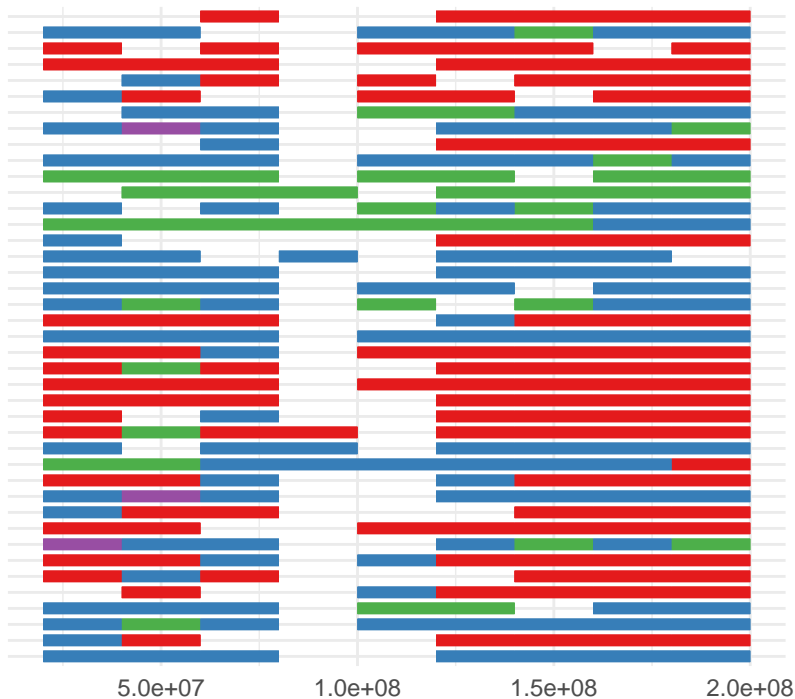
2

3

LBJ 6 HanXRQChr04 10MB window haplotypescount



LBJ 6 HanXRQChr05 10MB window haplotypcount



LBJ 6 HanXRQChr06 10MB window haplotypecount

Observed haplotypes

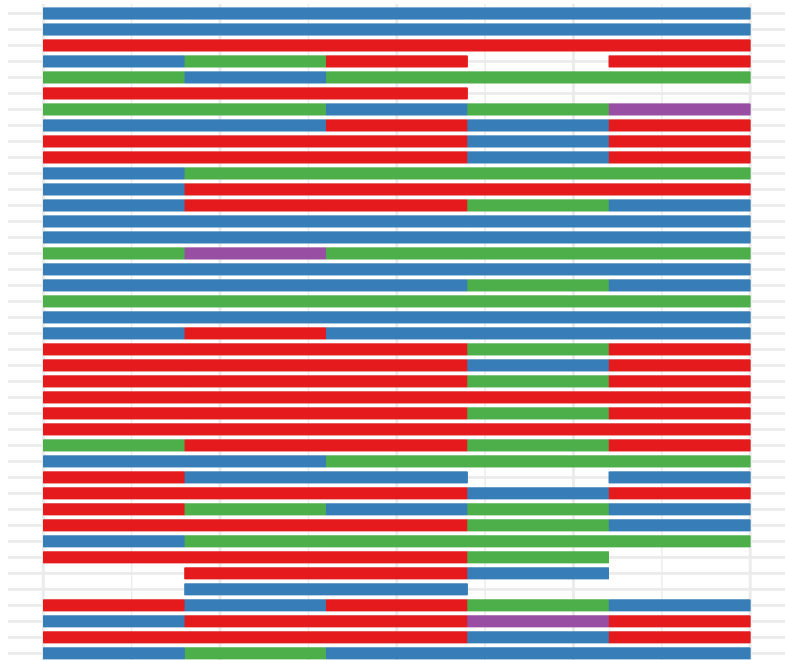
0

1

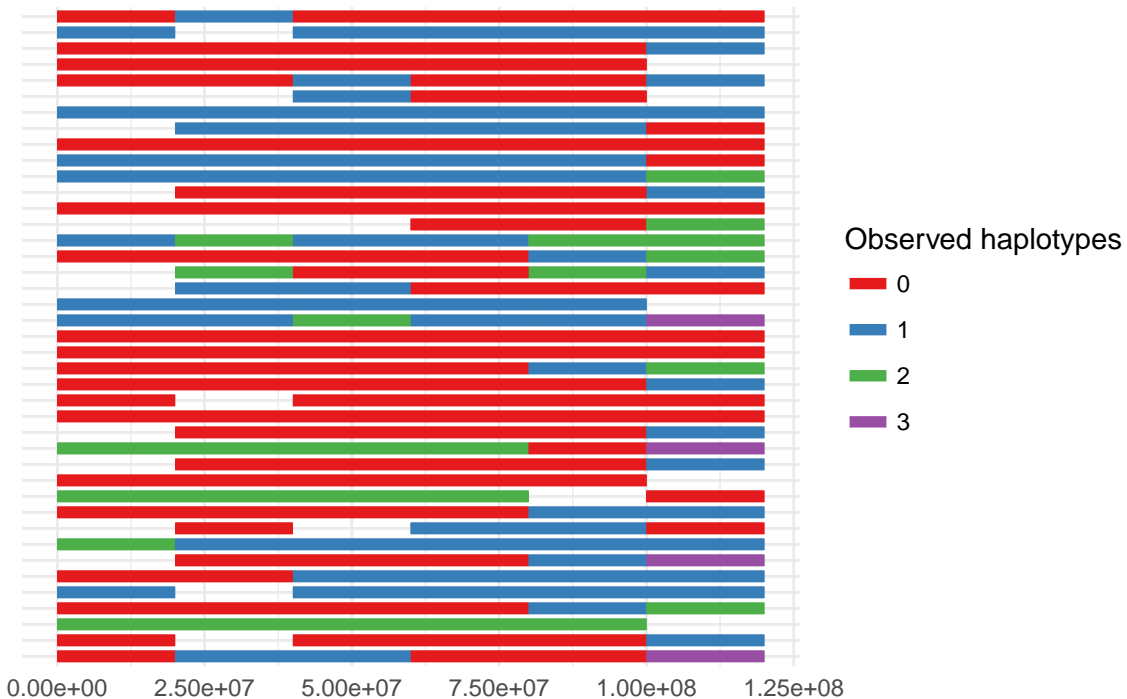
2

3

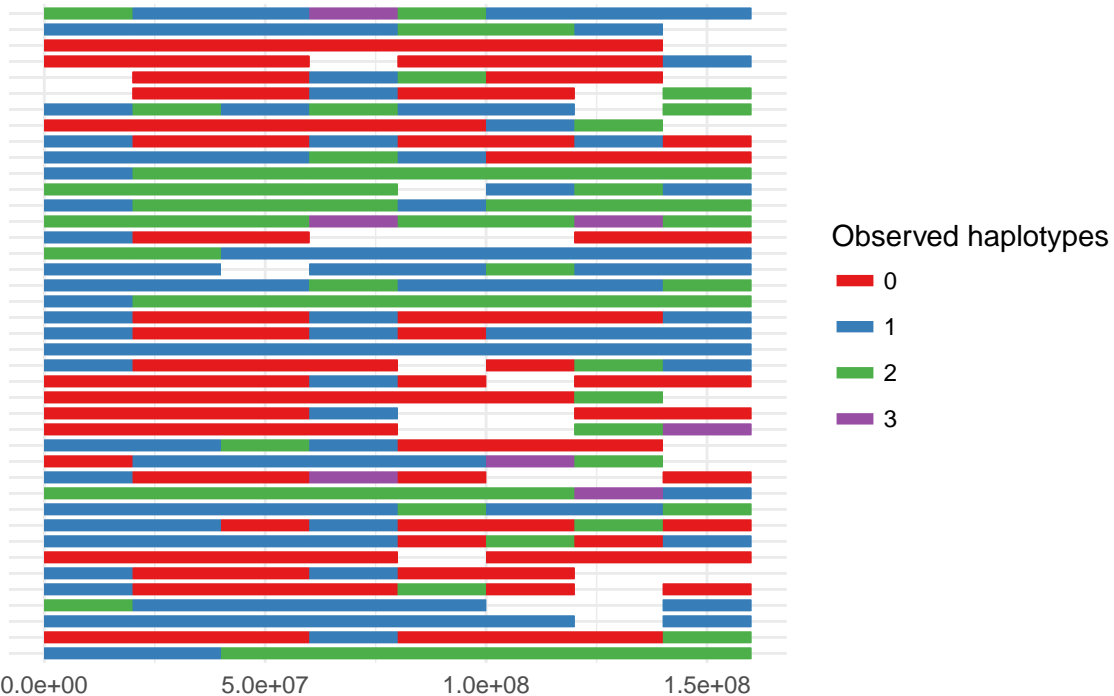
0.0e+00 2.5e+07 5.0e+07 7.5e+07 1.0e+08



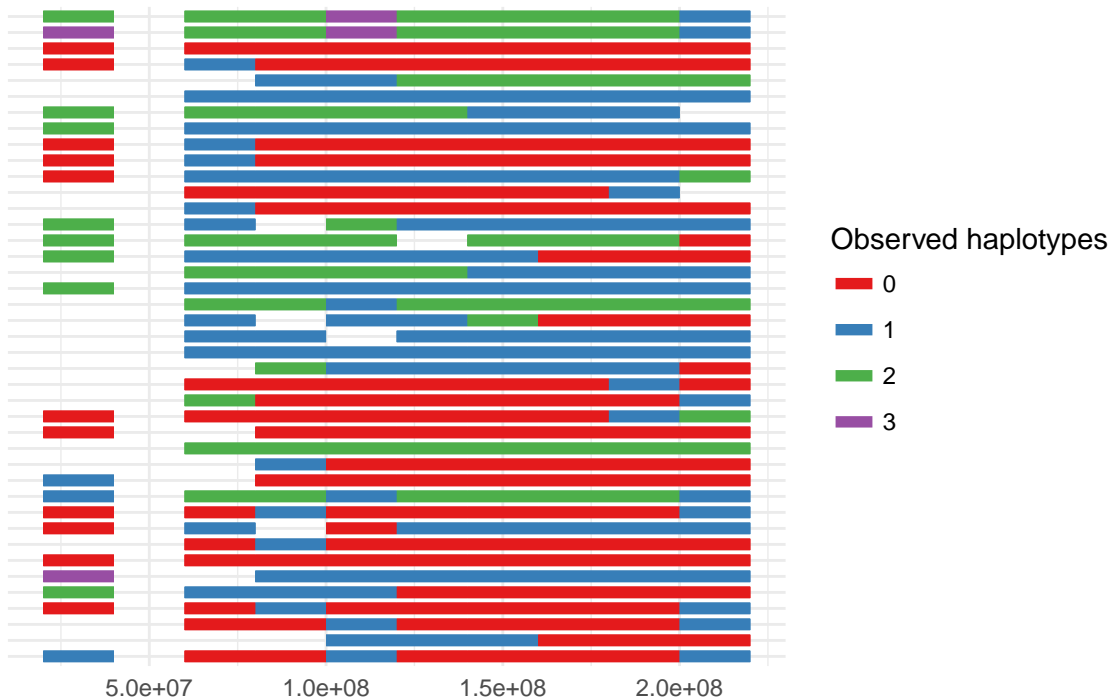
LBJ 6 HanXRQChr07 10MB window haplotypecount



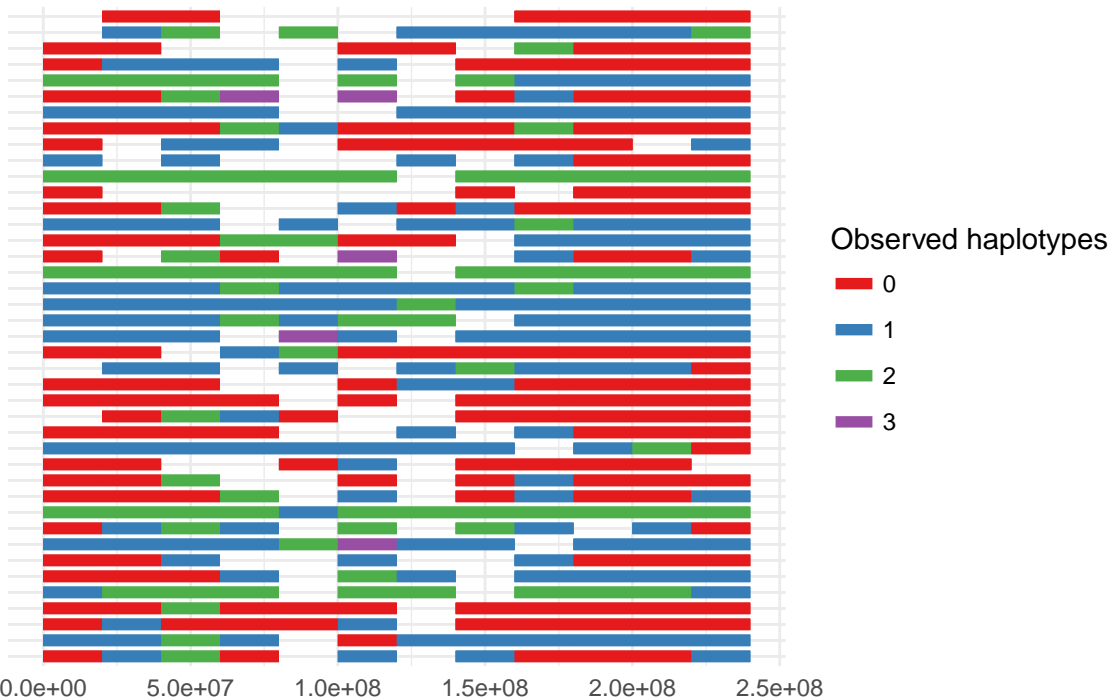
LBJ 6 HanXRQChr08 10MB window haplotypescount



