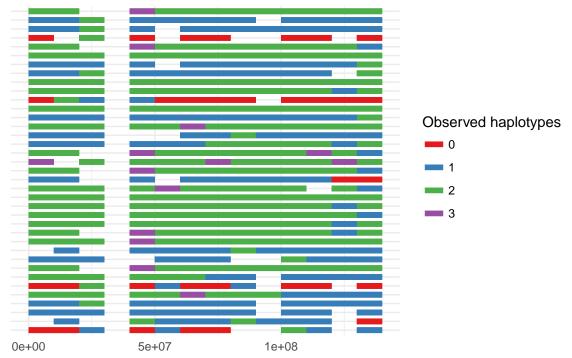
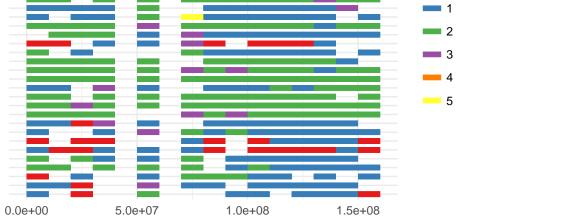
BFL 2.5 HanXRQChr01 10MB window haplotypecount



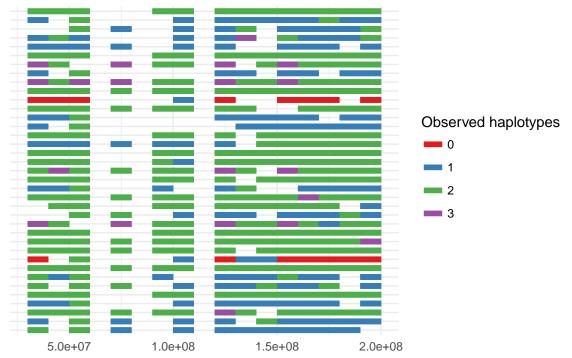
BFL 2.5 HanXRQChr02 10MB window haplotypecount Observed haplotypes 4.0e+07 8.0e+07 1.2e+08 1.6e+08

BFL 2.5 HanXRQChr03 10MB window haplotypecount Observed haplotypes **0** 5

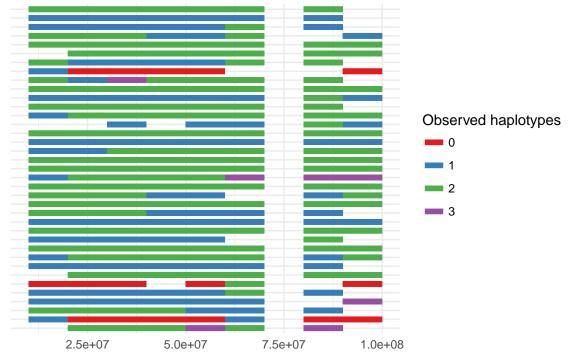


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BFL 2.5 HanXRQChr05 10MB window haplotypecount

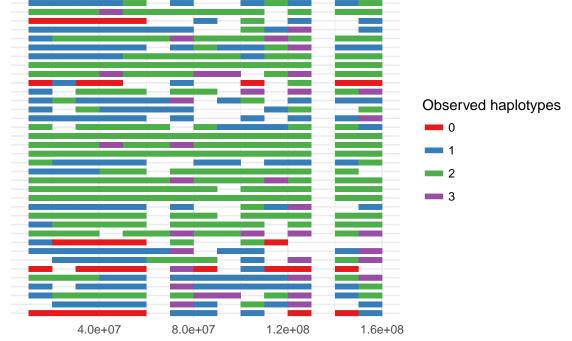


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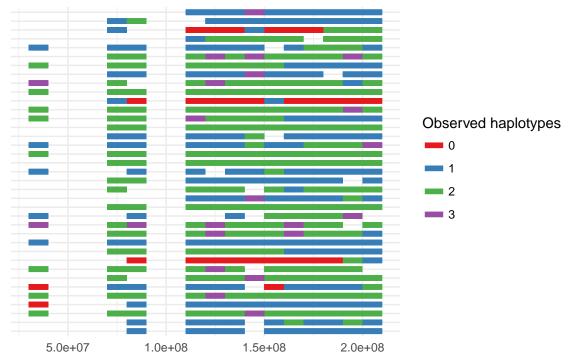


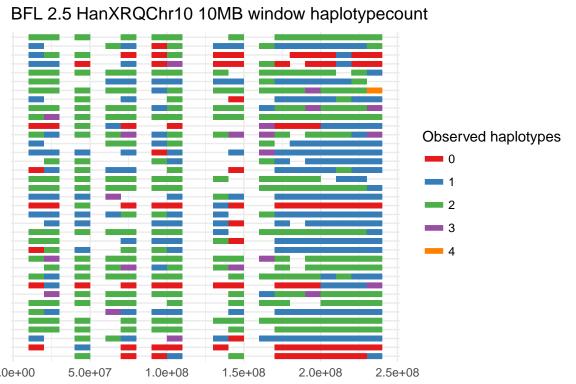
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BFL 2.5 HanXRQChr08 10MB window haplotypecount

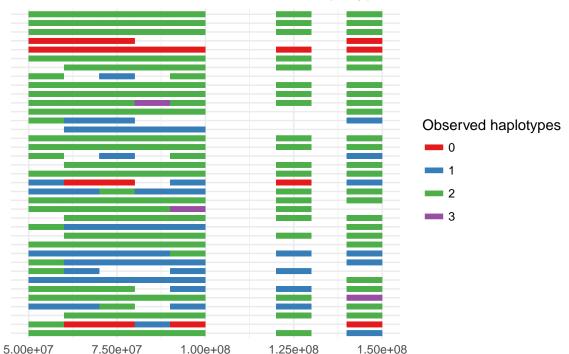


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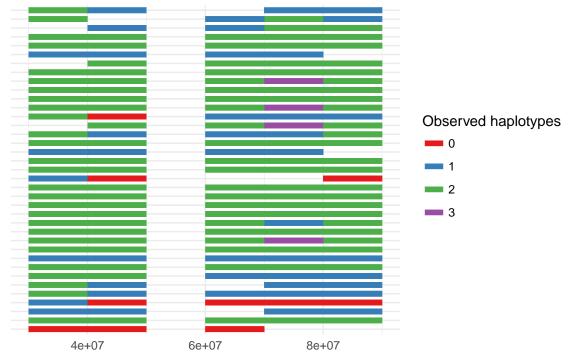




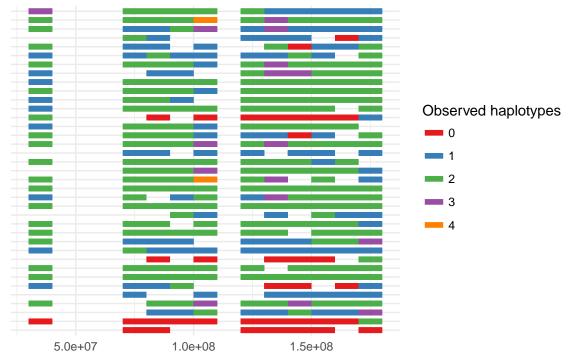
BFL 2.5 HanXRQChr11 10MB window haplotypecount



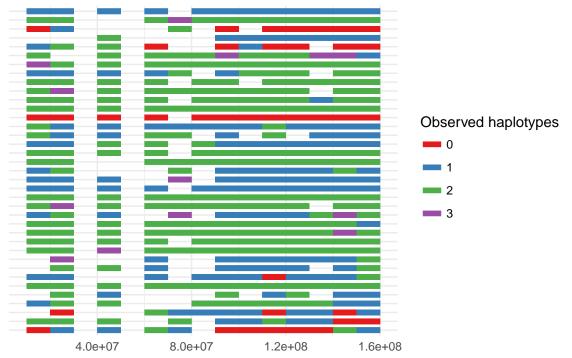
BFL 2.5 HanXRQChr12 10MB window haplotypecount



BFL 2.5 HanXRQChr13 10MB window haplotypecount

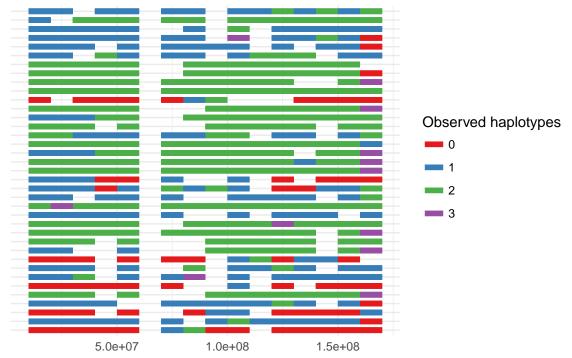


BFL 2.5 HanXRQChr14 10MB window haplotypecount



BFL 2.5 HanXRQChr15 10MB window haplotypecount Observed haplotypes 3 5.0e+07 1.0e+08 1.5e+08

BFL 2.5 HanXRQChr16 10MB window haplotypecount



BFL 2.5 HanXRQChr17 10MB window haplotypecount Observed haplotypes **0** 5 1.5e+08 2.0e+08 0e+00 5.0e+07 1.0e+08

BFL 4 HanXRQChr01 10MB window haplotypecount Observed haplotypes _ 2 3

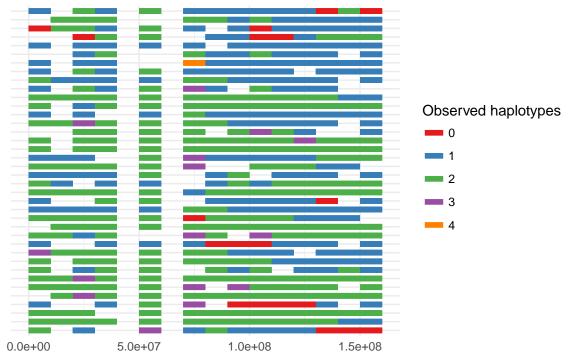
1e+08

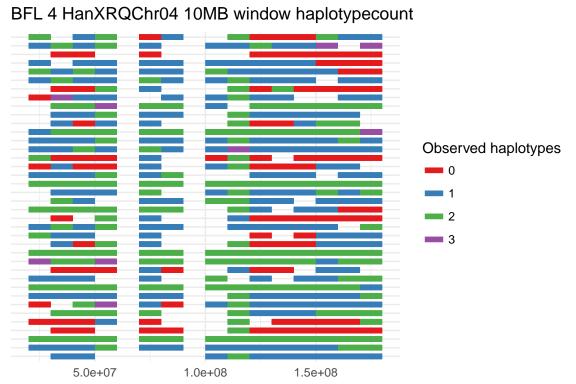
0e+00

5e+07

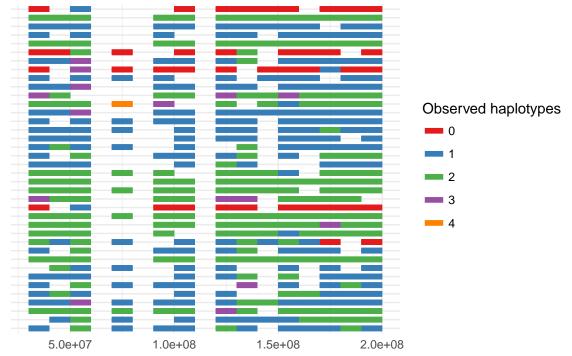
BFL 4 HanXRQChr02 10MB window haplotypecount Observed haplotypes 4.0e+07 8.0e+07 1.2e+08 1.6e+08

BFL 4 HanXRQChr03 10MB window haplotypecount

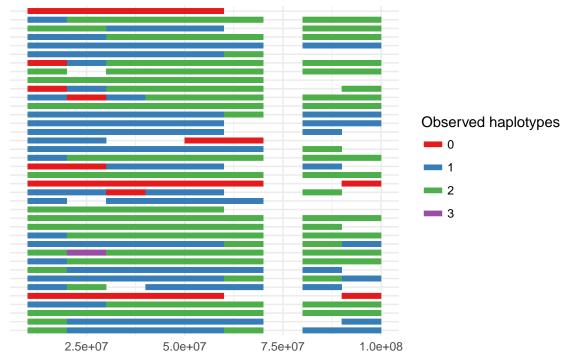




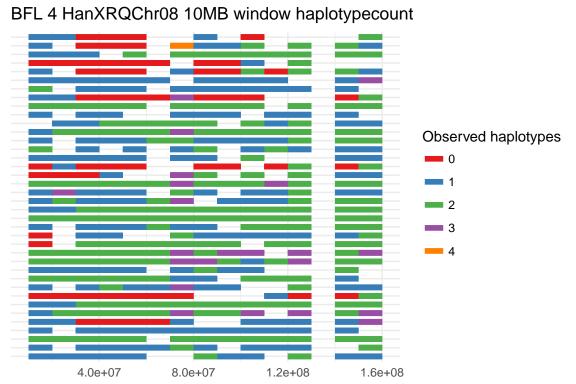
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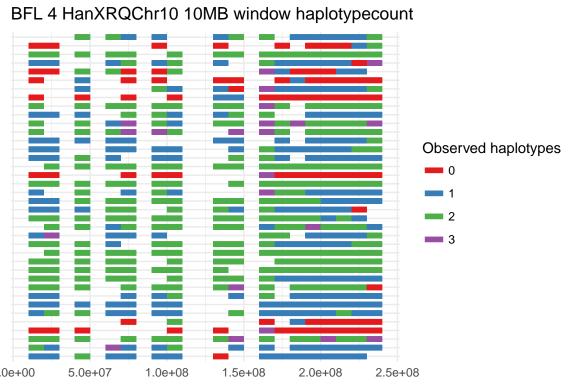
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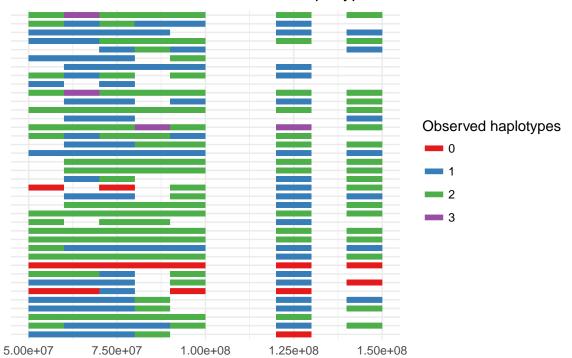
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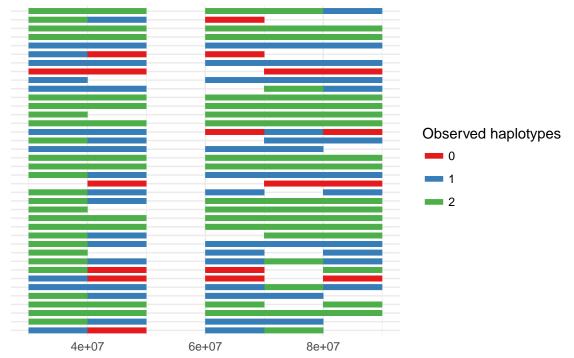
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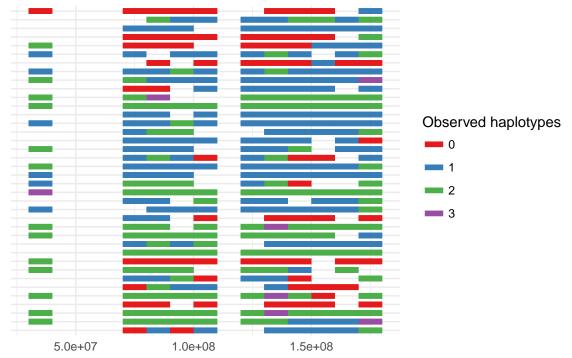
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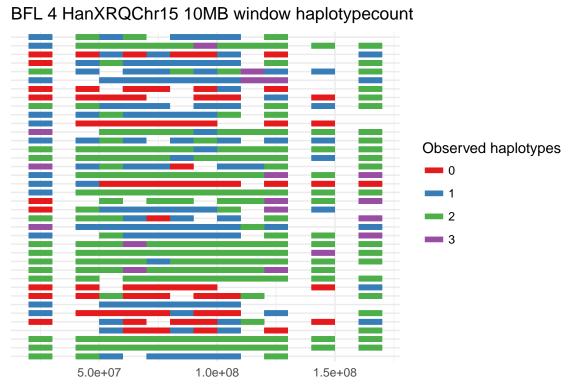
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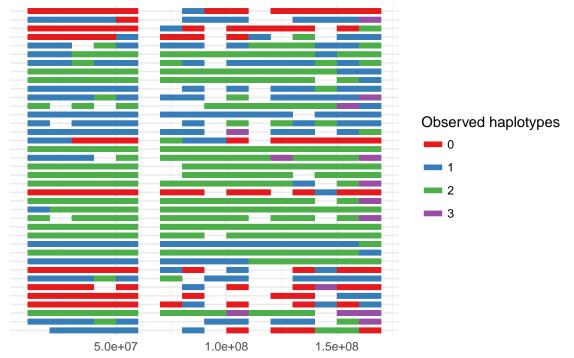
BFL 4 HanXRQChr13 10MB window haplotypecount



BFL 4 HanXRQChr14 10MB window haplotypecount Observed haplotypes _ 2 3 4.0e+07 8.0e+07 1.2e+08 1.6e + 08



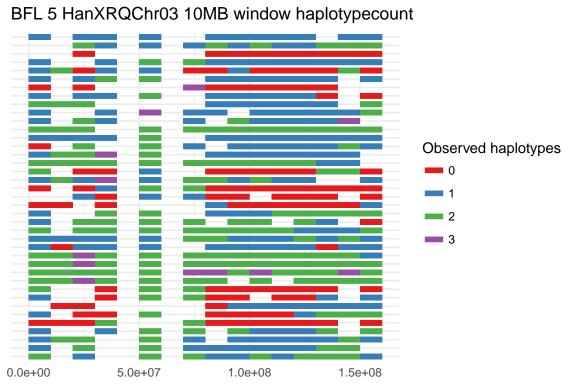
BFL 4 HanXRQChr16 10MB window haplotypecount



BFL 4 HanXRQChr17 10MB window haplotypecount Observed haplotypes **0** 5 0e+00 5.0e+07 1.0e+08 1.5e + 082.0e+08

BFL 5 HanXRQChr01 10MB window haplotypecount Observed haplotypes 1e+08 0e+00 5e+07

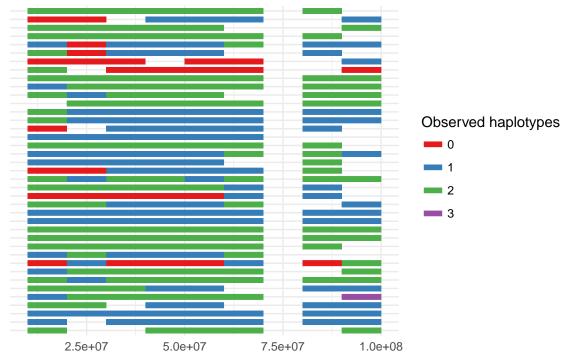
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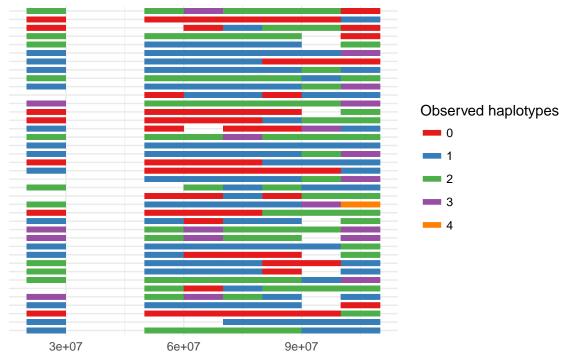
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BFL 5 HanXRQChr05 10MB window haplotypecount Observed haplotypes _ 2 **3** 1.0e+08 5.0e+07 1.5e + 082.0e+08

BFL 5 HanXRQChr06 10MB window haplotypecount

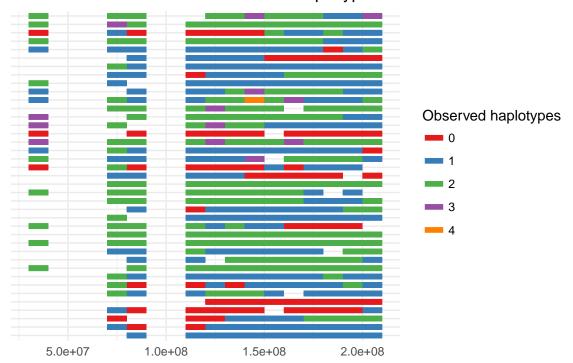


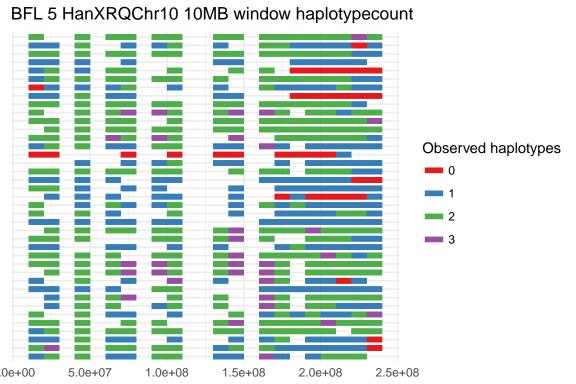
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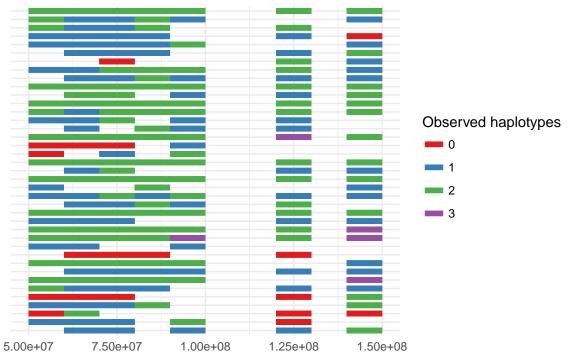
BFL 5 HanXRQChr08 10MB window haplotypecount Observed haplotypes **2 3** 4.0e+07 8.0e+07 1.2e+08 1.6e+08

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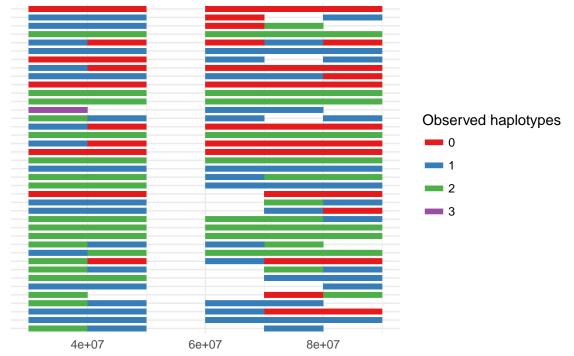




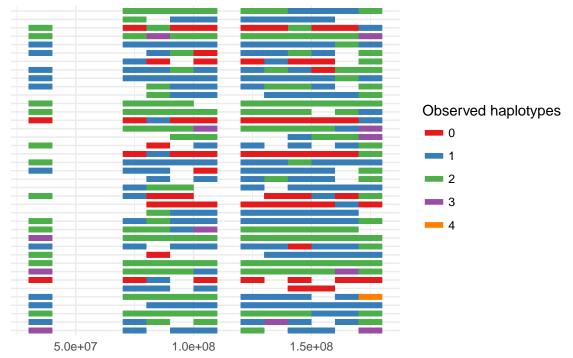
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BFL 5 HanXRQChr12 10MB window haplotypecount



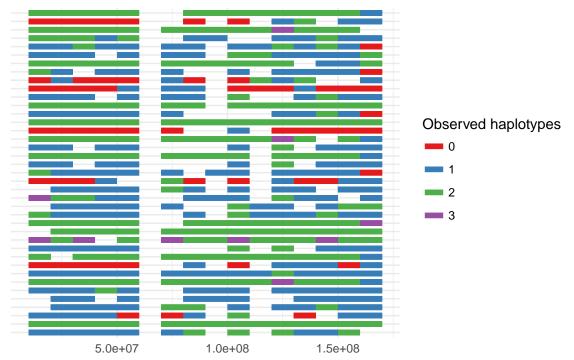
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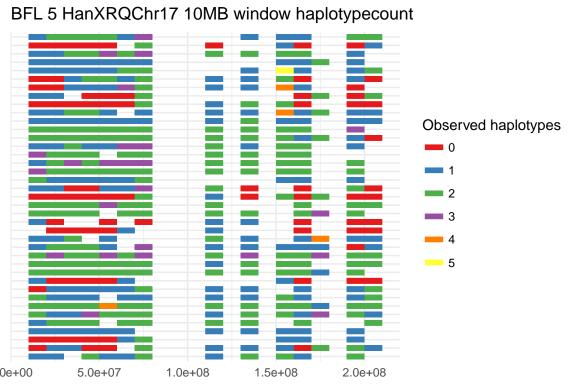


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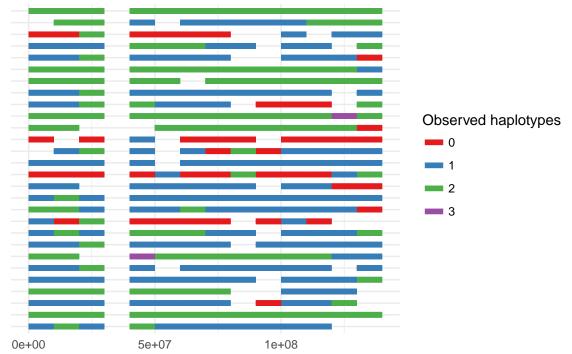
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BFL 5 HanXRQChr16 10MB window haplotypecount

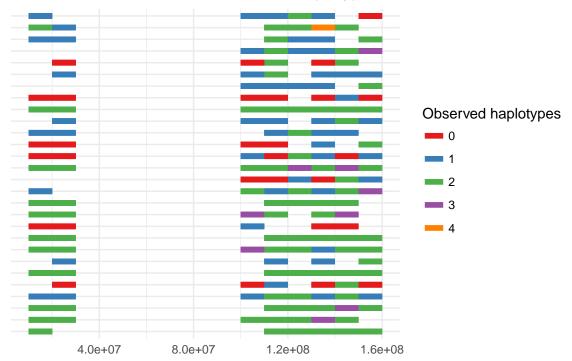




BFL 6 HanXRQChr01 10MB window haplotypecount



BFL 6 HanXRQChr02 10MB window haplotypecount

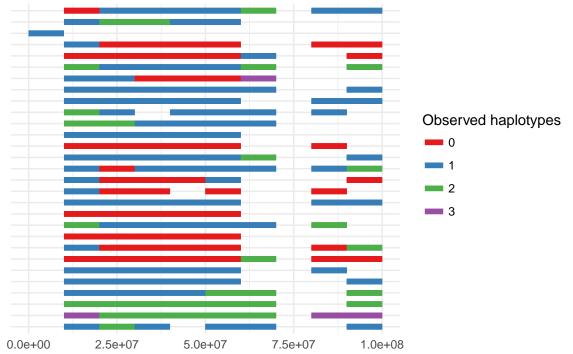


BFL 6 HanXRQChr03 10MB window haplotypecount Observed haplotypes 0.0e+001.5e+08 5.0e+07 1.0e+08

BFL 6 HanXRQChr04 10MB window haplotypecount Observed haplotypes 1.0e+08 5.0e+07 1.5e + 08

BFL 6 HanXRQChr05 10MB window haplotypecount Observed haplotypes _ 2 **3** 5.0e+07 1.0e+08 2.0e+08 1.5e+08

BFL 6 HanXRQChr06 10MB window haplotypecount



BFL 6 HanXRQChr07 10MB window haplotypecount Observed haplotypes

9e+07

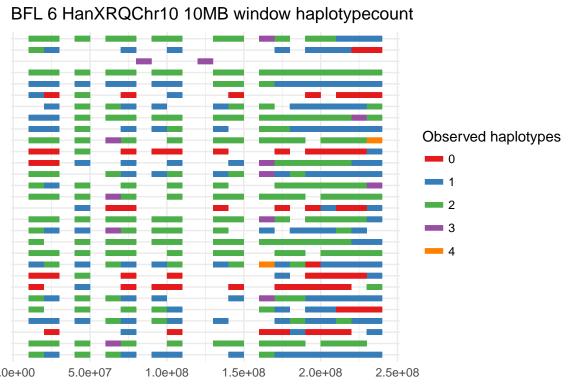
0e+00

3e+07

6e+07

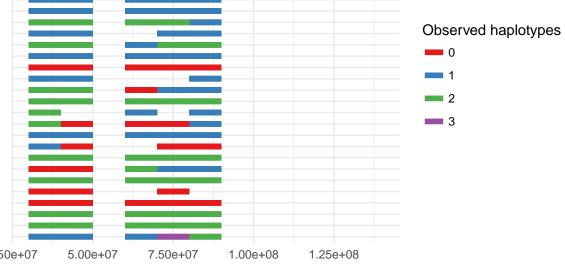
BFL 6 HanXRQChr08 10MB window haplotypecount Observed haplotypes 4.0e+07 8.0e+07 1.2e+08 1.6e+08

BFL 6 HanXRQChr09 10MB window haplotypecount Observed haplotypes 0.0e + 005.0e+07 1.0e+08 1.5e + 082.0e+08

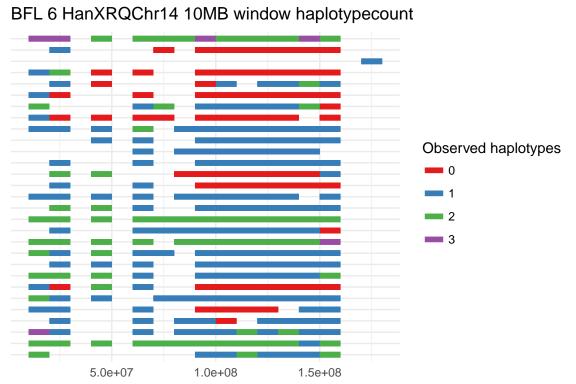


BFL 6 HanXRQChr11 10MB window haplotypecount Observed haplotypes 5.00e+07 7.50e+07 1.00e+08 1.25e+08 1.50e+08

BFL 6 HanXRQChr12 10MB window haplotypecount Observed haplotypes

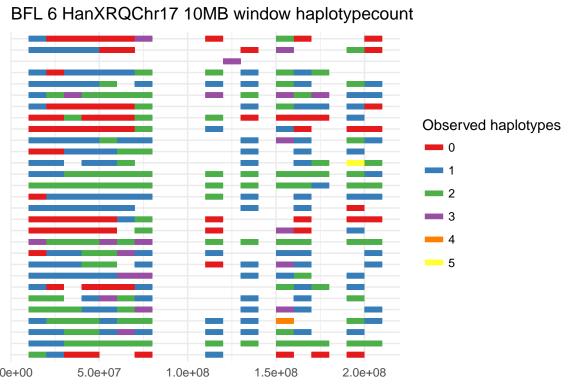


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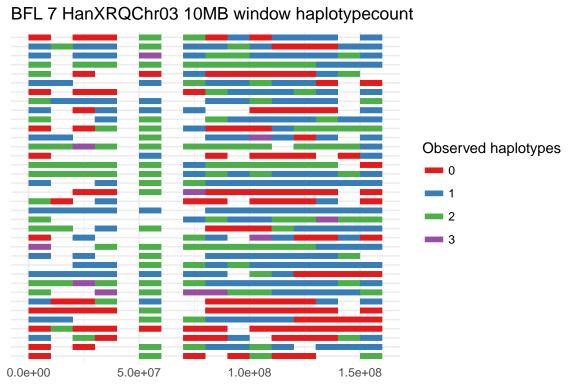
BFL 6 HanXRQChr15 10MB window haplotypecount Observed haplotypes **2** 1.0e+08 5.0e+07 1.5e + 08

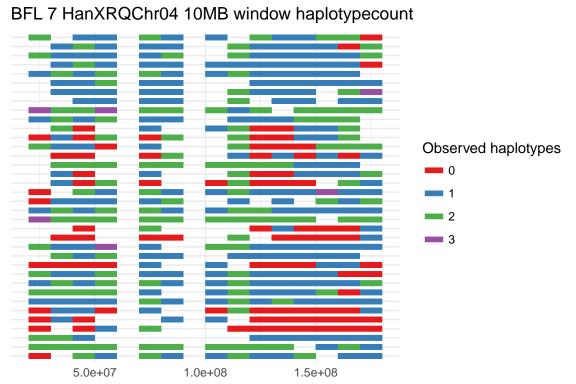
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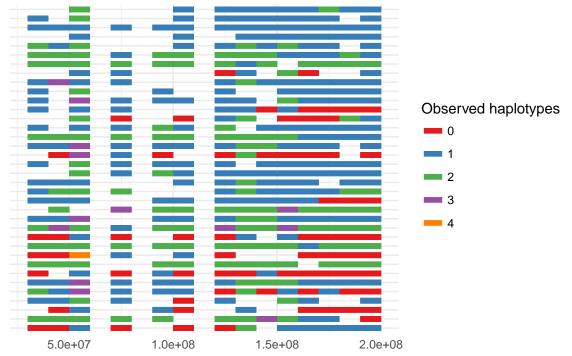
BFL 7 HanXRQChr01 10MB window haplotypecount Observed haplotypes 1e+08 0e+00 5e+07

BFL 7 HanXRQChr02 10MB window haplotypecount Observed haplotypes 4.0e+07 8.0e+07 1.2e+08 1.6e + 08





BFL 7 HanXRQChr05 10MB window haplotypecount



BFL 7 HanXRQChr06 10MB window haplotypecount Observed haplotypes

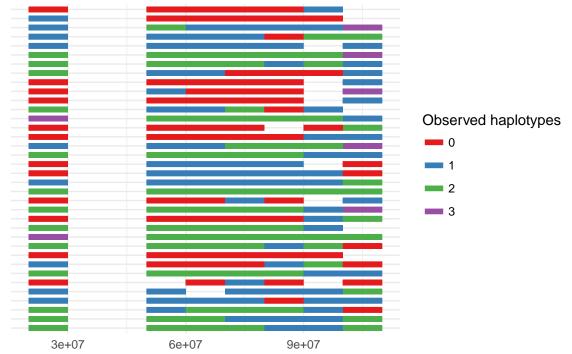
7.5e + 07

1.0e+08

2.5e+07

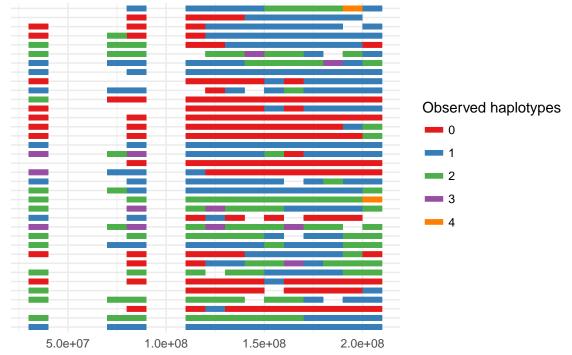
5.0e+07

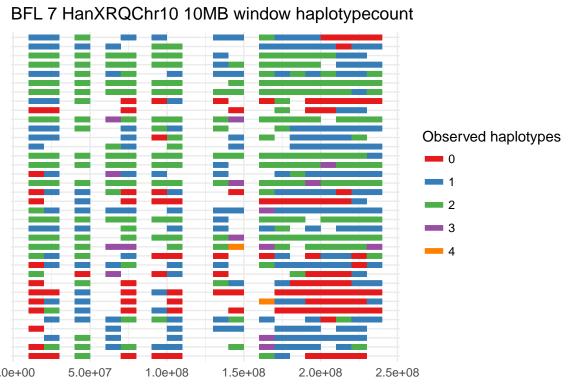
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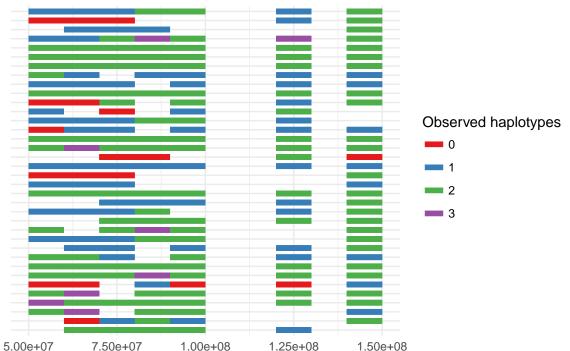
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BFL 7 HanXRQChr09 10MB window haplotypecount

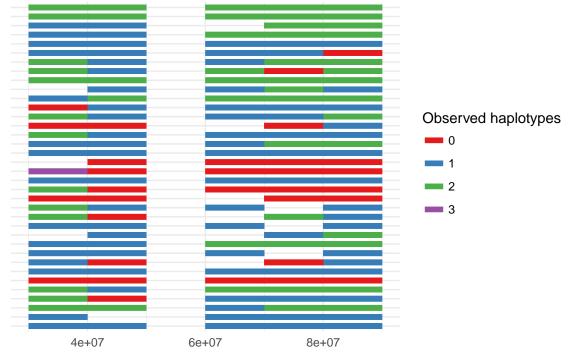




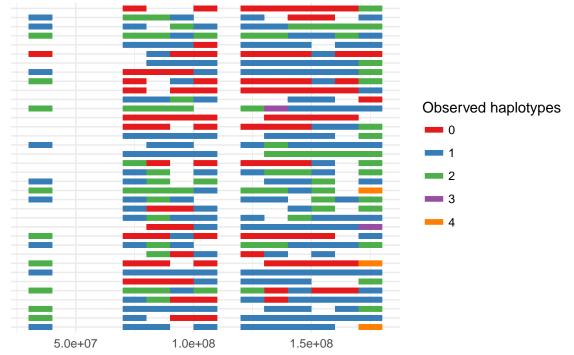
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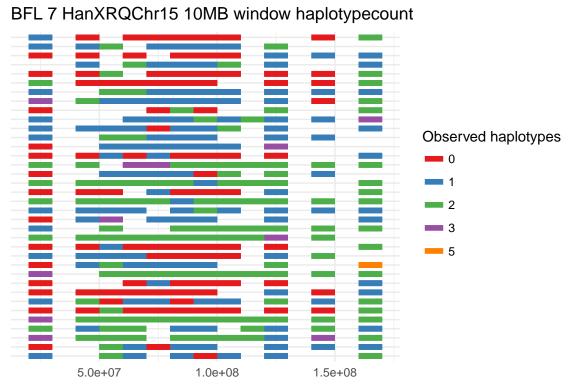
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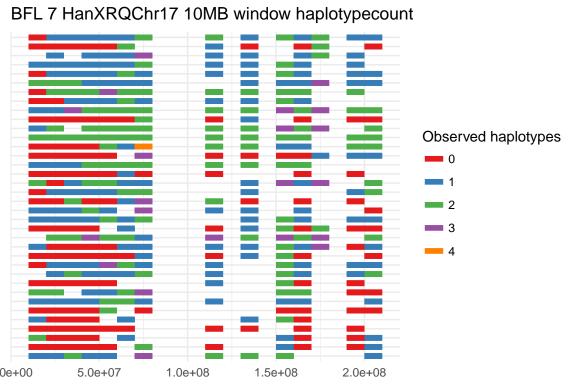
BFL 7 HanXRQChr13 10MB window haplotypecount



