Report CORIANDR: ChrOmosomal abeRration Identifier AND Reporter in R

09 Dezember, 2020

Sample_ID 'r patient_name'

unique_reads	1952144
average_length	149.896
unique_mapped_reads	3831028
SAMPLE_ID	29701.muenchen
gender	M

Calculated numerical karyotype:

NA

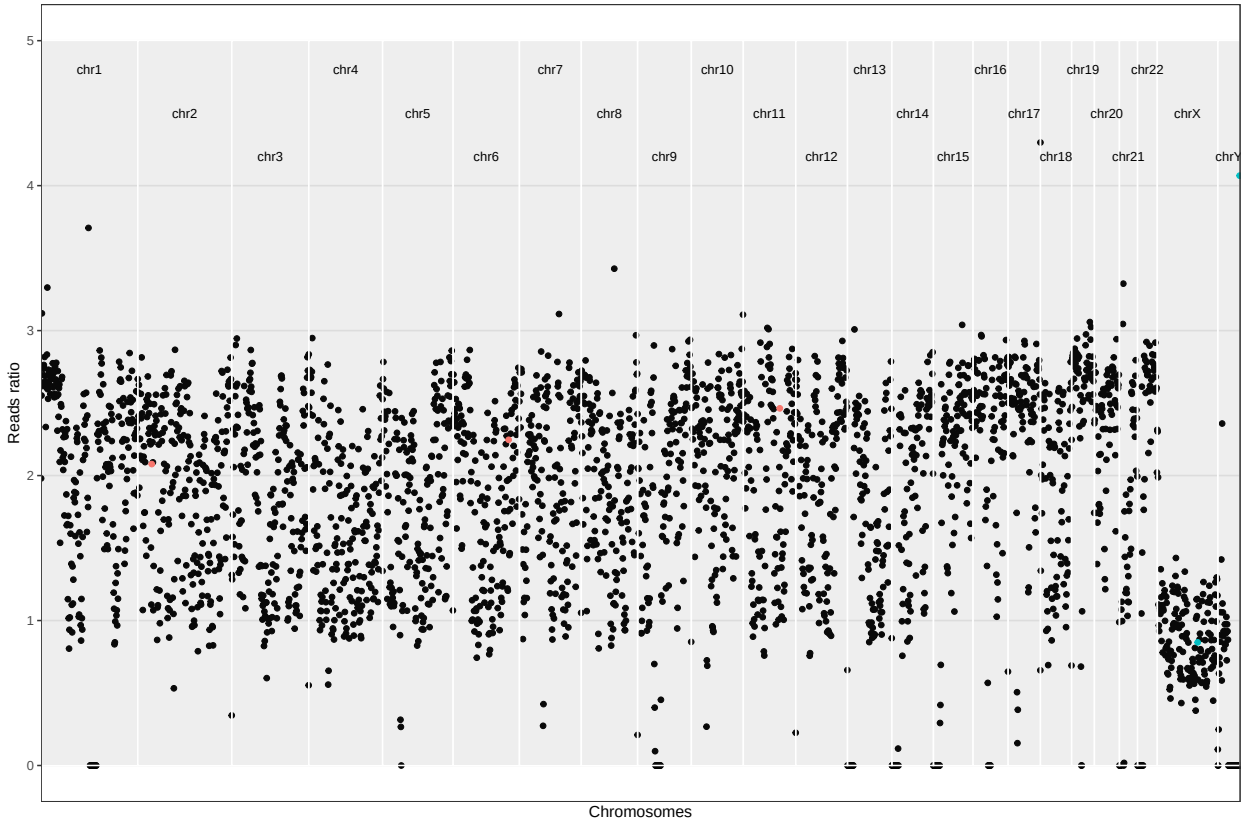
Genes affected by CNVs*:

id	symbol	chr	start	end	aberration

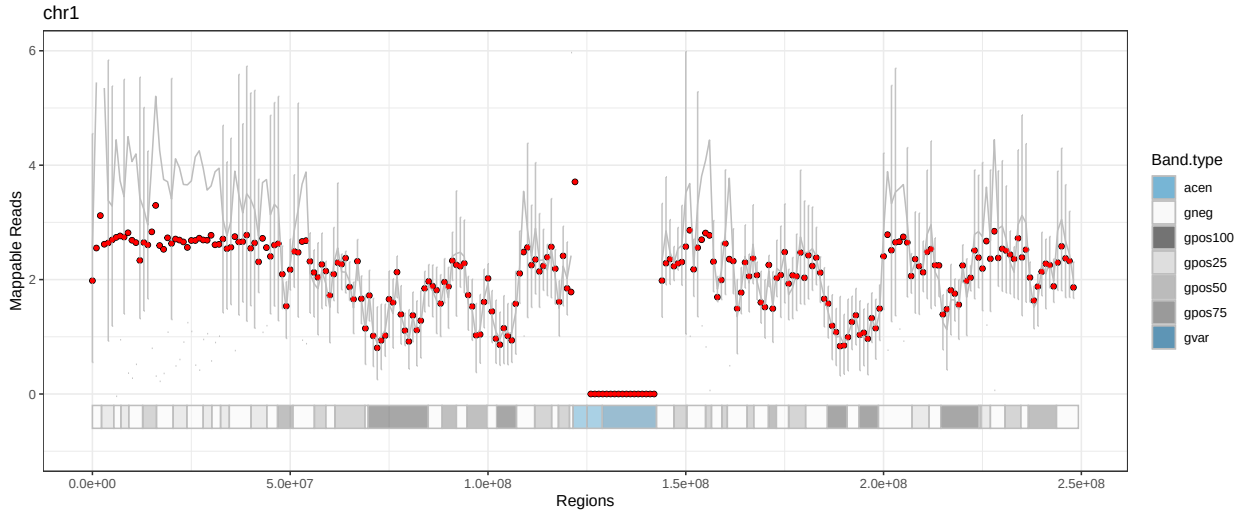
Bailey et al. (2018): Comprehensive Characterization of Cancer Driver Genes and Mutations. Cell 173 (2), 371-385.e18. DOI: 10.1016/j.cell.2018.02.060.;

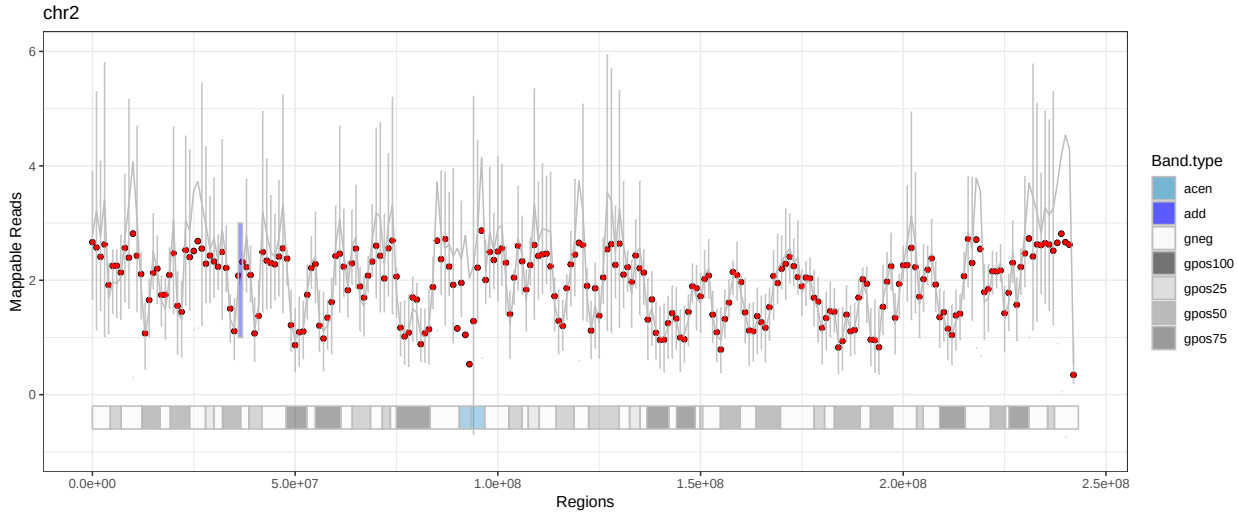
Papaemmanuil et al. (2016): Genomic Classification and Prognosis in Acute Myeloid Leukemia. The New England journal of medicine 374 (23), S. 2209–2221. DOI:10.1056/NEJMoa1516192.