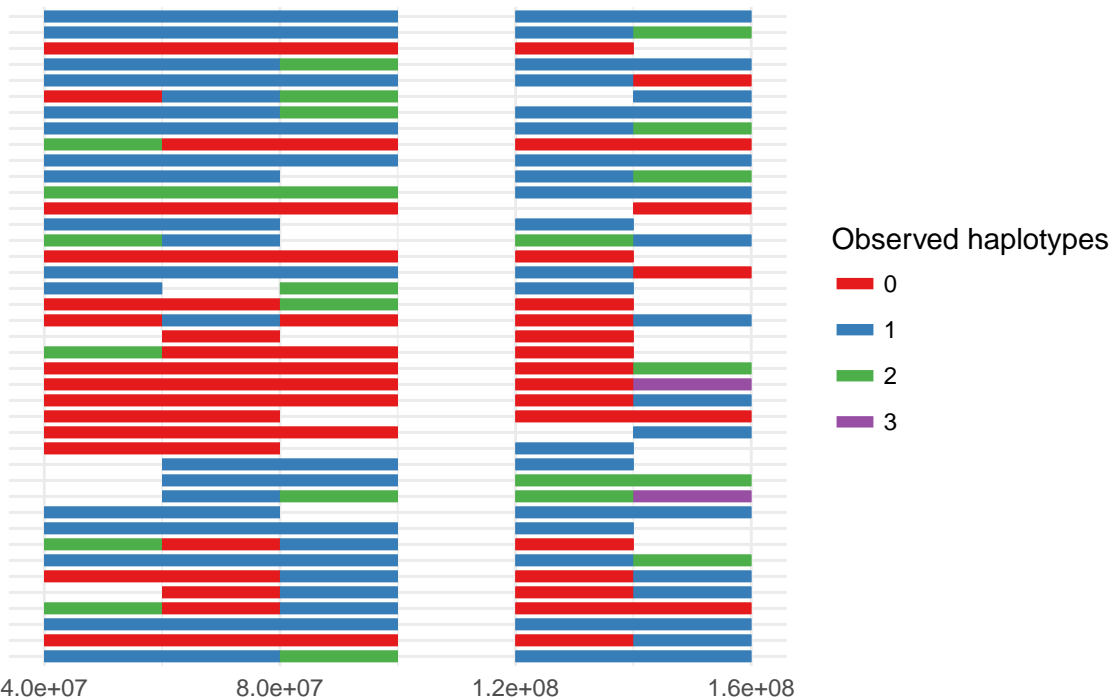
LBJ 6 HanXRQChr09 10MB window haplotypescount



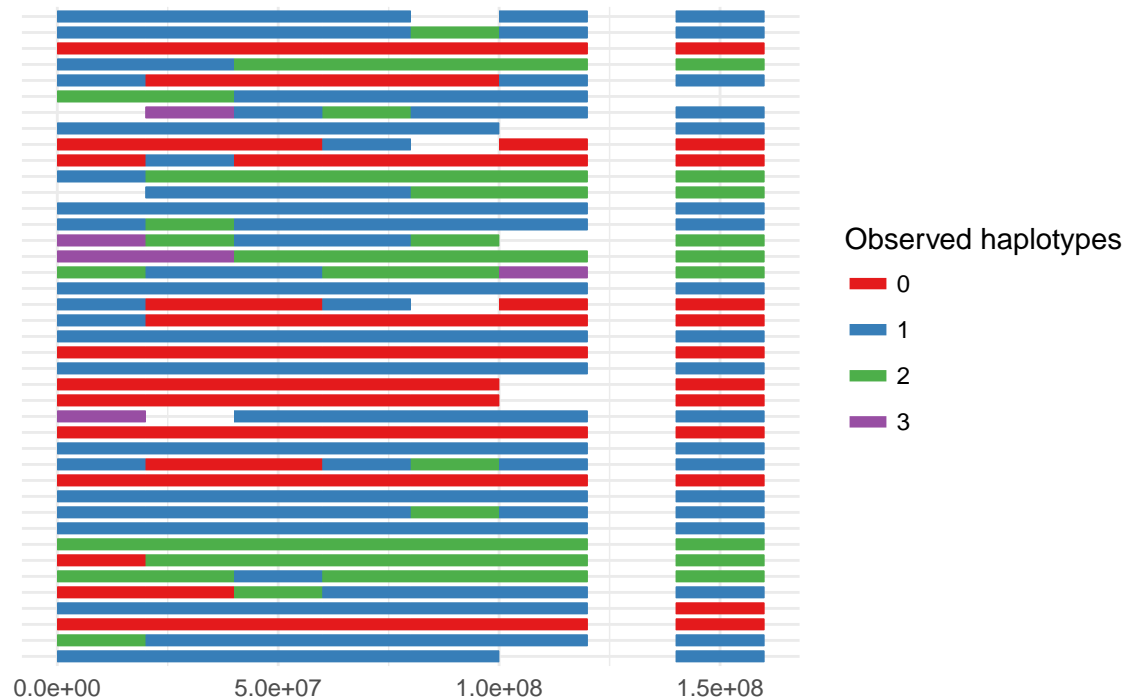
LBJ 6 HanXRQChr10 10MB window haplotypescount



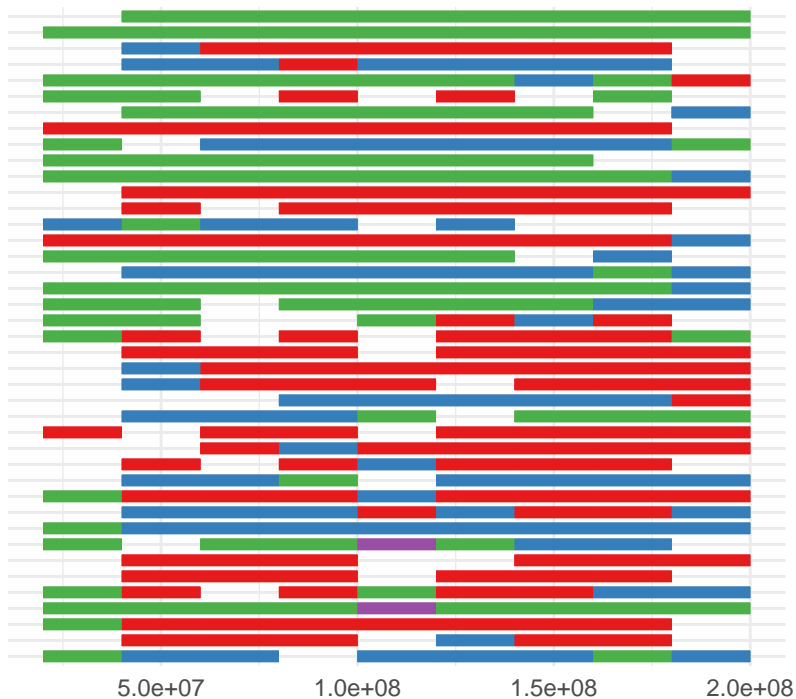
LBJ 6 HanXRQChr11 10MB window haplotypecount



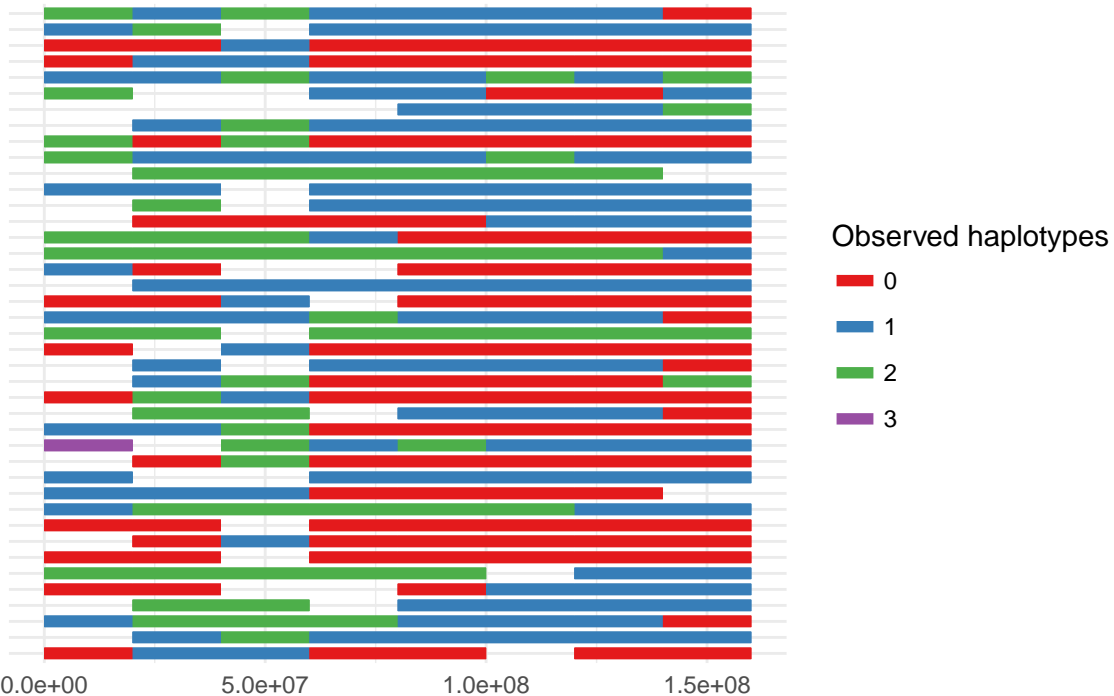
LBJ 6 HanXRQChr12 10MB window haplotypescount



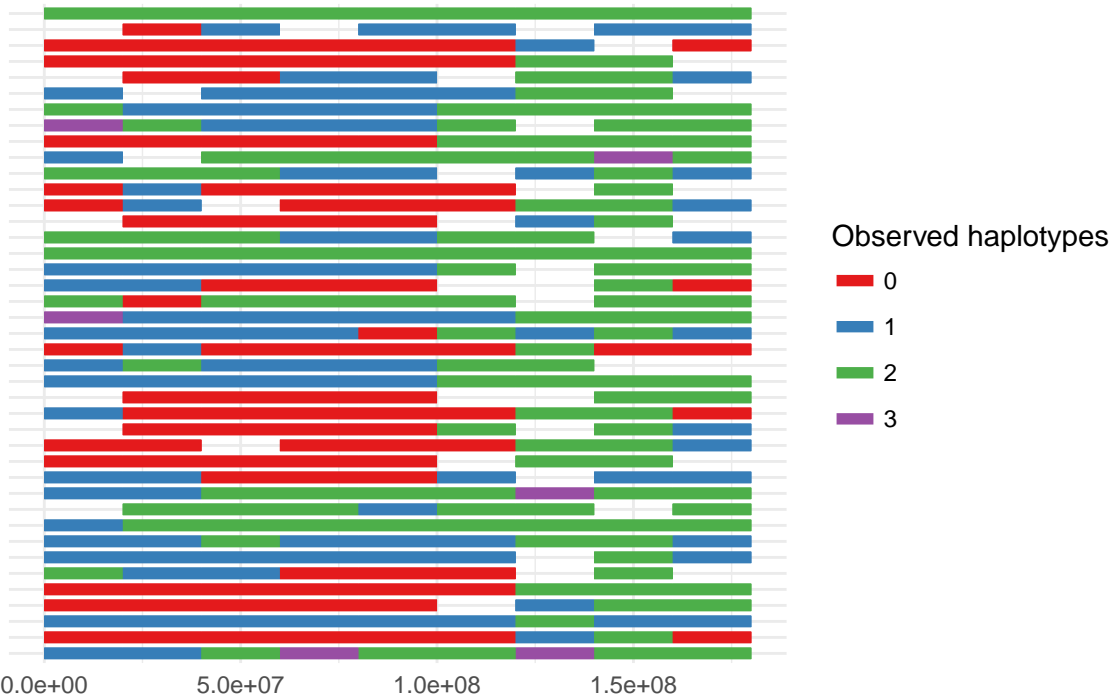
LBJ 6 HanXRQChr13 10MB window haplotypescount



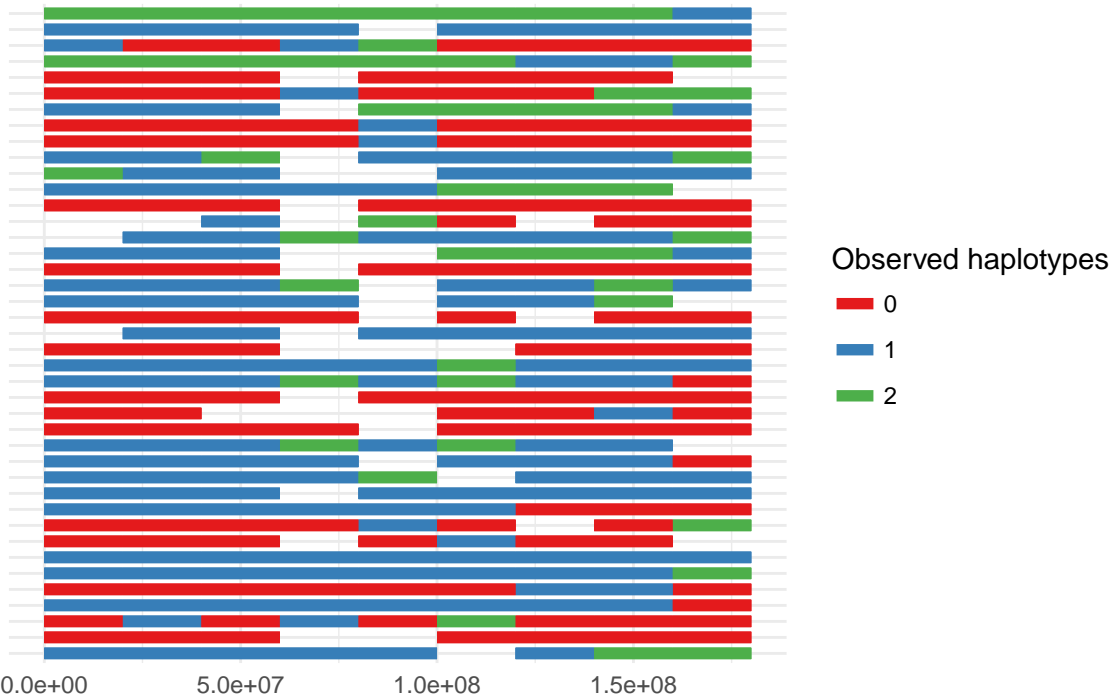
LBJ 6 HanXRQChr14 10MB window haplotypescount