BFL 7 HanXRQChr14 10MB window haplotypecount Observed haplotypes _ 2 **3** 1.6e+08 4.0e+07 8.0e+07 1.2e+08

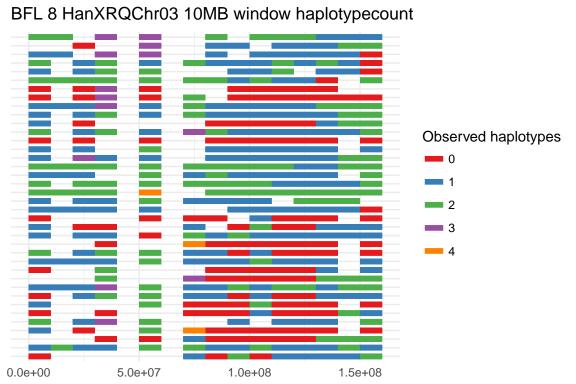


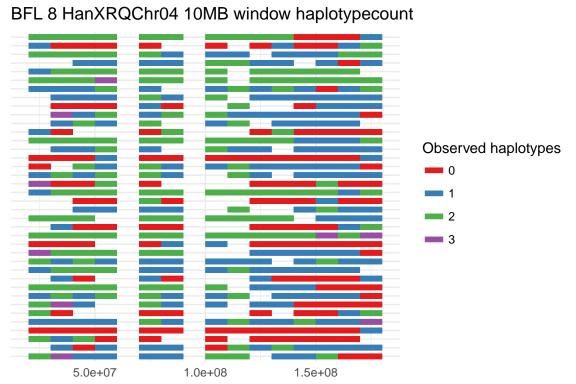
BFL 7 HanXRQChr16 10MB window haplotypecount Observed haplotypes **2 3** 1.5e+08 5.0e+07 1.0e+08



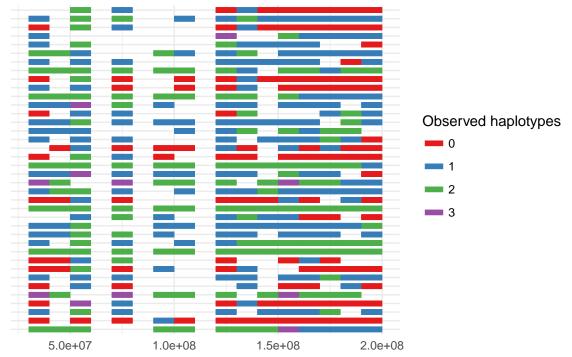
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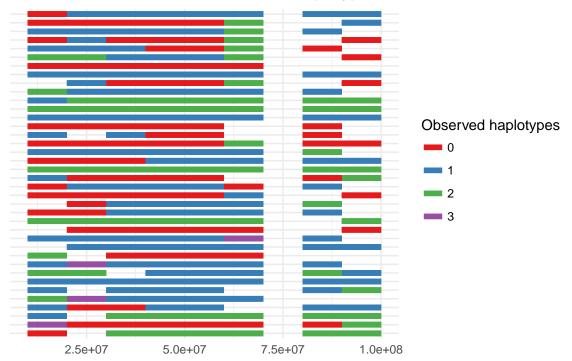




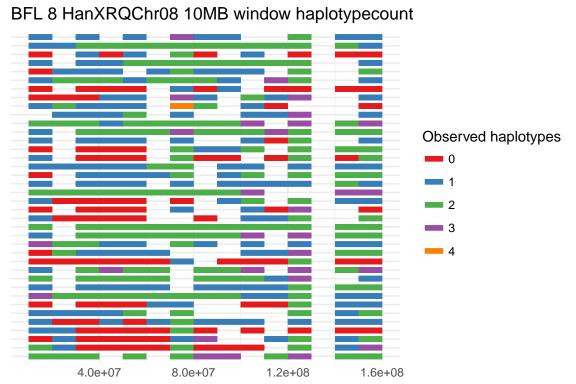
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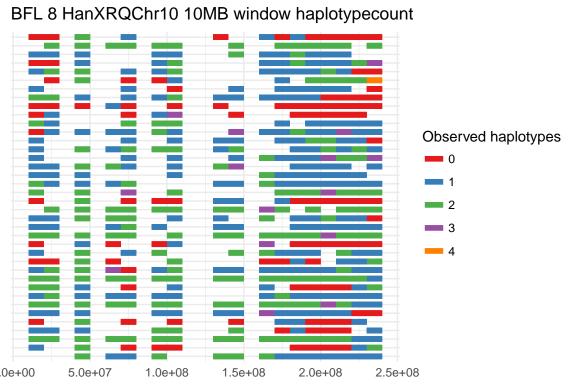
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BFL 8 HanXRQChr07 10MB window haplotypecount Observed haplotypes 3 3e+07 6e+07 9e+07

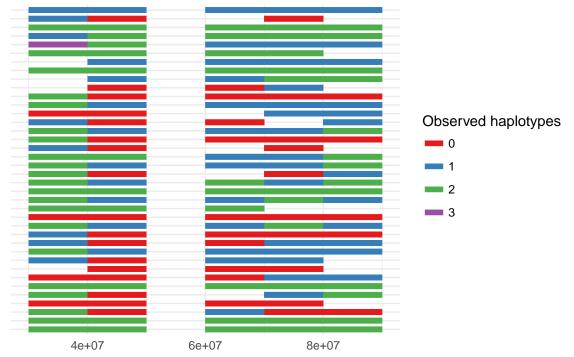


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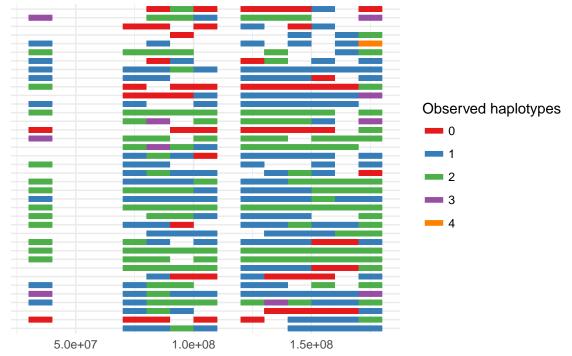


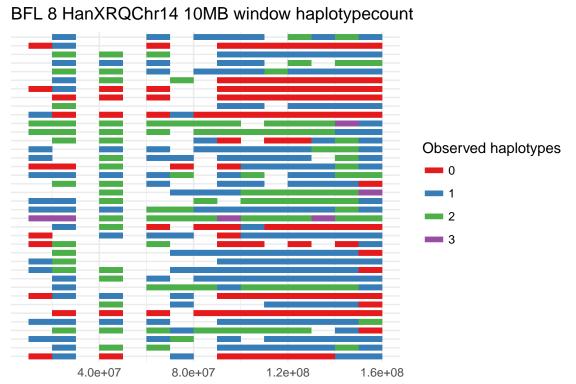
BFL 8 HanXRQChr11 10MB window haplotypecount Observed haplotypes 5.00e+07 7.50e+07 1.00e+08 1.25e+08 1.50e+08

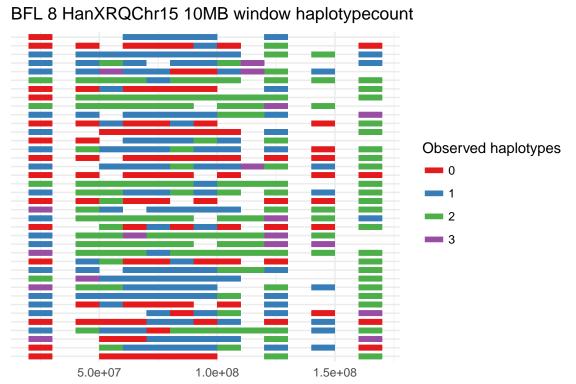
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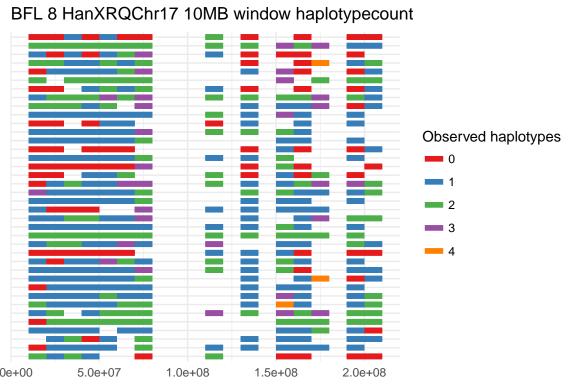
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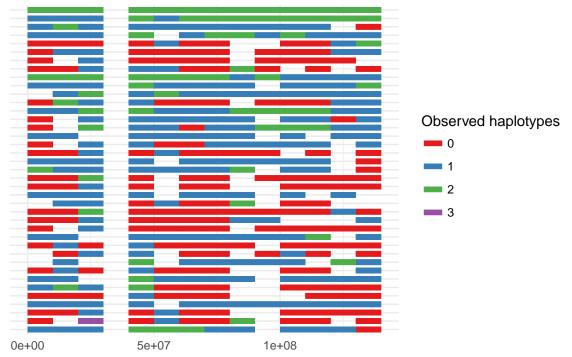




BFL 8 HanXRQChr16 10MB window haplotypecount Observed haplotypes **2 3** 5.0e+07 1.0e+08 1.5e+08

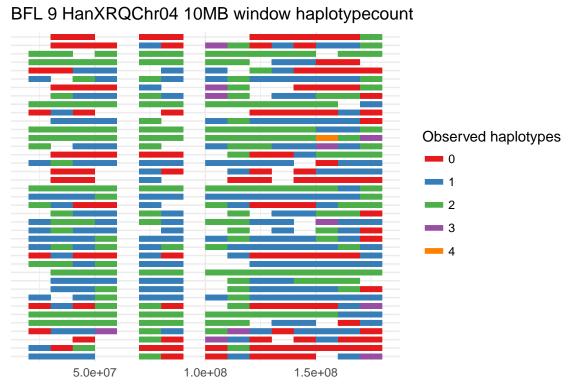


BFL 9 HanXRQChr01 10MB window haplotypecount



BFL 9 HanXRQChr02 10MB window haplotypecount Observed haplotypes 4.0e+07 8.0e+07 1.2e+08 1.6e + 08

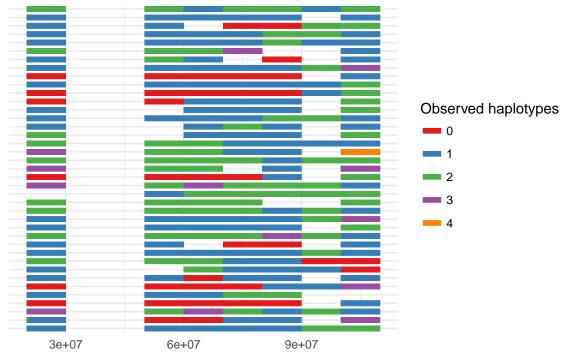
BFL 9 HanXRQChr03 10MB window haplotypecount Observed haplotypes **0 3** 0.0e + 005.0e+07 1.0e+08 1.5e + 08



BFL 9 HanXRQChr05 10MB window haplotypecount Observed haplotypes **0 3** 5.0e+07 1.0e+08 1.5e + 082.0e+08

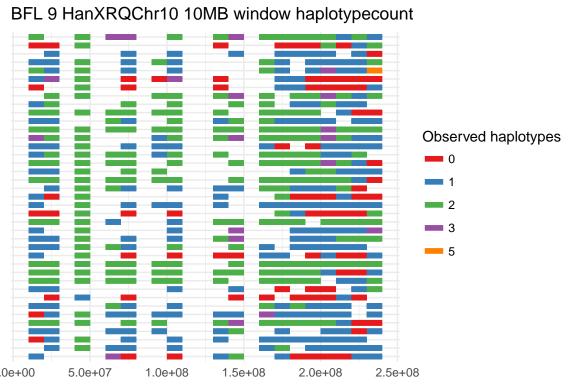
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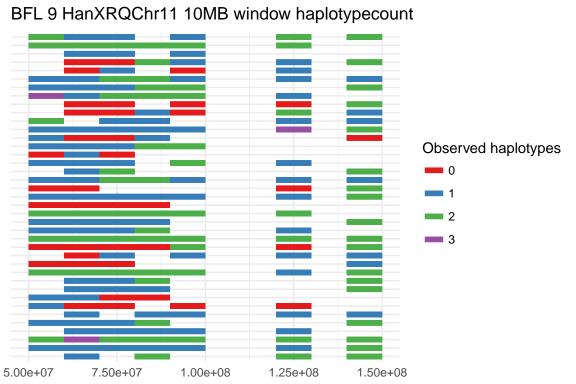
BFL 9 HanXRQChr07 10MB window haplotypecount



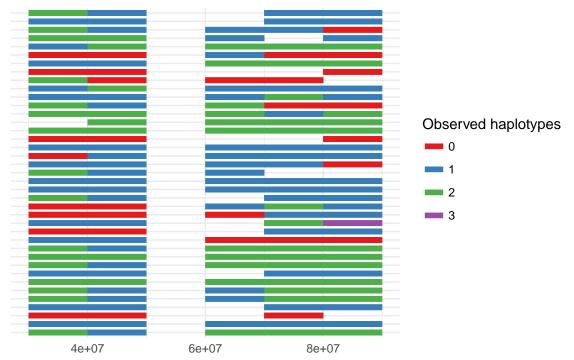
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BFL 9 HanXRQChr09 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e+08 1.5e+08 2.0e+08



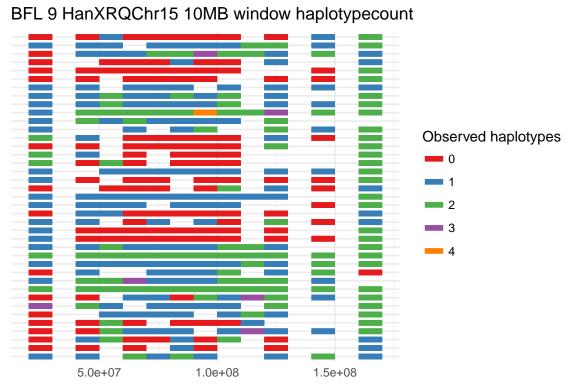


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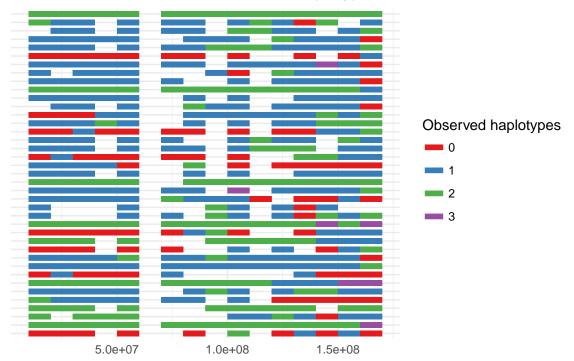


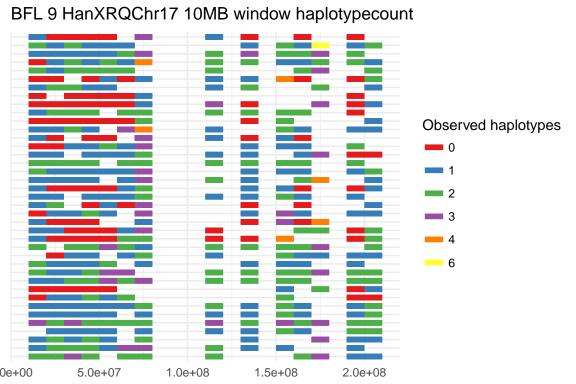
BFL 9 HanXRQChr13 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e + 081.5e+08

BFL 9 HanXRQChr14 10MB window haplotypecount Observed haplotypes 4.0e+07 8.0e+07 1.2e+08 1.6e+08

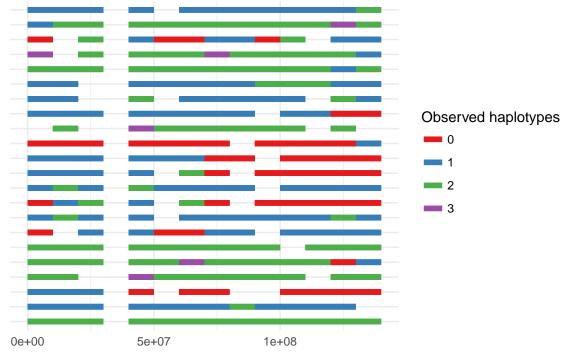


BFL 9 HanXRQChr16 10MB window haplotypecount



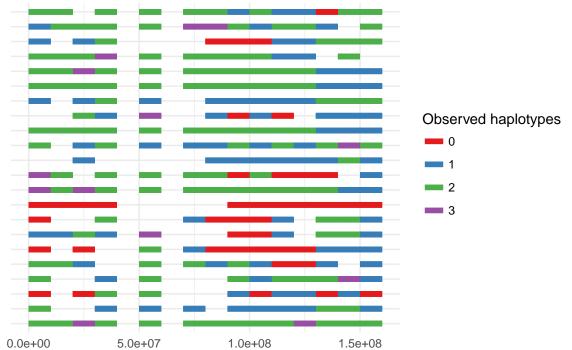


BFL 7.5 HanXRQChr01 10MB window haplotypecount



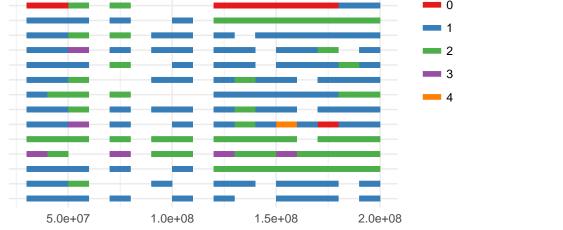
BFL 7.5 HanXRQChr02 10MB window haplotypecount Observed haplotypes 1.6e+08 4.0e+07 8.0e+07 1.2e+08

BFL 7.5 HanXRQChr03 10MB window haplotypecount

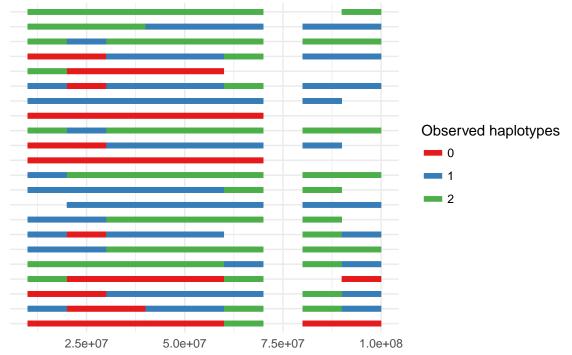


BFL 7.5 HanXRQChr04 10MB window haplotypecount Observed haplotypes **3** 1.0e+08 1.5e+08 5.0e+07

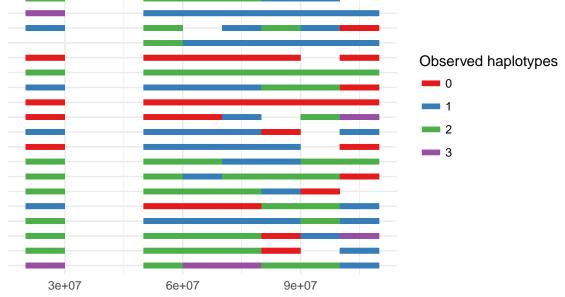
BFL 7.5 HanXRQChr05 10MB window haplotypecount Observed haplotypes

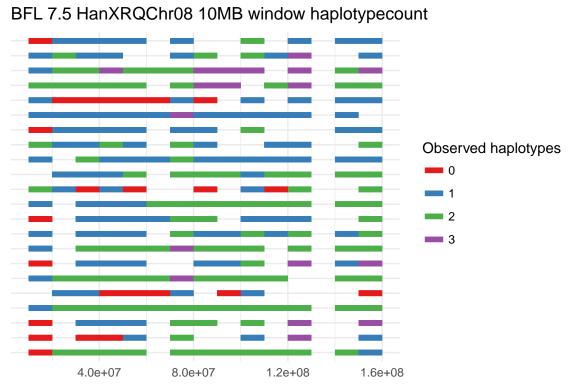


BFL 7.5 HanXRQChr06 10MB window haplotypecount

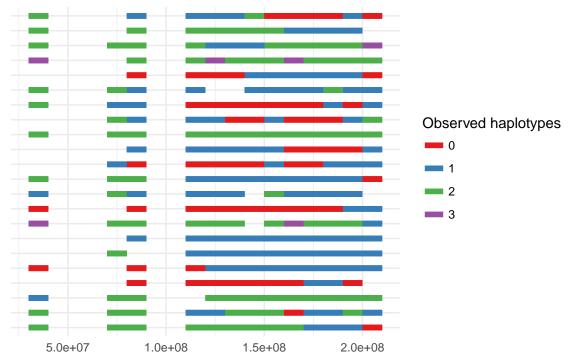


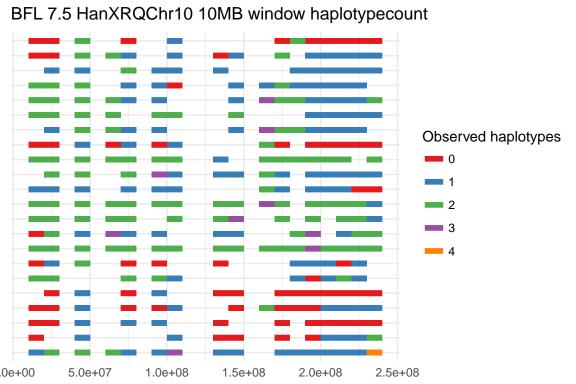
BFL 7.5 HanXRQChr07 10MB window haplotypecount Observed haplotypes



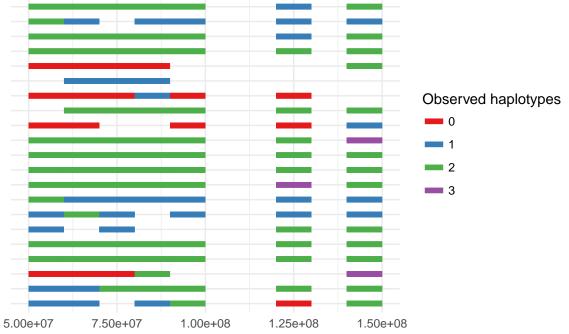


BFL 7.5 HanXRQChr09 10MB window haplotypecount

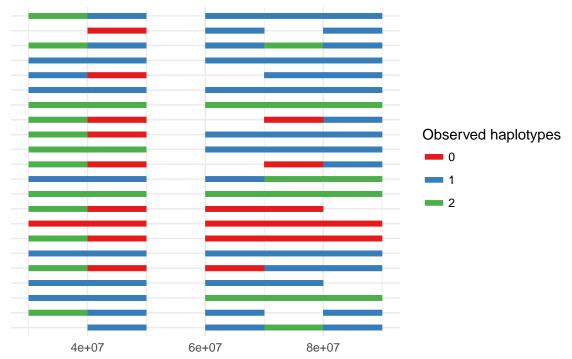


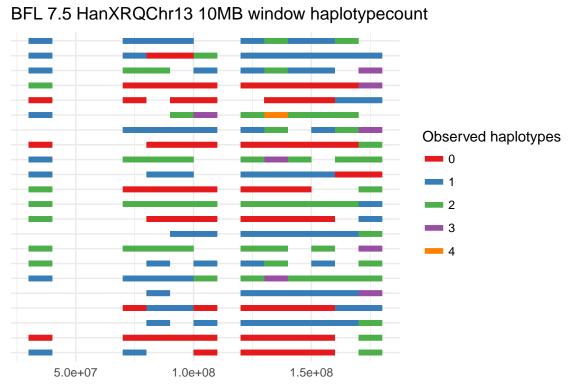


BFL 7.5 HanXRQChr11 10MB window haplotypecount Observed haplotypes

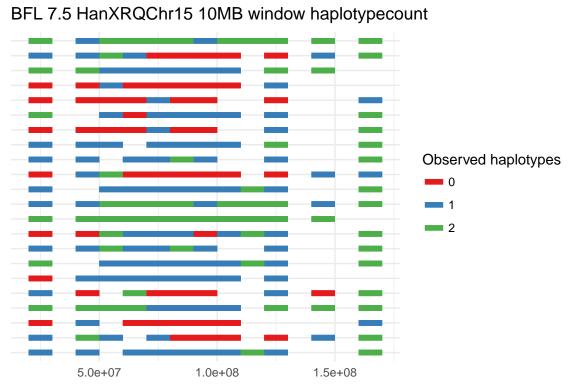


BFL 7.5 HanXRQChr12 10MB window haplotypecount

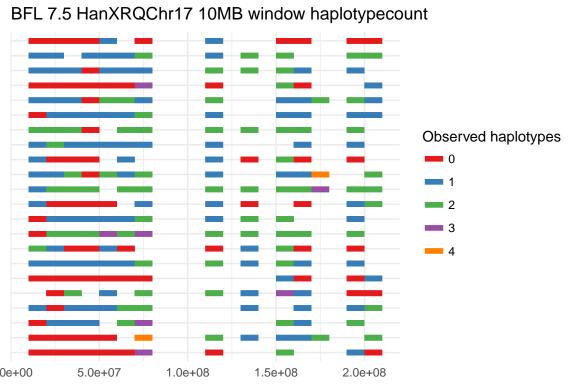


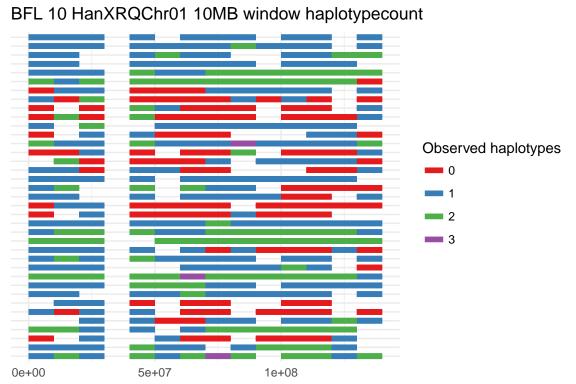


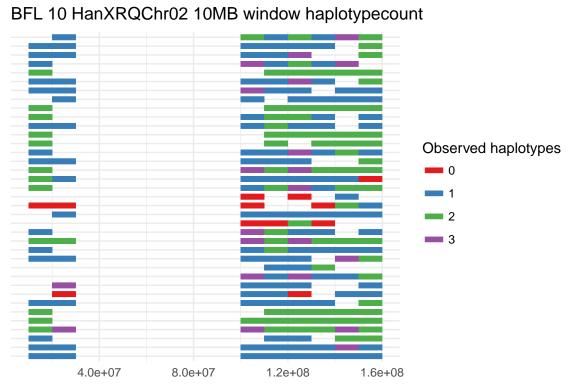
BFL 7.5 HanXRQChr14 10MB window haplotypecount Observed haplotypes ____3 4.0e+07 8.0e+07 1.2e+08 1.6e + 08

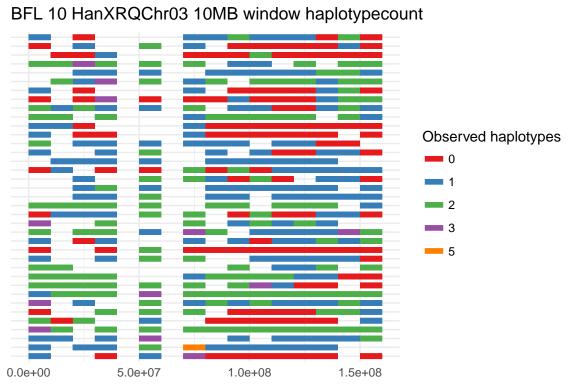


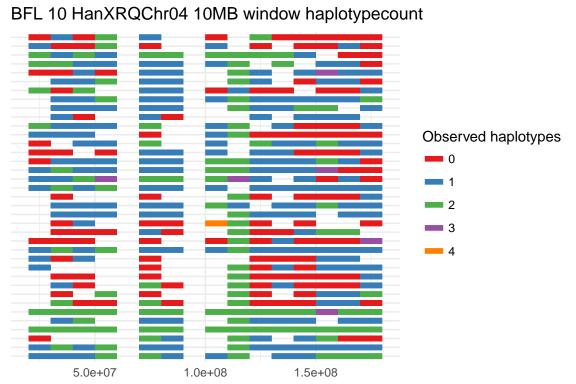
BFL 7.5 HanXRQChr16 10MB window haplotypecount Observed haplotypes 1.5e+08 5.0e+07 1.0e+08



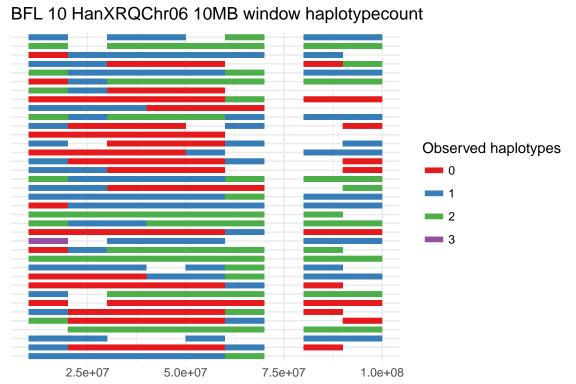


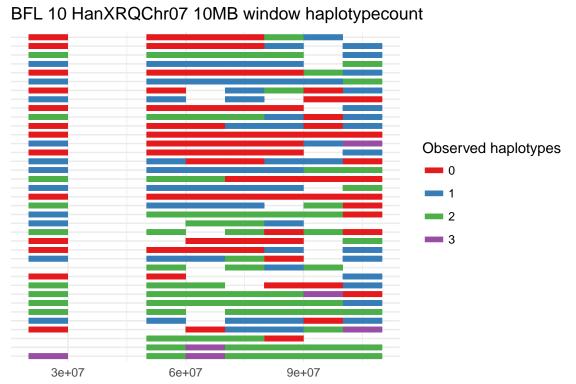


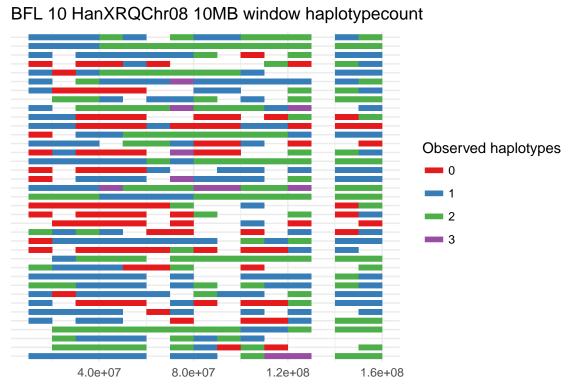




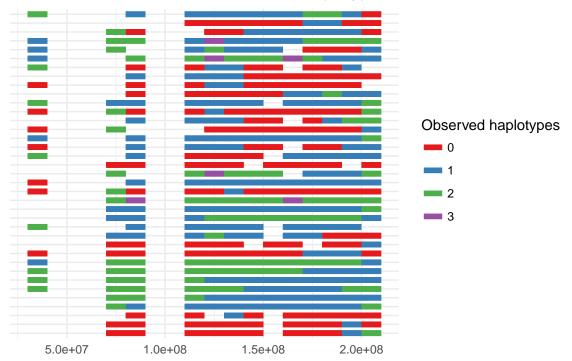
BFL 10 HanXRQChr05 10MB window haplotypecount Observed haplotypes _ 2 **3** 5.0e+07 1.0e+08 1.5e + 082.0e+08

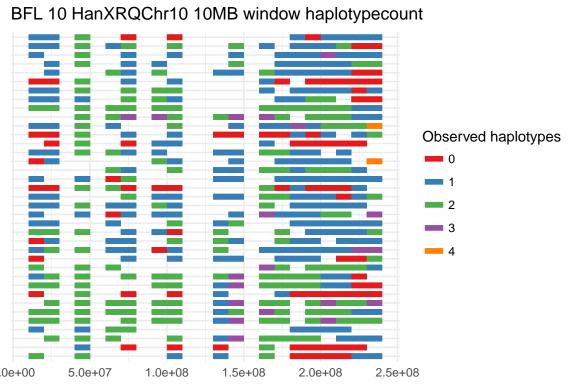


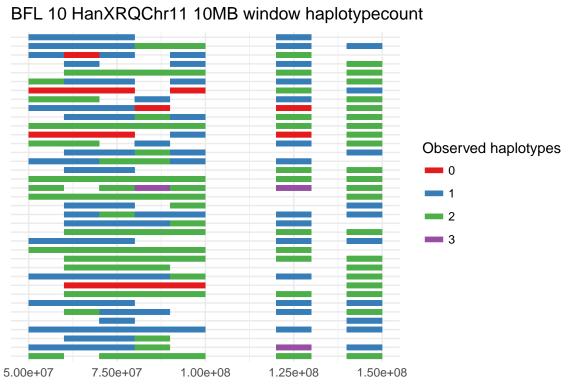




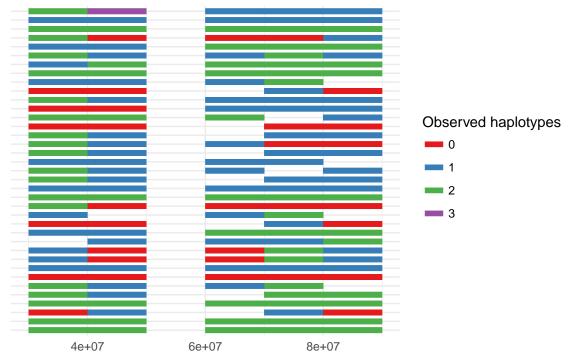
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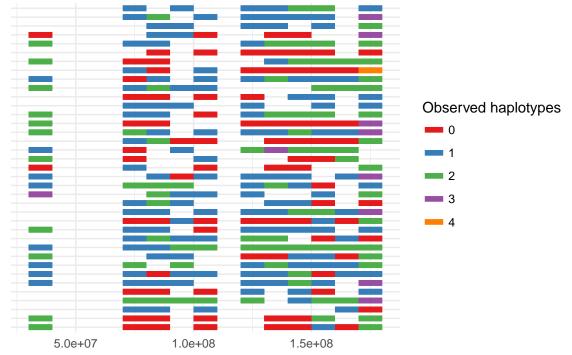


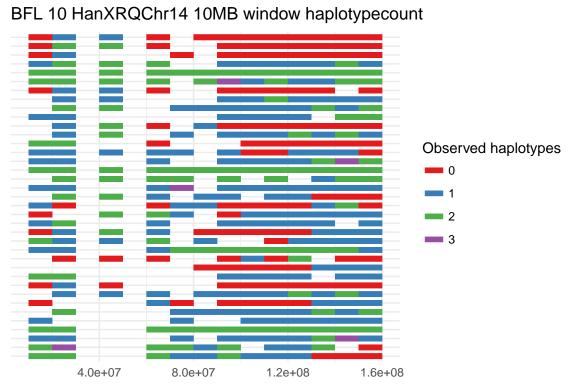


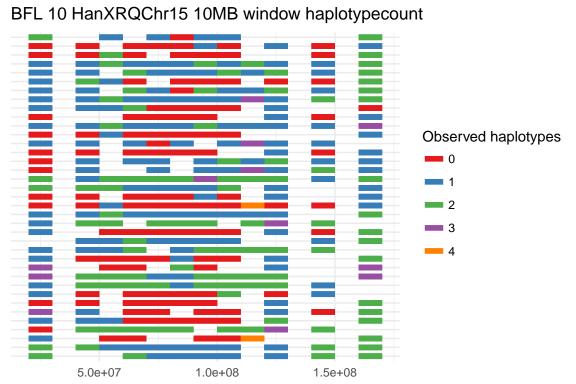
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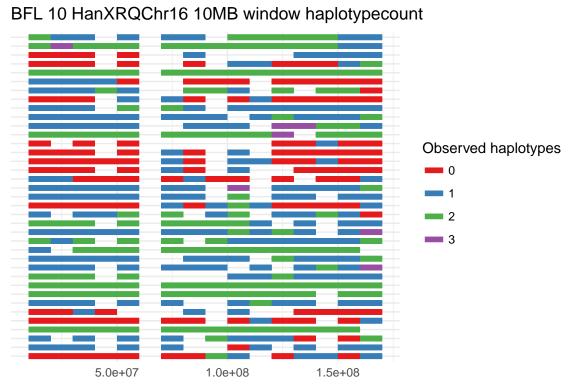


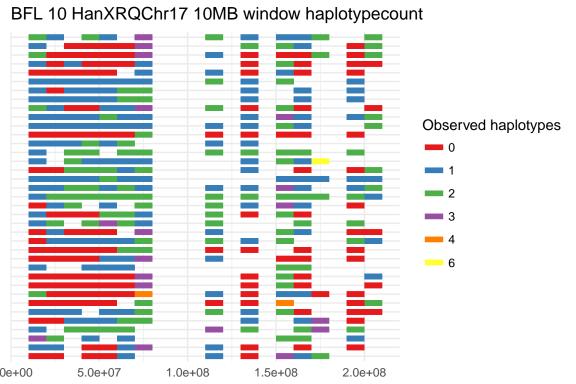
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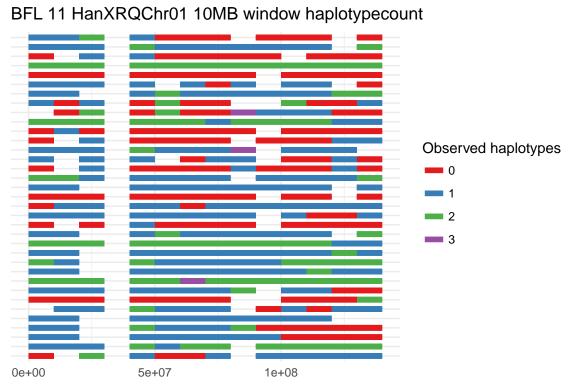