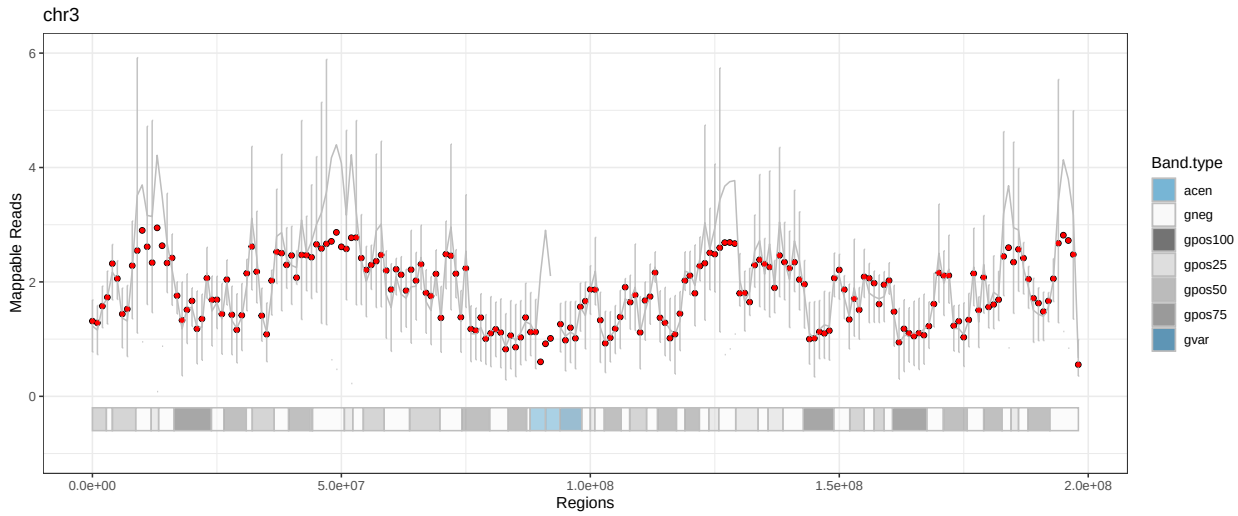
Karyotype overview:

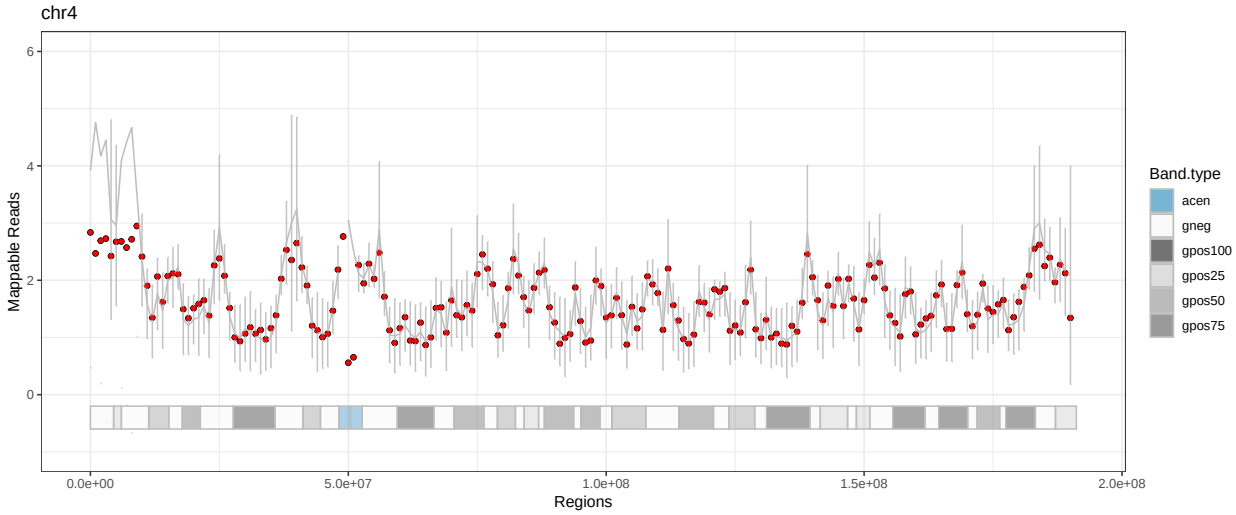


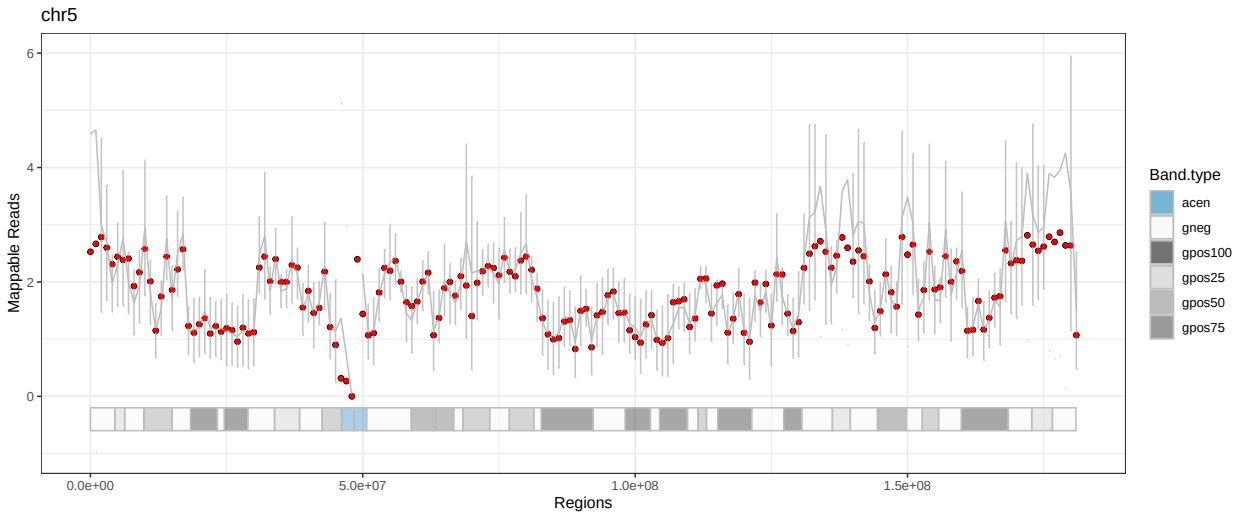
Chromosome Plots:








chr4
Mappable Reads
Regions
0.0e+00
5.0e+07
1.0e+08
1.5e+08
2.0e+08
Band.type
acen
gneg
gpos100
gpos25
gpos50
gpos75