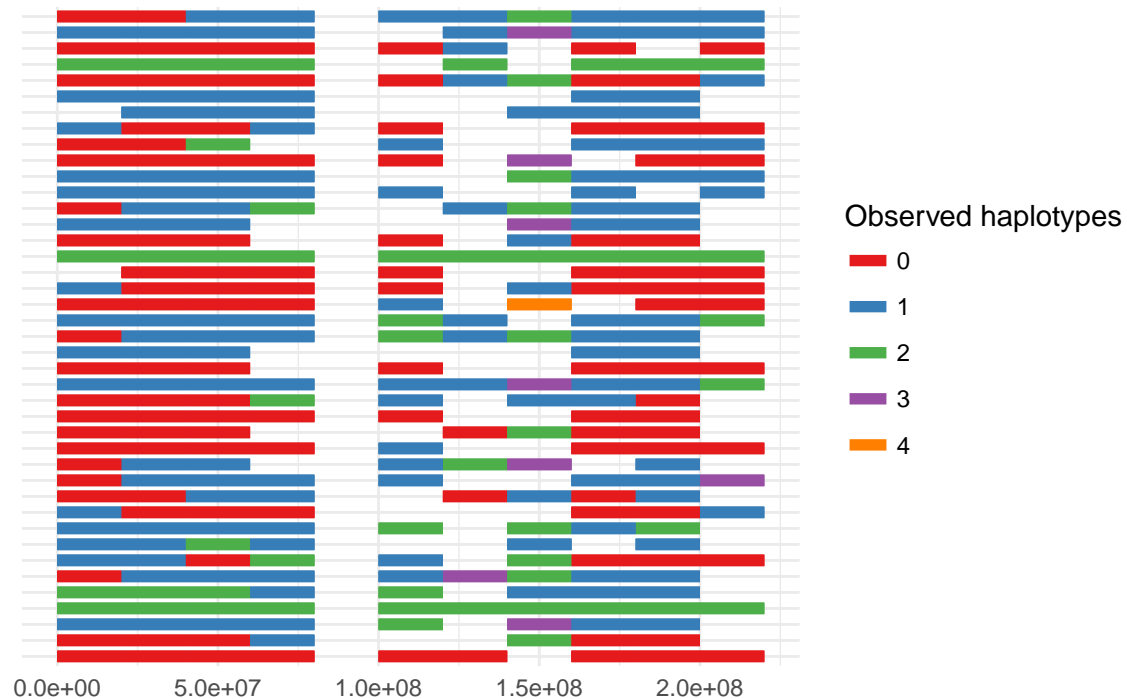
LBJ 6 HanXRQChr15 10MB window haplotypescount



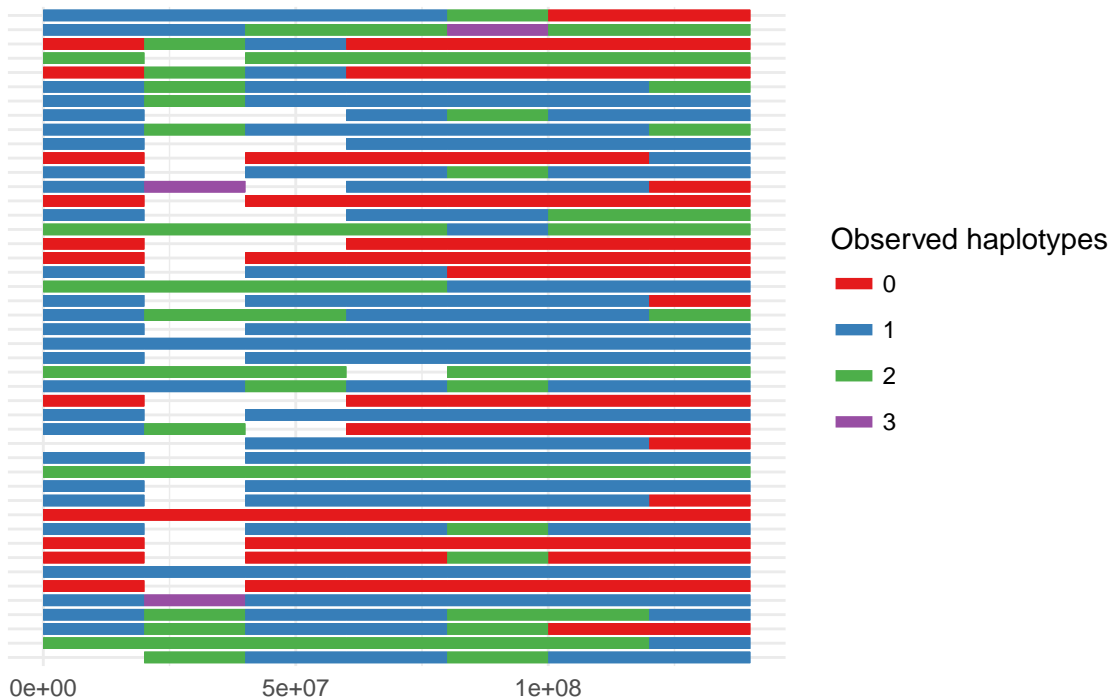
LBJ 6 HanXRQChr16 10MB window haplotypescount



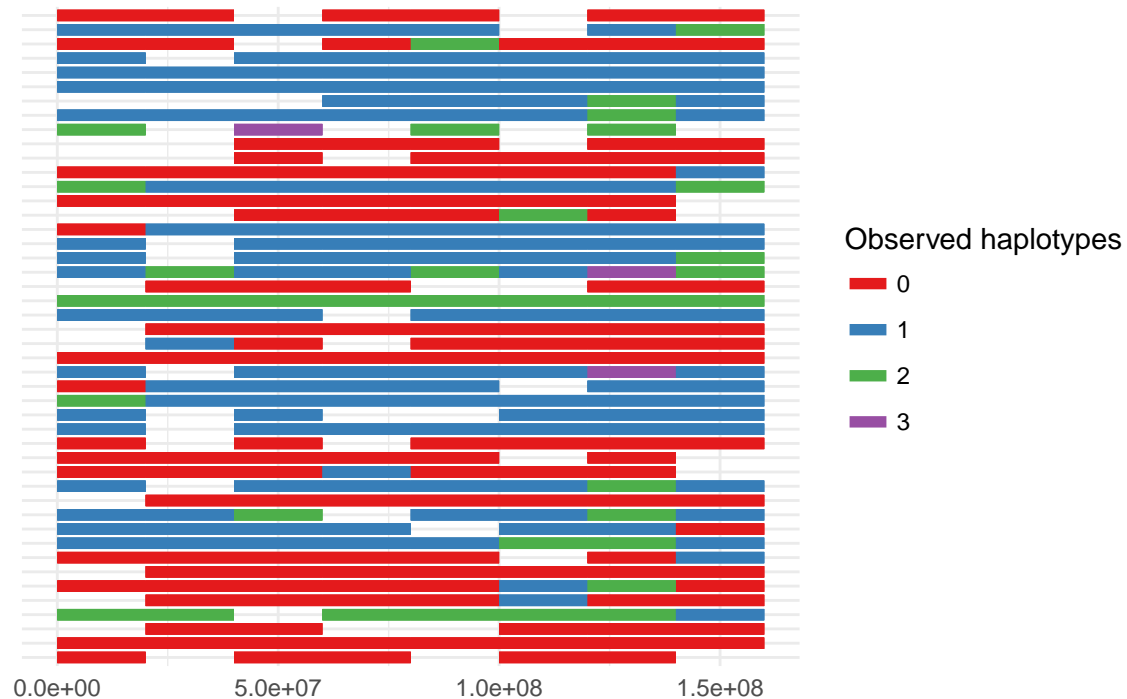
LBJ 6 HanXRQChr17 10MB window haplotypescount



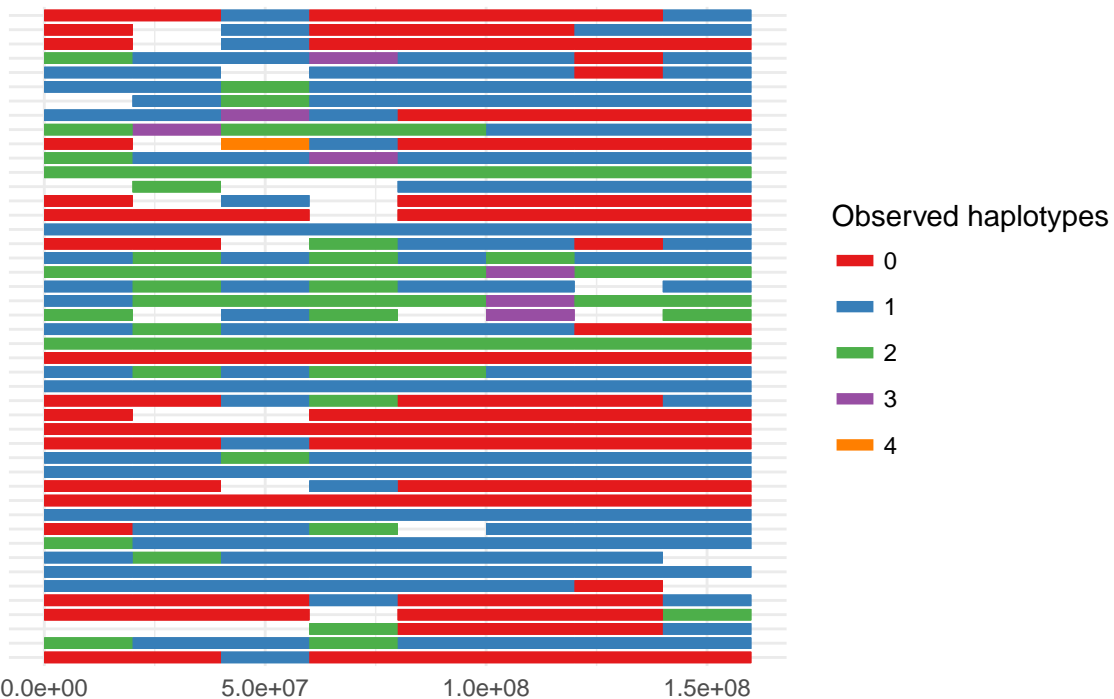
LBJ 7 HanXRQChr01 10MB window haplotypescount



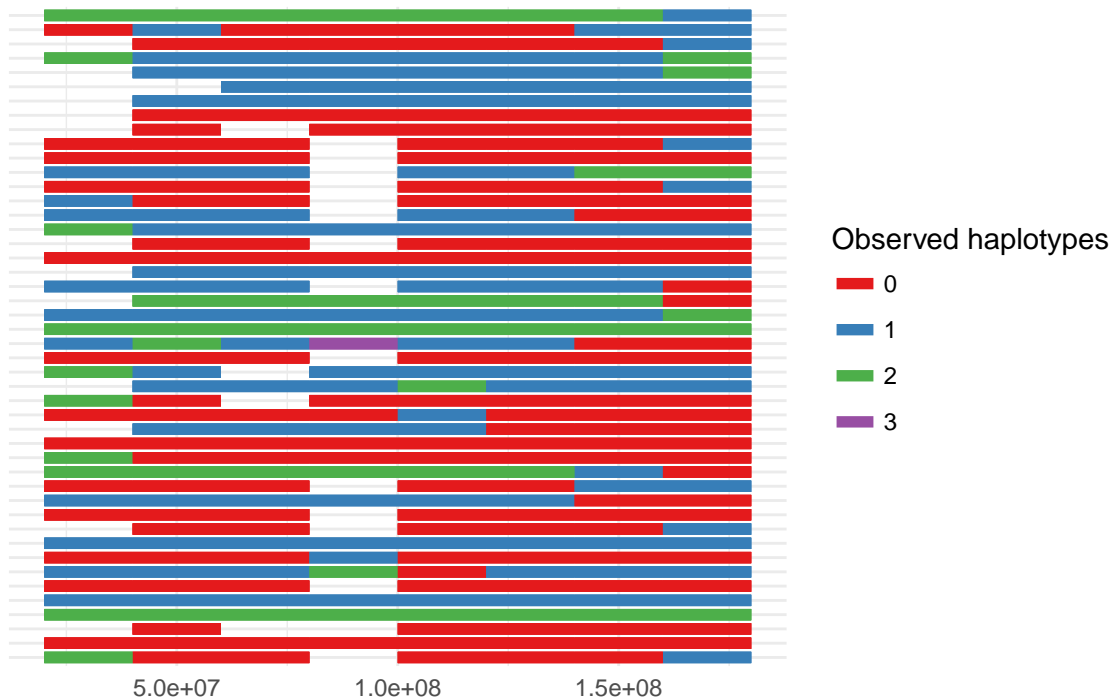
LBJ 7 HanXRQChr02 10MB window haplotypecount