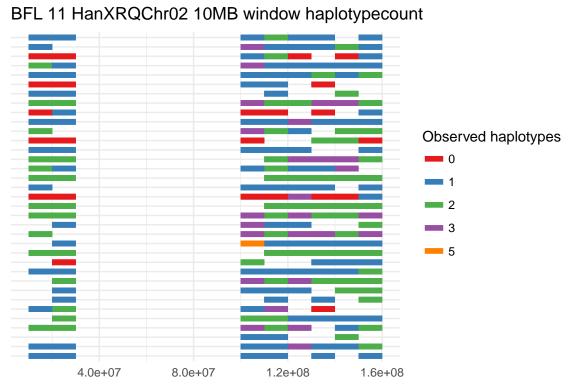


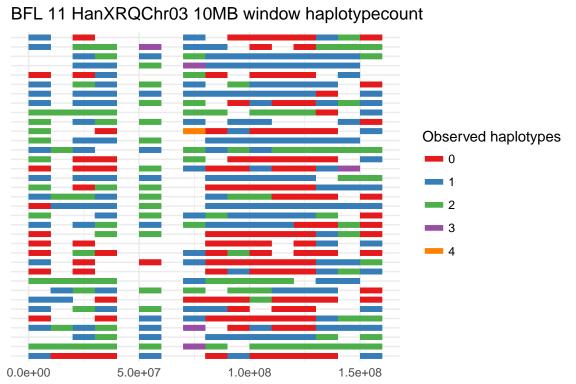


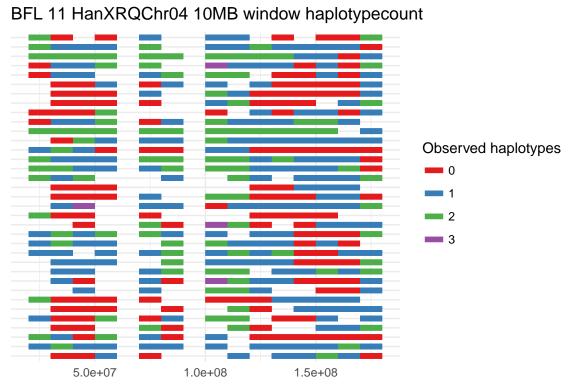


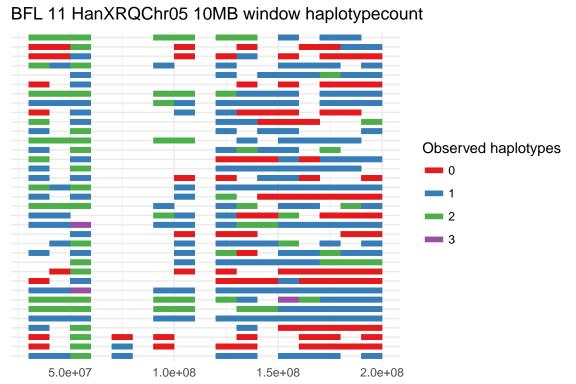


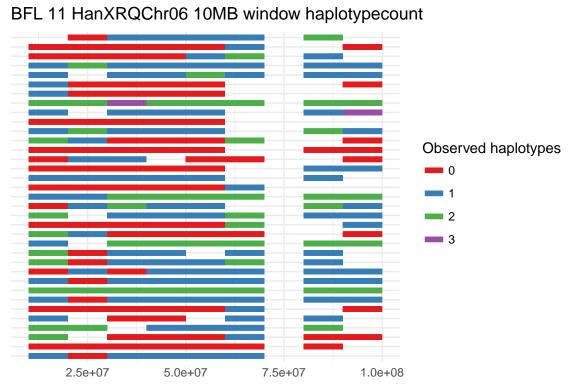


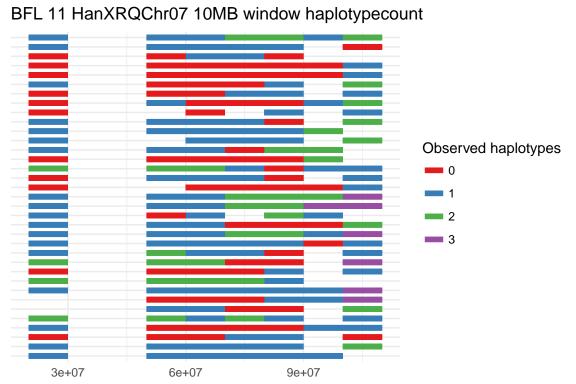


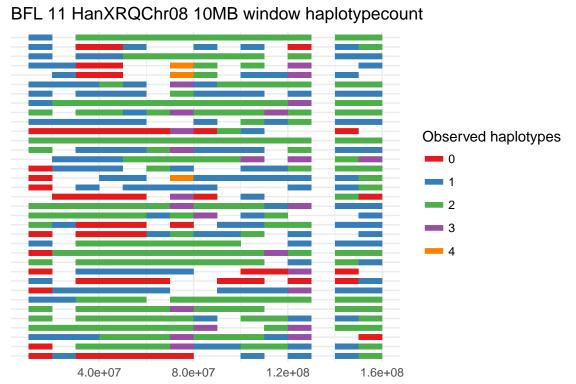




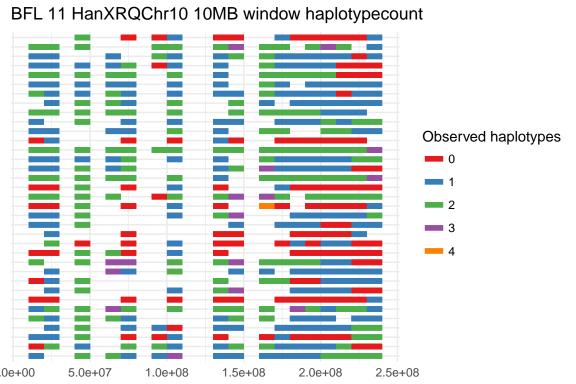


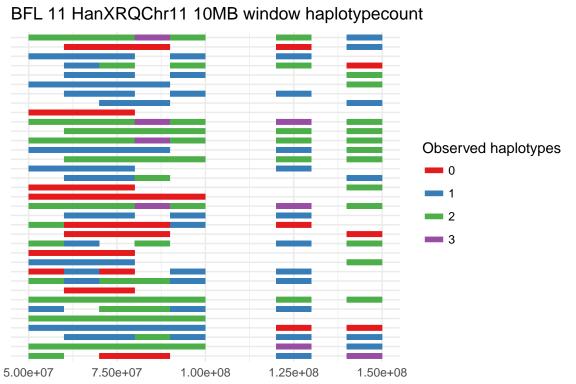


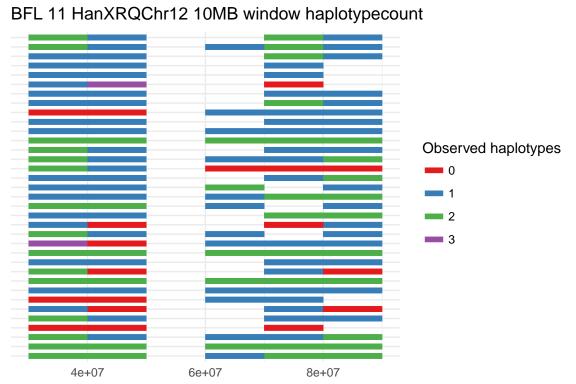


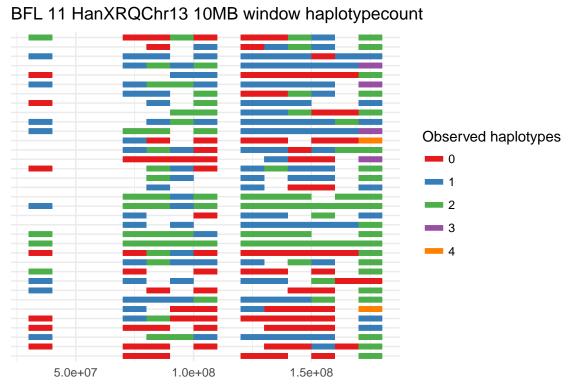


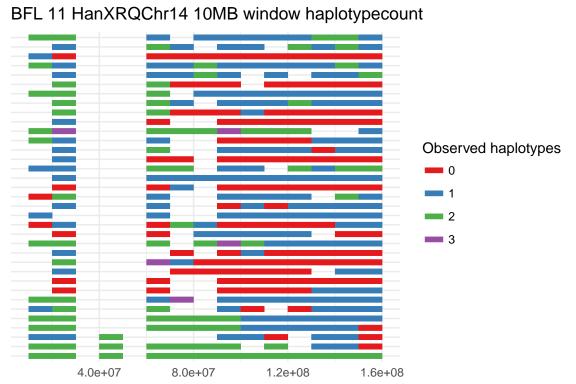
BFL 11 HanXRQChr09 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e+08 1.5e+08 2.0e+08

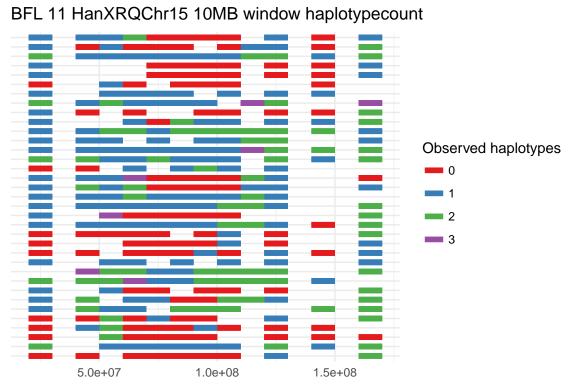


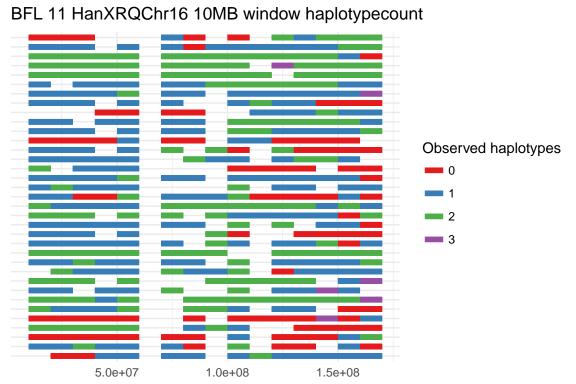


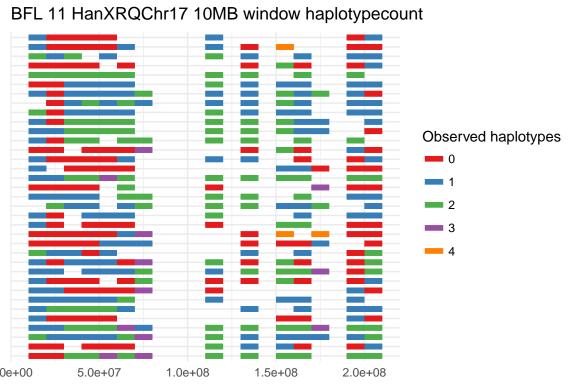




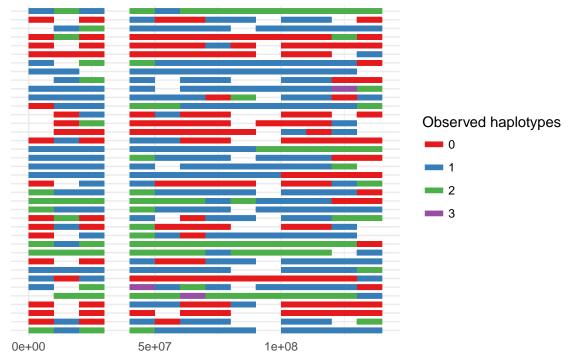


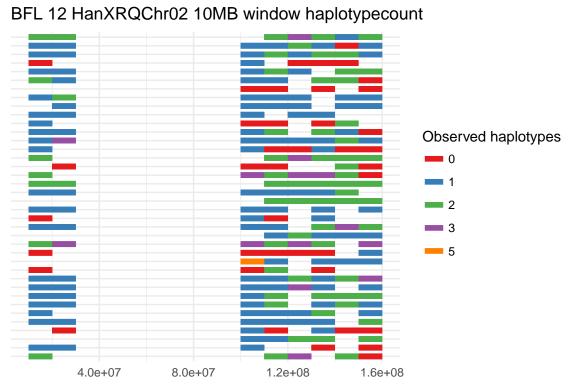




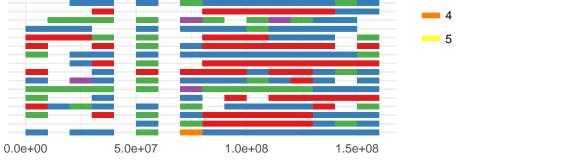


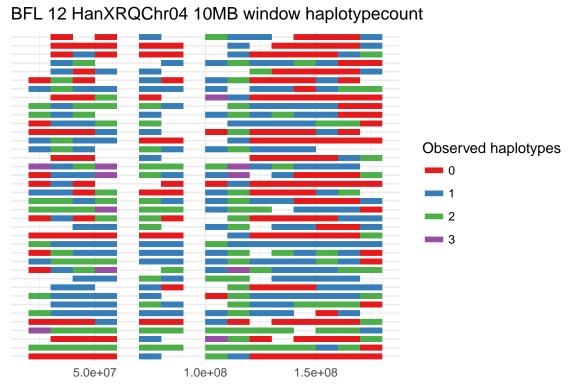
BFL 12 HanXRQChr01 10MB window haplotypecount



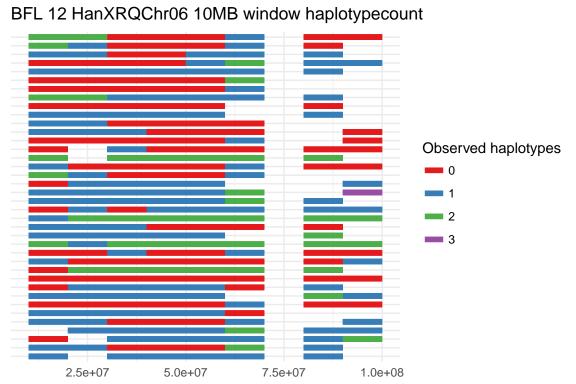


BFL 12 HanXRQChr03 10MB window haplotypecount Observed haplotypes **0** 5

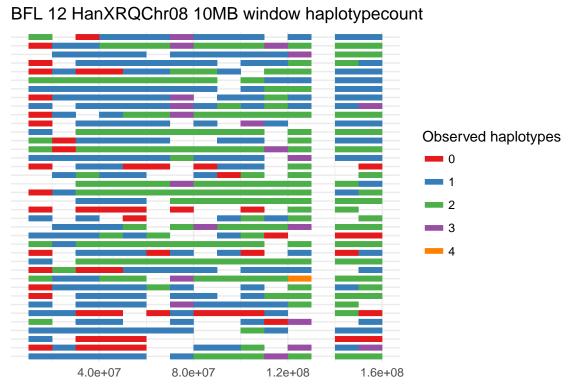




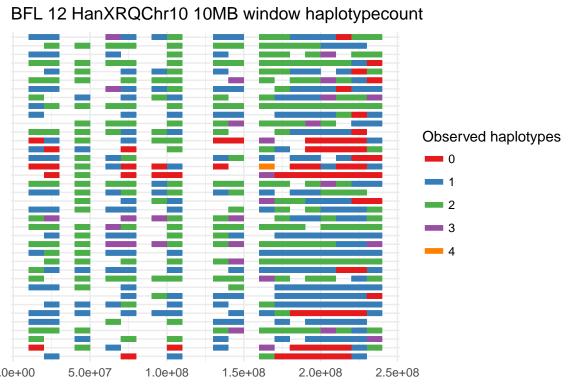
BFL 12 HanXRQChr05 10MB window haplotypecount Observed haplotypes _ 2 **3** 5.0e+07 1.0e+08 1.5e+08 2.0e+08



BFL 12 HanXRQChr07 10MB window haplotypecount Observed haplotypes 3 3e+07 6e+07 9e+07

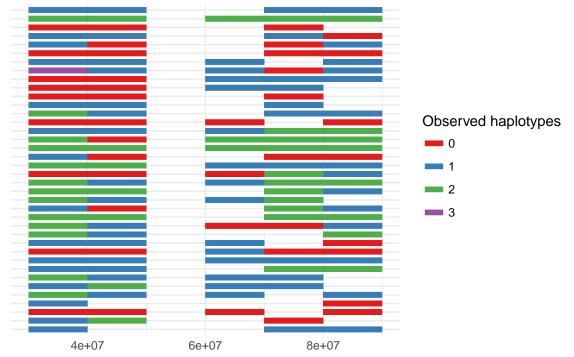


BFL 12 HanXRQChr09 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e+08 1.5e+08 2.0e+08

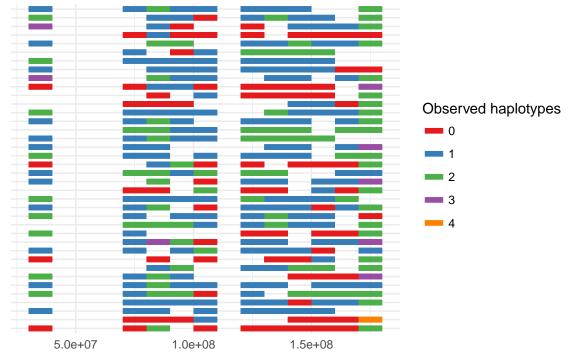


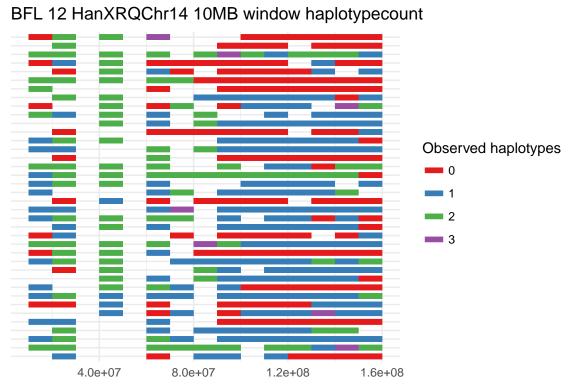
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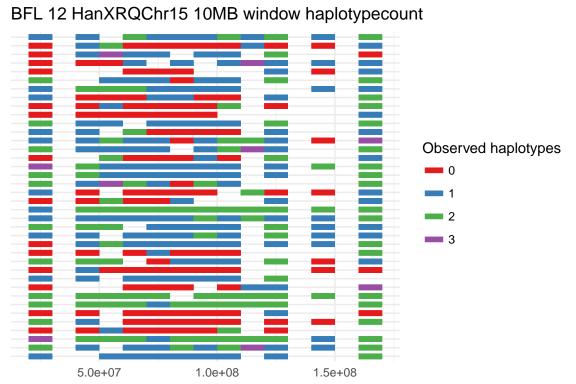
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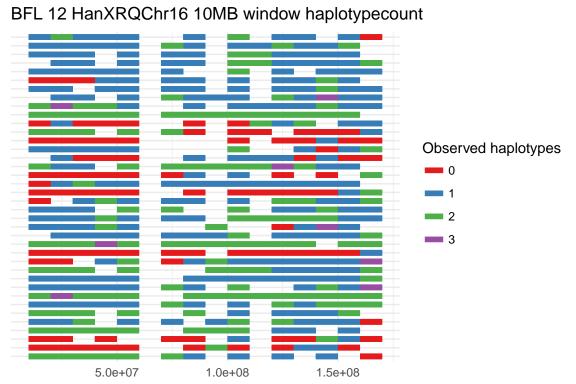


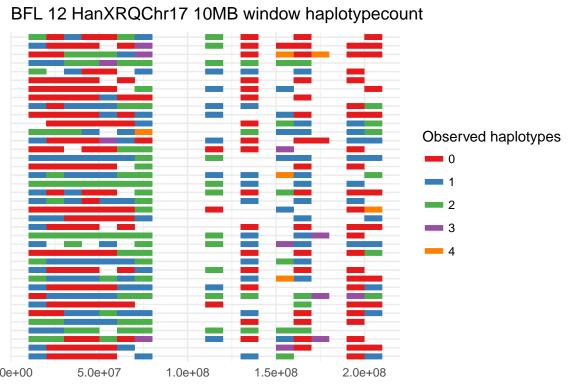
BFL 12 HanXRQChr13 10MB window haplotypecount





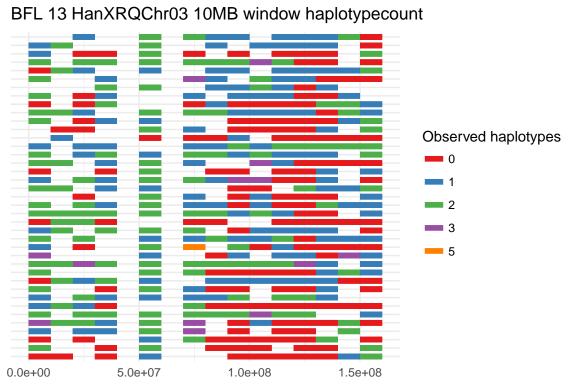


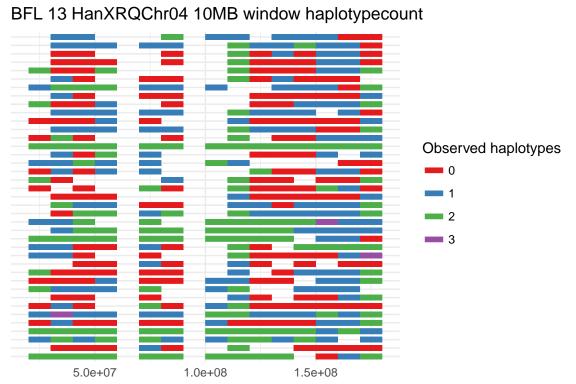




BFL 13 HanXRQChr01 10MB window haplotypecount Observed haplotypes 0e+00 5e+07 1e+08

BFL 13 HanXRQChr02 10MB window haplotypecount Observed haplotypes 4.0e+07 8.0e+07 1.2e+08 1.6e + 08

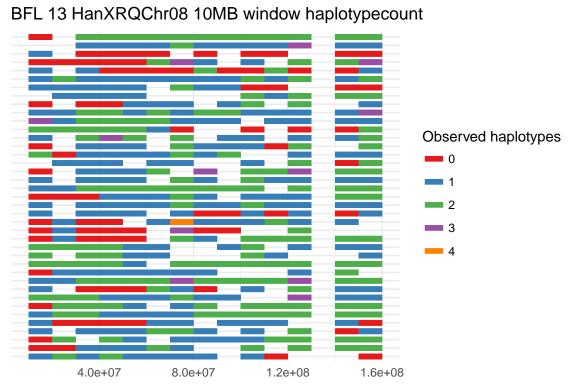




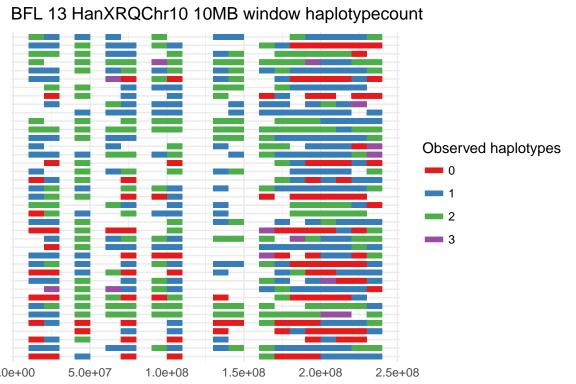
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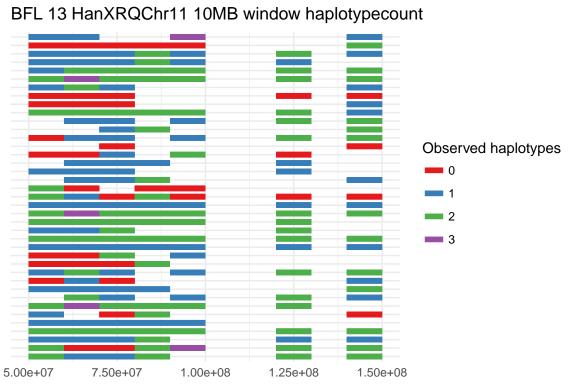
BFL 13 HanXRQChr06 10MB window haplotypecount Observed haplotypes 2.5e+07 5.0e+07 7.5e + 071.0e+08

BFL 13 HanXRQChr07 10MB window haplotypecount Observed haplotypes 3e+07 6e+07 9e+07

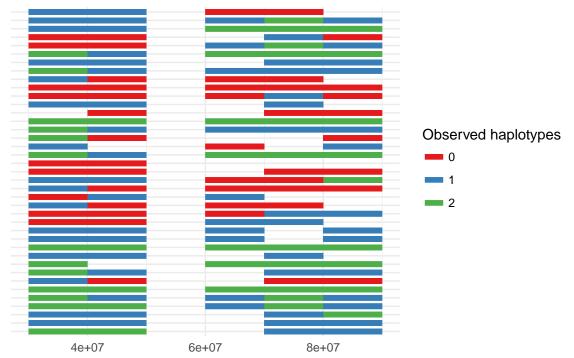


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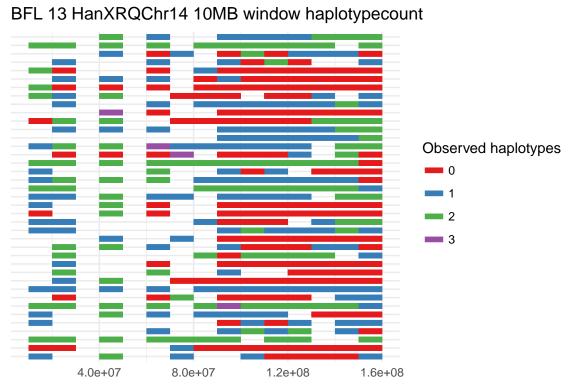




BFL 13 HanXRQChr12 10MB window haplotypecount

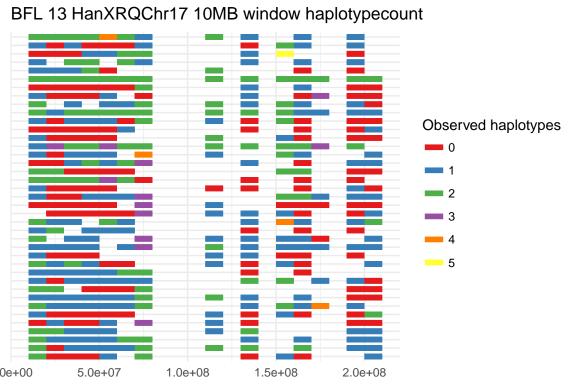


BFL 13 HanXRQChr13 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e+08 1.5e+08

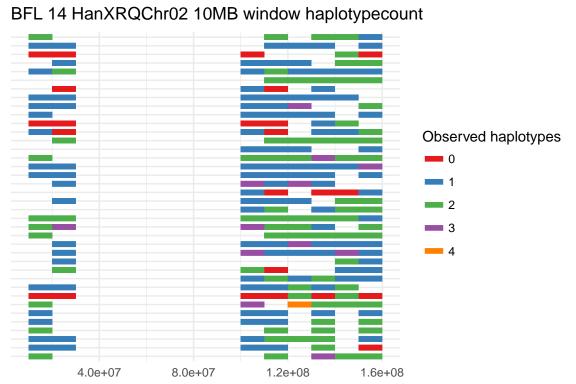


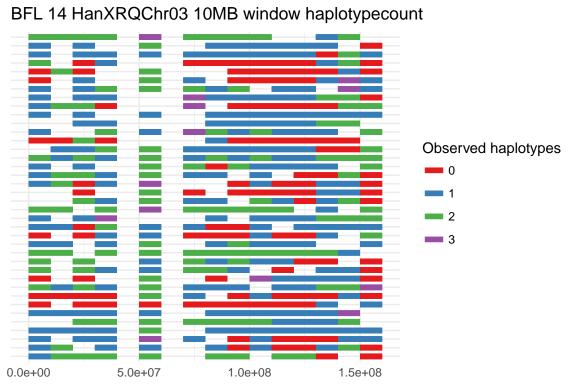
BFL 13 HanXRQChr15 10MB window haplotypecount Observed haplotypes **0 3** 5.0e+07 1.0e+08 1.5e+08

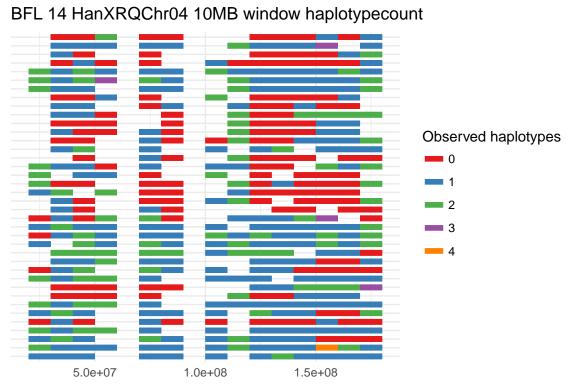
BFL 13 HanXRQChr16 10MB window haplotypecount Observed haplotypes **2** 5.0e+07 1.0e+08 1.5e+08



BFL 14 HanXRQChr01 10MB window haplotypecount Observed haplotypes _ 2 **3** 0e+00 5e+07 1e+08



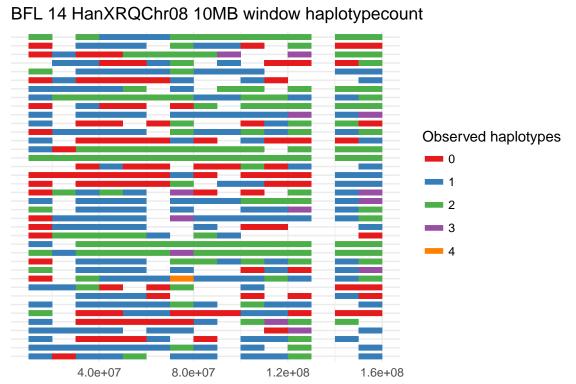




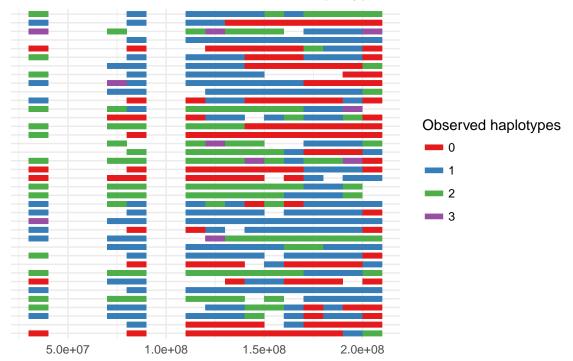
BFL 14 HanXRQChr05 10MB window haplotypecount Observed haplotypes _ 2 3 2.0e+08 5.0e+07 1.0e+08 1.5e + 08

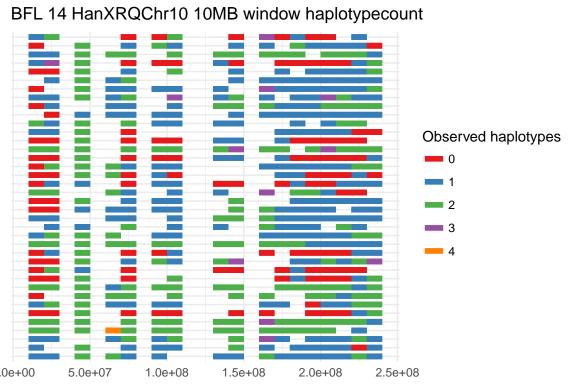
BFL 14 HanXRQChr06 10MB window haplotypecount Observed haplotypes 2.5e+07 5.0e+07 7.5e + 071.0e + 08

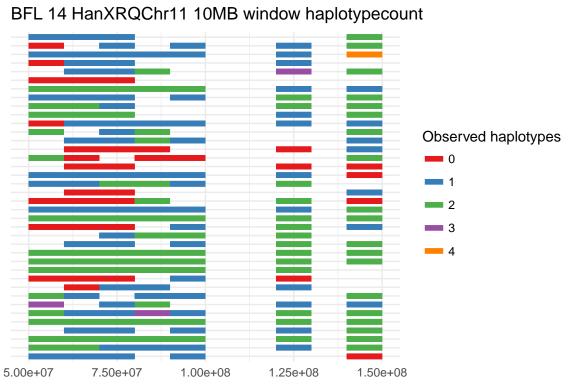
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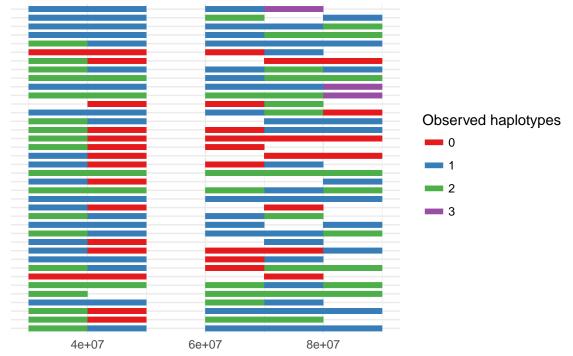
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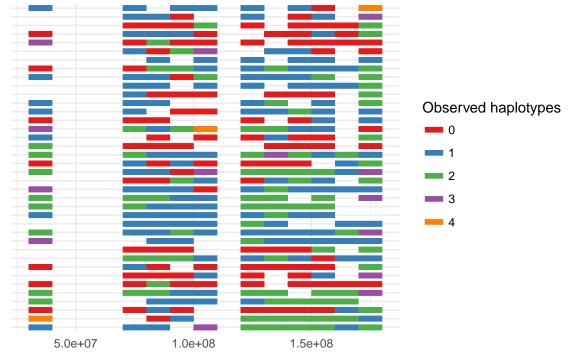


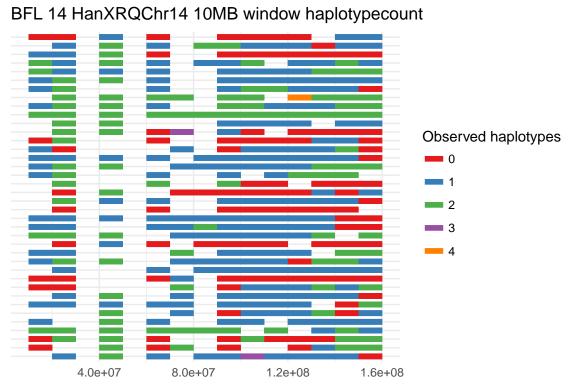


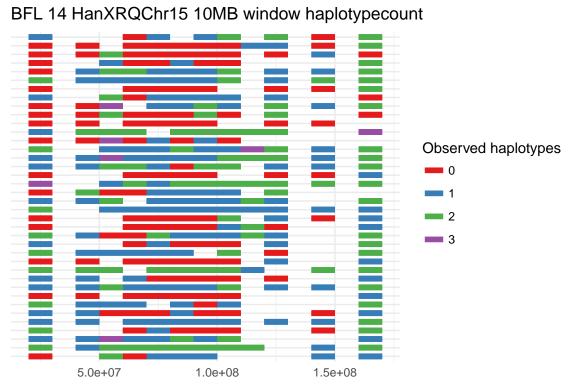
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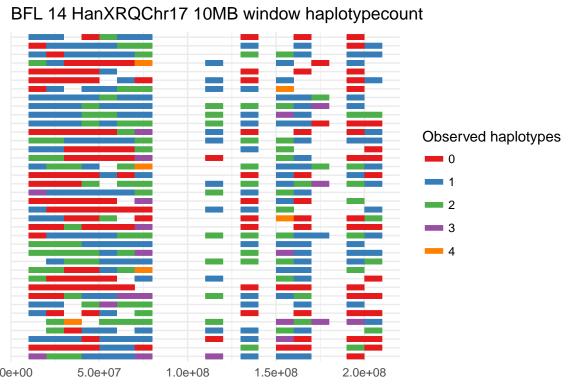
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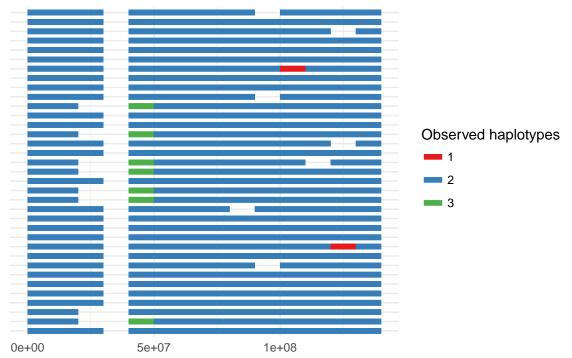


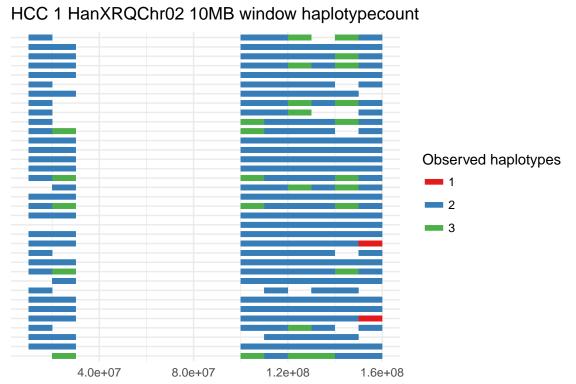


BFL 14 HanXRQChr16 10MB window haplotypecount Observed haplotypes **2 3** 1.0e+08 5.0e+07 1.5e+08



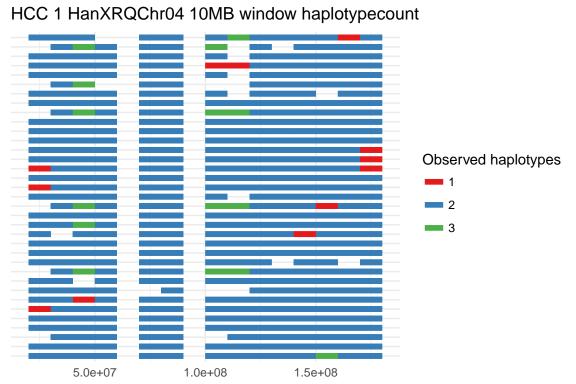
HCC 1 HanXRQChr01 10MB window haplotypecount





HCC 1 HanXRQChr03 10MB window haplotypecount Observed haplotypes **3**





HCC 1 HanXRQChr05 10MB window haplotypecount Observed haplotypes **3**

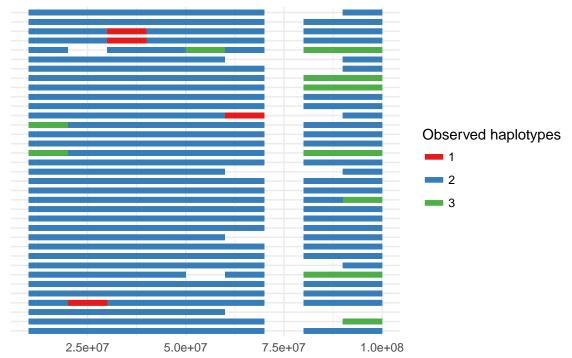
1.5e+08

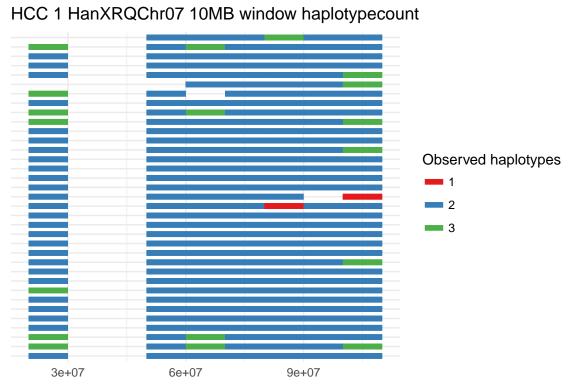
2.0e+08

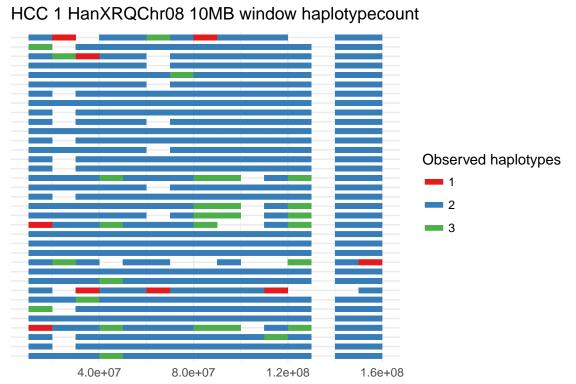
1.0e+08

5.0e+07

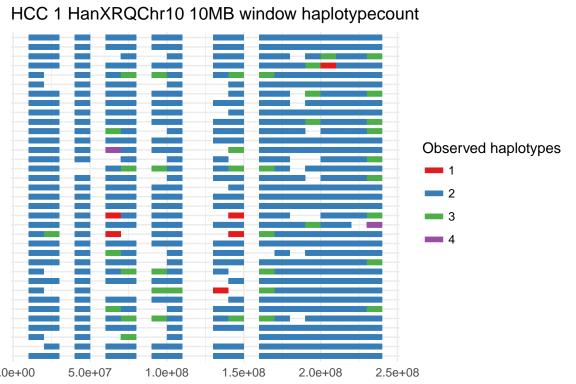
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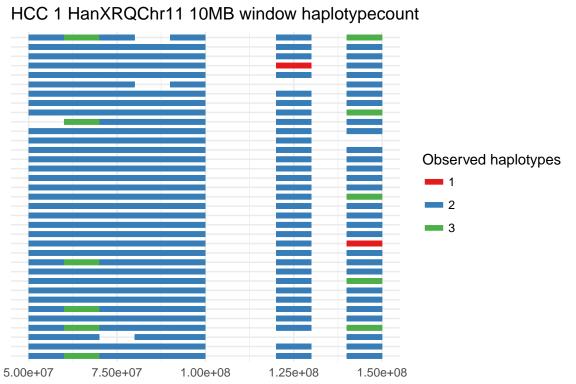