chr5
Mappable Reads
Regions
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5.0e+07
1.0e+08
1.5e+08
Band.type
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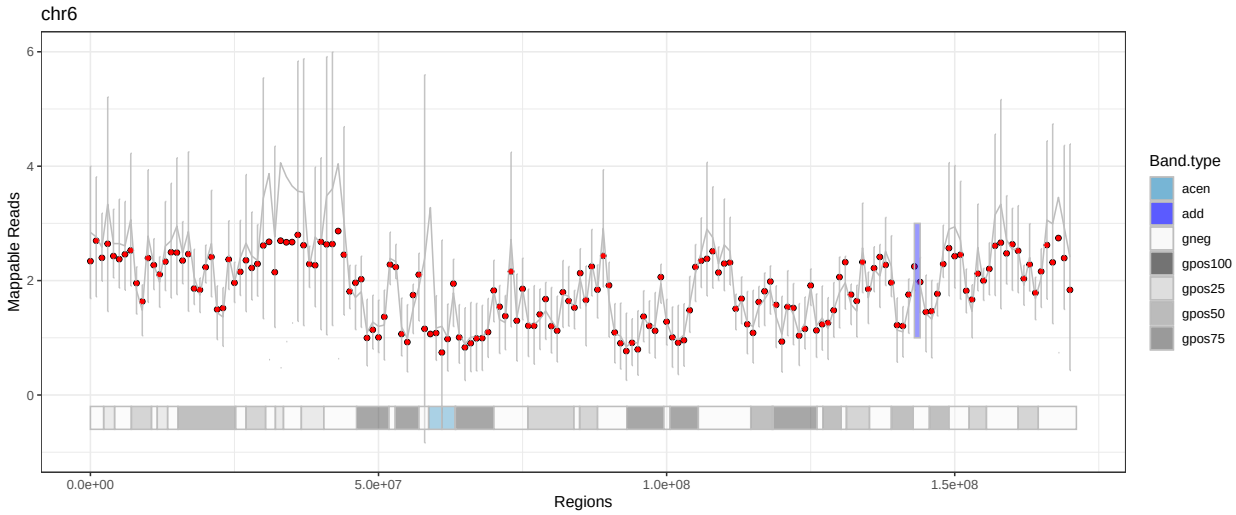
gpos25
gpos50
gpos75