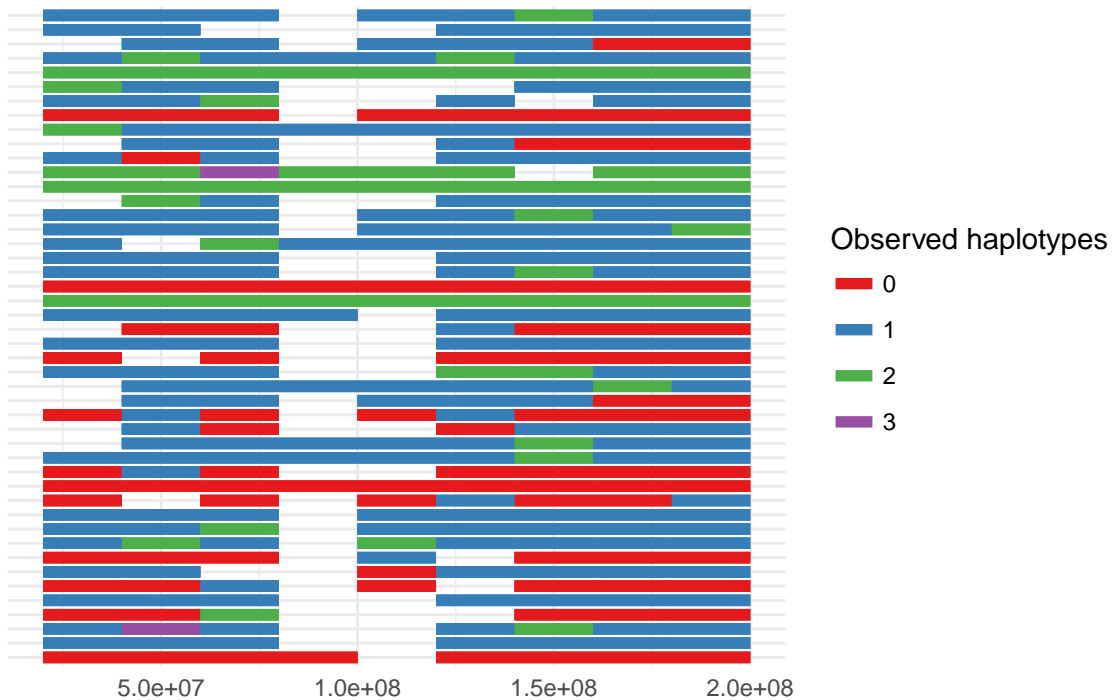
LBJ 7 HanXRQChr03 10MB window haplotypescount



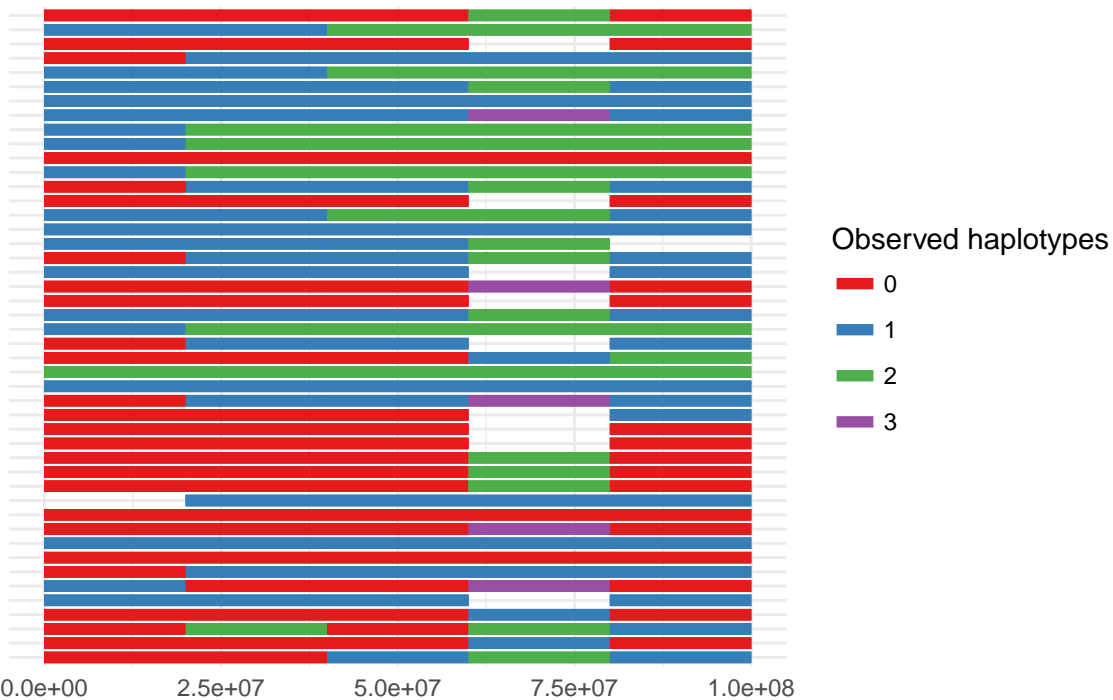
LBJ 7 HanXRQChr04 10MB window haplotypescount



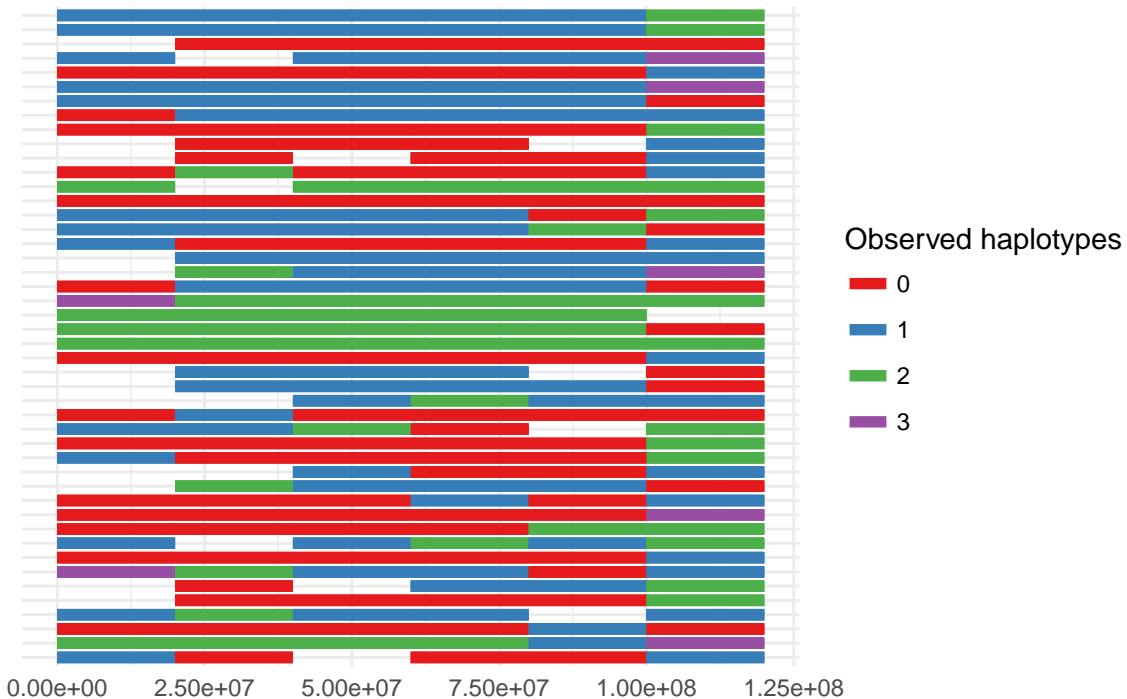
LBJ 7 HanXRQChr05 10MB window haplotypescount



LBJ 7 HanXRQChr06 10MB window haplotypescount



LBJ 7 HanXRQChr07 10MB window haplotypecount



LBJ 7 HanXRQChr08 10MB window haplotypescount

Observed haplotypes

0

1

2

3

4

0.0e+00

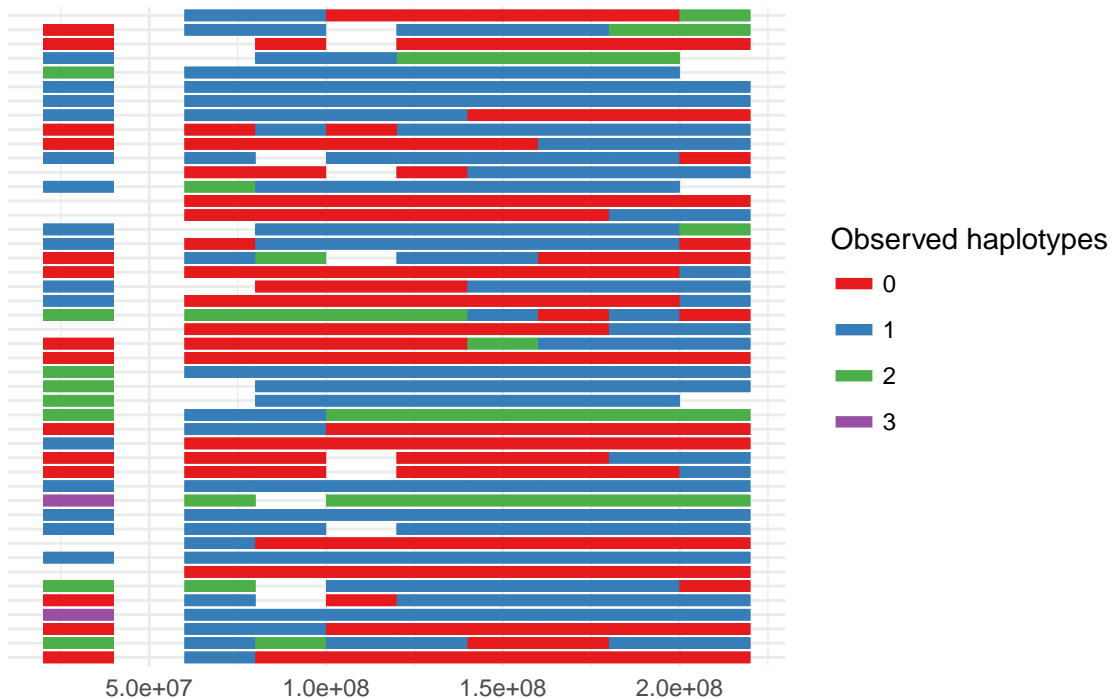
5.0e+07

1.0e+08

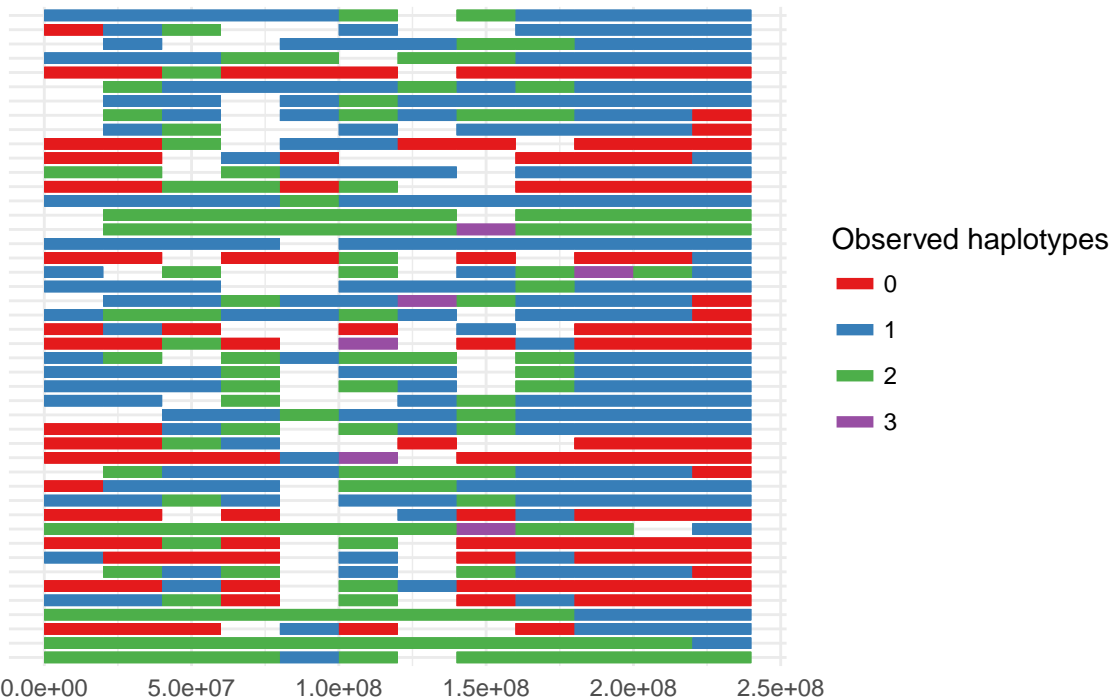
1.5e+08



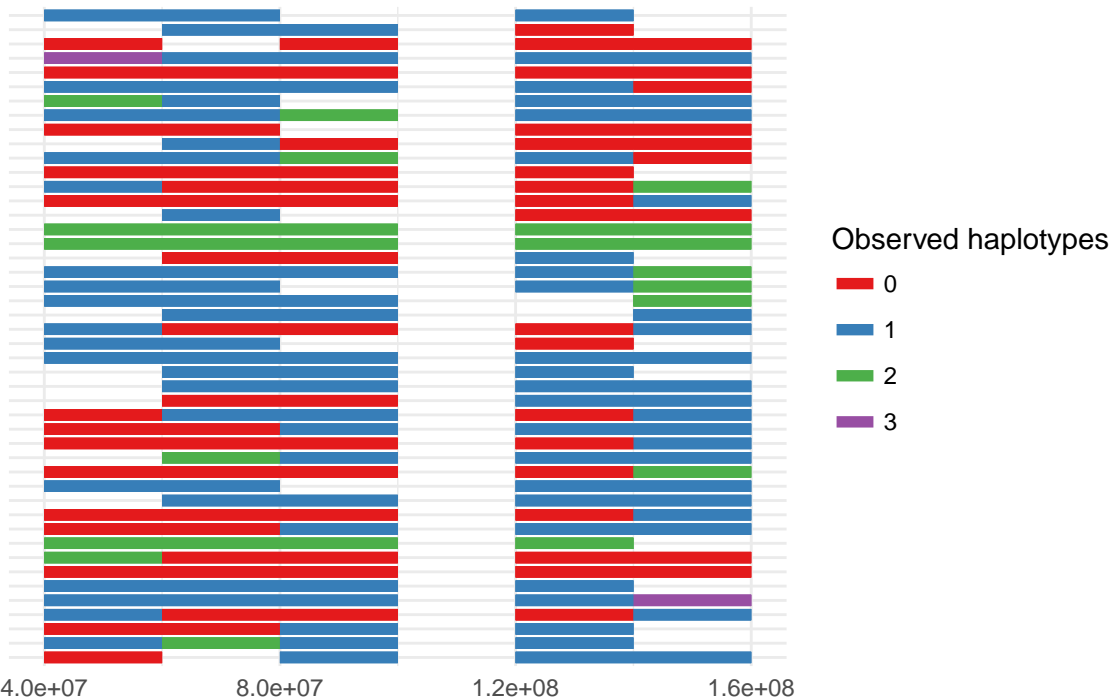
LBJ 7 HanXRQChr09 10MB window haplotypescount