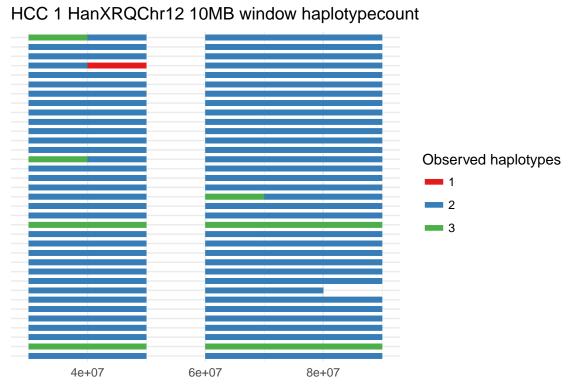




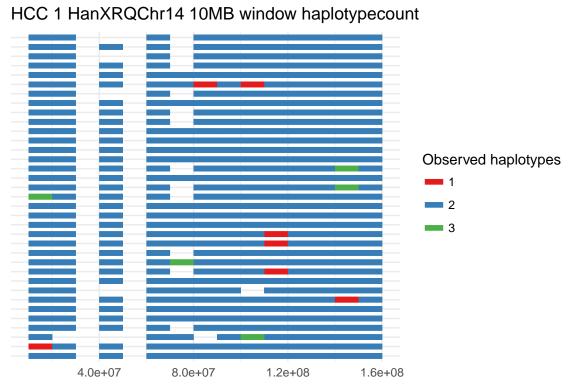
HCC 1 HanXRQChr09 10MB window haplotypecount Observed haplotypes **3** 5.0e+07 1.0e+08 1.5e+08 2.0e+08

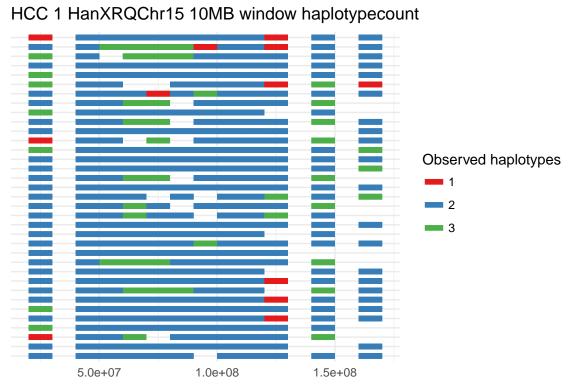




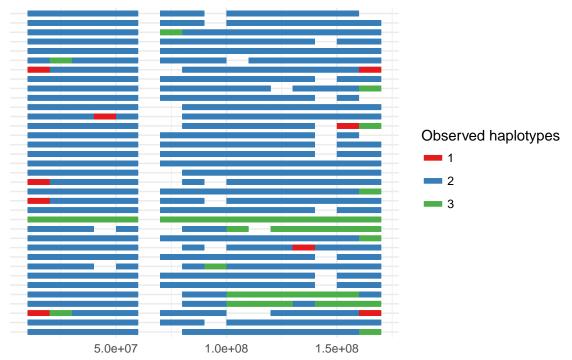


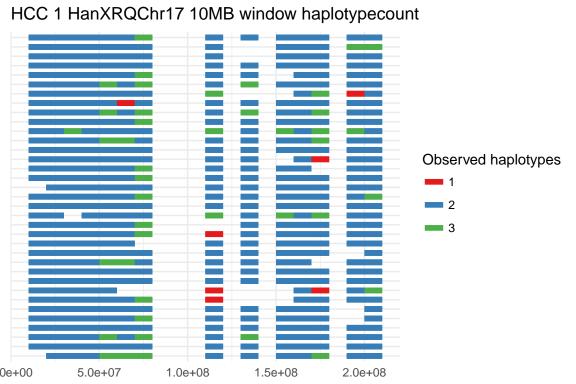
HCC 1 HanXRQChr13 10MB window haplotypecount Observed haplotypes **3** 5.0e+07 1.0e + 081.5e+08



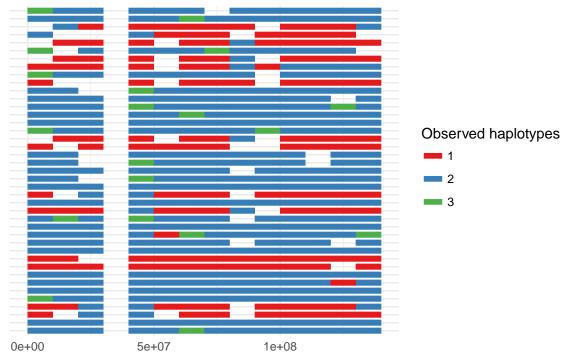


HCC 1 HanXRQChr16 10MB window haplotypecount



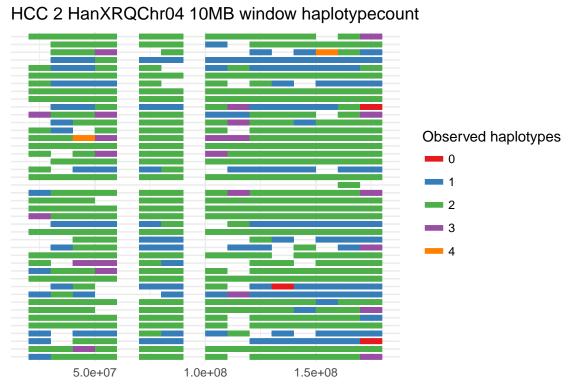


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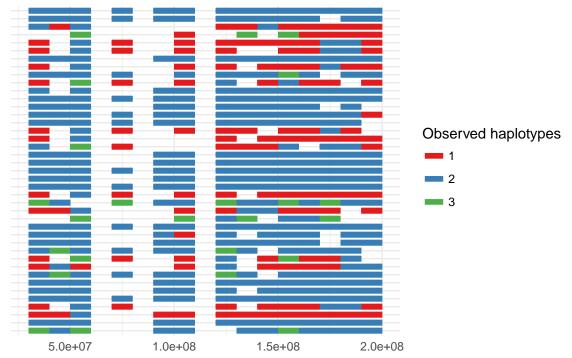


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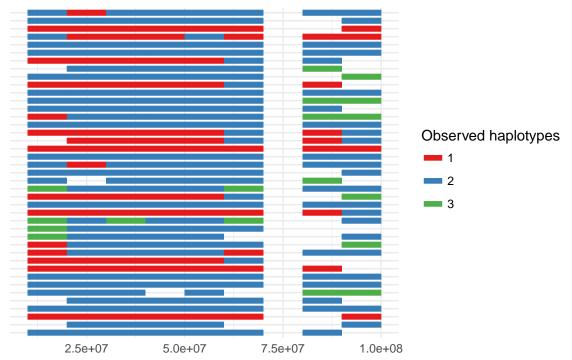
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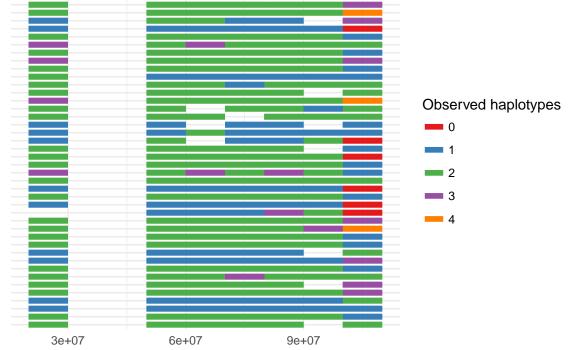
HCC 2 HanXRQChr05 10MB window haplotypecount



HCC 2 HanXRQChr06 10MB window haplotypecount



HCC 2 HanXRQChr07 10MB window haplotypecount



HCC 2 HanXRQChr08 10MB window haplotypecount Observed haplotypes **3** 4.0e+07 8.0e+07 1.2e+08 1.6e+08

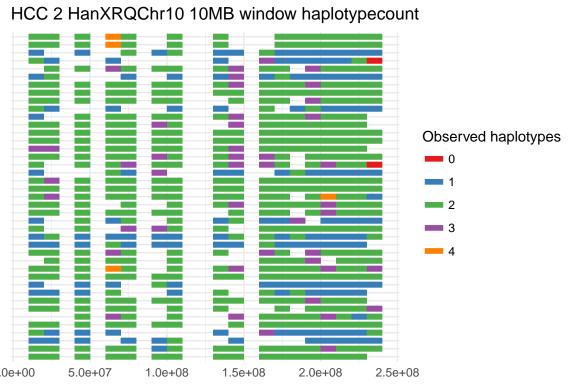
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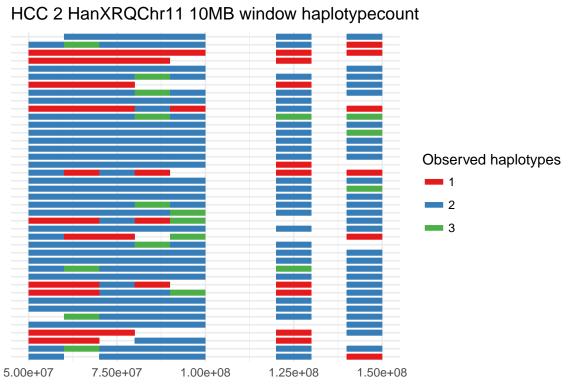
1.5e+08

2.0e+08

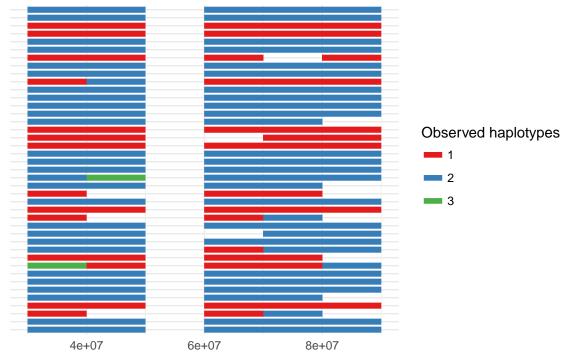
5.0e+07

1.0e+08

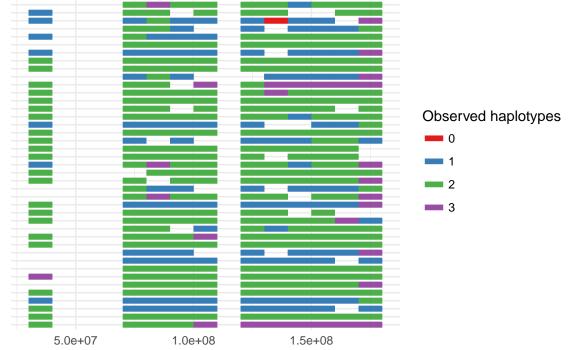




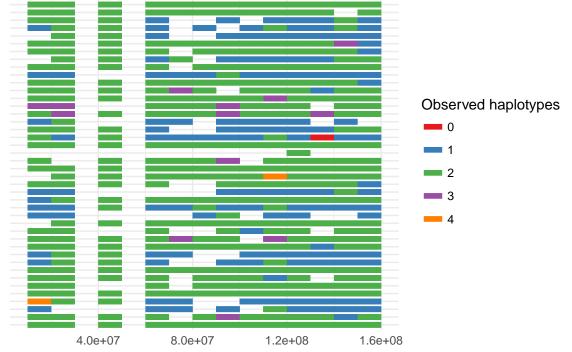
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HCC 2 HanXRQChr13 10MB window haplotypecount

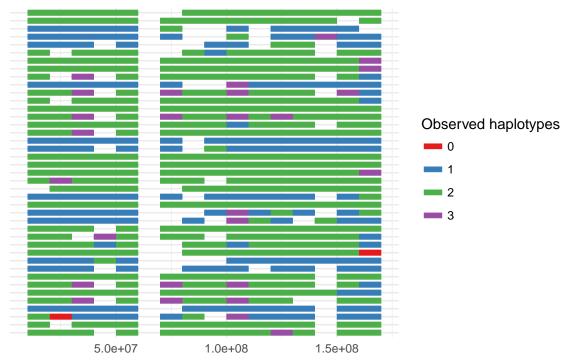


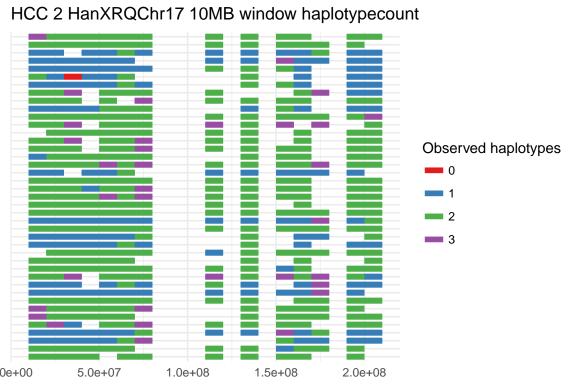
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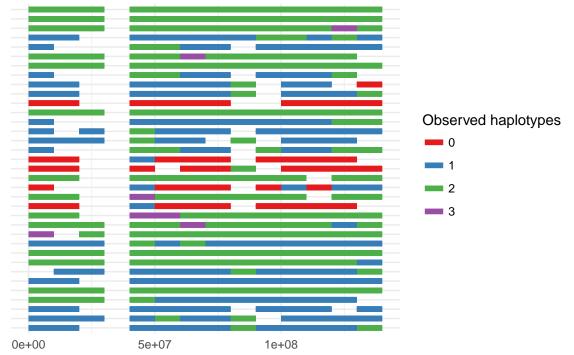
HCC 2 HanXRQChr15 10MB window haplotypecount Observed haplotypes **2 3** 1.0e+08 5.0e+07 1.5e+08

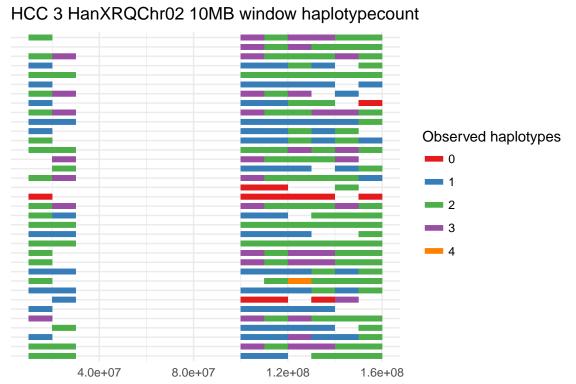
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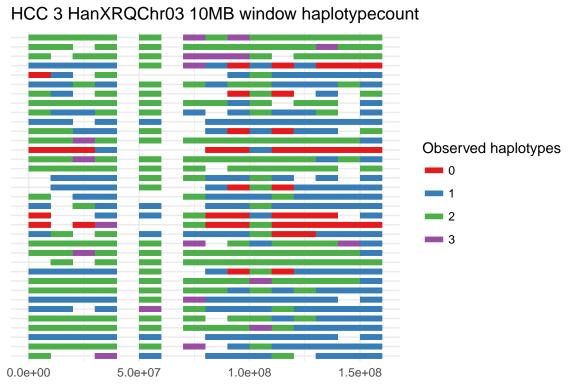


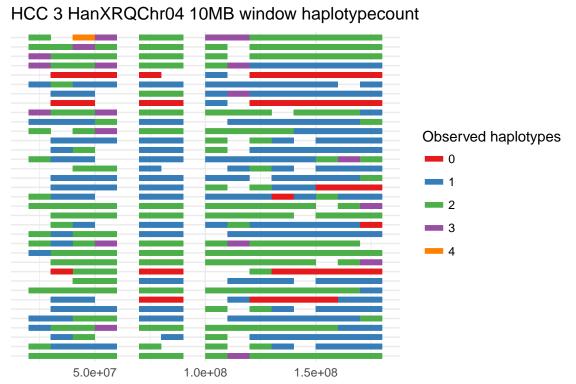


HCC 3 HanXRQChr01 10MB window haplotypecount









HCC 3 HanXRQChr05 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e+08 1.5e + 082.0e+08

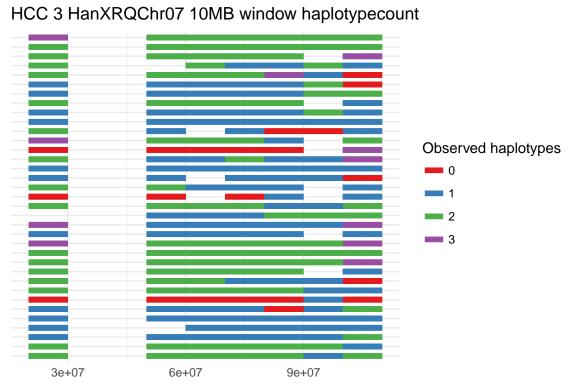
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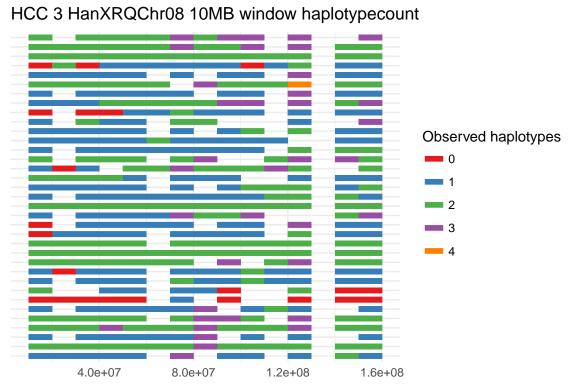
7.5e + 07

1.0e+08

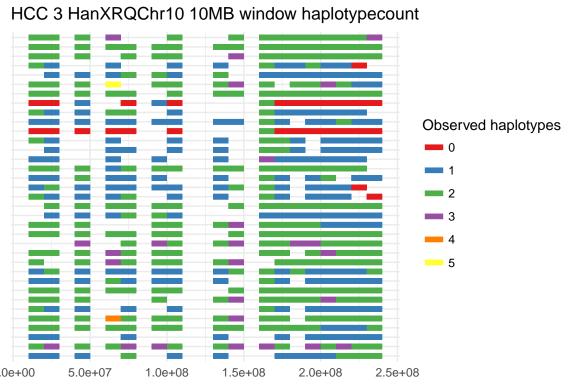
2.5e+07

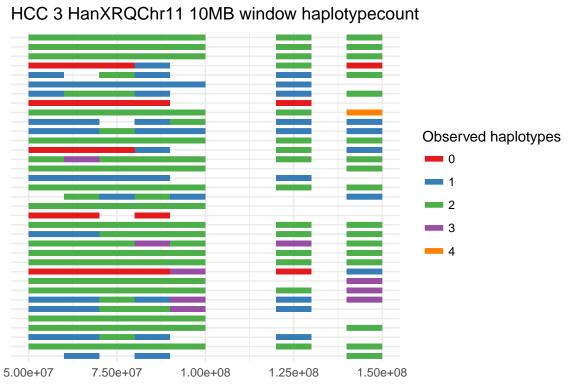
5.0e+07



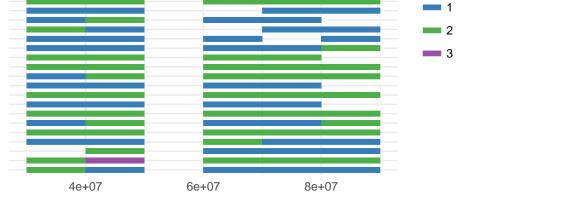


HCC 3 HanXRQChr09 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e+08 1.5e+08 2.0e+08

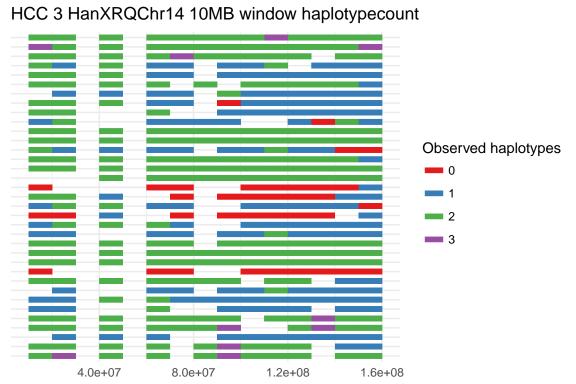


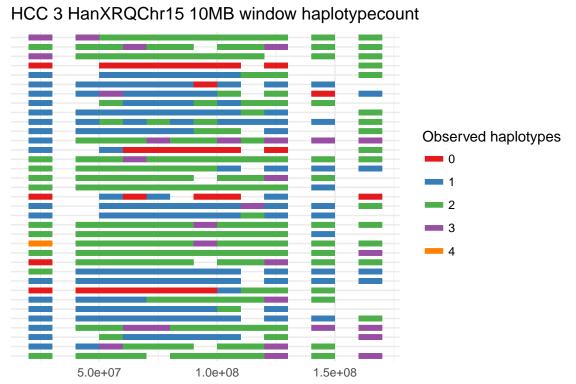


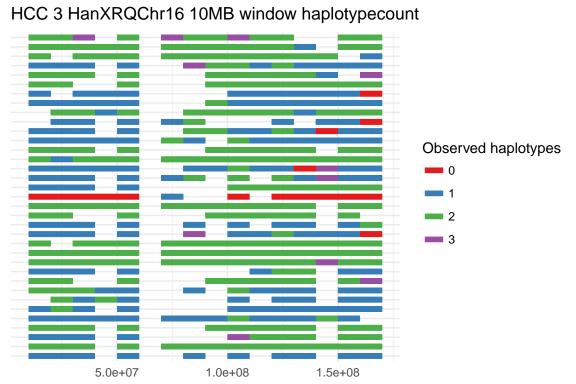
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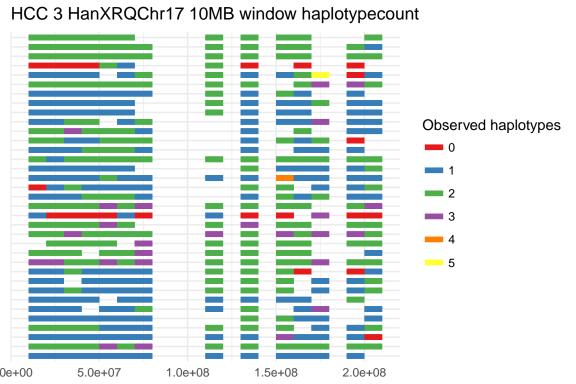


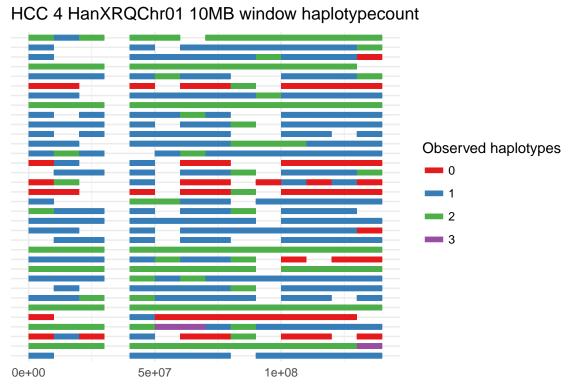
HCC 3 HanXRQChr13 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e + 081.5e+08

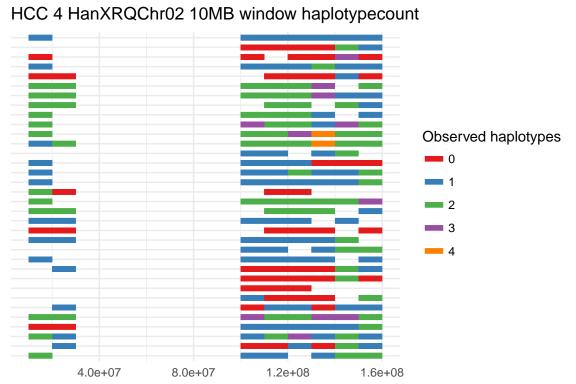


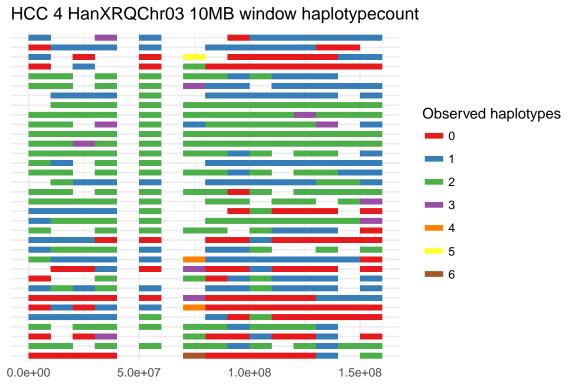


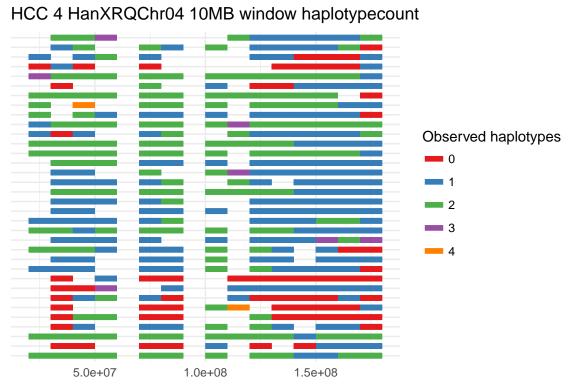


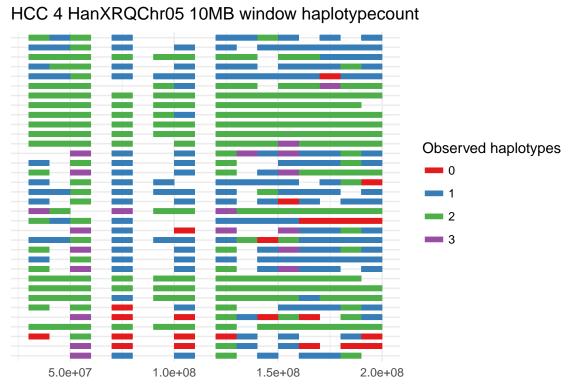


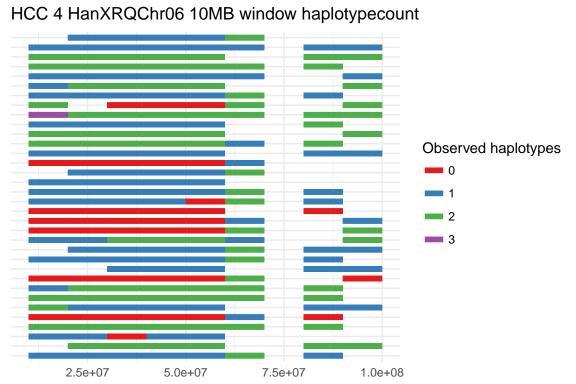


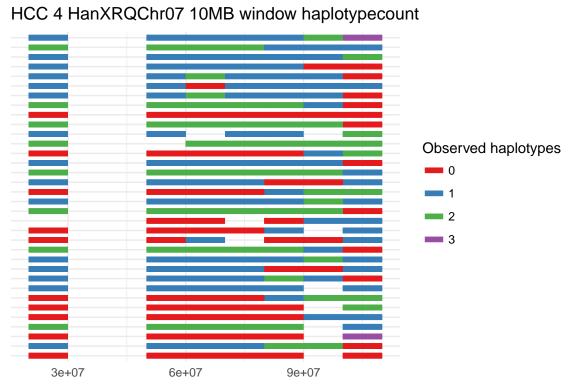


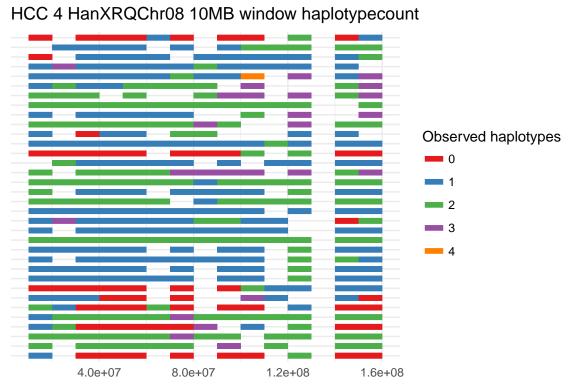


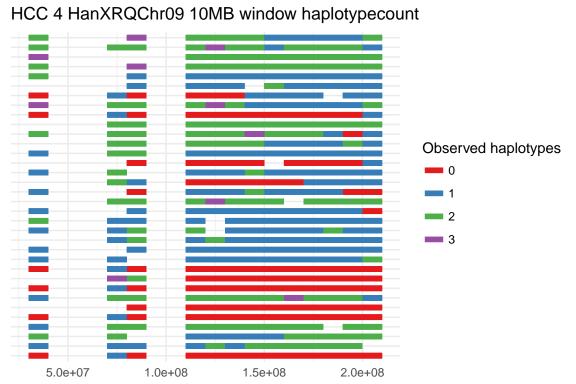


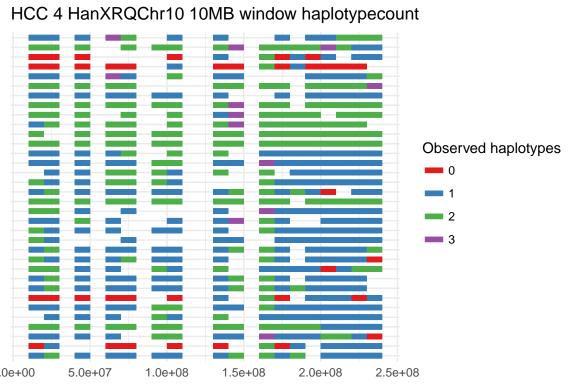


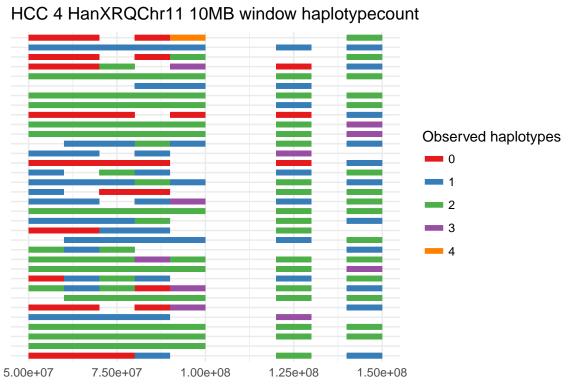




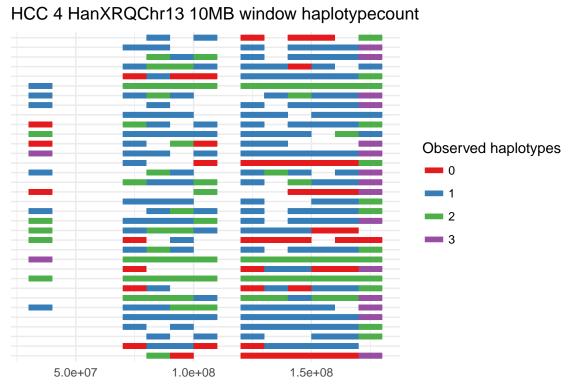


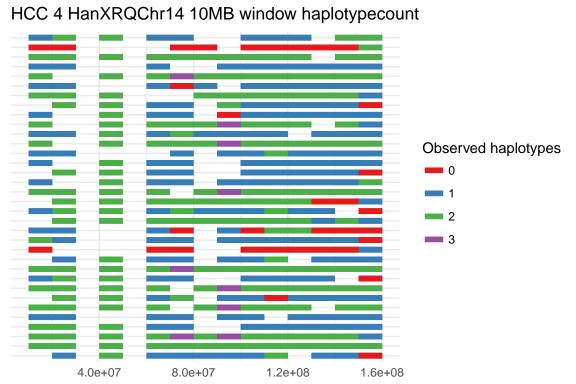


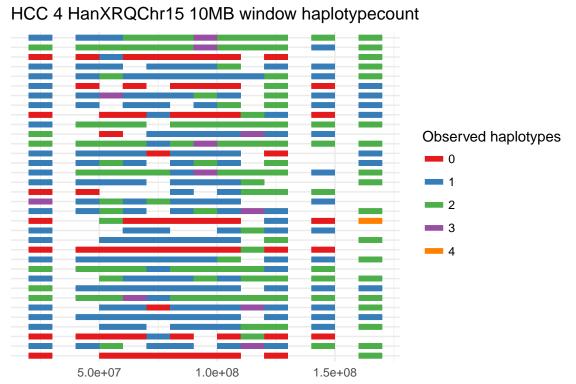




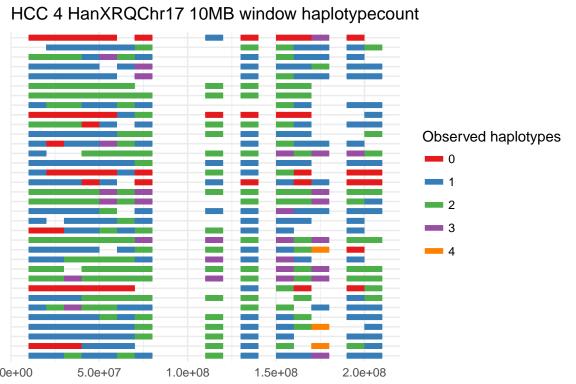
HCC 4 HanXRQChr12 10MB window haplotypecount Observed haplotypes 4e+07 6e+07 8e+07



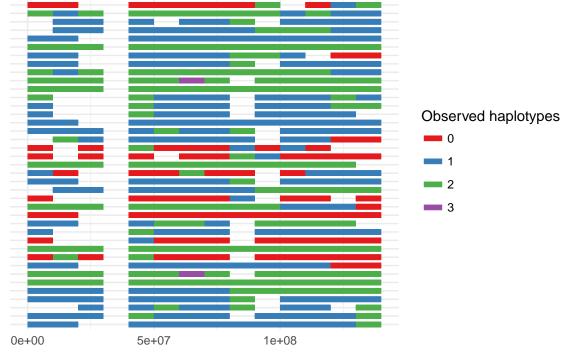


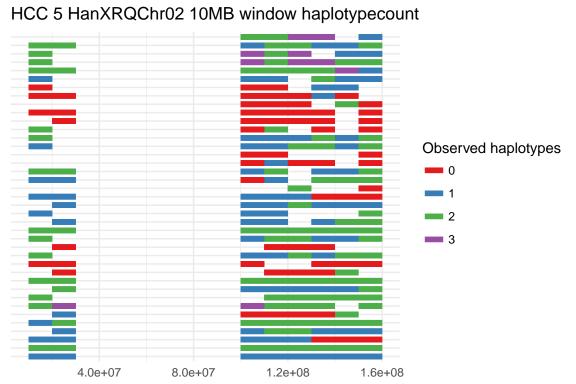


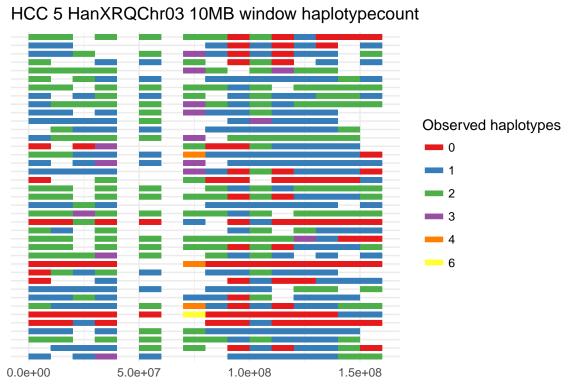
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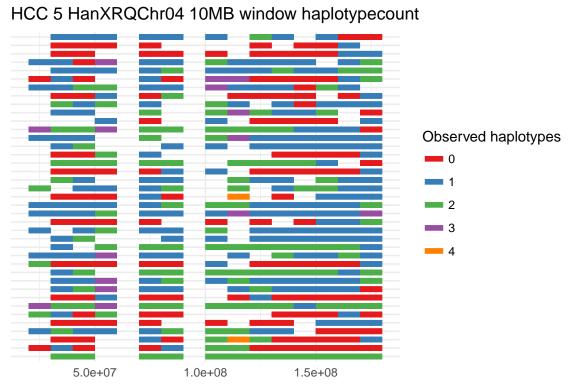


HCC 5 HanXRQChr01 10MB window haplotypecount



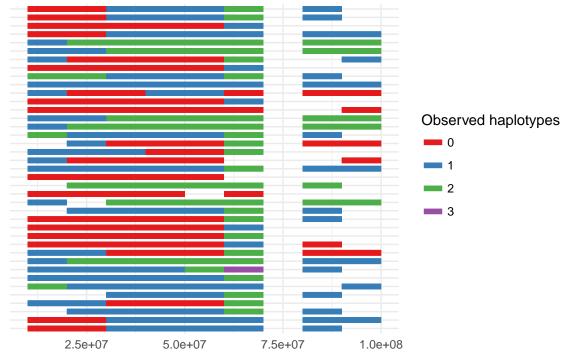






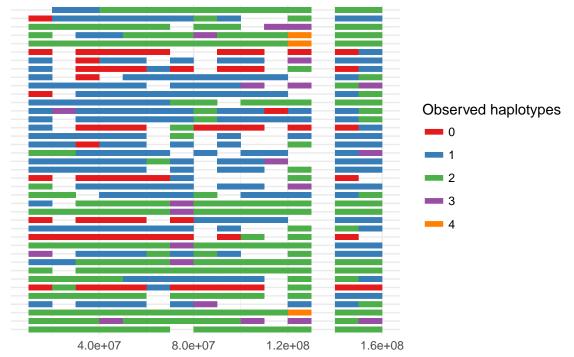
HCC 5 HanXRQChr05 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e+08 1.5e + 082.0e+08