chr6
Mappable Reads
Regions
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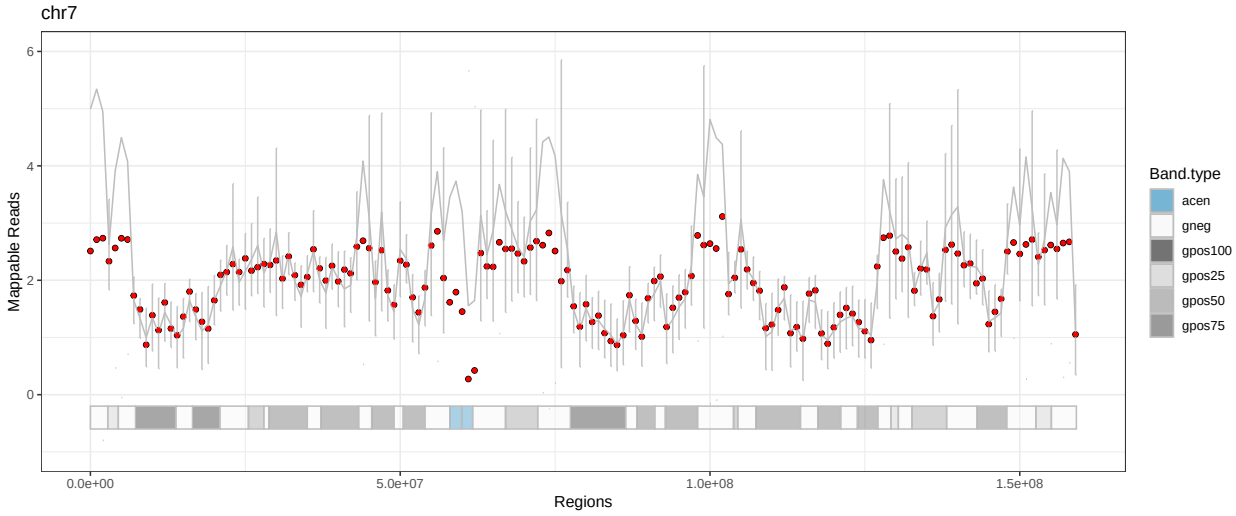
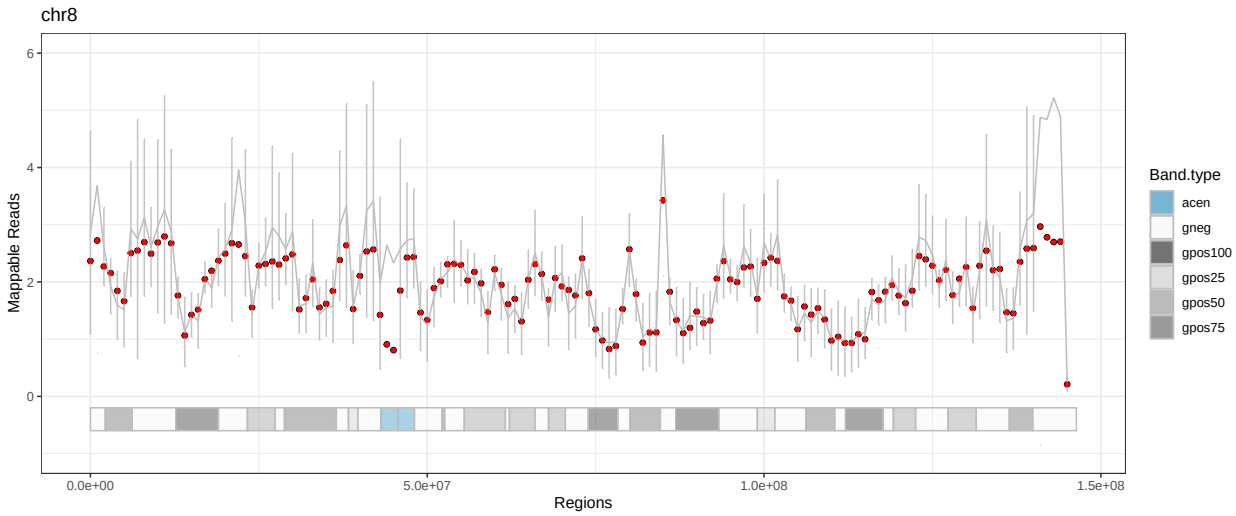
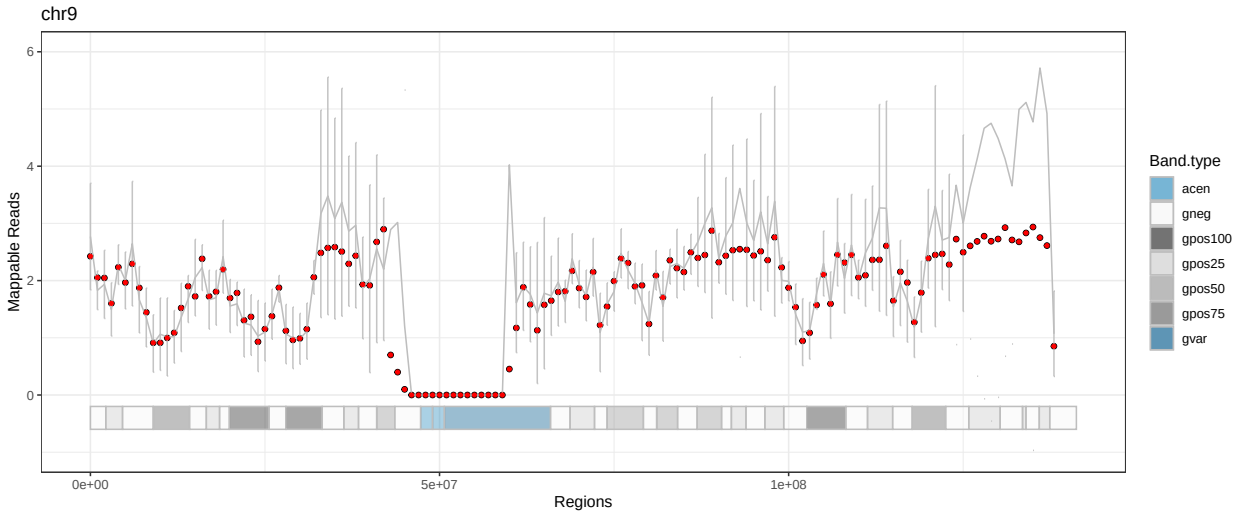
5.0e+07
1.0e+08
1.5e+08
Band.type
acen
add
gneg
gpos100
gpos25
gpos50
gpos75