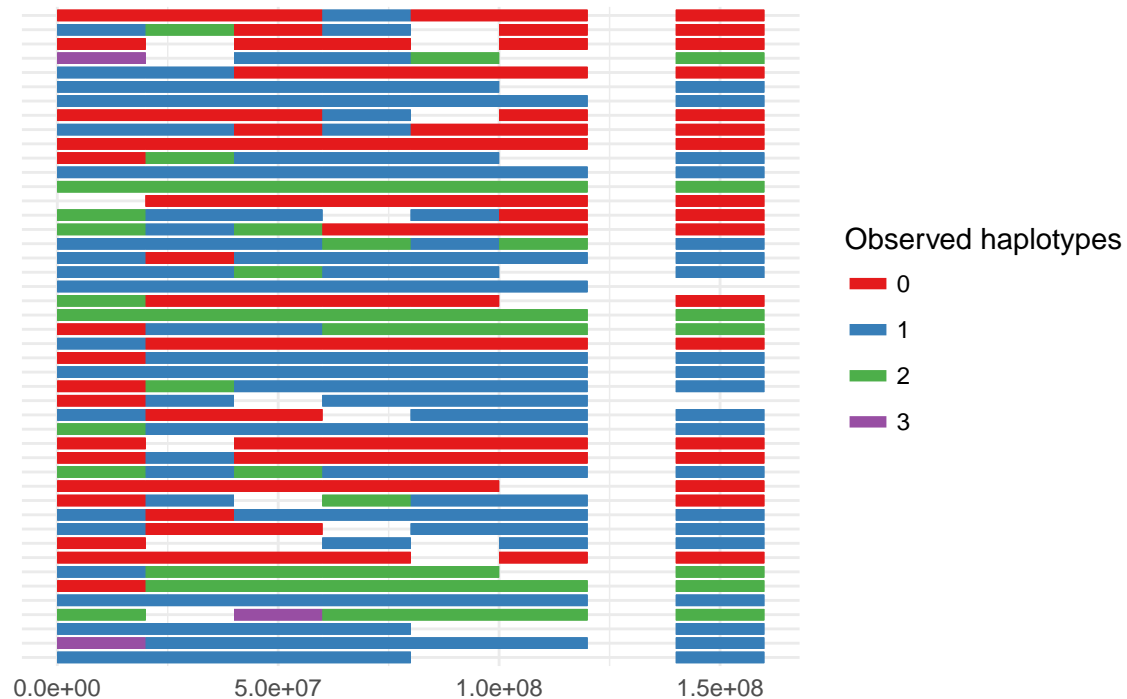
LBJ 7 HanXRQChr10 10MB window haplotypecount



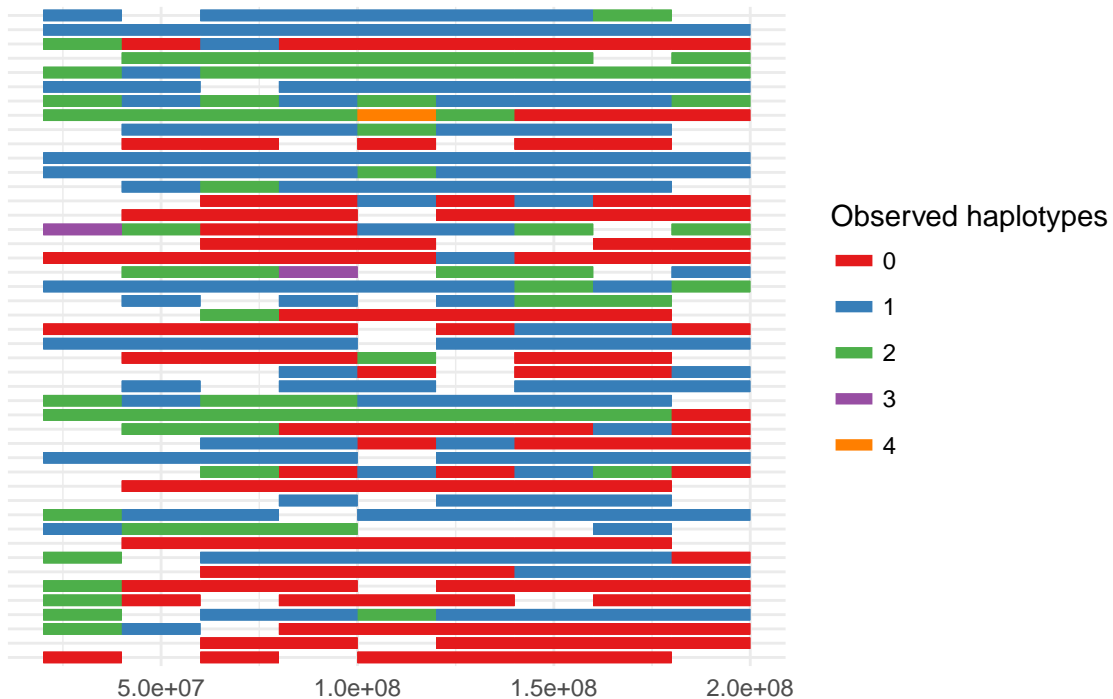
LBJ 7 HanXRQChr11 10MB window haplotypecount



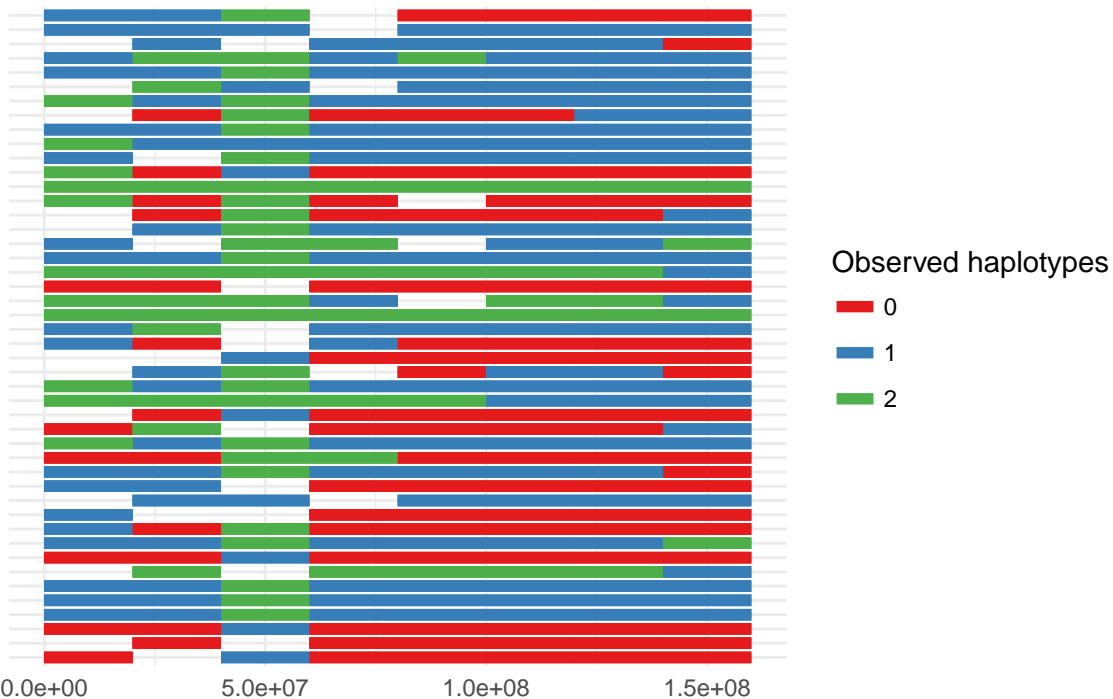
LBJ 7 HanXRQChr12 10MB window haplotypescount



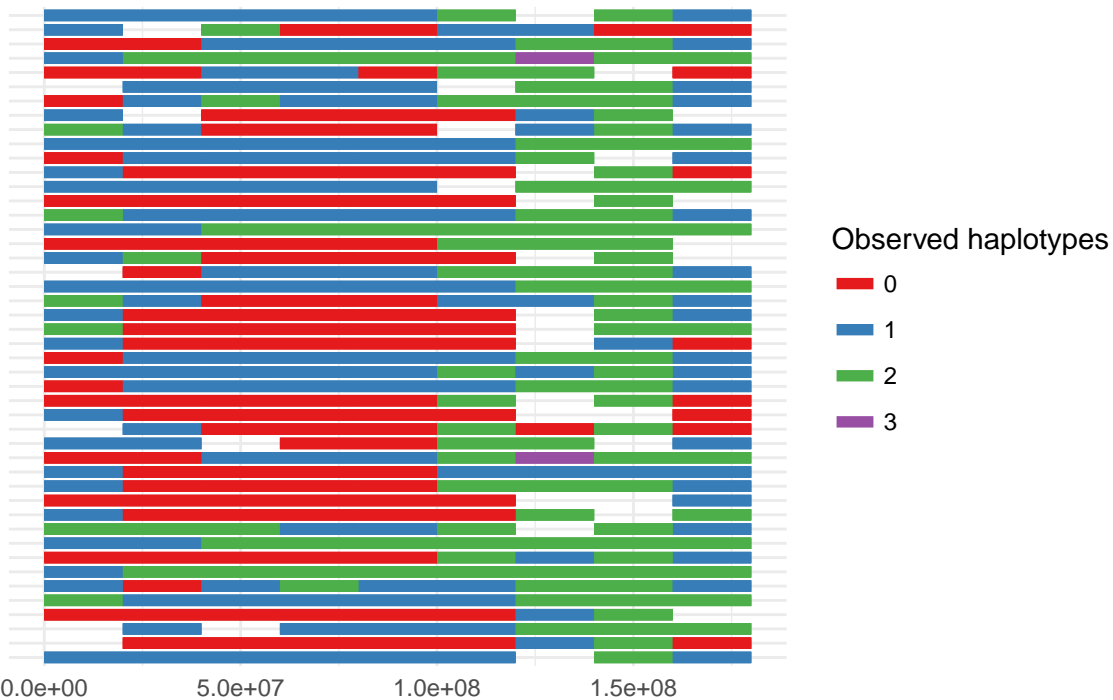
LBJ 7 HanXRQChr13 10MB window haplotypescount