HCC 5 HanXRQChr06 10MB window haplotypecount

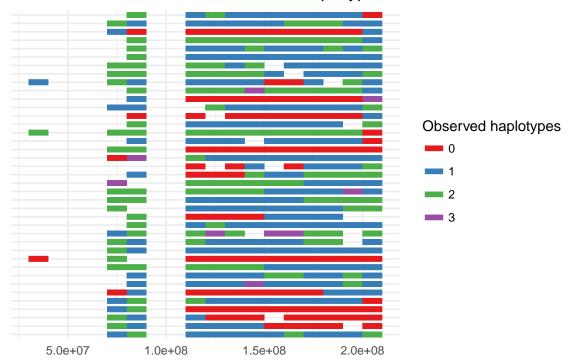


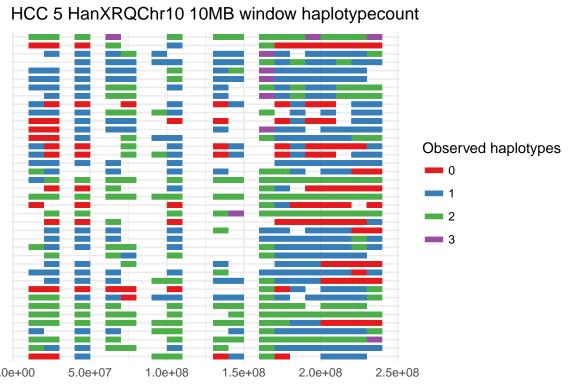
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HCC 5 HanXRQChr08 10MB window haplotypecount



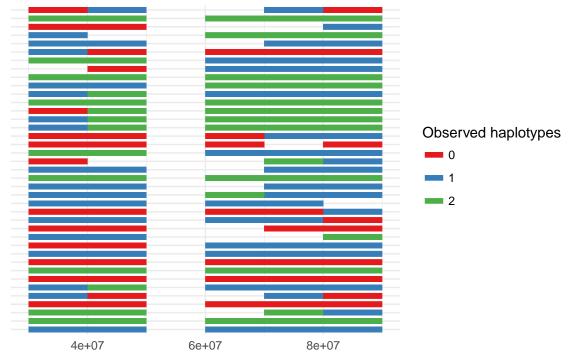
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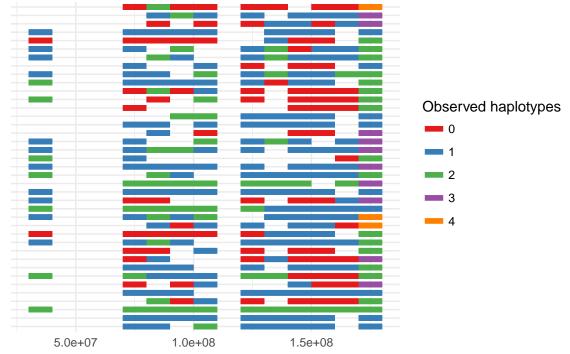


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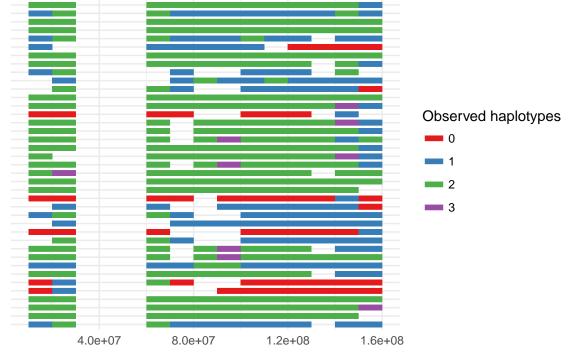
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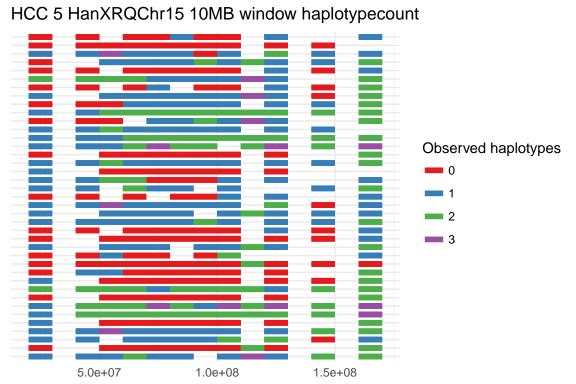


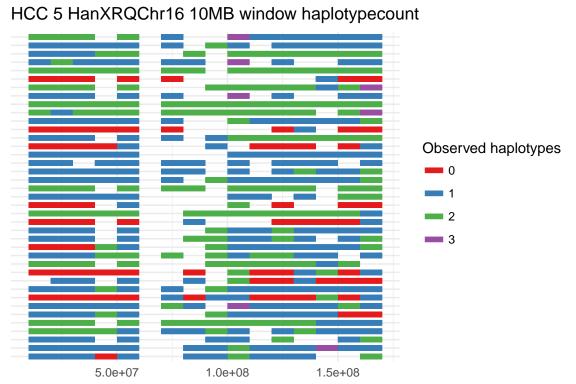
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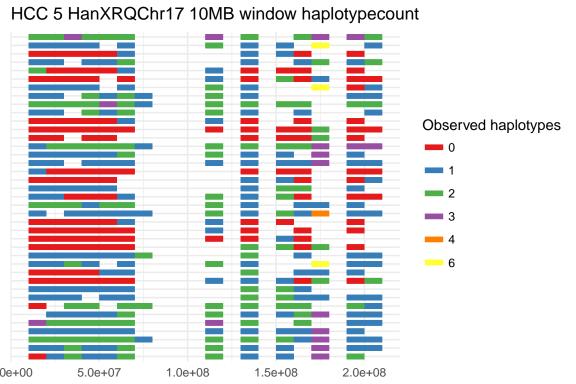


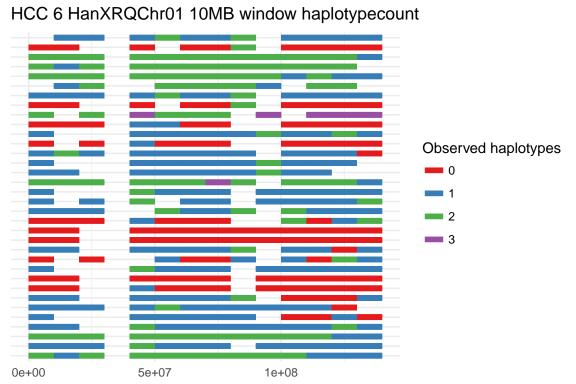
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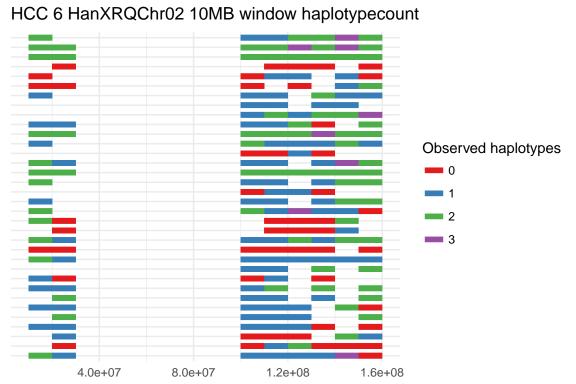


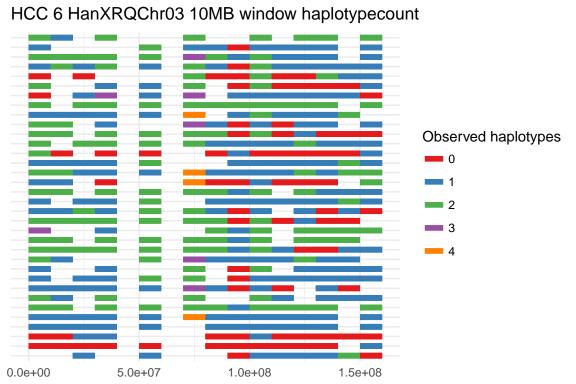


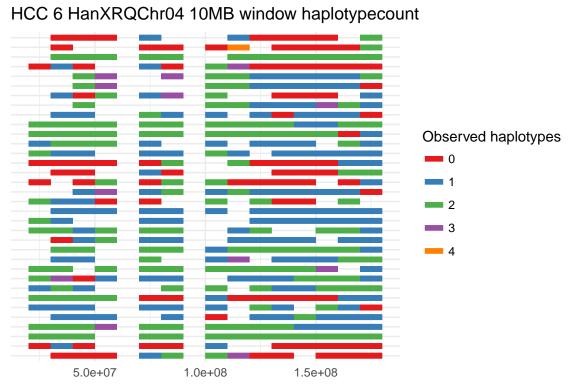




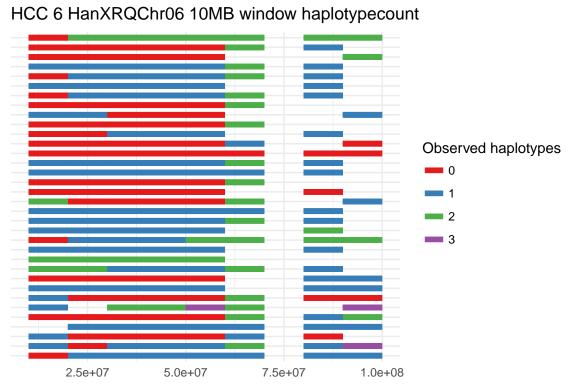


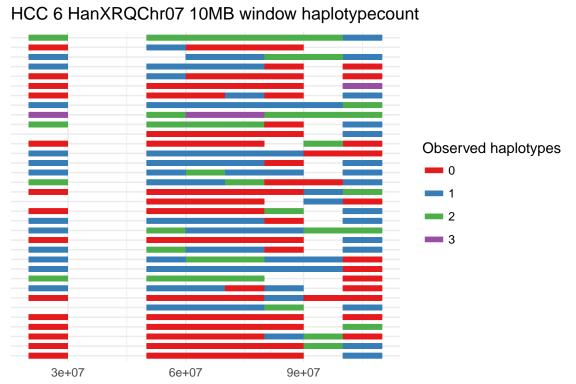


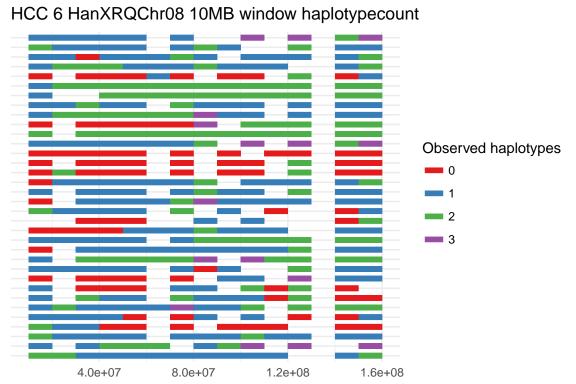


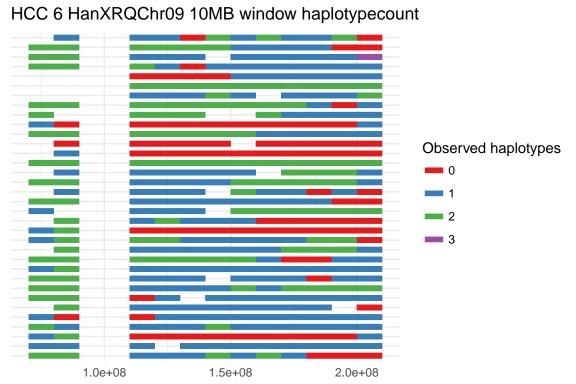


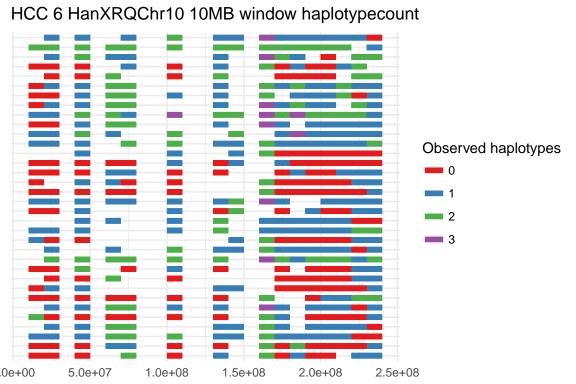
HCC 6 HanXRQChr05 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e+08 1.5e + 082.0e+08

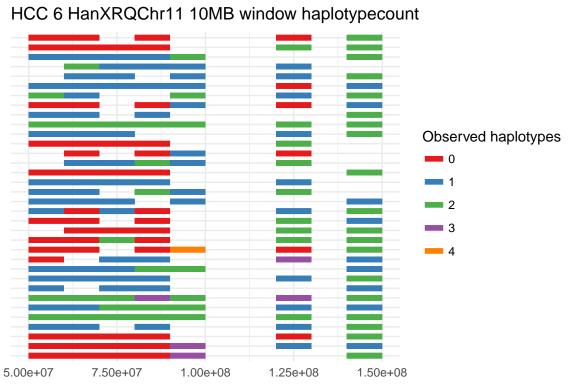


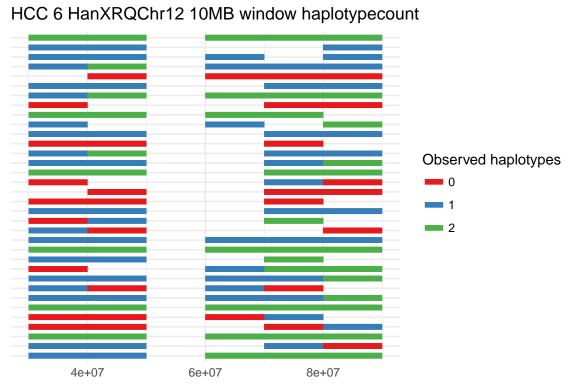


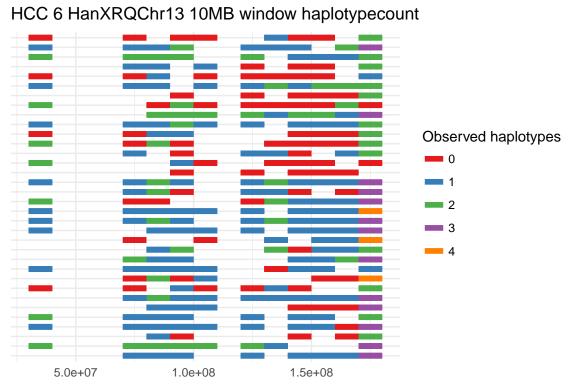


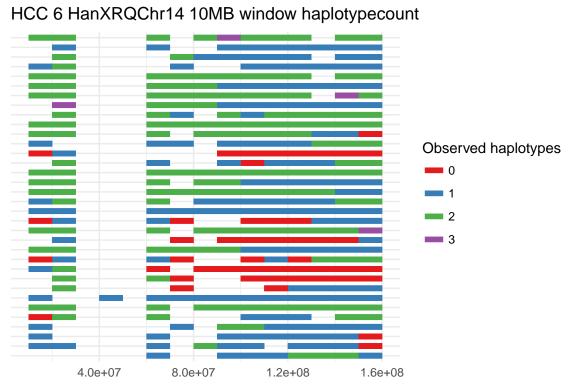


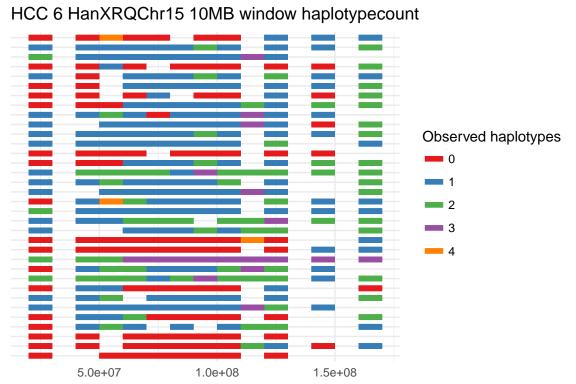




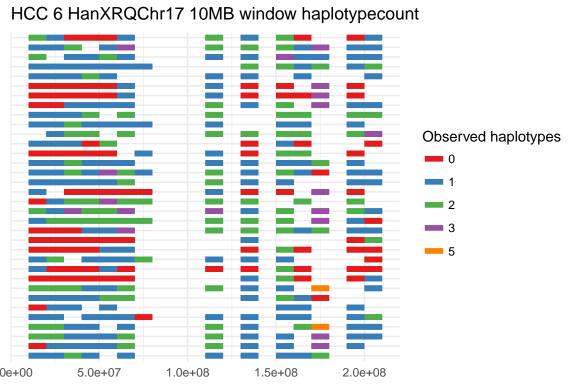


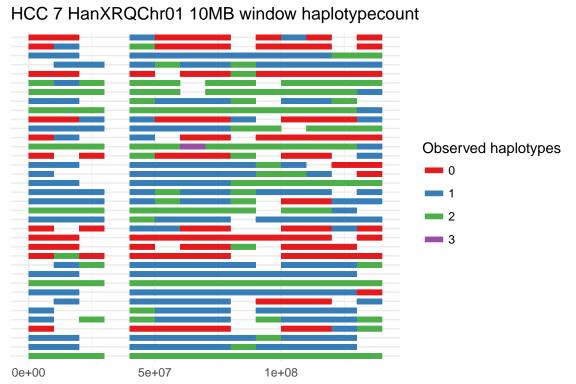






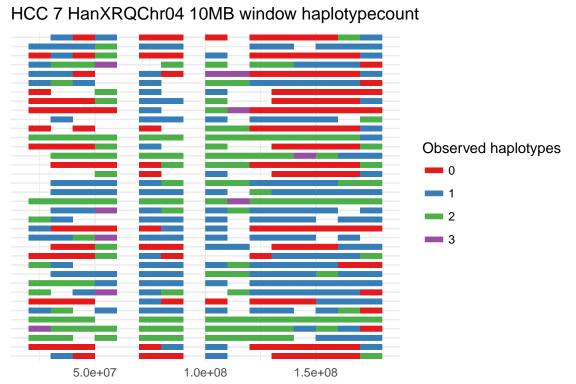
HCC 6 HanXRQChr16 10MB window haplotypecount Observed haplotypes **2** 5.0e+07 1.0e+08 1.5e+08





HCC 7 HanXRQChr02 10MB window haplotypecount Observed haplotypes 1.6e+08 4.0e+07 8.0e+07 1.2e+08

HCC 7 HanXRQChr03 10MB window haplotypecount Observed haplotypes **0** 5 **6** 0.0e+00 5.0e+07 1.0e+08 1.5e + 08



HCC 7 HanXRQChr05 10MB window haplotypecount Observed haplotypes **0**

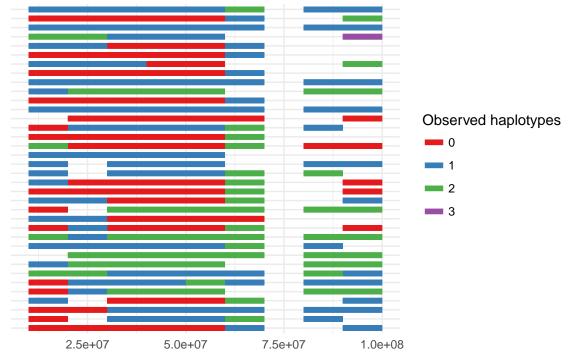
1.5e + 08

5.0e+07

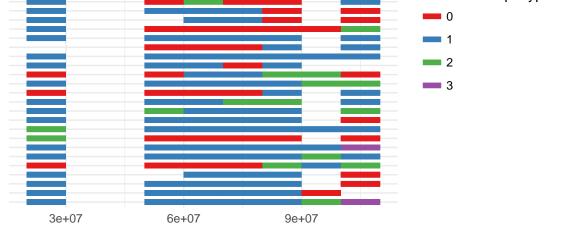
1.0e+08

2.0e+08

HCC 7 HanXRQChr06 10MB window haplotypecount

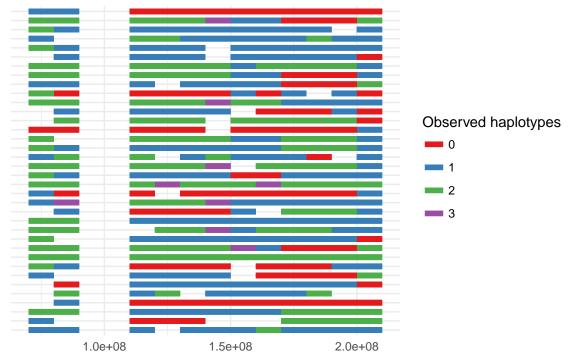


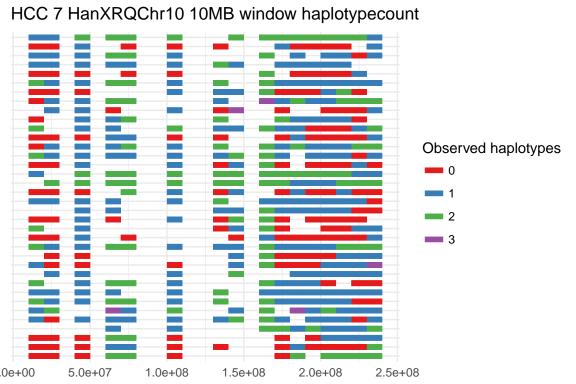
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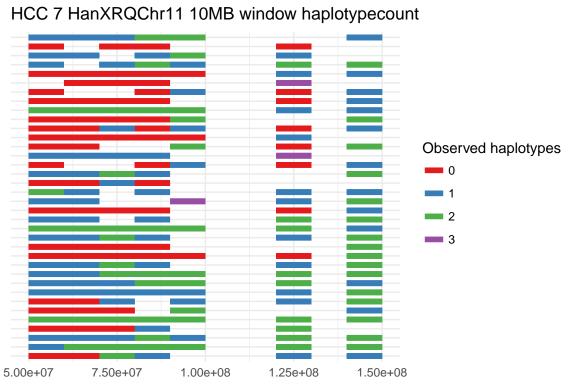


HCC 7 HanXRQChr08 10MB window haplotypecount Observed haplotypes **0** 4.0e+07 8.0e+07 1.2e+08 1.6e+08

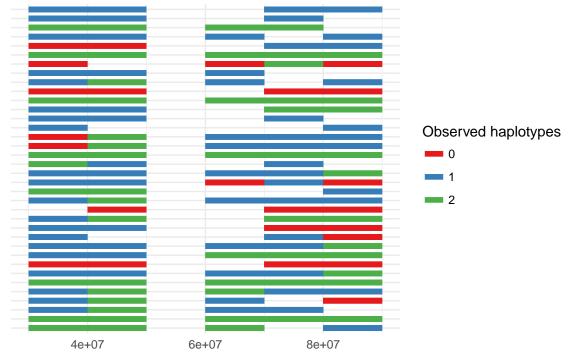
HCC 7 HanXRQChr09 10MB window haplotypecount



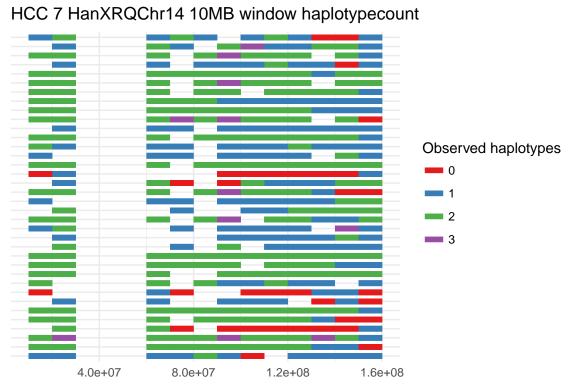




HCC 7 HanXRQChr12 10MB window haplotypecount

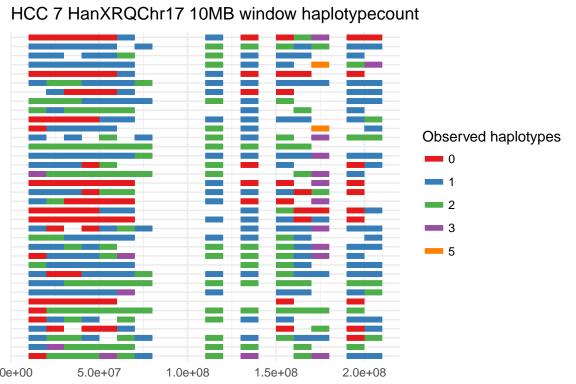


HCC 7 HanXRQChr13 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e + 081.5e+08



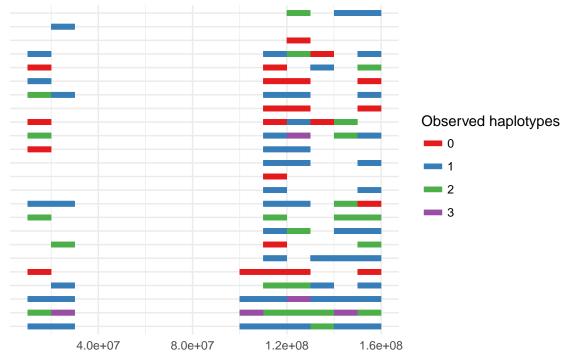
HCC 7 HanXRQChr15 10MB window haplotypecount Observed haplotypes **0 3** 5.0e+07 1.0e+08 1.5e+08

HCC 7 HanXRQChr16 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e+08 1.5e+08



HCC 8 HanXRQChr01 10MB window haplotypecount Observed haplotypes 1e+08 0e+00 5e+07

HCC 8 HanXRQChr02 10MB window haplotypecount



HCC 8 HanXRQChr03 10MB window haplotypecount Observed haplotypes _ 2

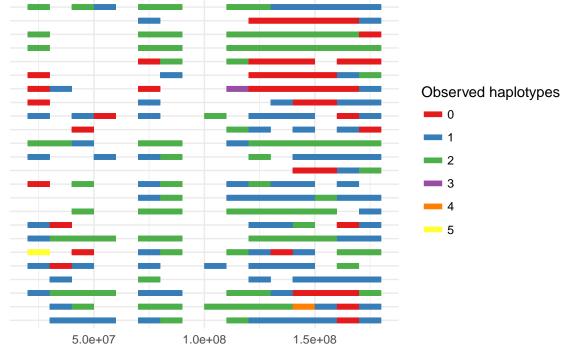
1.0e+08

1.5e + 08

0.0e + 00

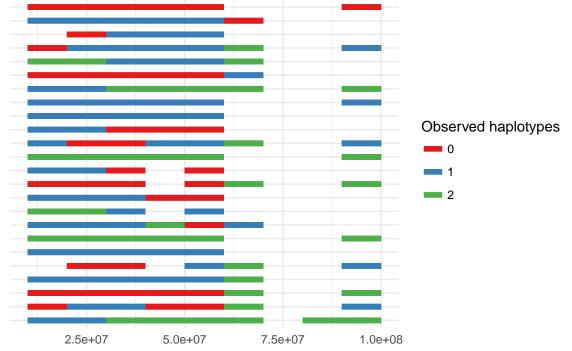
5.0e+07

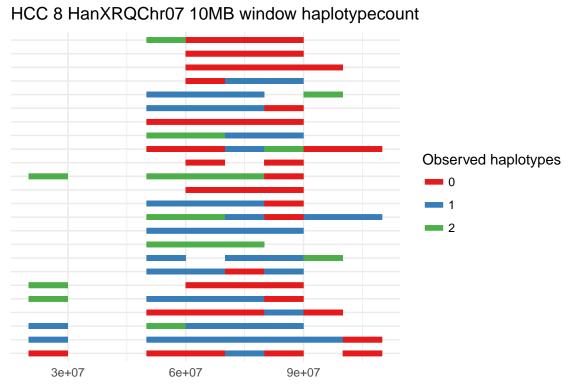
HCC 8 HanXRQChr04 10MB window haplotypecount



HCC 8 HanXRQChr05 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e+08 1.5e + 082.0e+08

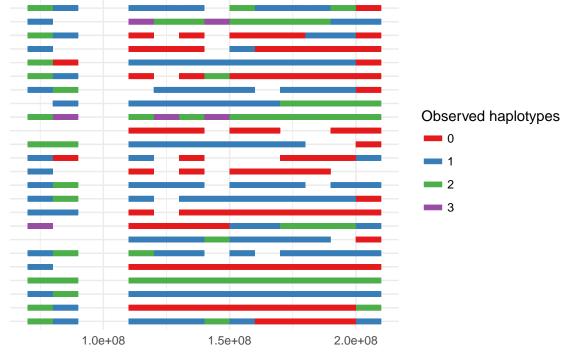
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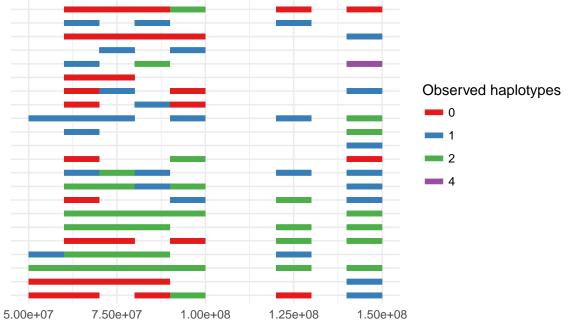
HCC 8 HanXRQChr08 10MB window haplotypecount Observed haplotypes 3 4.0e+07 8.0e+07 1.2e+08 1.6e+08

HCC 8 HanXRQChr09 10MB window haplotypecount

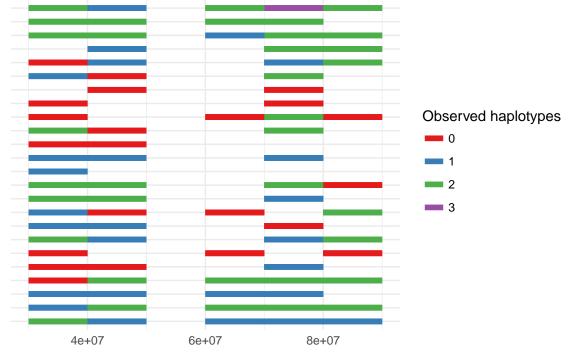


HCC 8 HanXRQChr10 10MB window haplotypecount Observed haplotypes 3 .0e+00 5.0e+07 1.0e+08 1.5e+08 2.0e+08 2.5e+08

HCC 8 HanXRQChr11 10MB window haplotypecount Observed haplotypes

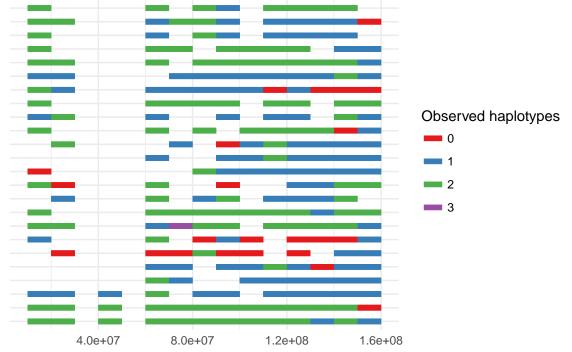


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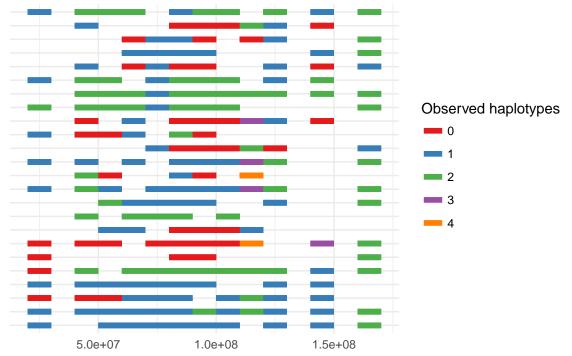


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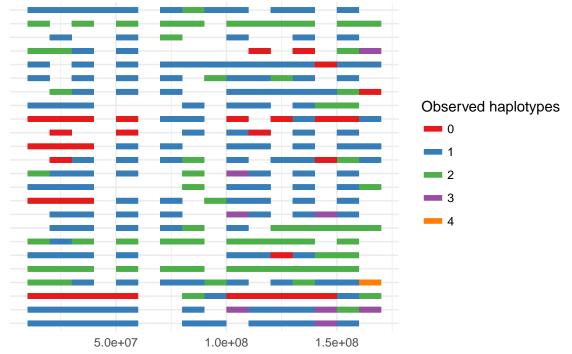
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HCC 8 HanXRQChr15 10MB window haplotypecount

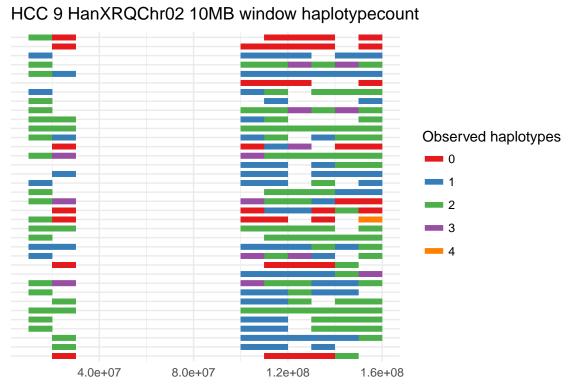


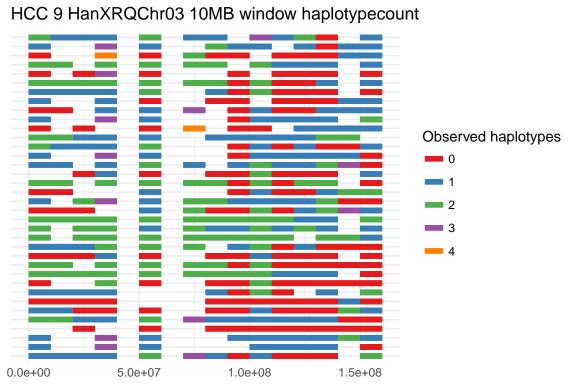
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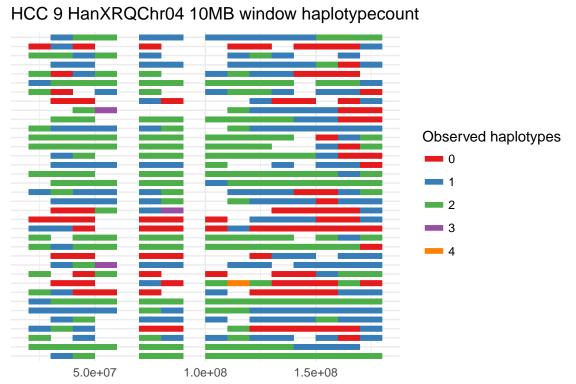


HCC 8 HanXRQChr17 10MB window haplotypecount Observed haplotypes 0e+00 5.0e+07 1.0e+08 1.5e+08 2.0e+08

HCC 9 HanXRQChr01 10MB window haplotypecount Observed haplotypes 0e+00 5e+07 1e+08



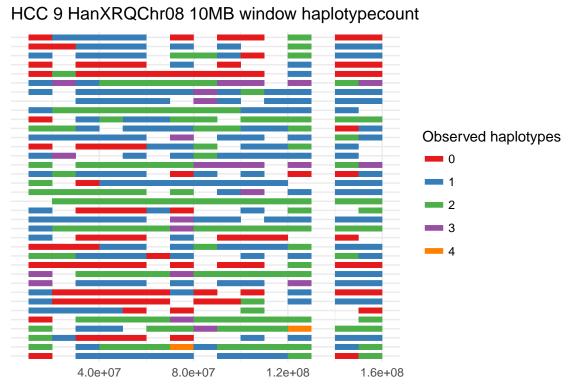




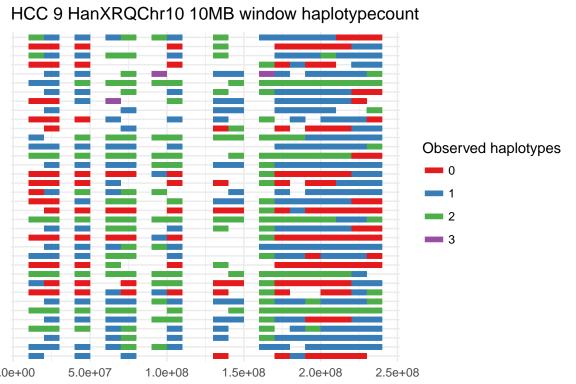
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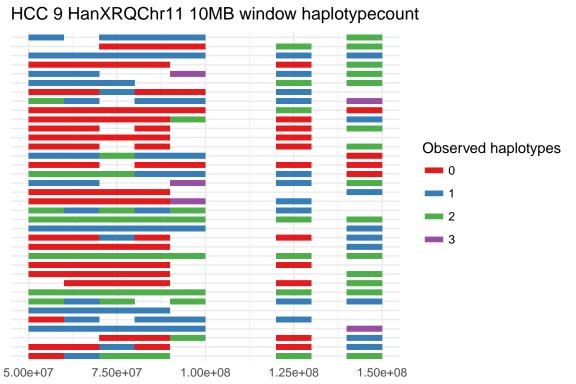
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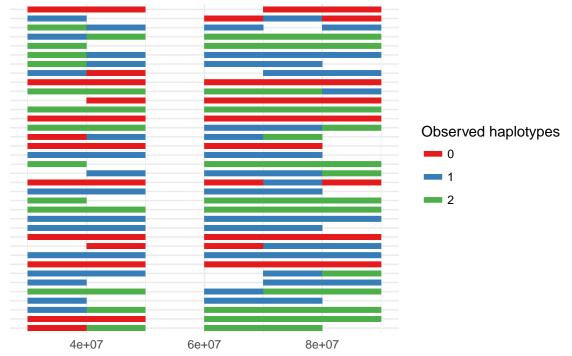


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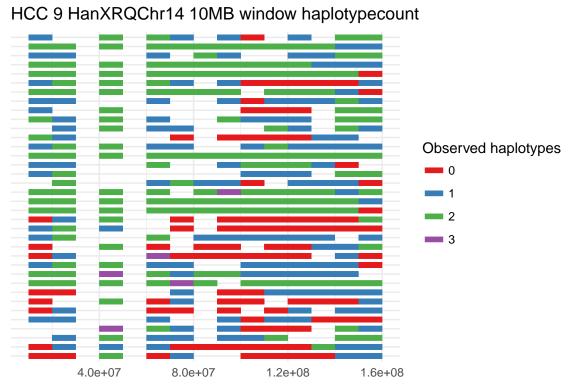


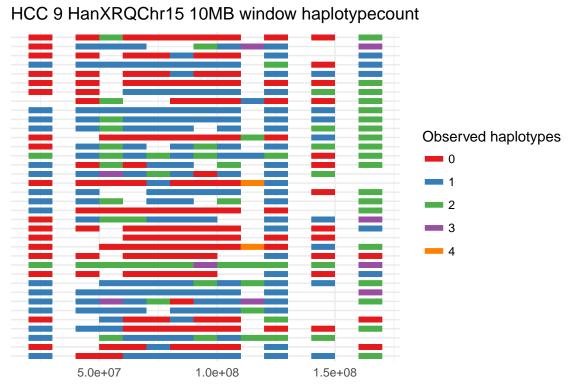


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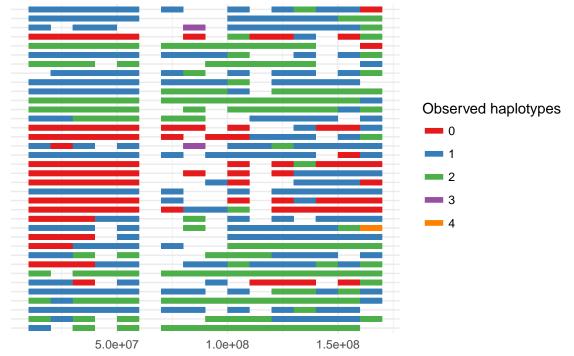


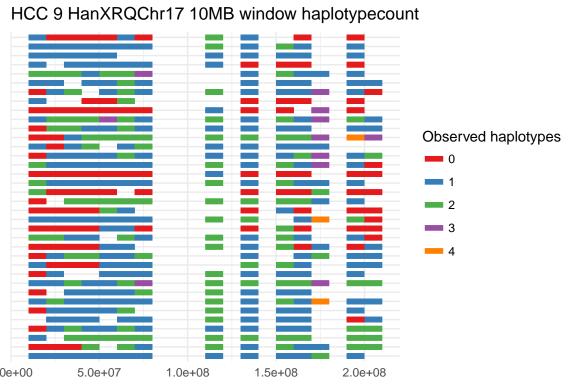
HCC 9 HanXRQChr13 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e + 081.5e+08



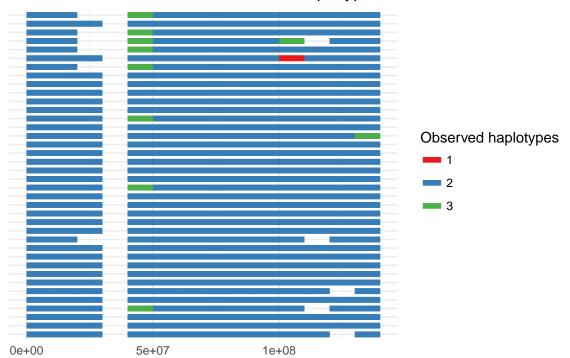


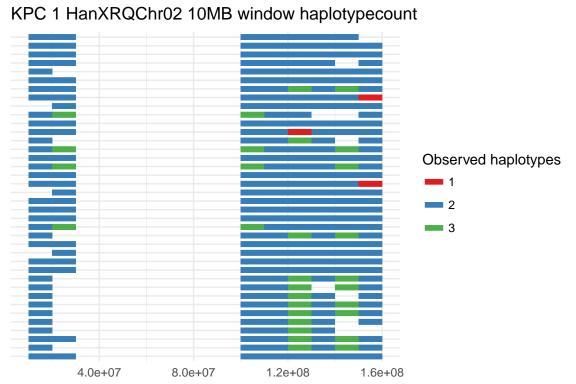
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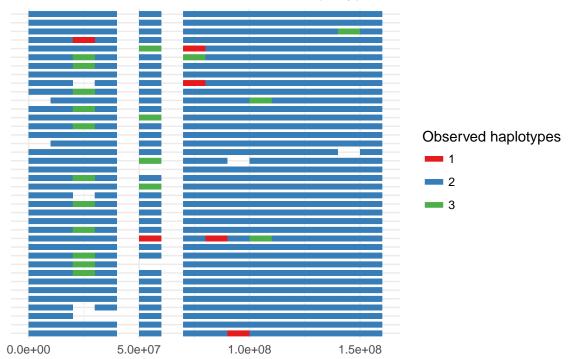


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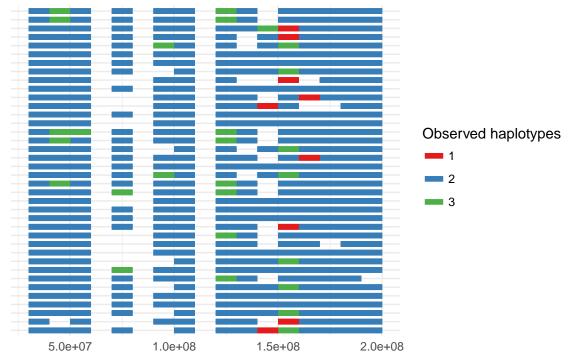


KPC 1 HanXRQChr03 10MB window haplotypecount

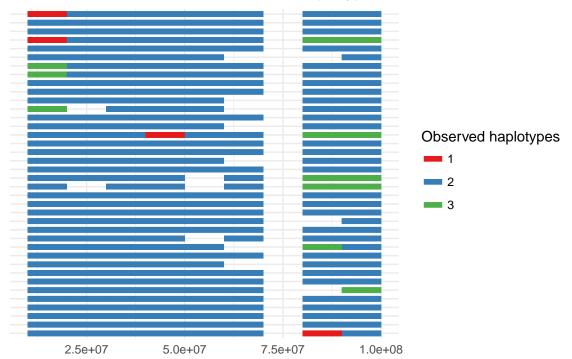


KPC 1 HanXRQChr04 10MB window haplotypecount Observed haplotypes 3 5.0e+07 1.0e+08 1.5e+08

KPC 1 HanXRQChr05 10MB window haplotypecount

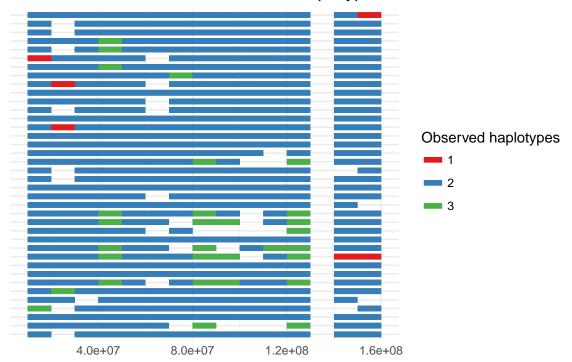


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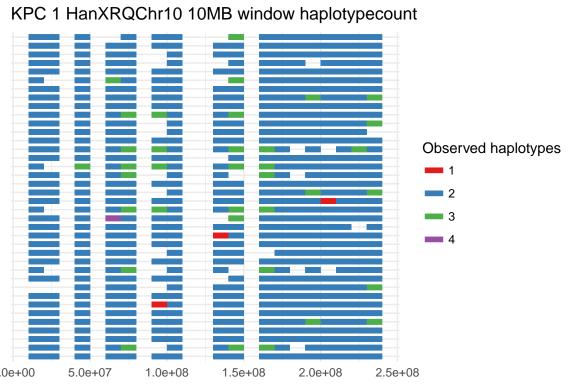


KPC 1 HanXRQChr07 10MB window haplotypecount Observed haplotypes **3** 9e+07 3e+07 6e+07

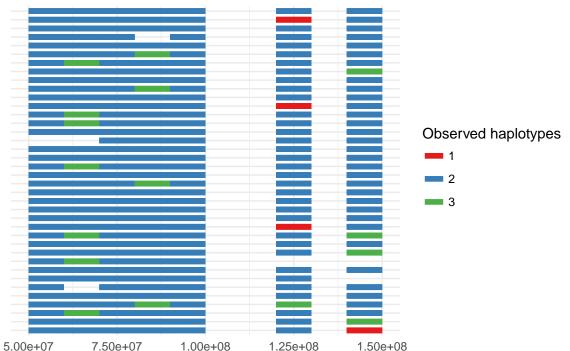
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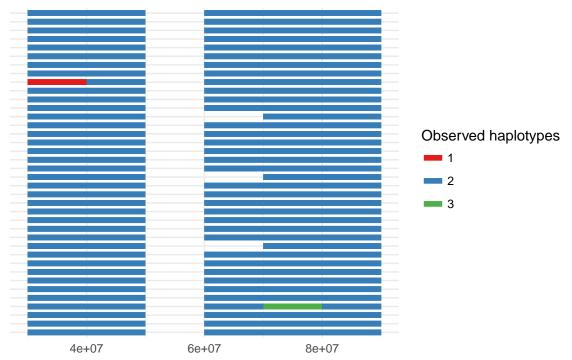
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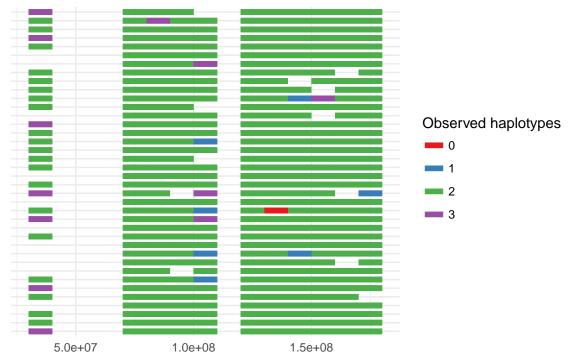
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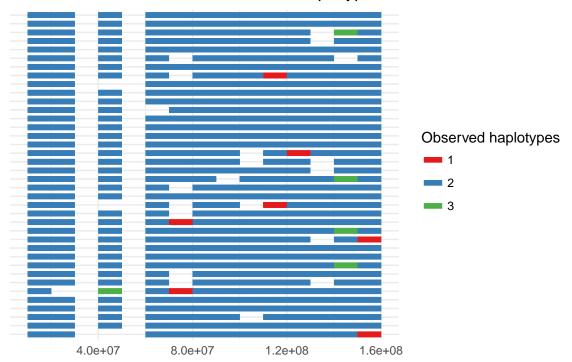
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KPC 1 HanXRQChr13 10MB window haplotypecount

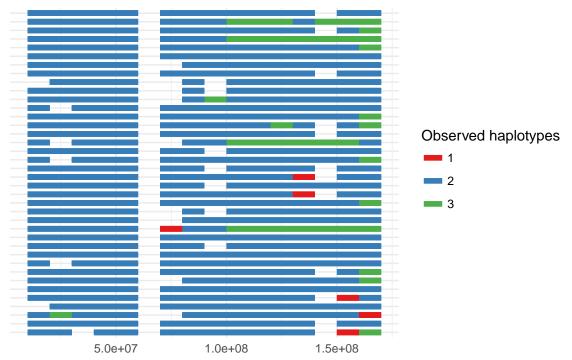


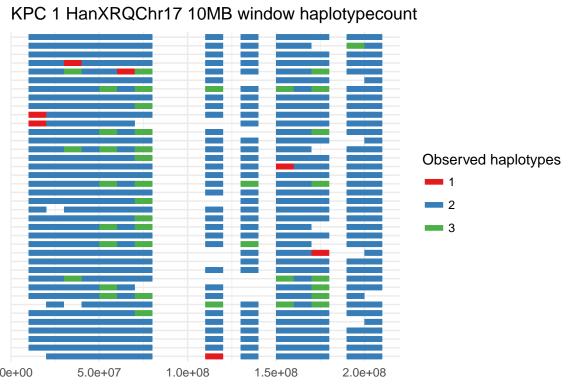
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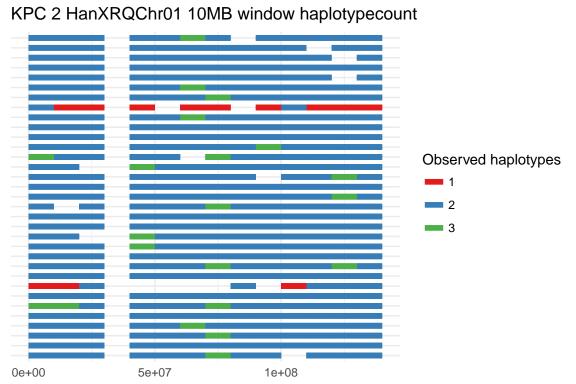


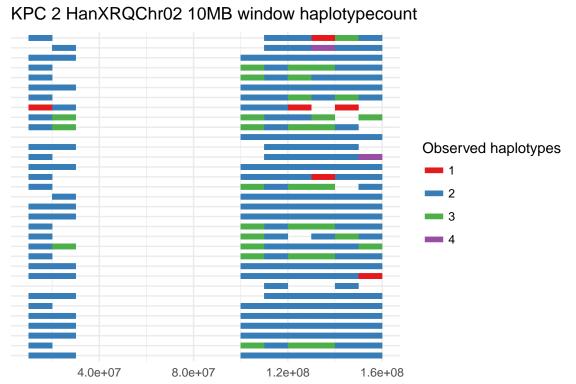
KPC 1 HanXRQChr15 10MB window haplotypecount Observed haplotypes **3** 5.0e+07 1.0e+08 1.5e+08

KPC 1 HanXRQChr16 10MB window haplotypecount

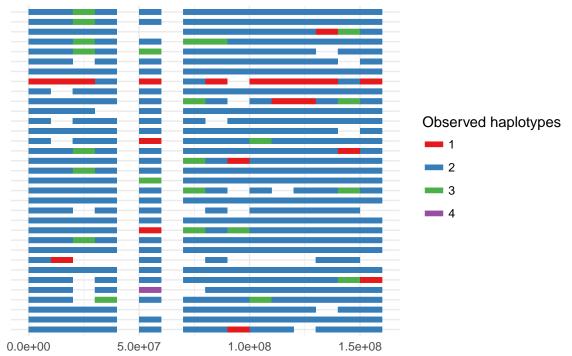






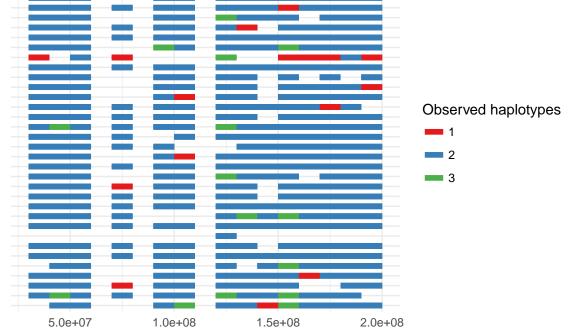


KPC 2 HanXRQChr03 10MB window haplotypecount



KPC 2 HanXRQChr04 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e+08 1.5e+08

KPC 2 HanXRQChr05 10MB window haplotypecount



KPC 2 HanXRQChr06 10MB window haplotypecount Observed haplotypes 3 2.5e+07 5.0e+07 7.5e + 071.0e+08

KPC 2 HanXRQChr07 10MB window haplotypecount Observed haplotypes

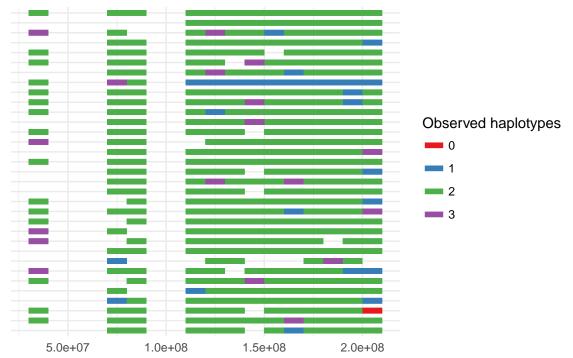
9e+07

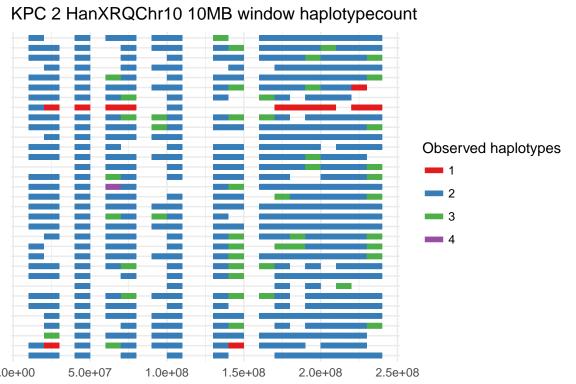
3e+07

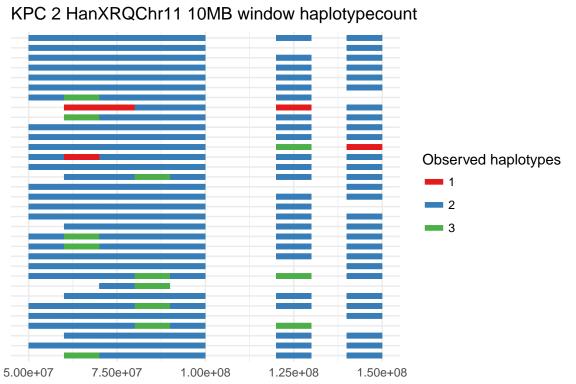
6e+07

KPC 2 HanXRQChr08 10MB window haplotypecount Observed haplotypes 3 4.0e+07 8.0e+07 1.2e+08 1.6e+08

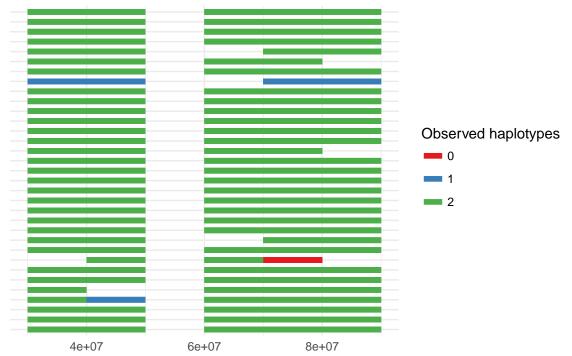
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KPC 2 HanXRQChr12 10MB window haplotypecount

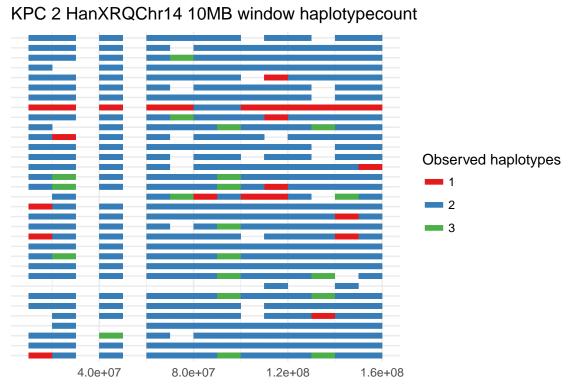


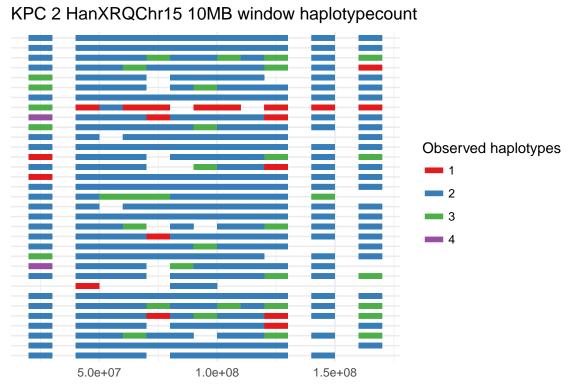
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1.5e+08

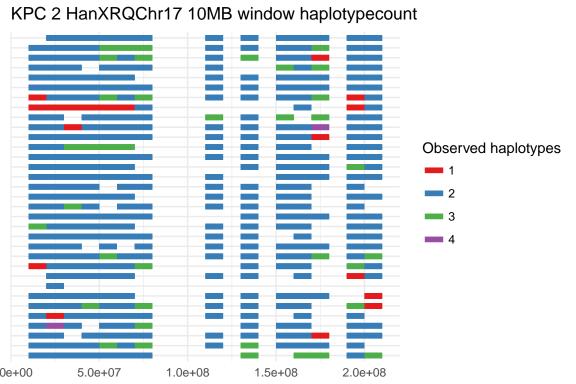
5.0e+07

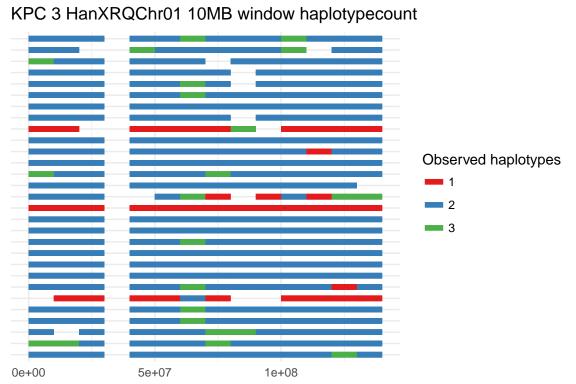
1.0e+08

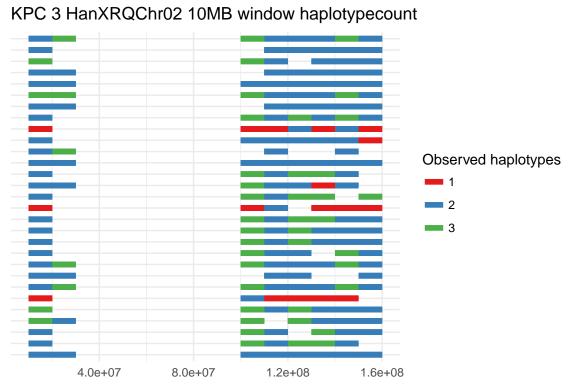




KPC 2 HanXRQChr16 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e+08 1.5e+08



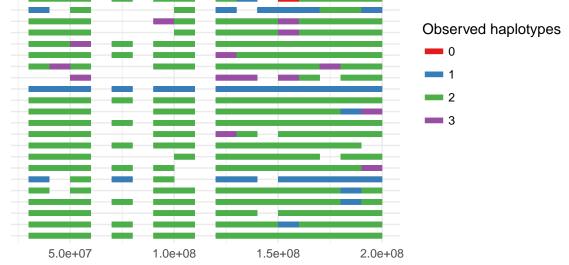




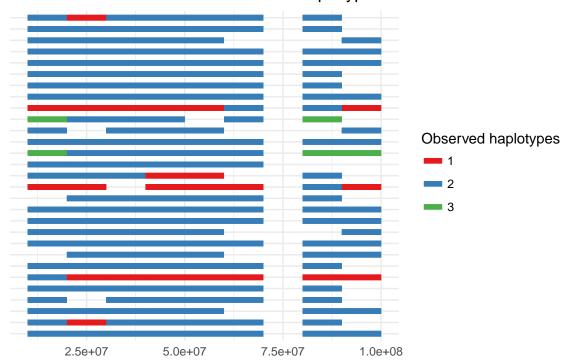
KPC 3 HanXRQChr03 10MB window haplotypecount Observed haplotypes 0.0e + 005.0e+07 1.0e+08 1.5e + 08

KPC 3 HanXRQChr04 10MB window haplotypecount Observed haplotypes **3** 1.0e+08 5.0e+07 1.5e + 08

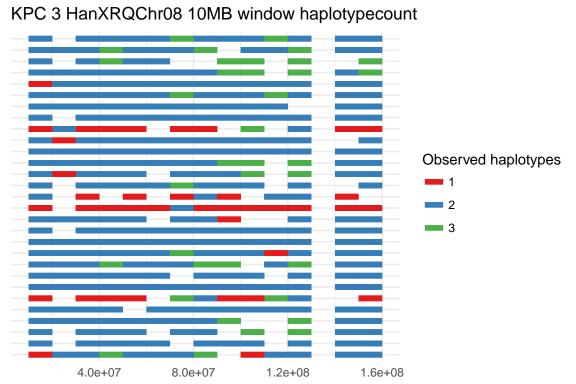
KPC 3 HanXRQChr05 10MB window haplotypecount Observed haplotypes _ 2



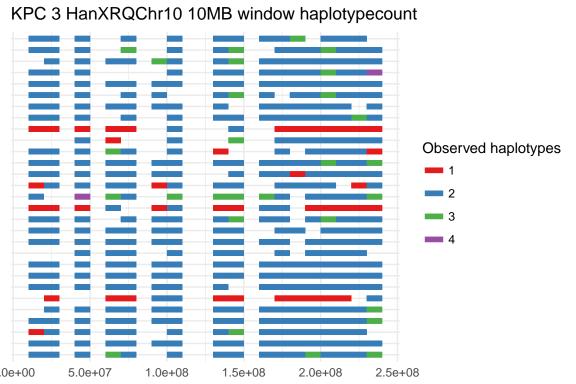
KPC 3 HanXRQChr06 10MB window haplotypecount

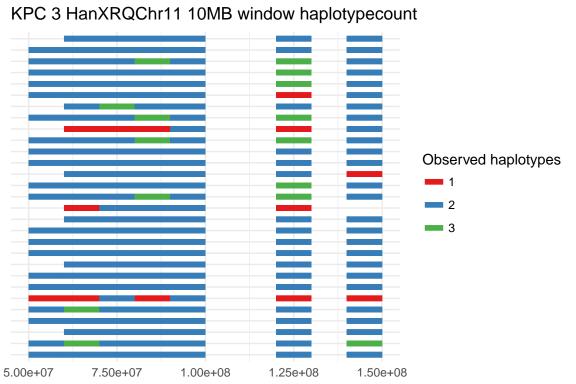


KPC 3 HanXRQChr07 10MB window haplotypecount Observed haplotypes **0** 3e+07 6e+07 9e+07



KPC 3 HanXRQChr09 10MB window haplotypecount Observed haplotypes **3** 5.0e+07 1.0e+08 1.5e+08 2.0e+08



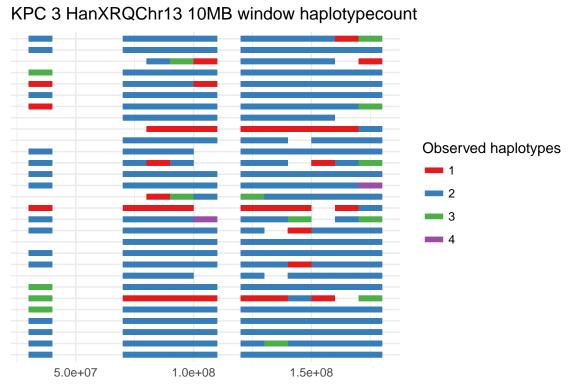


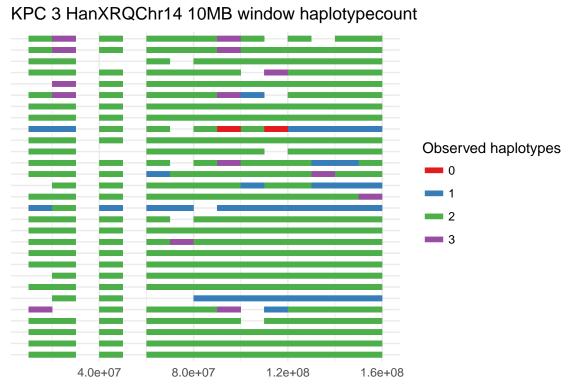
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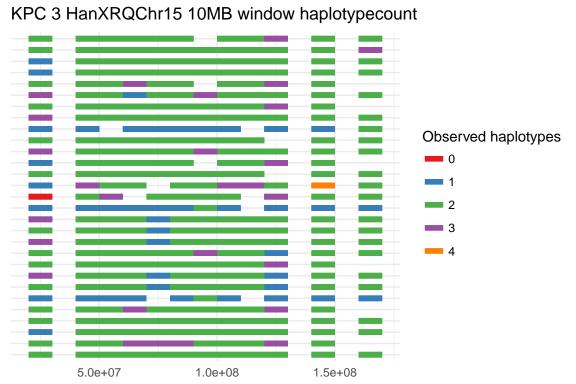
8e+07

4e+07

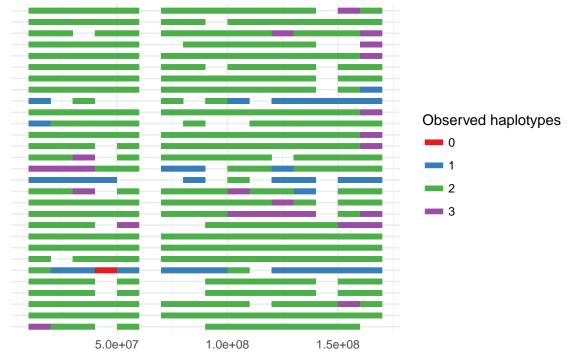
6e+07

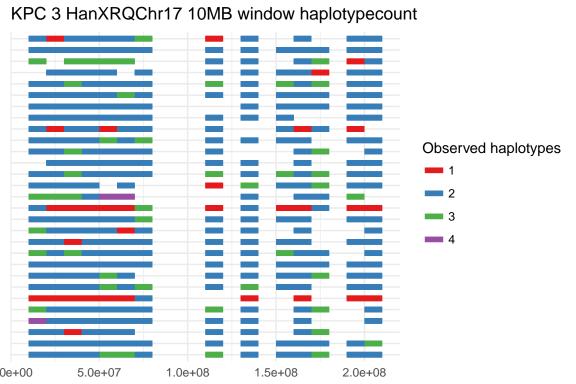


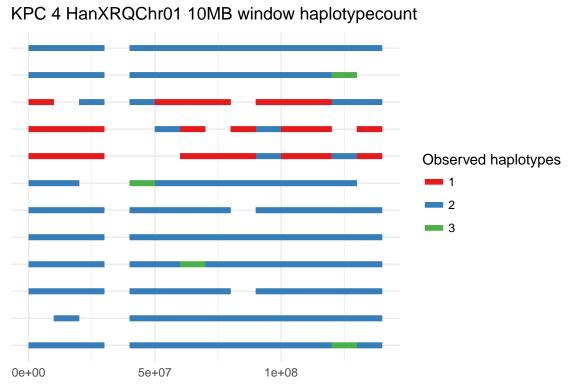




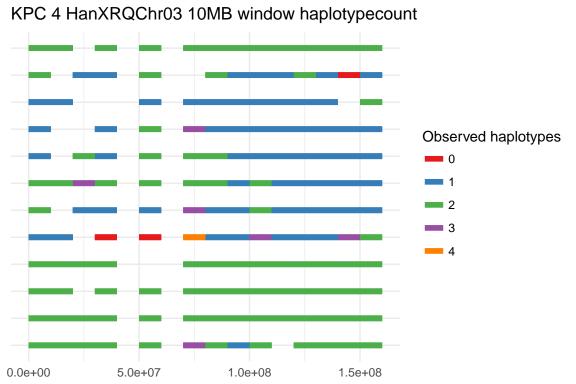
KPC 3 HanXRQChr16 10MB window haplotypecount

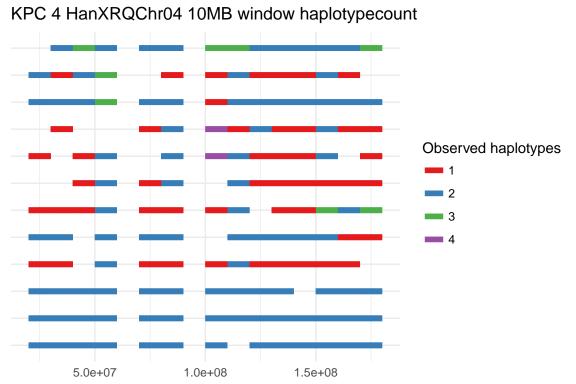


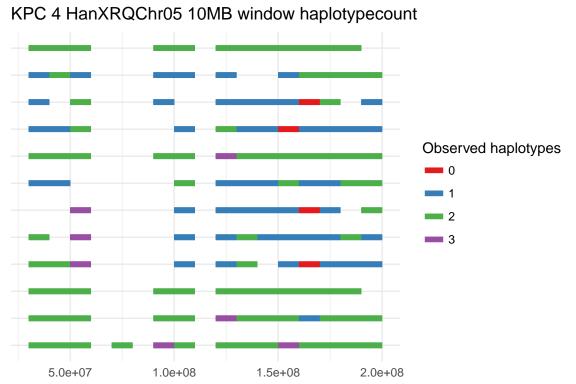


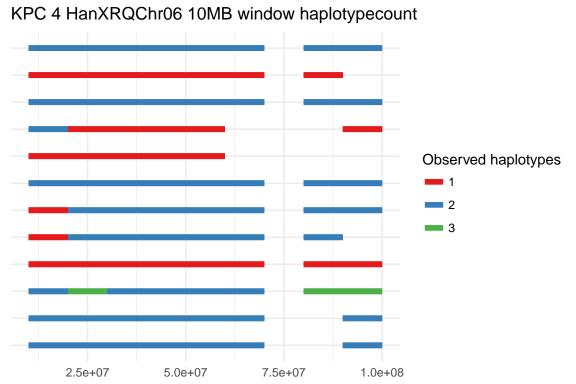


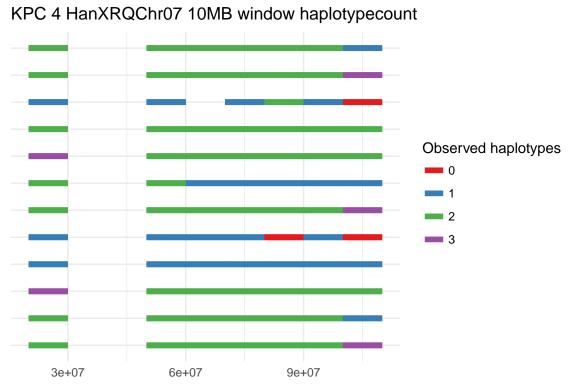
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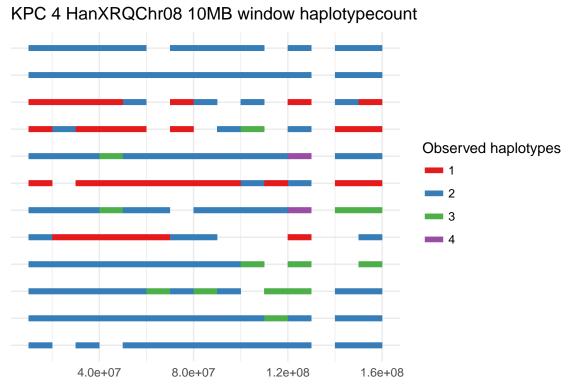


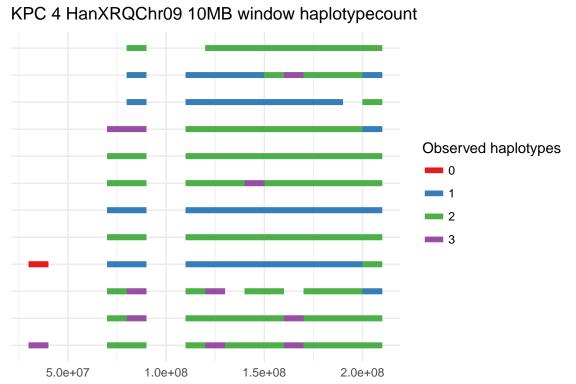


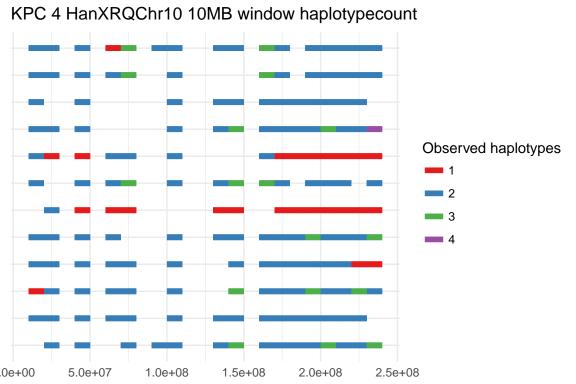




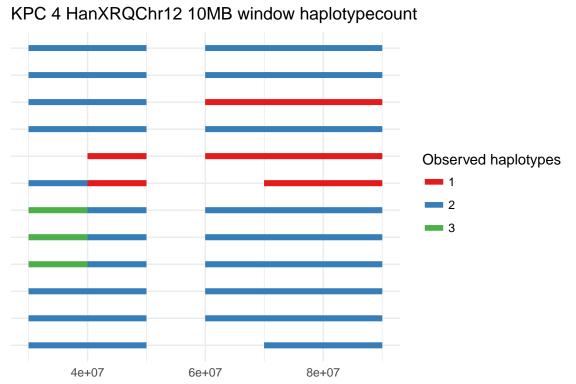


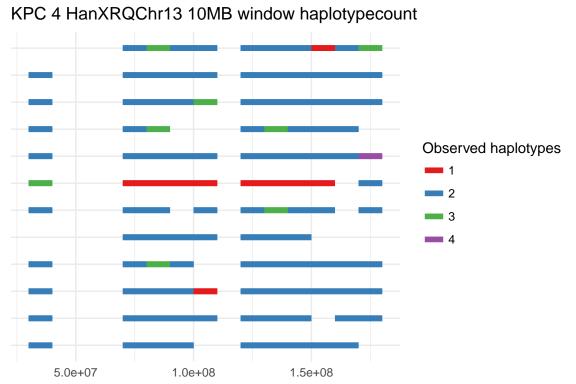


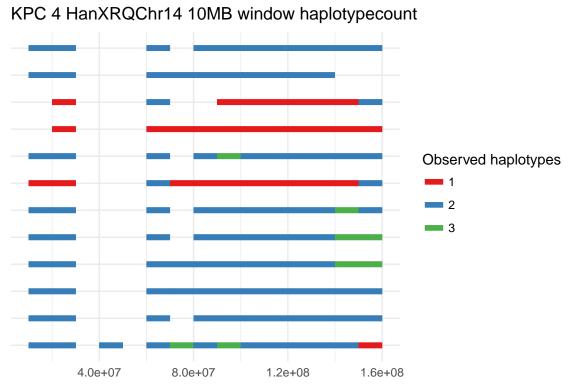


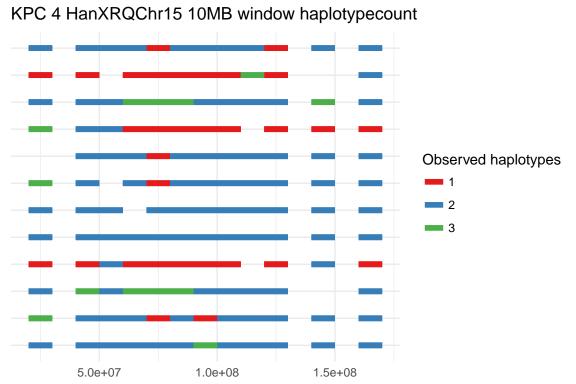




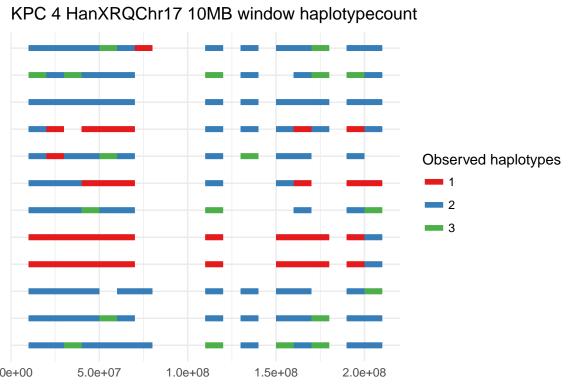




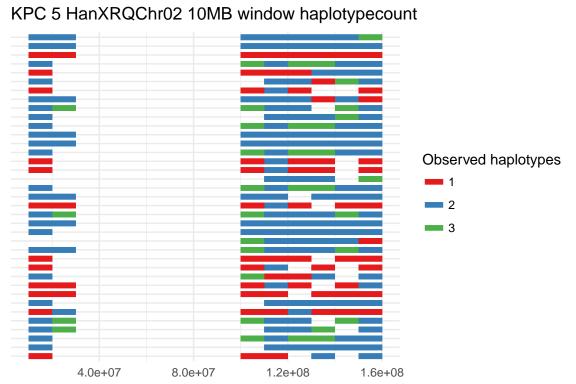




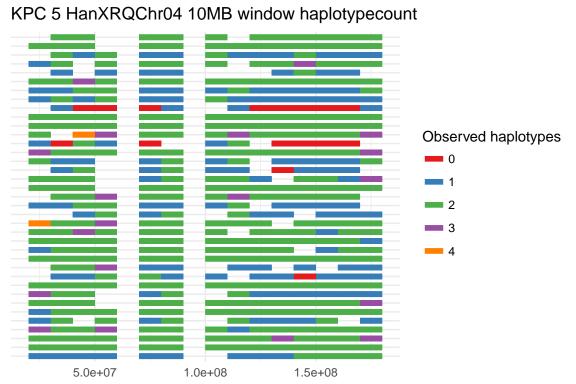
KPC 4 HanXRQChr16 10MB window haplotypecount Observed haplotypes 3 5.0e+07 1.0e+08 1.5e+08