LBJ 7 HanXRQChr14 10MB window haplotypescount



LBJ 7 HanXRQChr15 10MB window haplotypescount



LBJ 7 HanXRQChr16 10MB window haplotypescount

Observed haplotypes

0

1

2

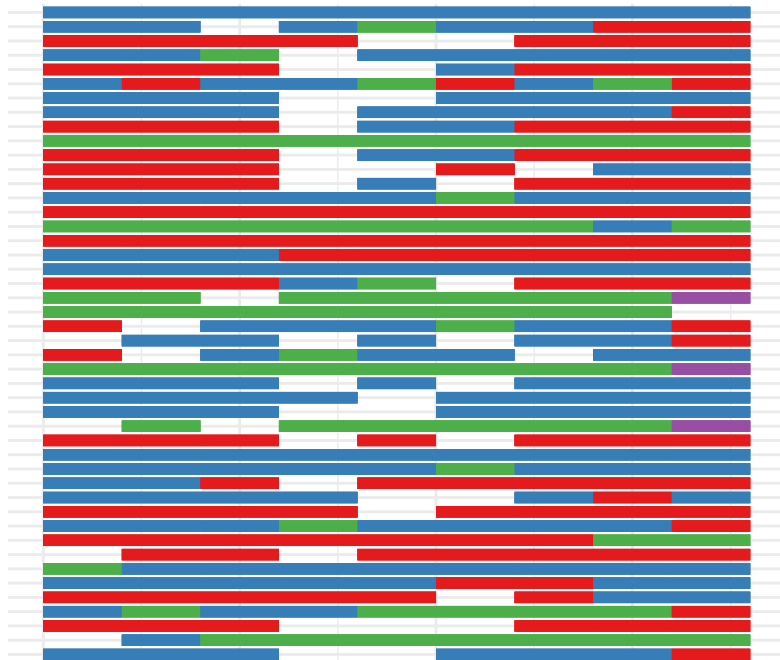
3

0.0e+00

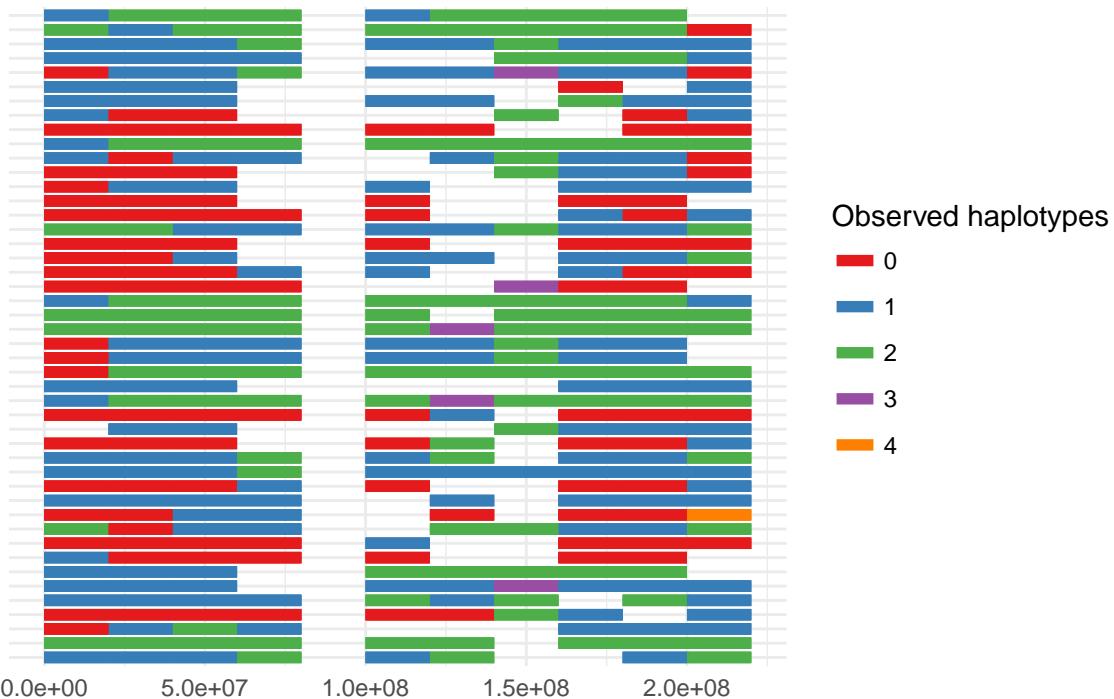
5.0e+07

1.0e+08

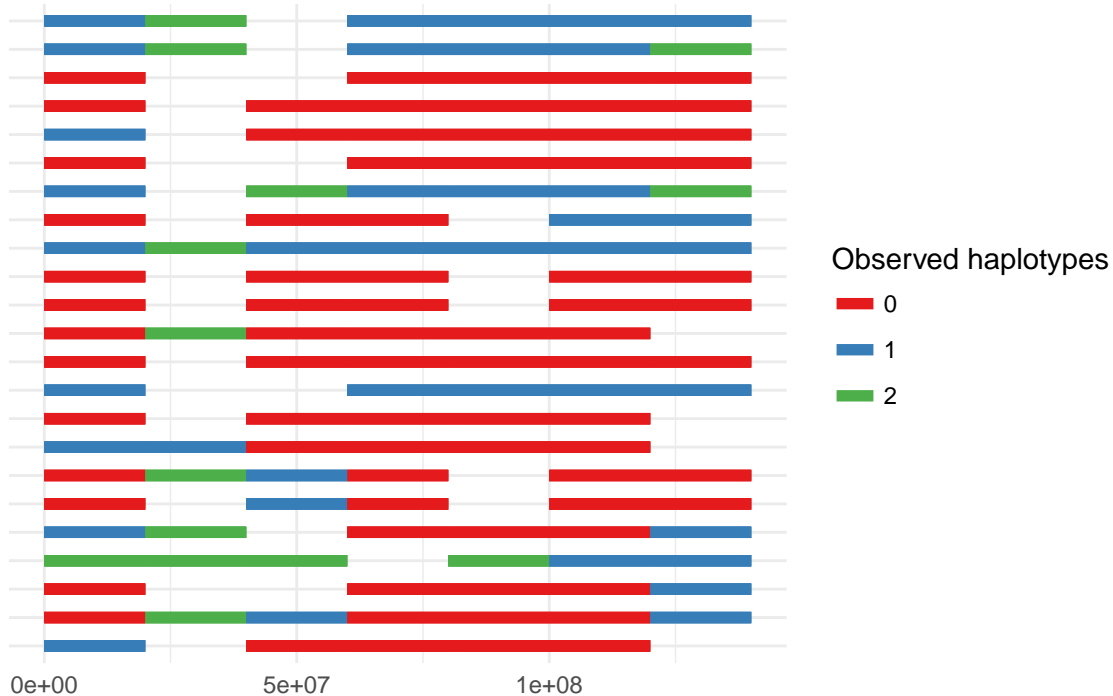
1.5e+08



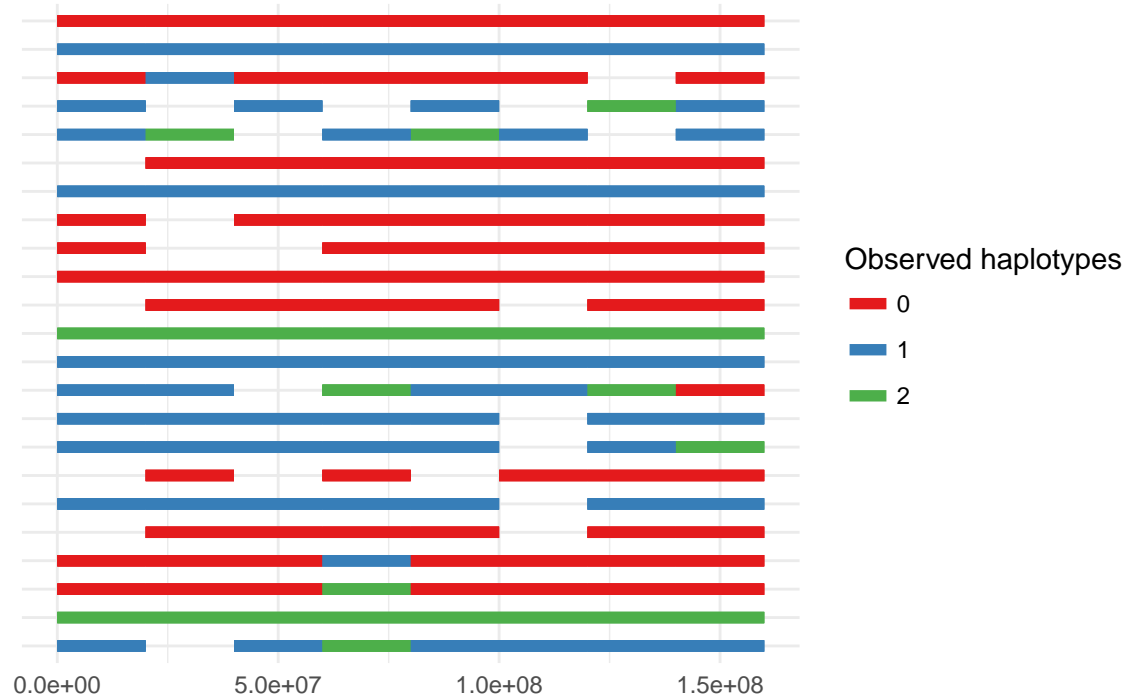
LBJ 7 HanXRQChr17 10MB window haplotypescount



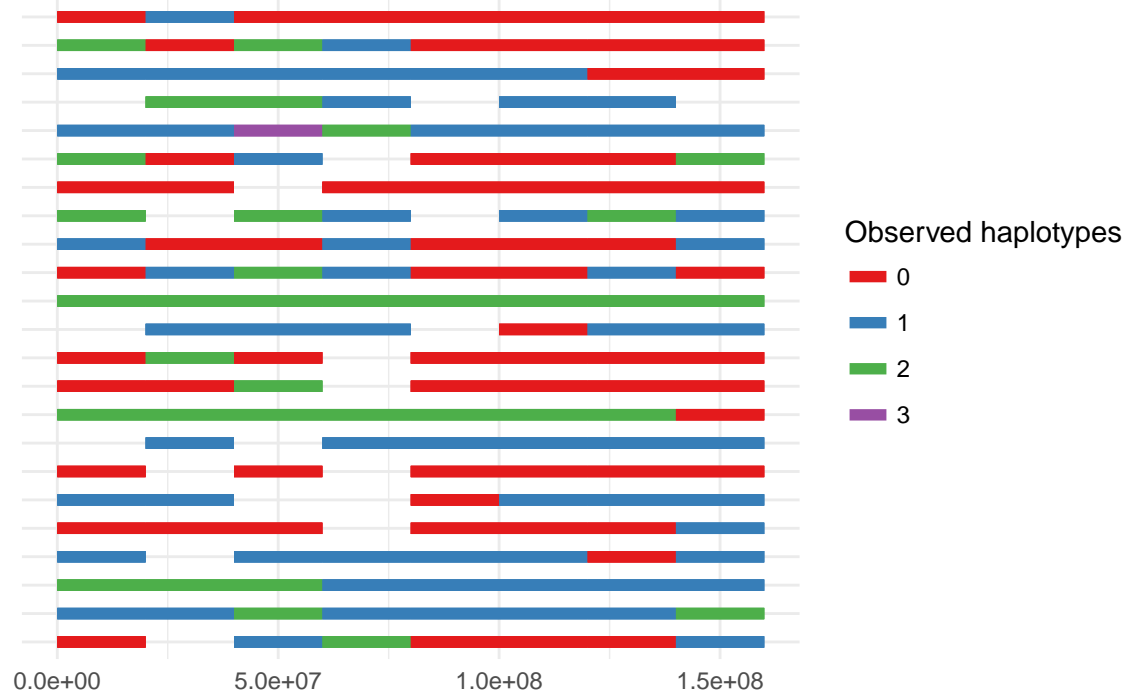
LBJ 7.5 HanXRQChr01 10MB window haplotypescount



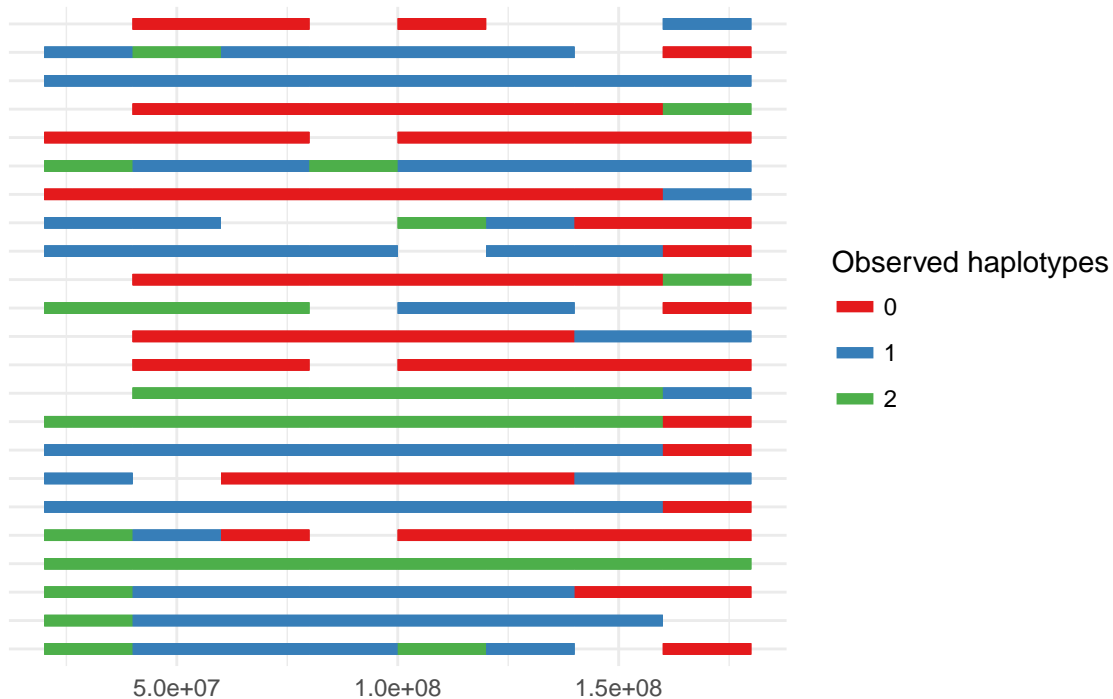
LBJ 7.5 HanXRQChr02 10MB window haplotypescount



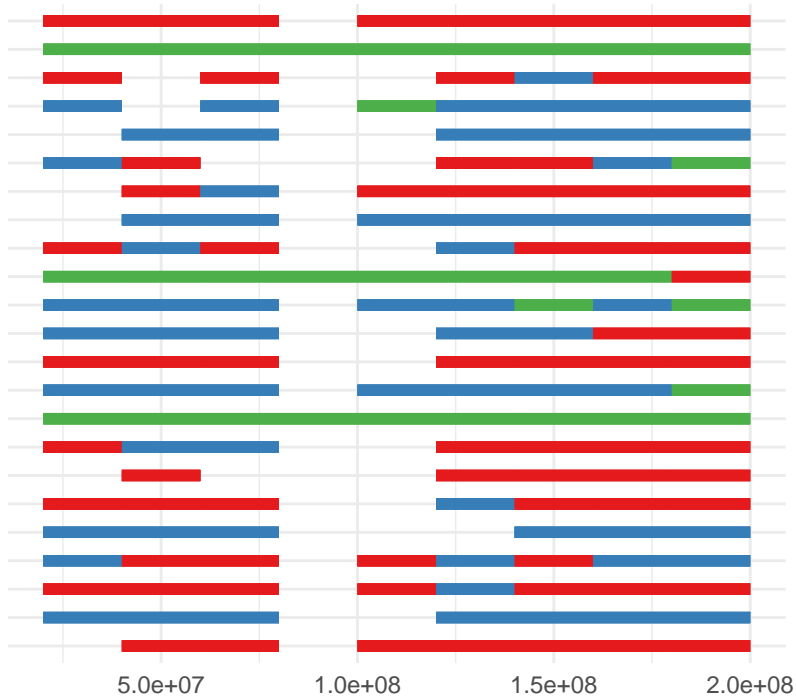
LBJ 7.5 HanXRQChr03 10MB window haplotypescount



LBJ 7.5 HanXRQChr04 10MB window haplotypescount



LBJ 7.5 HanXRQChr05 10MB window haplotypescount



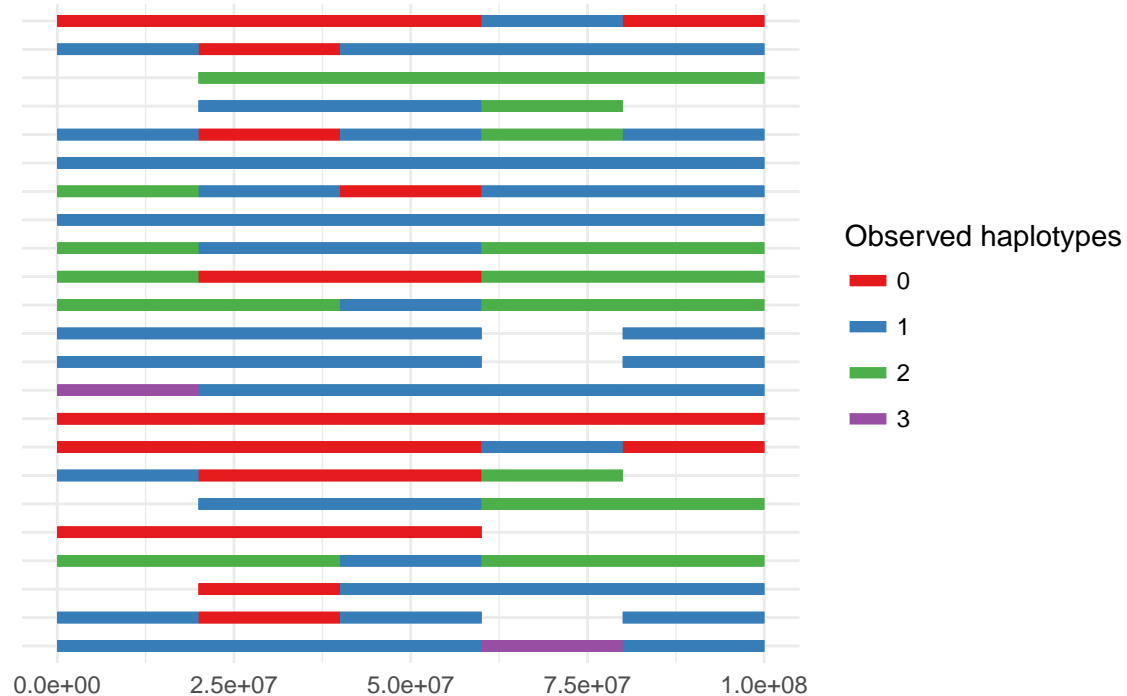
Observed haplotypes

0

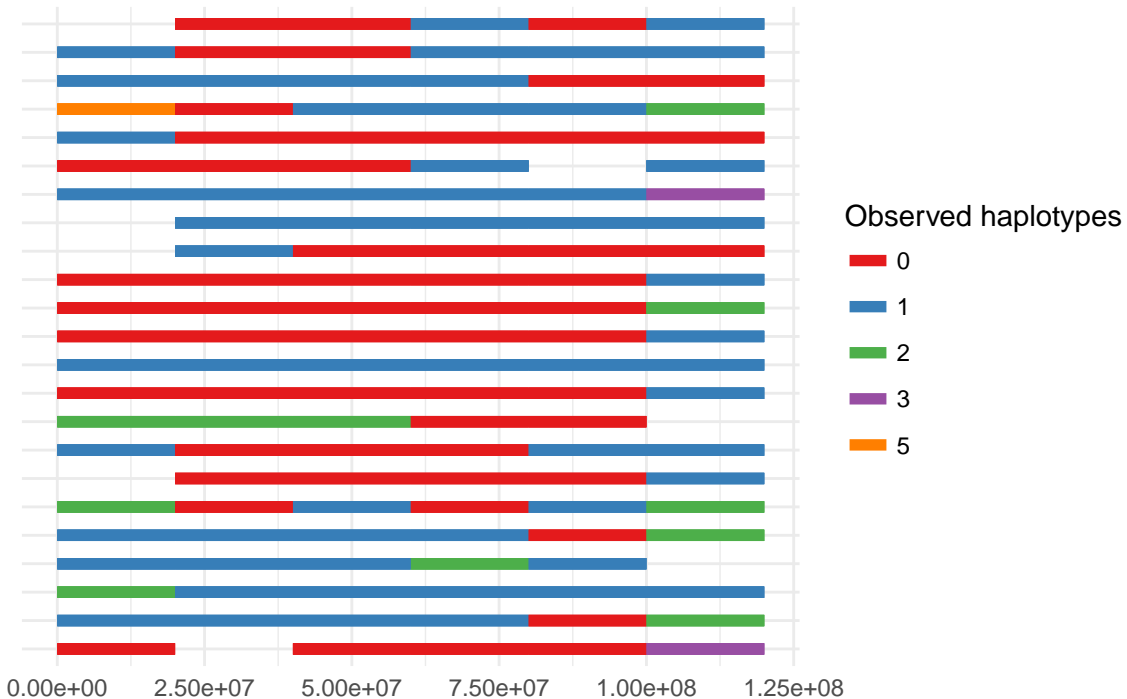
1

2

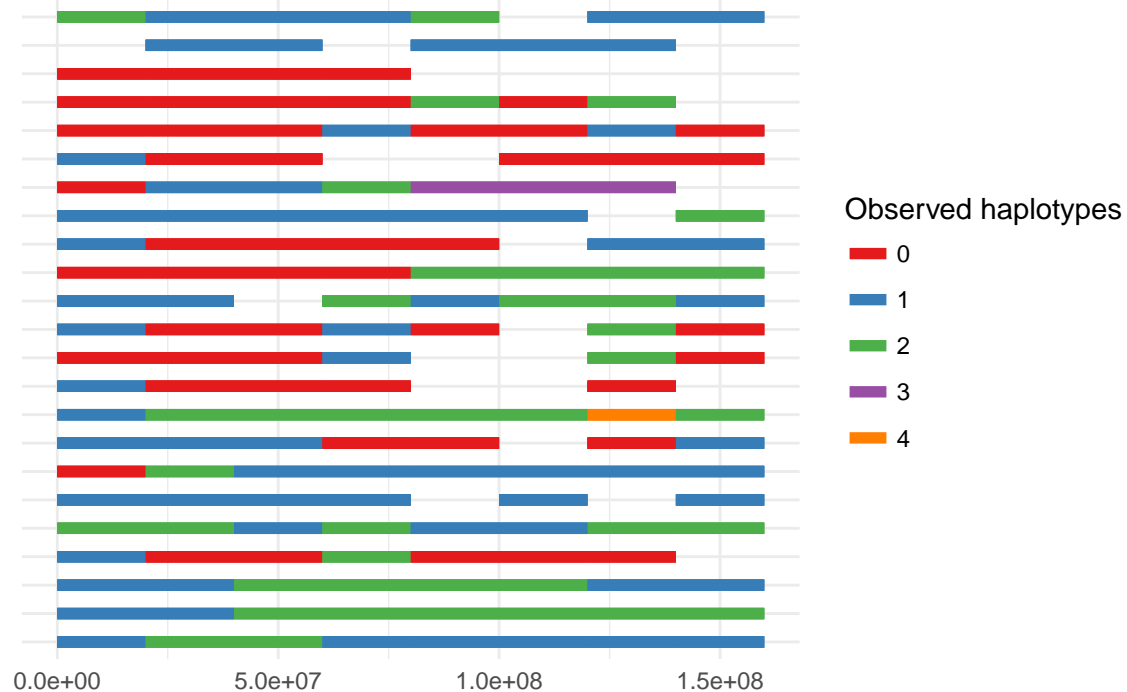
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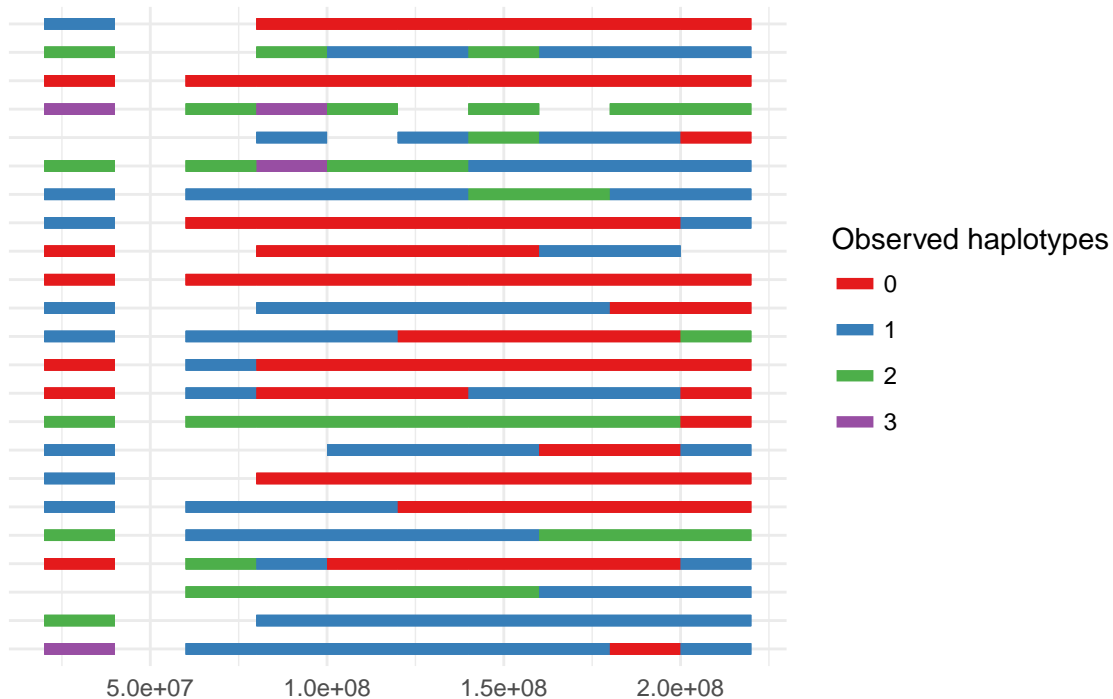
LBJ 7.5 HanXRQChr07 10MB window haplotypescount



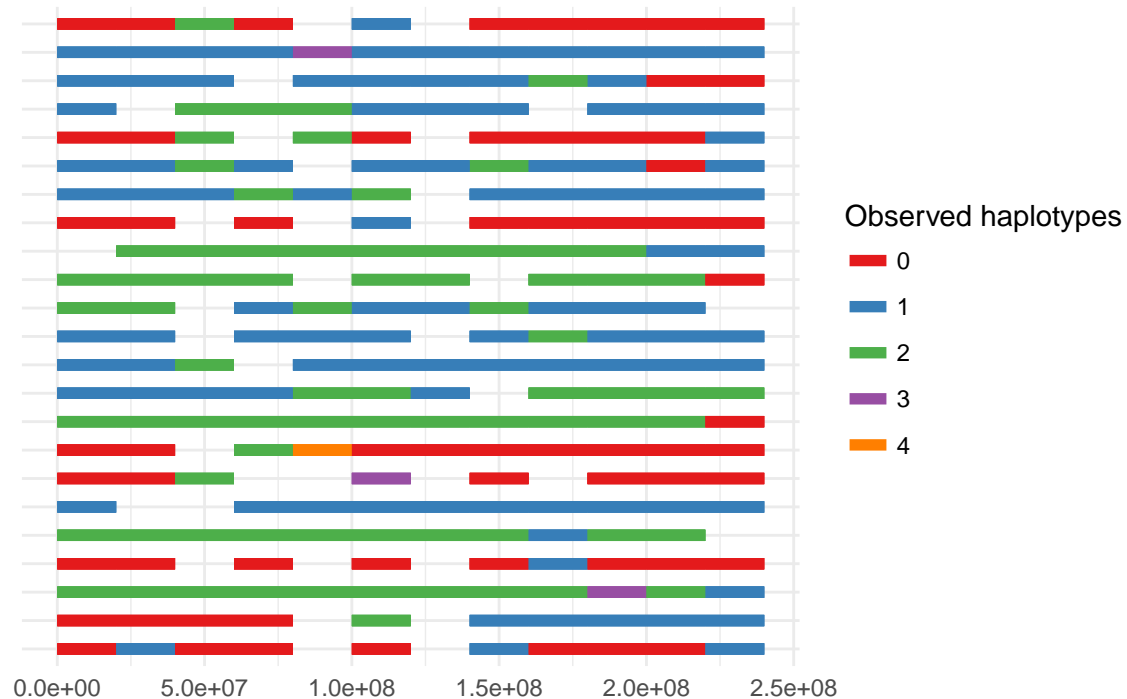
LBJ 7.5 HanXRQChr08 10MB window haplotypescount