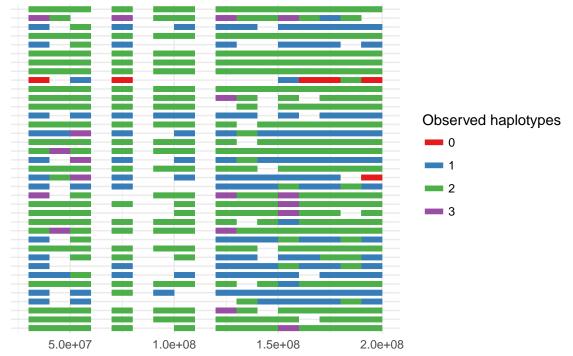
KPC 5 HanXRQChr01 10MB window haplotypecount Observed haplotypes **3** 0e+00 5e+07 1e+08



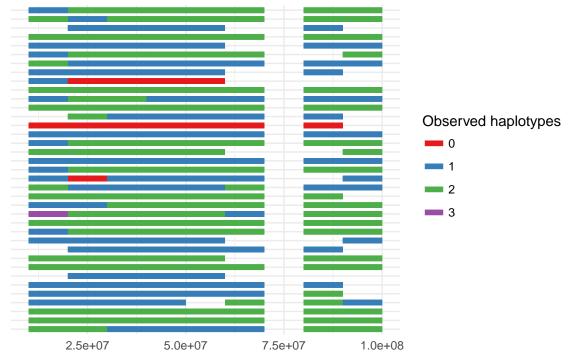
KPC 5 HanXRQChr03 10MB window haplotypecount Observed haplotypes **0** 0.0e + 005.0e+07 1.0e+08 1.5e + 08



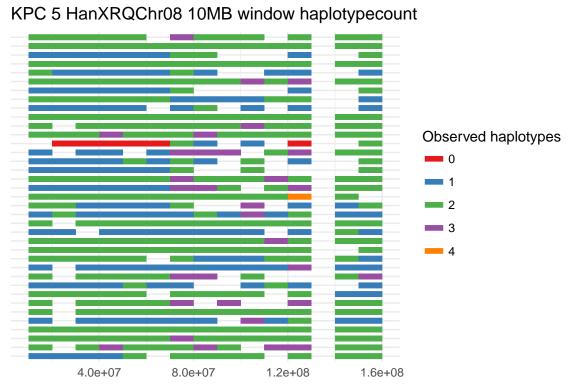
KPC 5 HanXRQChr05 10MB window haplotypecount



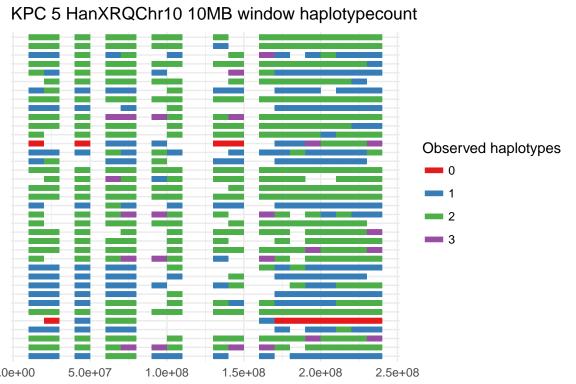
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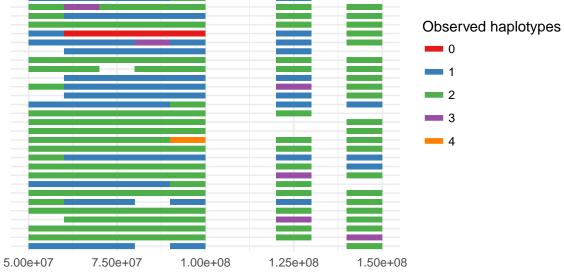
KPC 5 HanXRQChr07 10MB window haplotypecount Observed haplotypes 3e+07 6e+07 9e+07



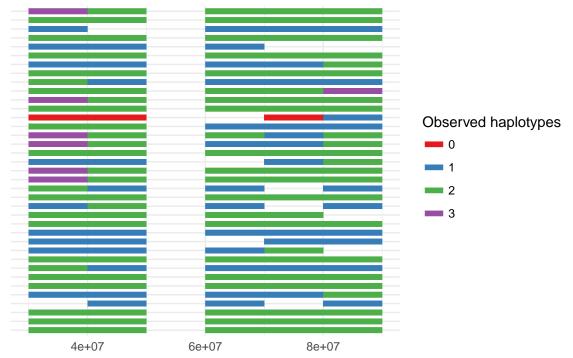
KPC 5 HanXRQChr09 10MB window haplotypecount Observed haplotypes **3** 5.0e+07 1.0e+08 1.5e+08 2.0e+08



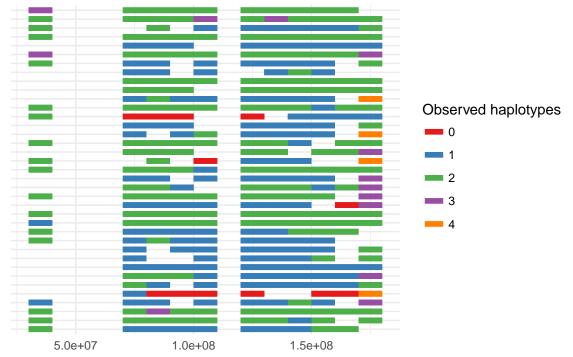
KPC 5 HanXRQChr11 10MB window haplotypecount Observed haplotypes



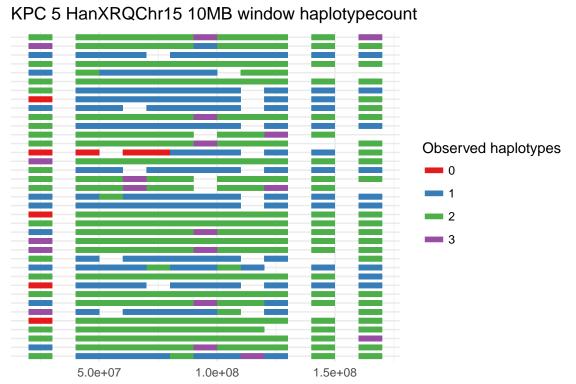
KPC 5 HanXRQChr12 10MB window haplotypecount



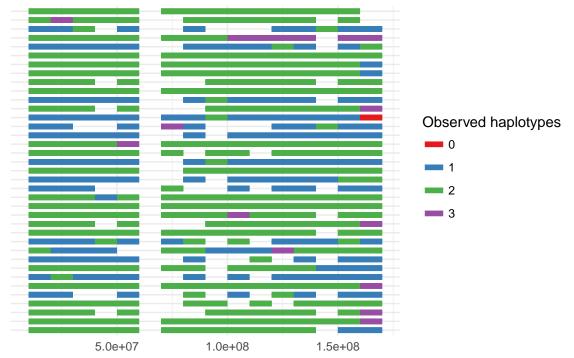
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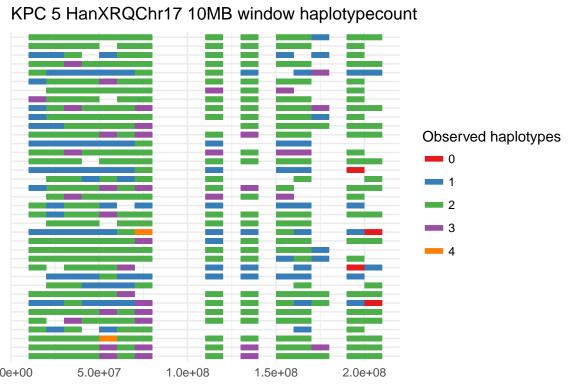


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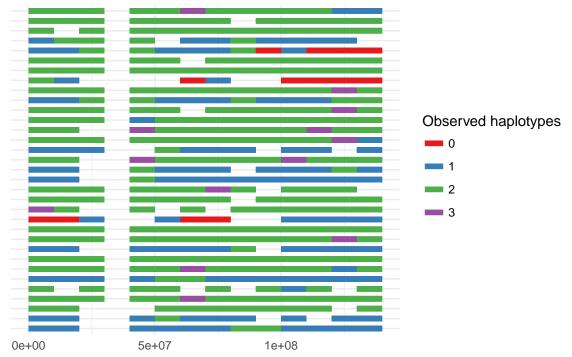


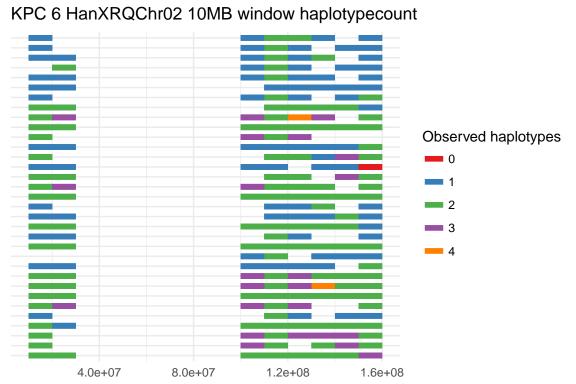
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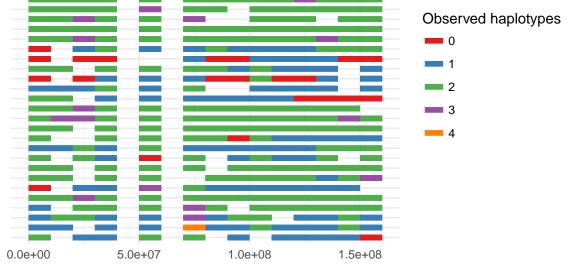


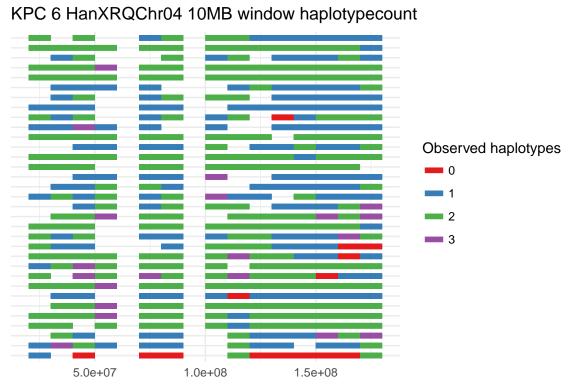
KPC 6 HanXRQChr01 10MB window haplotypecount





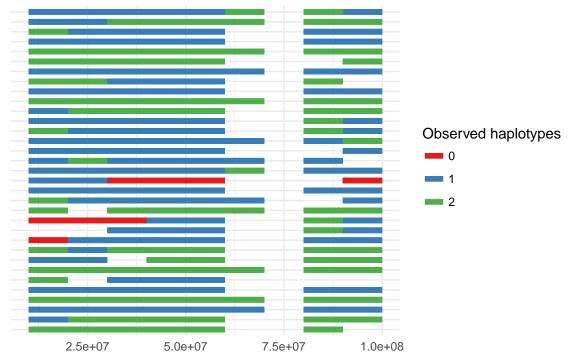
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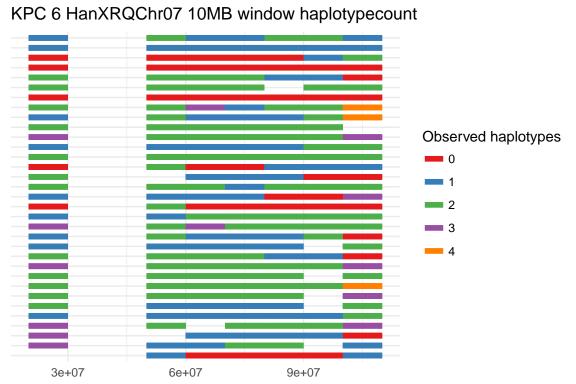


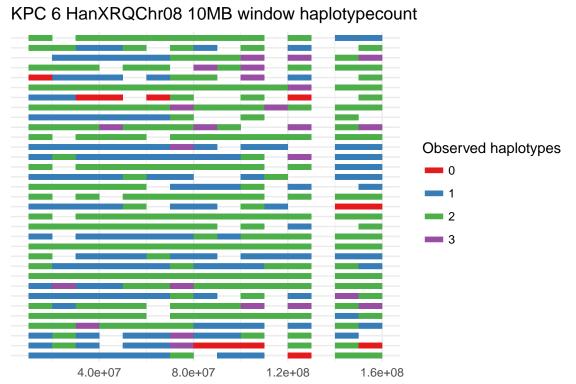


KPC 6 HanXRQChr05 10MB window haplotypecount Observed haplotypes **3** 1.0e+08 5.0e+07 1.5e + 082.0e+08

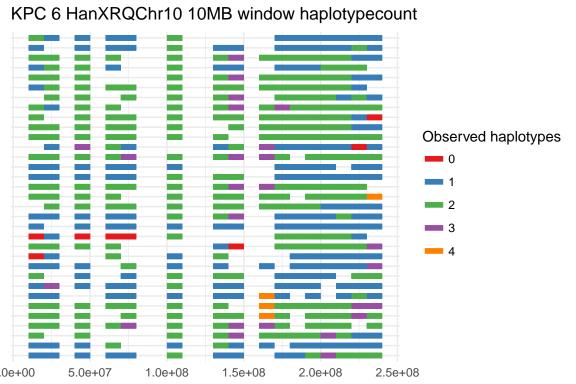
KPC 6 HanXRQChr06 10MB window haplotypecount

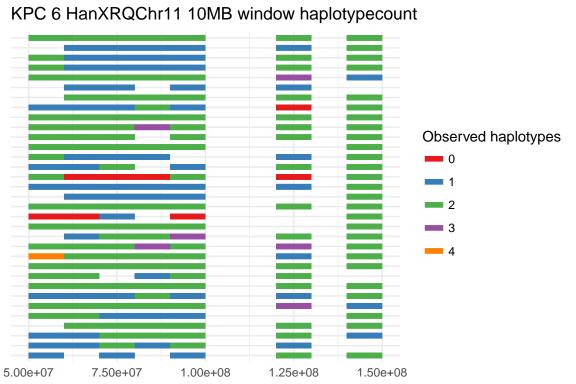




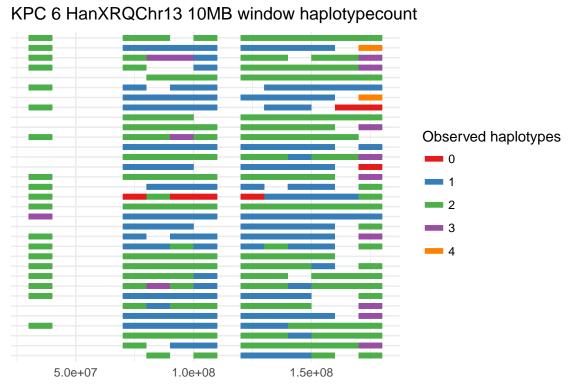


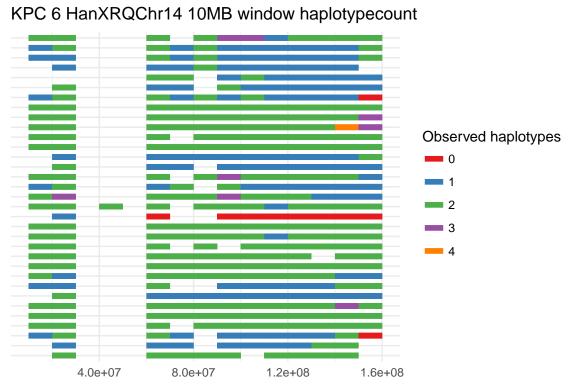
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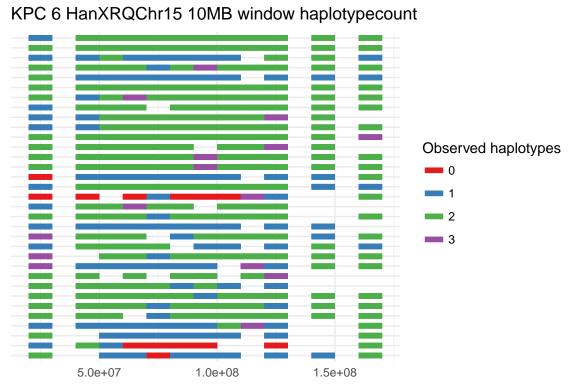


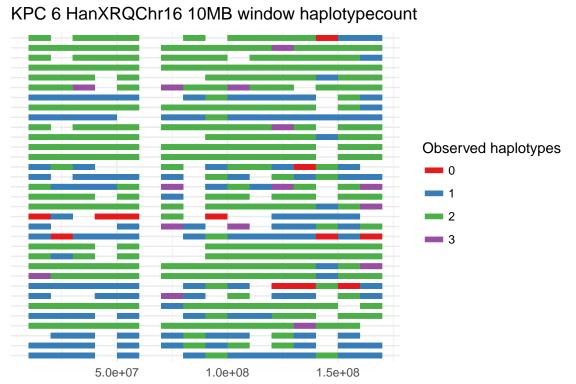


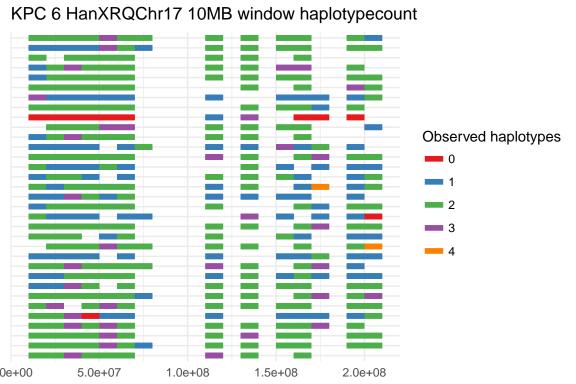
KPC 6 HanXRQChr12 10MB window haplotypecount Observed haplotypes 4e+07 6e+07 8e+07



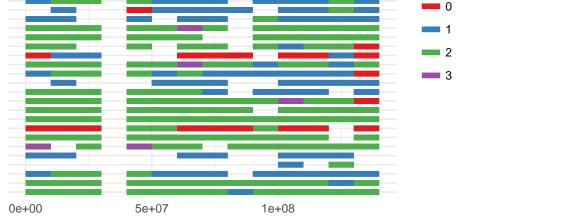


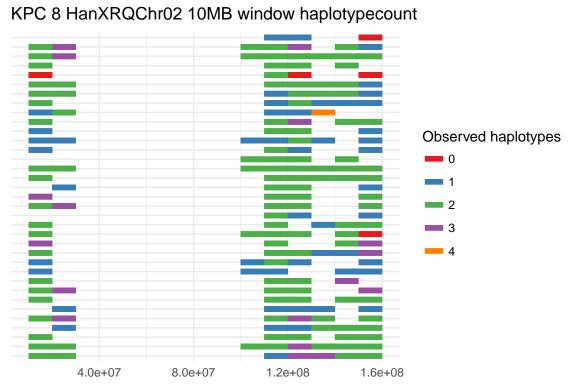


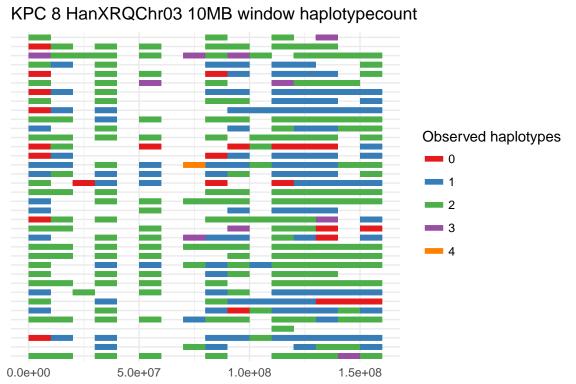


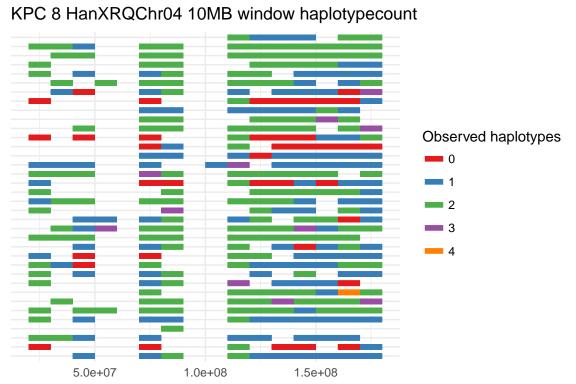


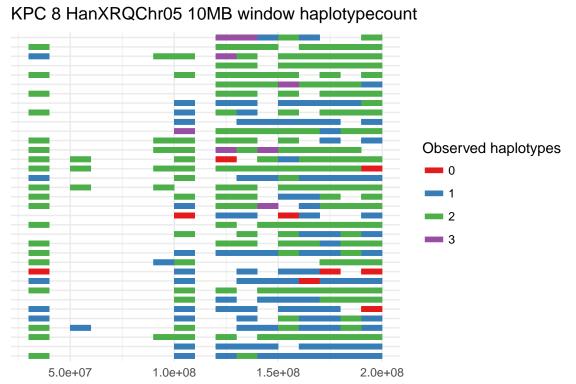
KPC 8 HanXRQChr01 10MB window haplotypecount Observed haplotypes



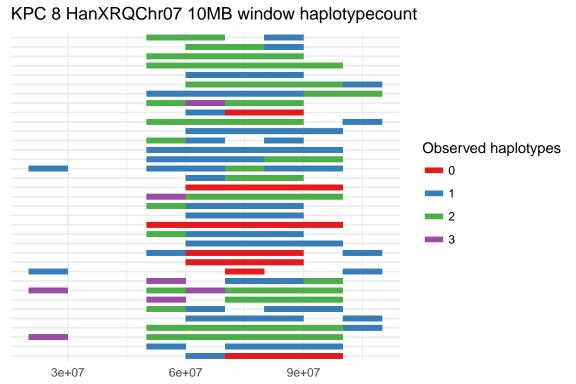


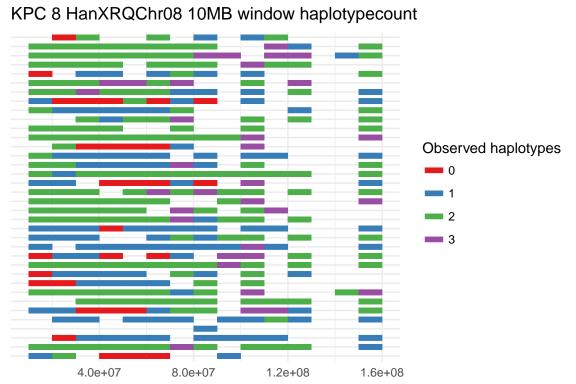


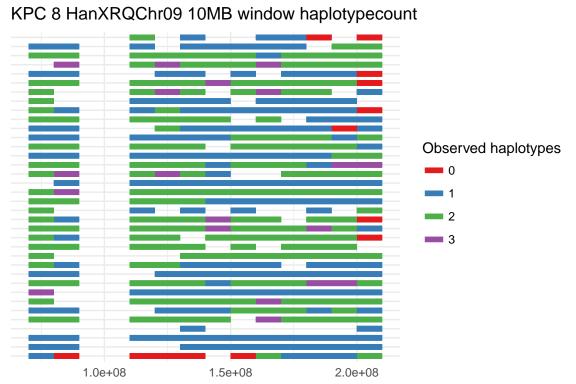


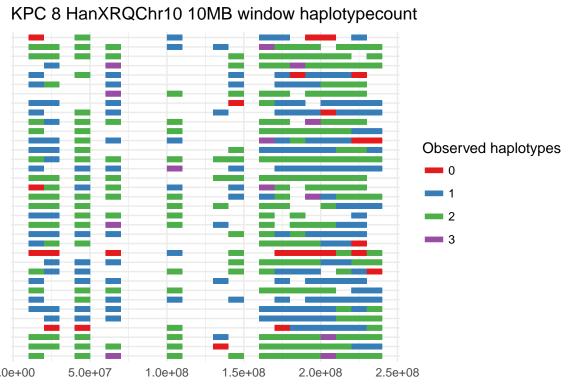


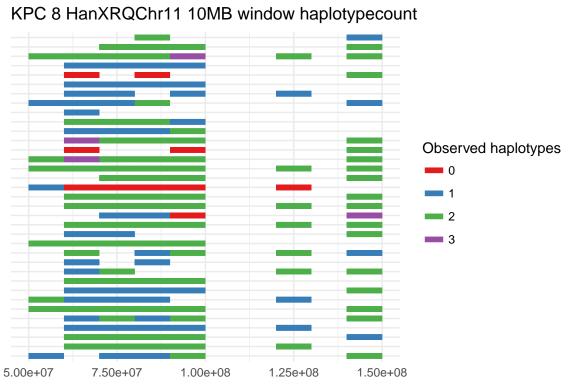
KPC 8 HanXRQChr06 10MB window haplotypecount Observed haplotypes 2.5e+07 5.0e+07 7.5e + 071.0e + 08



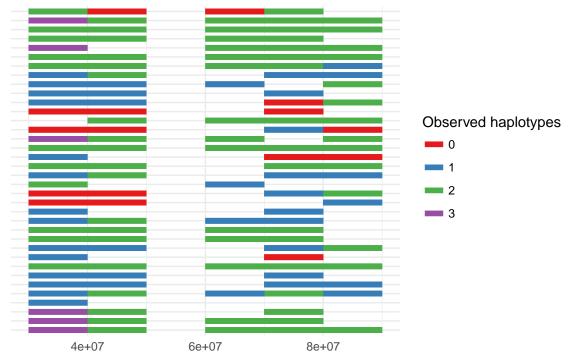


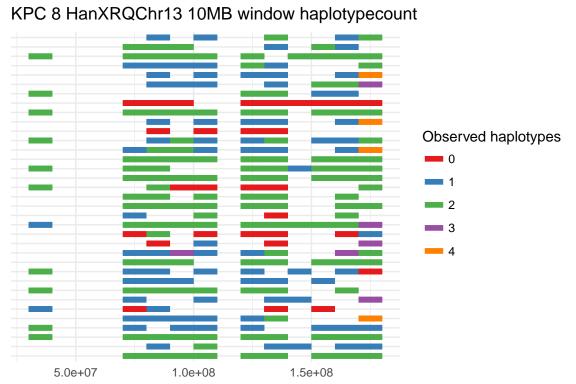






KPC 8 HanXRQChr12 10MB window haplotypecount





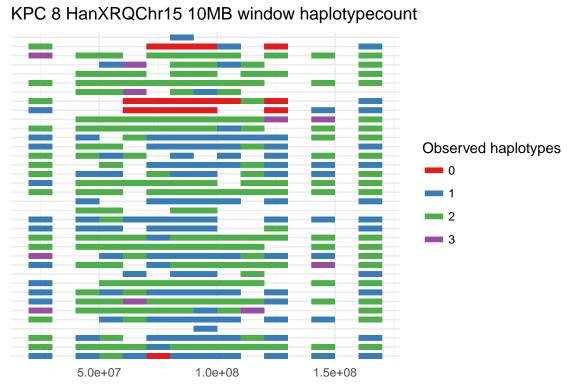
KPC 8 HanXRQChr14 10MB window haplotypecount Observed haplotypes _ 2 **3**

1.2e+08

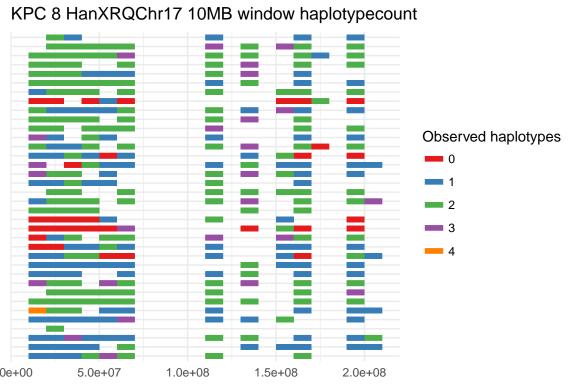
1.6e+08

4.0e+07

8.0e+07

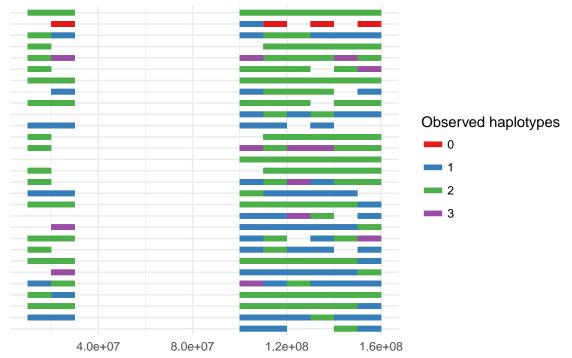


KPC 8 HanXRQChr16 10MB window haplotypecount Observed haplotypes 1.5e+08 5.0e+07 1.0e+08



LBJ 2.5 HanXRQChr01 10MB window haplotypecount Observed haplotypes 0e+00 5e+07 1e+08

LBJ 2.5 HanXRQChr02 10MB window haplotypecount

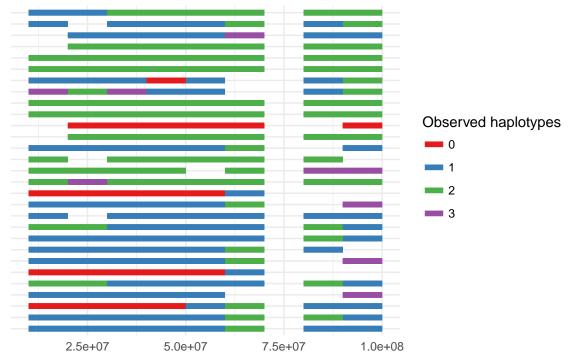


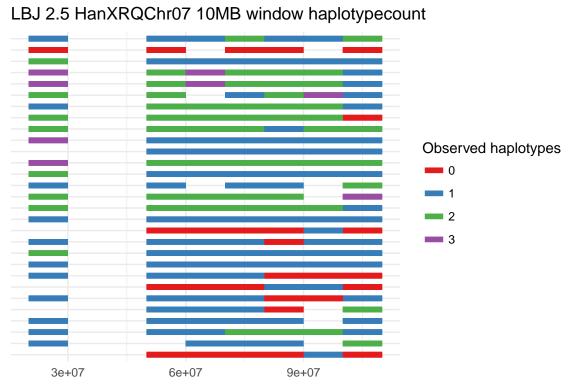
LBJ 2.5 HanXRQChr03 10MB window haplotypecount Observed haplotypes 0.0e+005.0e+07 1.0e+08 1.5e + 08

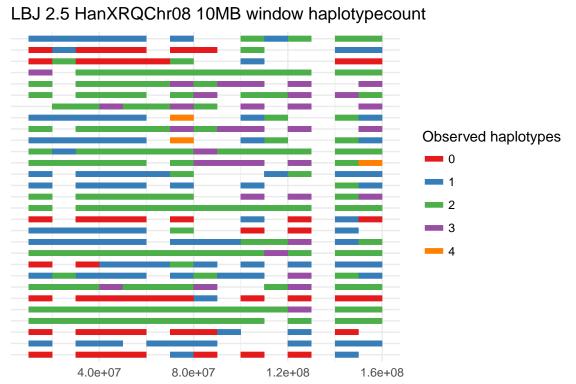
LBJ 2.5 HanXRQChr04 10MB window haplotypecount Observed haplotypes **0** 1.0e+08 1.5e+08 5.0e+07

LBJ 2.5 HanXRQChr05 10MB window haplotypecount Observed haplotypes **3** 1.0e+08 1.5e+08 5.0e+07 2.0e+08

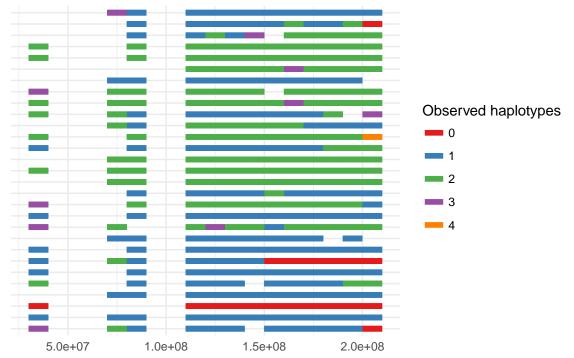
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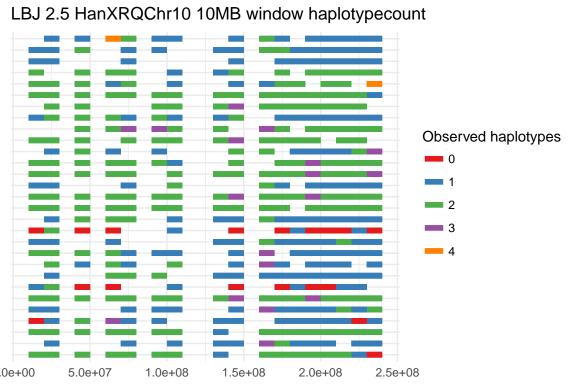






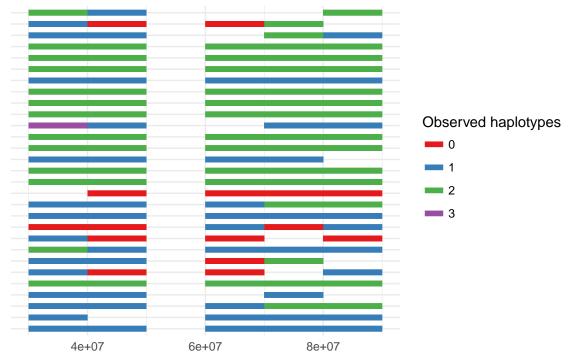
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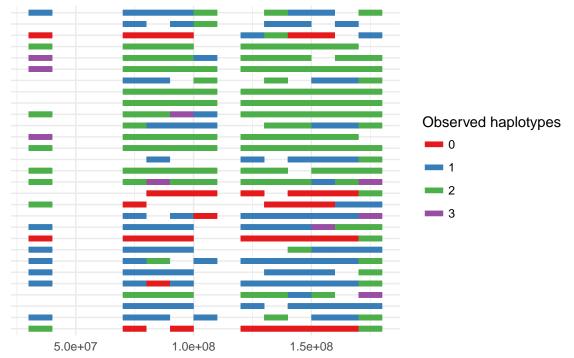


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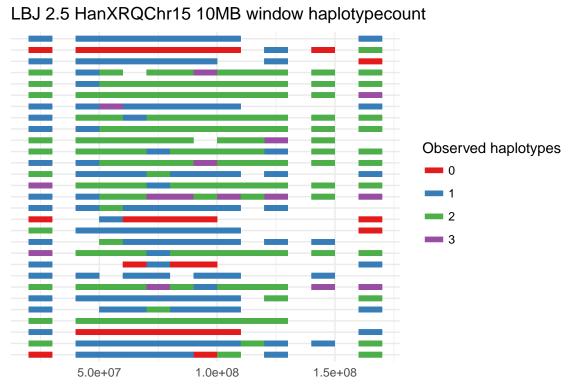
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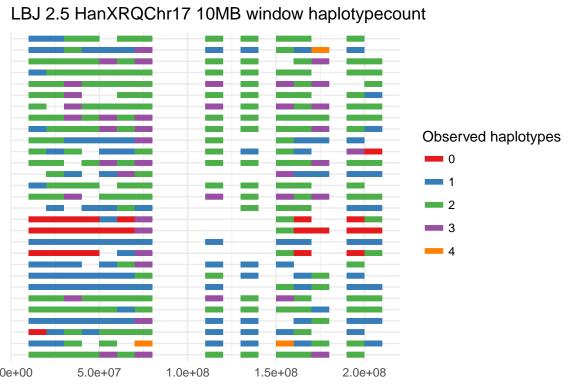
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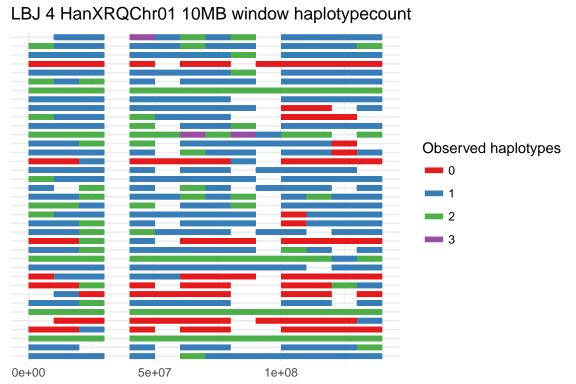


LBJ 2.5 HanXRQChr14 10MB window haplotypecount Observed haplotypes 3 4.0e+07 8.0e+07 1.2e+08 1.6e+08



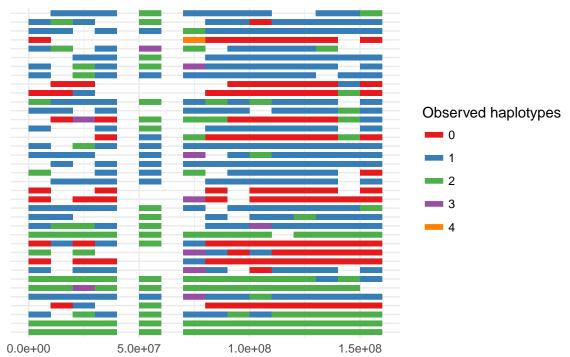
LBJ 2.5 HanXRQChr16 10MB window haplotypecount Observed haplotypes **3** 1.0e+08 5.0e+07 1.5e+08

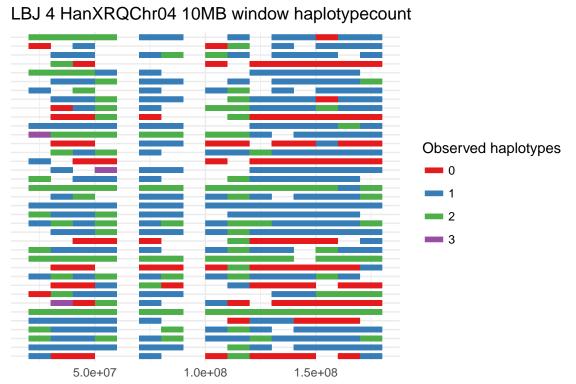




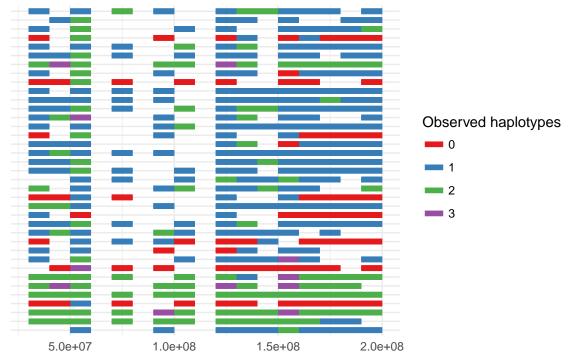
LBJ 4 HanXRQChr02 10MB window haplotypecount Observed haplotypes 4.0e+07 8.0e+07 1.2e+08 1.6e+08