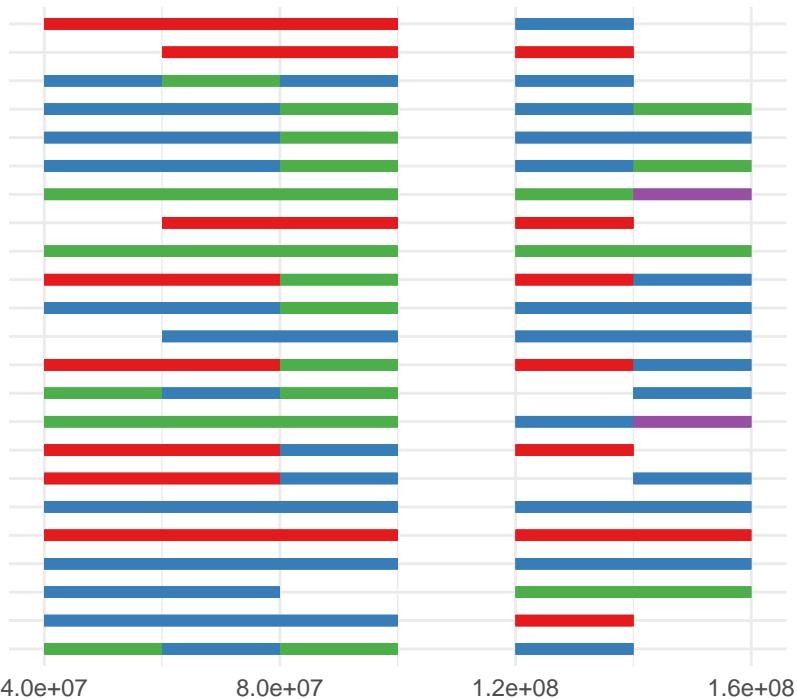
LBJ 7.5 HanXRQChr09 10MB window haplotypecount



LBJ 7.5 HanXRQChr10 10MB window haplotypescount



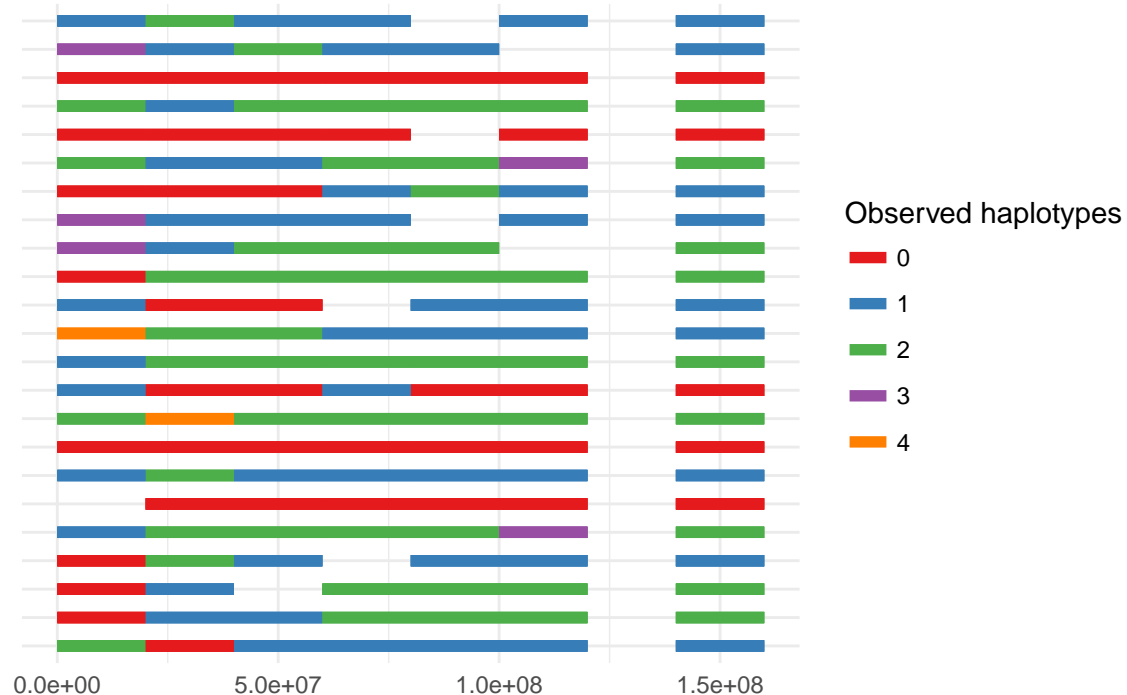
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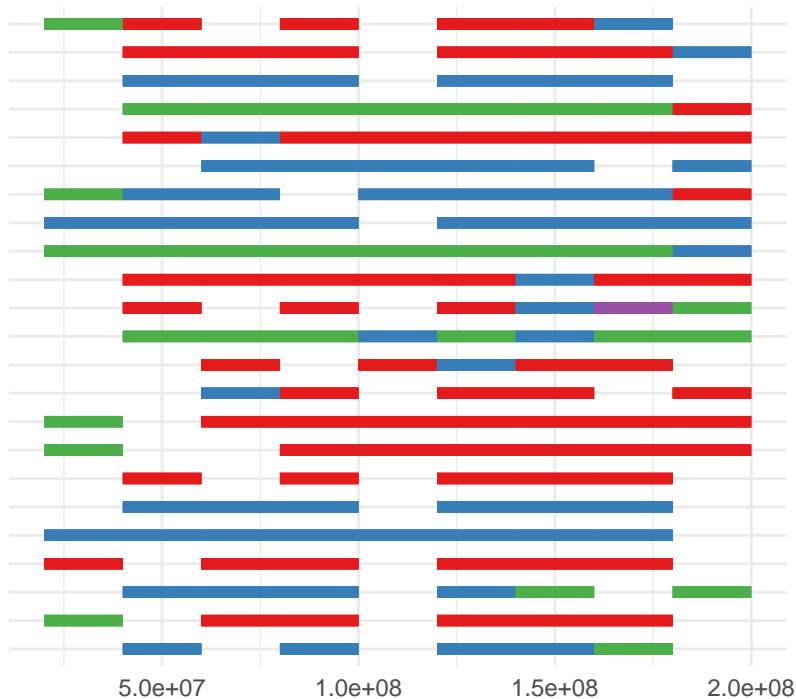
Observed haplotypes

- 0
- 1
- 2
- 3

LBJ 7.5 HanXRQChr12 10MB window haplotypescount



LBJ 7.5 HanXRQChr13 10MB window haplotypescount



Observed haplotypes

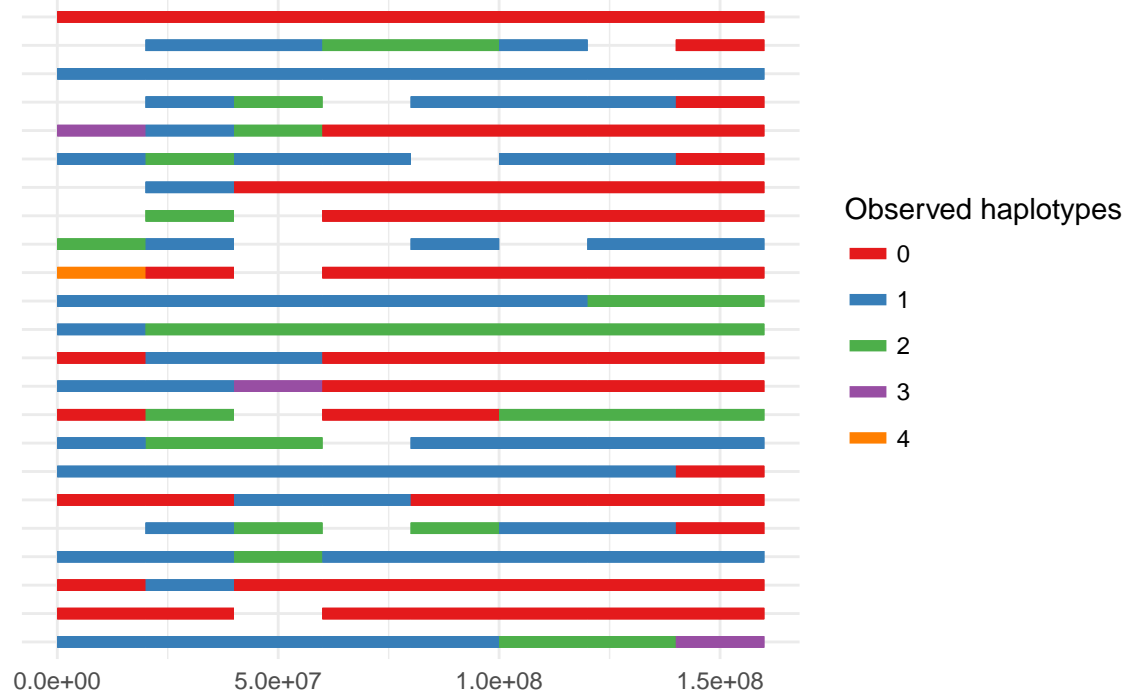
0

1

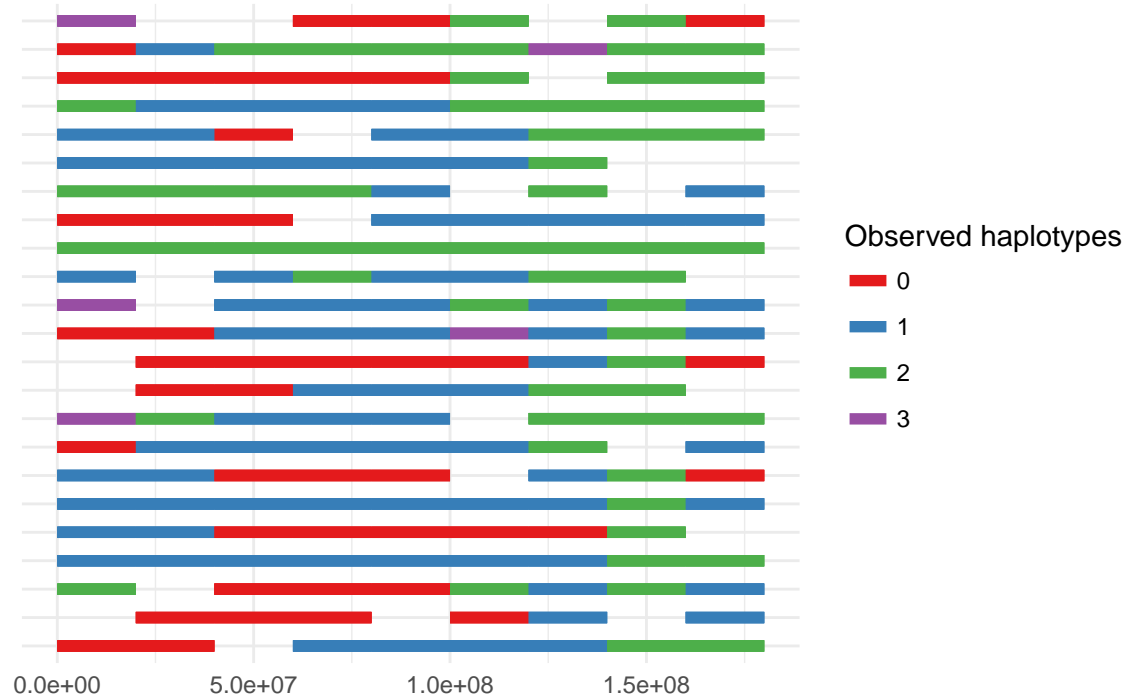
2

3

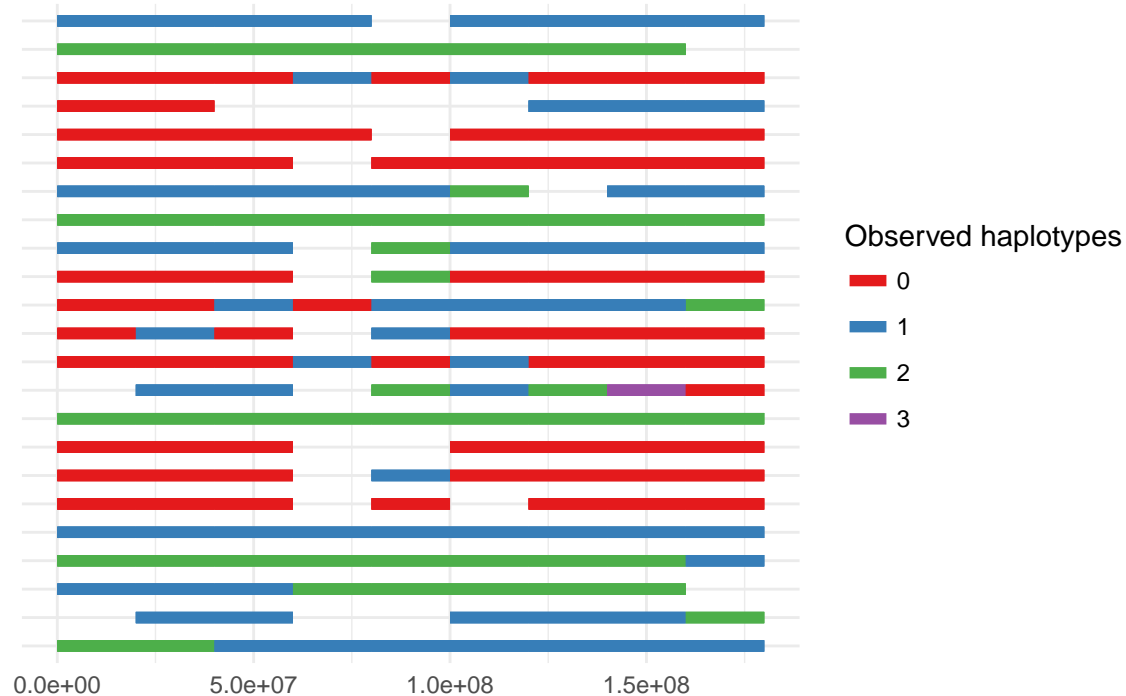
LBJ 7.5 HanXRQChr14 10MB window haplotypescount



LBJ 7.5 HanXRQChr15 10MB window haplotypescount



LBJ 7.5 HanXRQChr16 10MB window haplotypescount



LBJ 7.5 HanXRQChr17 10MB window haplotypescount