LBJ 4 HanXRQChr03 10MB window haplotypecount

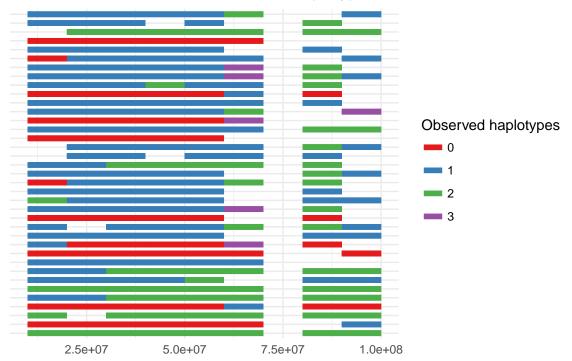




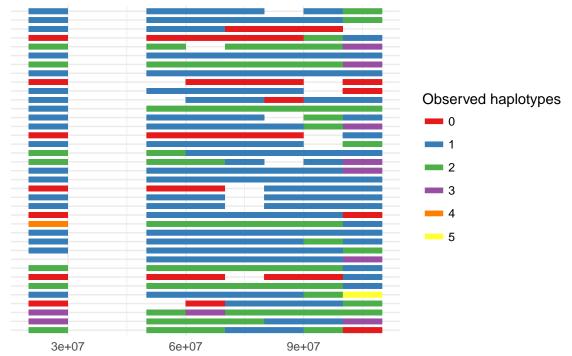
LBJ 4 HanXRQChr05 10MB window haplotypecount



LBJ 4 HanXRQChr06 10MB window haplotypecount

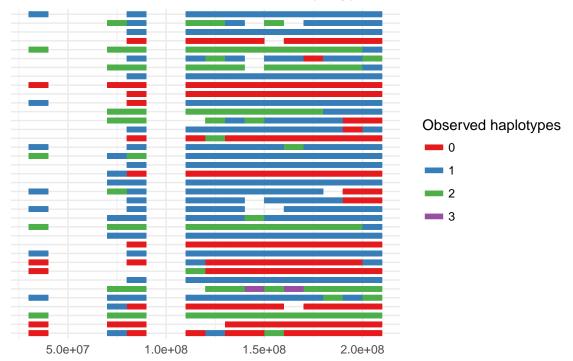


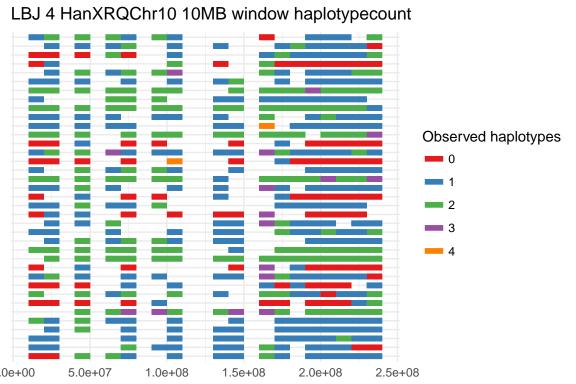
LBJ 4 HanXRQChr07 10MB window haplotypecount

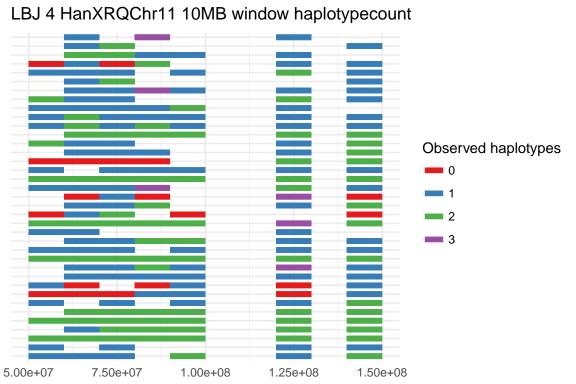


LBJ 4 HanXRQChr08 10MB window haplotypecount Observed haplotypes **0** 5 4.0e+07 8.0e+07 1.2e+08 1.6e+08

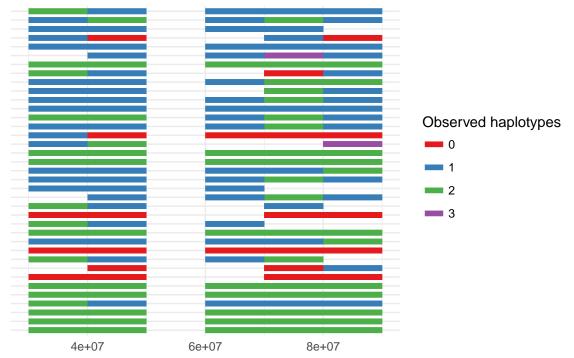
LBJ 4 HanXRQChr09 10MB window haplotypecount



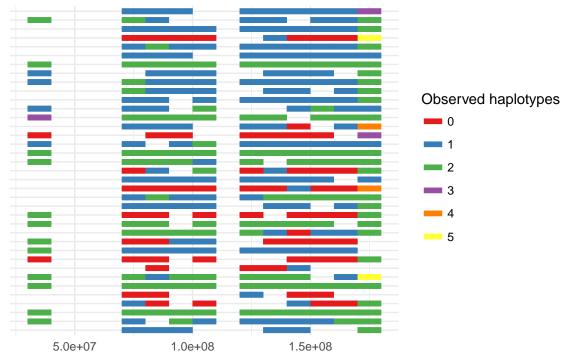




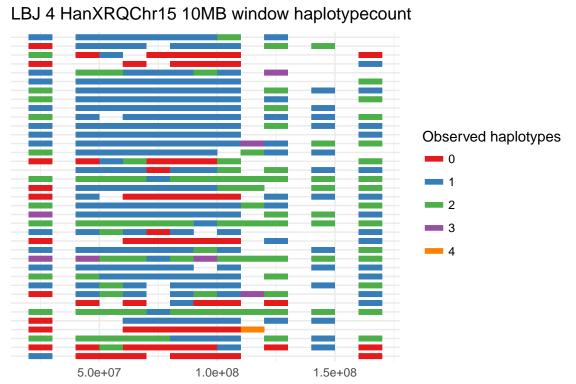
LBJ 4 HanXRQChr12 10MB window haplotypecount



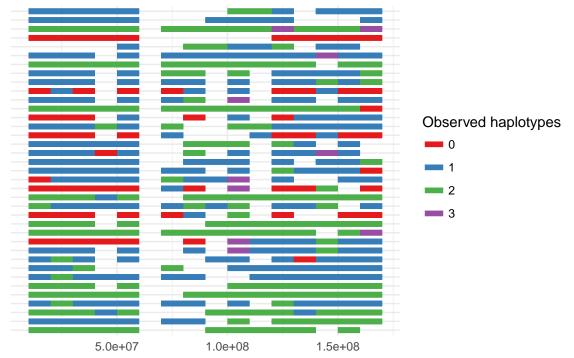
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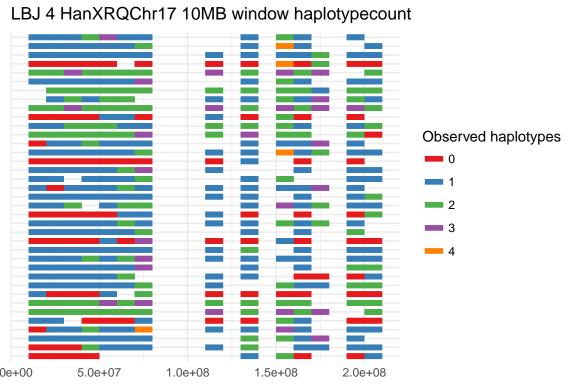


LBJ 4 HanXRQChr14 10MB window haplotypecount Observed haplotypes **0** 1.6e+08 4.0e+07 8.0e+07 1.2e+08



LBJ 4 HanXRQChr16 10MB window haplotypecount

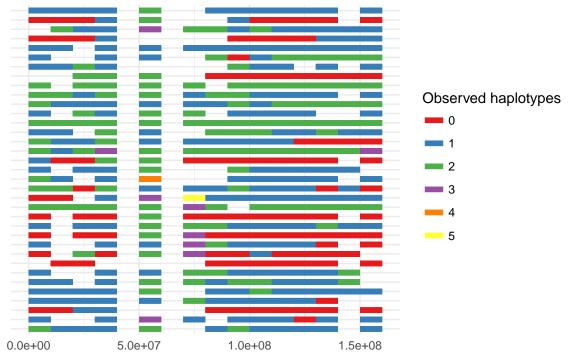




LBJ 5 HanXRQChr01 10MB window haplotypecount Observed haplotypes 3 0e+00 5e+07 1e+08

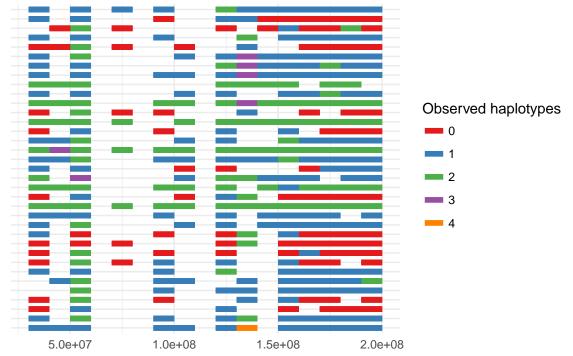
LBJ 5 HanXRQChr02 10MB window haplotypecount Observed haplotypes 4.0e+07 8.0e+07 1.2e+08 1.6e+08

LBJ 5 HanXRQChr03 10MB window haplotypecount



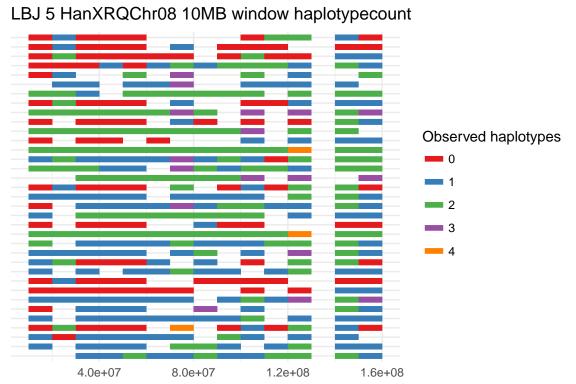
LBJ 5 HanXRQChr04 10MB window haplotypecount Observed haplotypes **0** 1.0e+08 1.5e+08 5.0e+07

LBJ 5 HanXRQChr05 10MB window haplotypecount

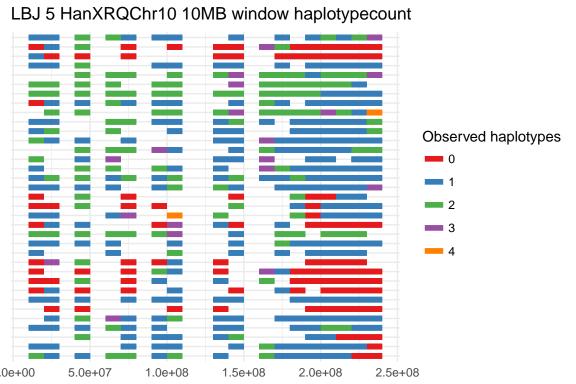


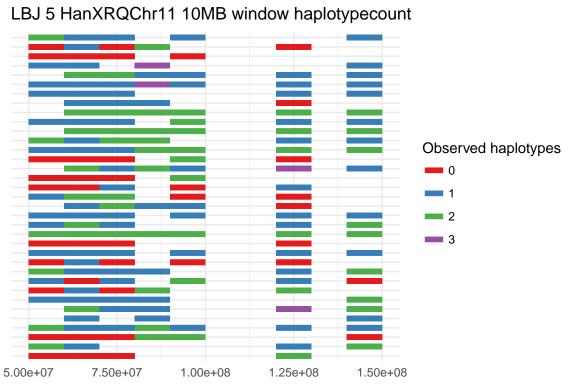
LBJ 5 HanXRQChr06 10MB window haplotypecount Observed haplotypes 2.5e+07 5.0e+07 7.5e + 071.0e+08

LBJ 5 HanXRQChr07 10MB window haplotypecount Observed haplotypes 3e+07 6e+07 9e+07

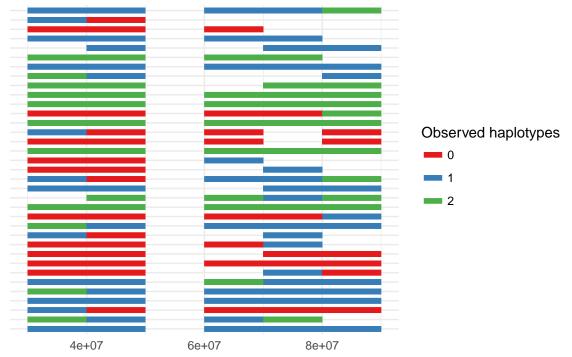


LBJ 5 HanXRQChr09 10MB window haplotypecount Observed haplotypes 3 5.0e+07 1.5e+08 1.0e+08 2.0e+08

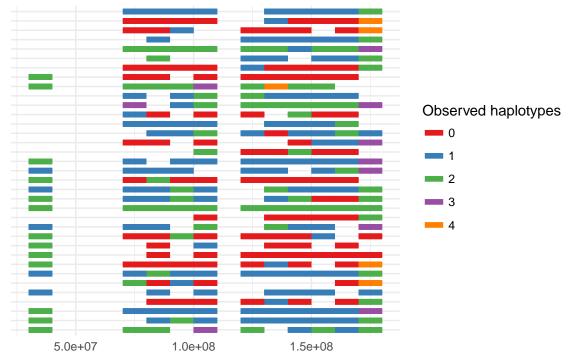




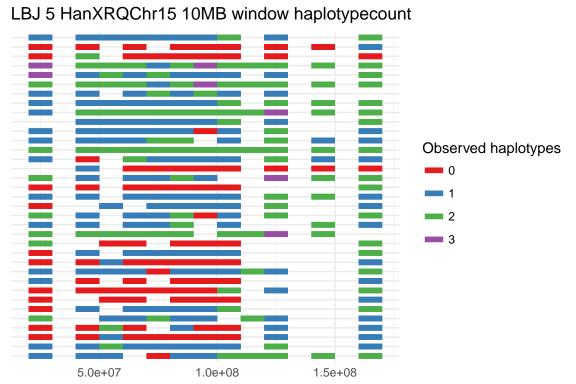
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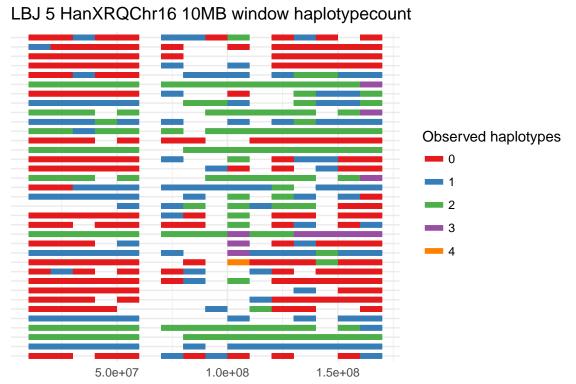


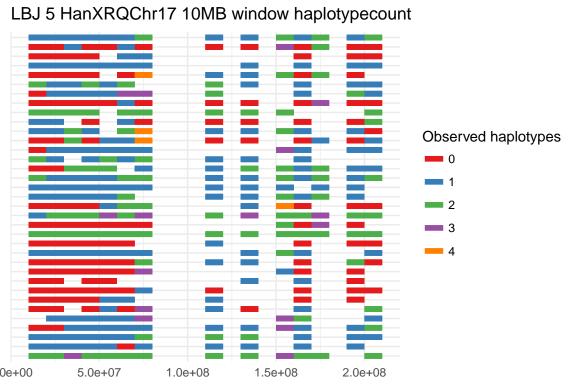
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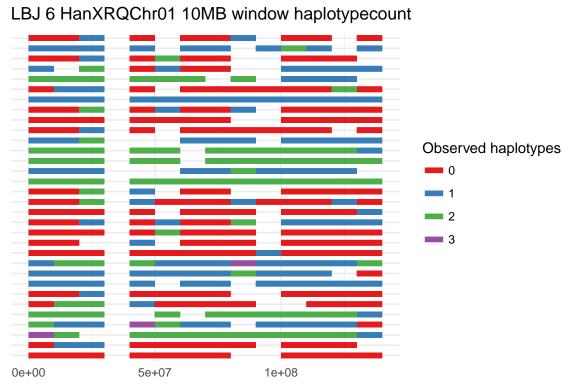


LBJ 5 HanXRQChr14 10MB window haplotypecount Observed haplotypes ___ 3 1.6e+08 4.0e+07 8.0e+07 1.2e+08



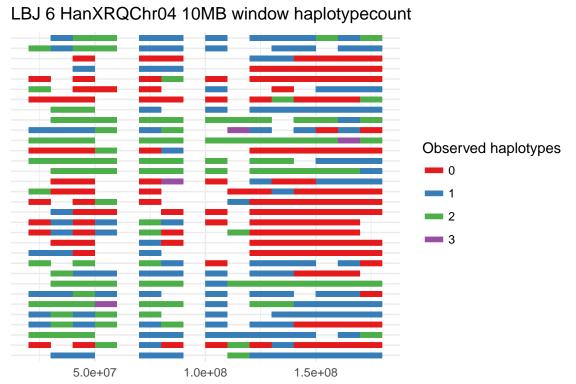




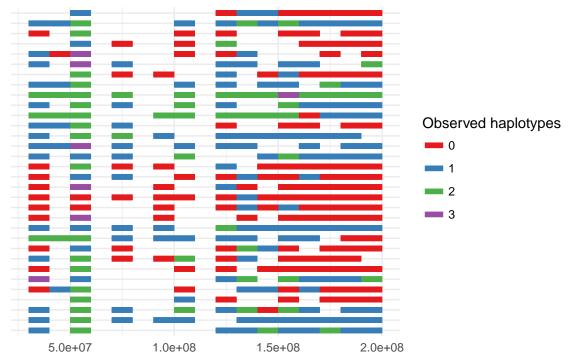


LBJ 6 HanXRQChr02 10MB window haplotypecount Observed haplotypes 4.0e+07 8.0e+07 1.2e+08 1.6e+08

LBJ 6 HanXRQChr03 10MB window haplotypecount Observed haplotypes **3** 0.0e+00 5.0e+07 1.0e+08 1.5e + 08

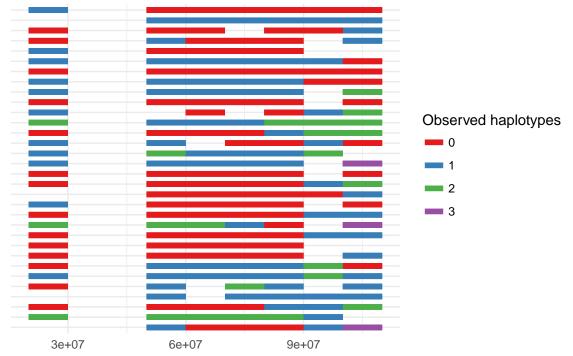


LBJ 6 HanXRQChr05 10MB window haplotypecount



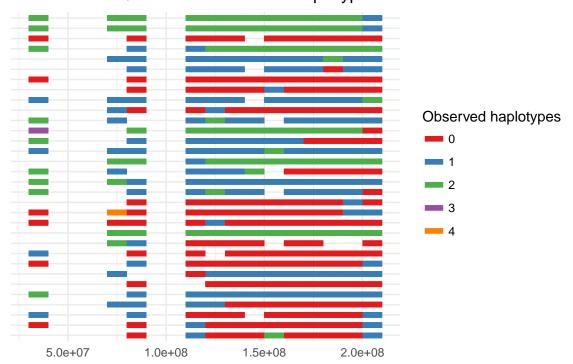
LBJ 6 HanXRQChr06 10MB window haplotypecount Observed haplotypes 3 2.5e+07 5.0e+07 7.5e + 071.0e + 08

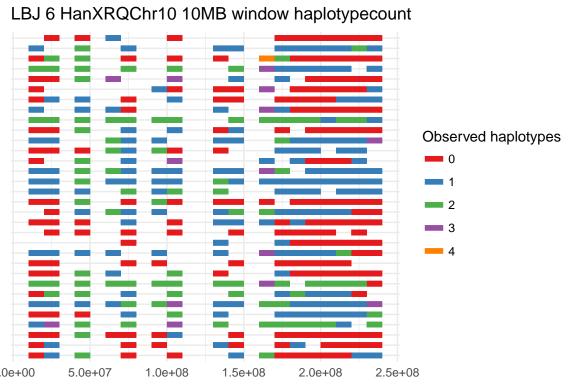
LBJ 6 HanXRQChr07 10MB window haplotypecount



LBJ 6 HanXRQChr08 10MB window haplotypecount Observed haplotypes **0 3** 1.6e+08 4.0e+07 8.0e+07 1.2e+08

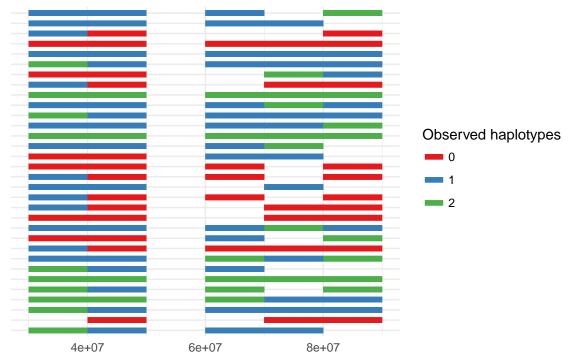
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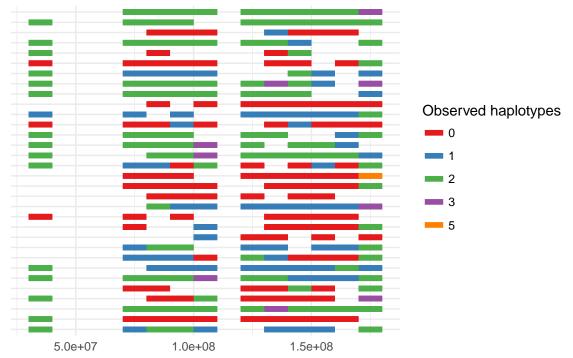


LBJ 6 HanXRQChr11 10MB window haplotypecount Observed haplotypes 5.00e+07 7.50e+07 1.00e+08 1.25e+08 1.50e+08

LBJ 6 HanXRQChr12 10MB window haplotypecount



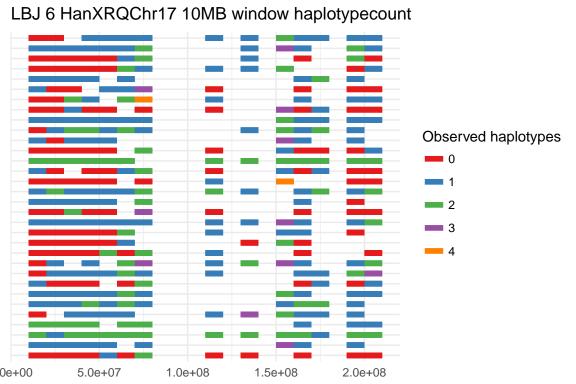
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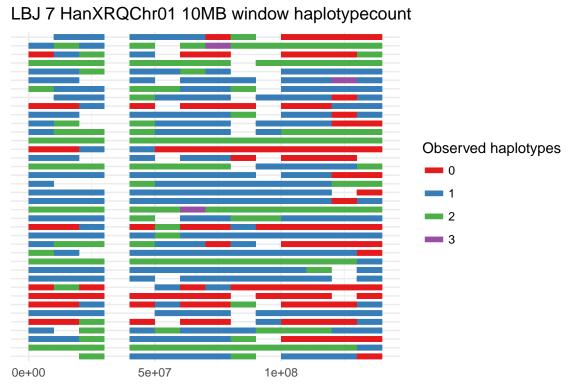


LBJ 6 HanXRQChr14 10MB window haplotypecount Observed haplotypes _ 2 **3** 4.0e+07 8.0e+07 1.2e+08 1.6e + 08

LBJ 6 HanXRQChr15 10MB window haplotypecount Observed haplotypes **2 3** 5.0e+07 1.0e+08 1.5e+08

LBJ 6 HanXRQChr16 10MB window haplotypecount Observed haplotypes 1.5e+08 5.0e+07 1.0e+08





LBJ 7 HanXRQChr02 10MB window haplotypecount Observed haplotypes 4.0e+07 8.0e+07 1.2e+08 1.6e+08

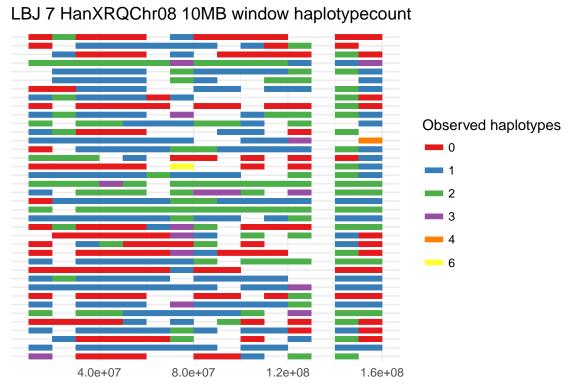
LBJ 7 HanXRQChr03 10MB window haplotypecount Observed haplotypes _ 2 **3** 0.0e+005.0e+07 1.0e+08 1.5e + 08

LBJ 7 HanXRQChr04 10MB window haplotypecount Observed haplotypes **2 3** 5.0e+07 1.0e+08 1.5e + 08

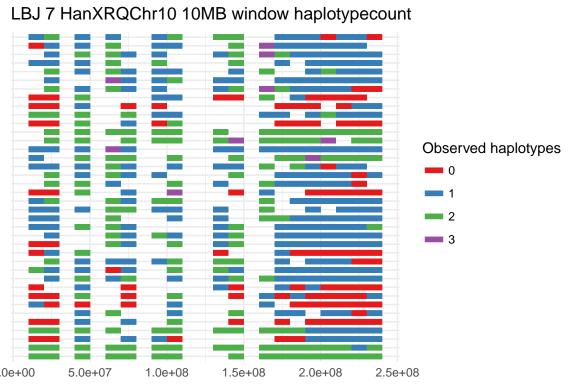
LBJ 7 HanXRQChr05 10MB window haplotypecount Observed haplotypes **2 3** 5.0e+07 1.0e+08 2.0e+08 1.5e + 08

LBJ 7 HanXRQChr06 10MB window haplotypecount Observed haplotypes 2.5e+07 5.0e+07 7.5e + 071.0e+08

LBJ 7 HanXRQChr07 10MB window haplotypecount Observed haplotypes 3 3e+07 6e+07 9e+07



LBJ 7 HanXRQChr09 10MB window haplotypecount Observed haplotypes **3** 5.0e+07 1.0e+08 1.5e+08 2.0e+08



LBJ 7 HanXRQChr11 10MB window haplotypecount Observed haplotypes 1.25e+08

1.50e+08

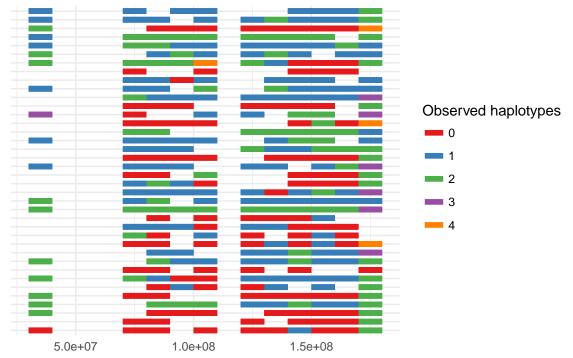
5.00e+07

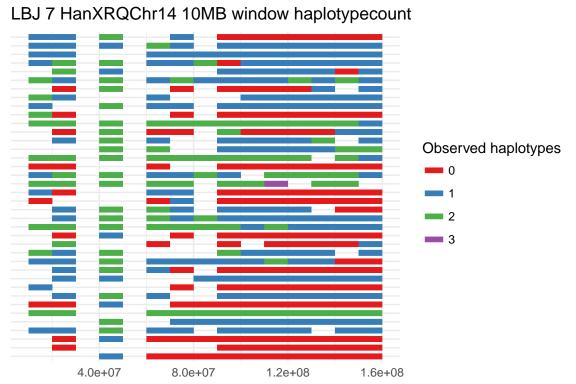
7.50e+07

1.00e+08

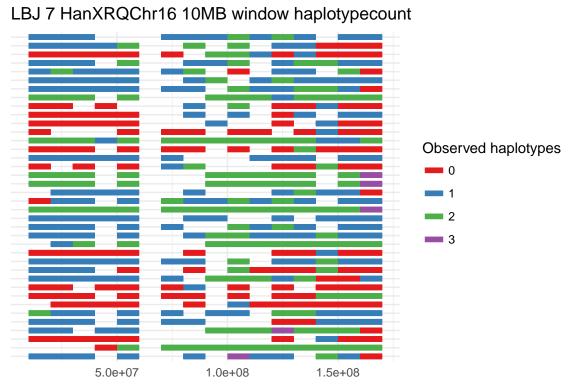
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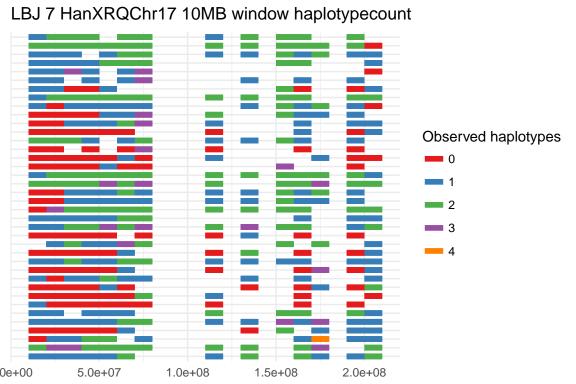
LBJ 7 HanXRQChr13 10MB window haplotypecount



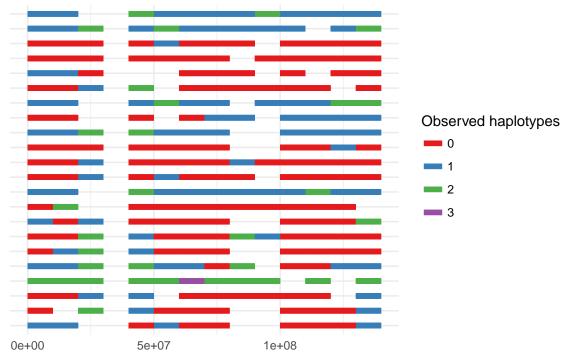


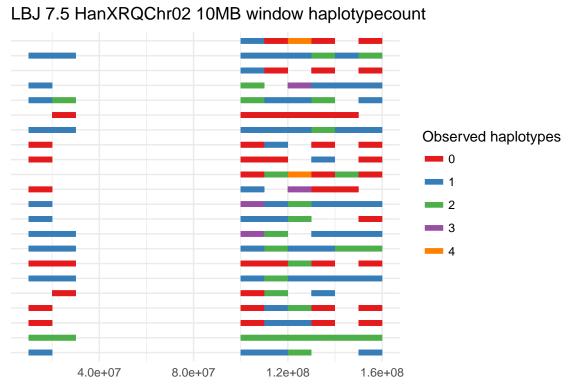
LBJ 7 HanXRQChr15 10MB window haplotypecount Observed haplotypes _ 2 **3** 5.0e+07 1.0e+08 1.5e+08



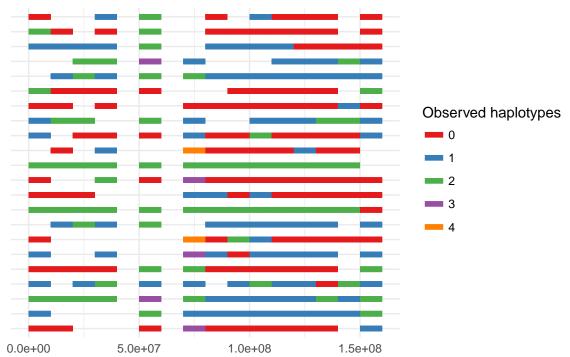


LBJ 7.5 HanXRQChr01 10MB window haplotypecount



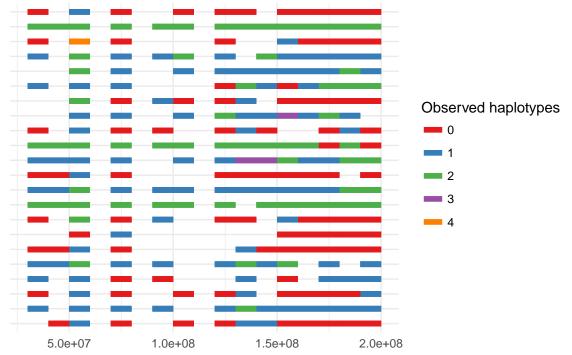


LBJ 7.5 HanXRQChr03 10MB window haplotypecount

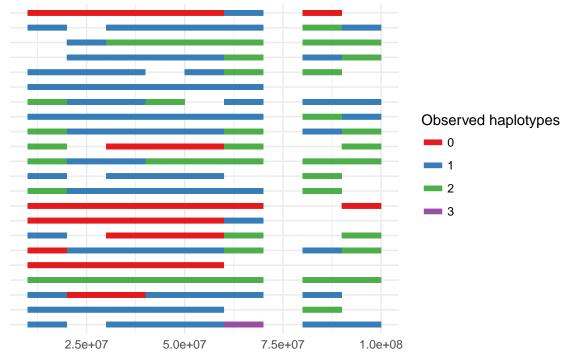


LBJ 7.5 HanXRQChr04 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e+08 1.5e+08

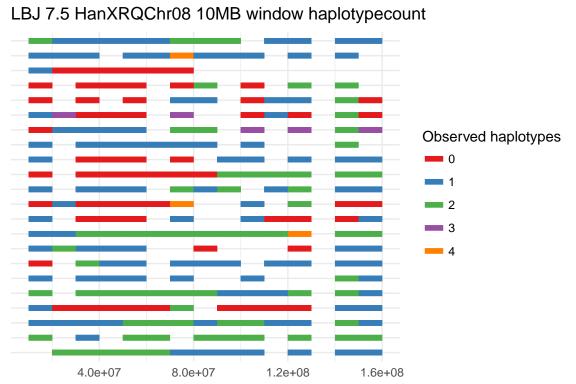
LBJ 7.5 HanXRQChr05 10MB window haplotypecount



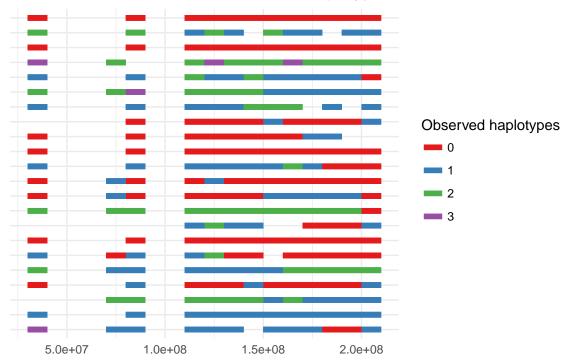
LBJ 7.5 HanXRQChr06 10MB window haplotypecount

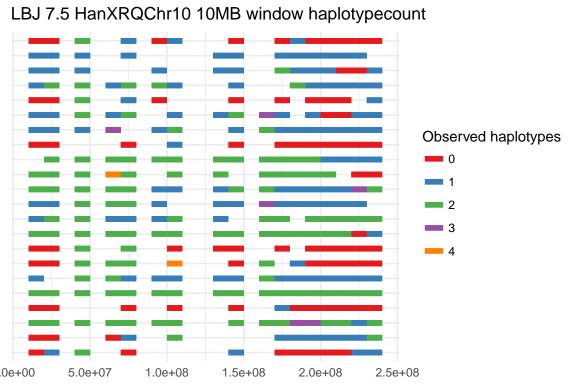


LBJ 7.5 HanXRQChr07 10MB window haplotypecount Observed haplotypes 3e+07 6e+07 9e+07

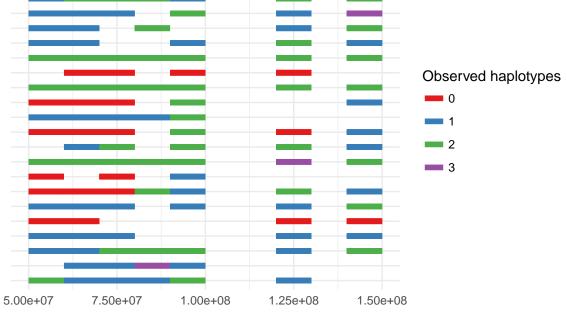


LBJ 7.5 HanXRQChr09 10MB window haplotypecount

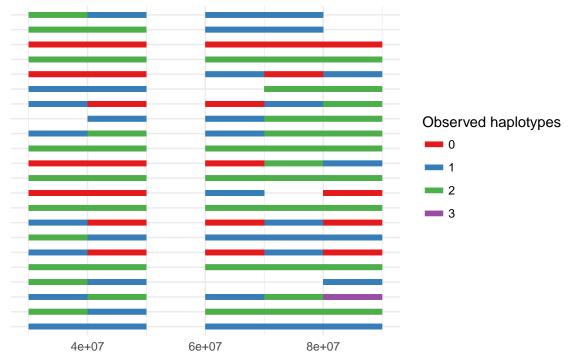




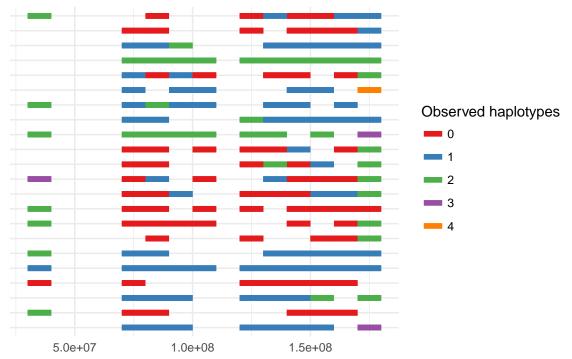
LBJ 7.5 HanXRQChr11 10MB window haplotypecount Observed haplotypes



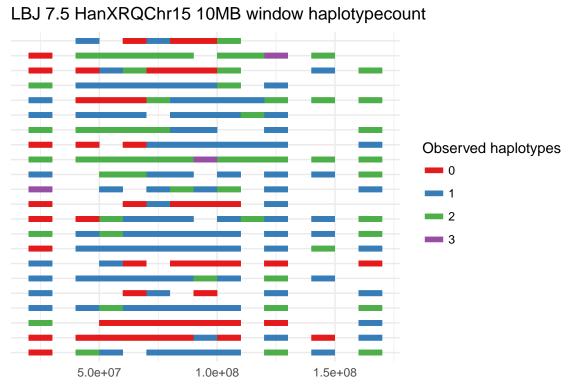
LBJ 7.5 HanXRQChr12 10MB window haplotypecount



LBJ 7.5 HanXRQChr13 10MB window haplotypecount



LBJ 7.5 HanXRQChr14 10MB window haplotypecount Observed haplotypes 3 1.6e+08 4.0e+07 8.0e+07 1.2e+08



LBJ 7.5 HanXRQChr16 10MB window haplotypecount Observed haplotypes 5.0e+07 1.0e+08 1.5e+08

LBJ 7.5 HanXRQChr17 10MB window haplotypecount Observed haplotypes