chr7
Mappable Reads
0
2
4
6
0.0e+00
5.0e+07
1.0e+08
1.5e+08
Regions
Band.type
acen
gneg
gpos100
gpos25
gpos50
gpos75


chr8
Mappable Reads
0
2
4
6
0.0e+00
5.0e+07
1.0e+08
1.5e+08
Regions
Band.type
acen
gneg
gpos100
gpos25
gpos50
gpos75


chr9
Mappable Reads
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2
4
6
0e+00
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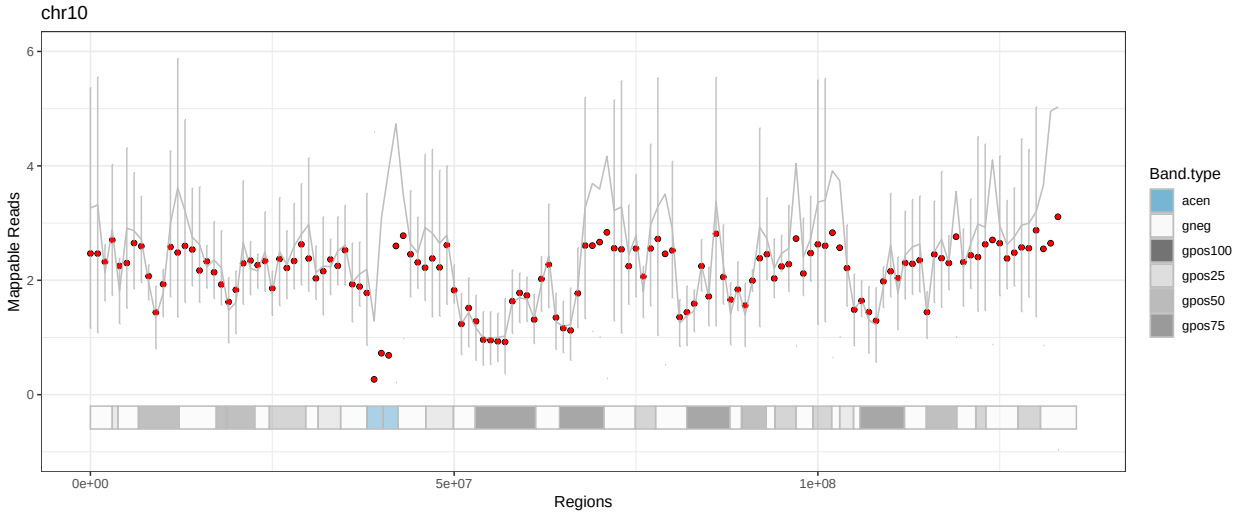
1e+08
Regions
Band.type
acen
gneg
gpos100
gpos25
gpos50
gpos75
gvar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Mappable Reads
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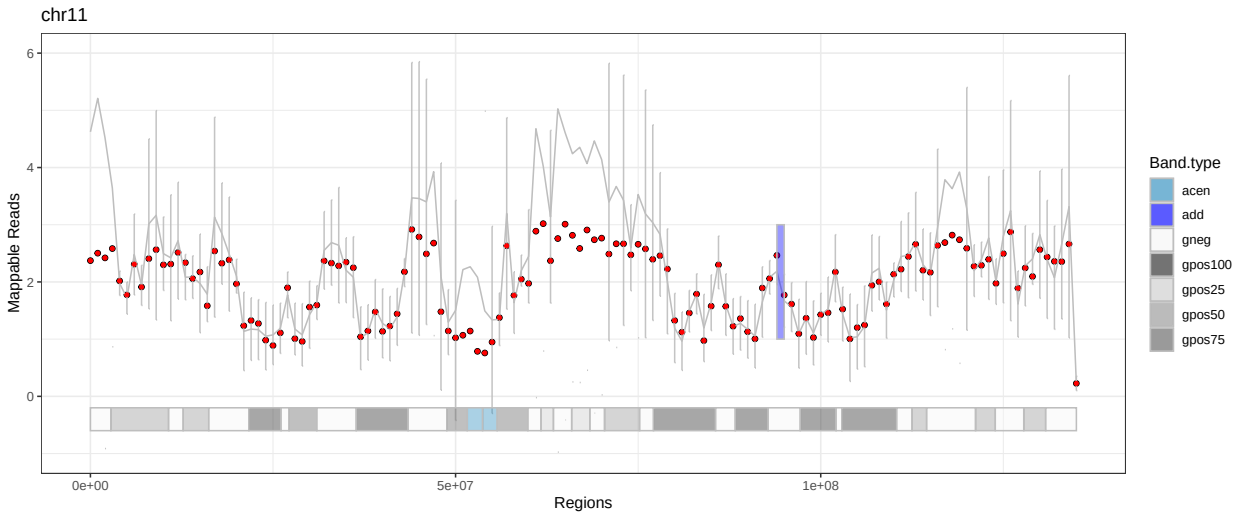
2
4
6
0e+00
5e+07
1e+08
Regions
Band.type
acen
gneg
gpos100
gpos25
gpos50
gpos75


chr11
Mappable Reads
0
2
4
6
0e+00
5e+07
1e+08
Regions
Band.type
acen
add
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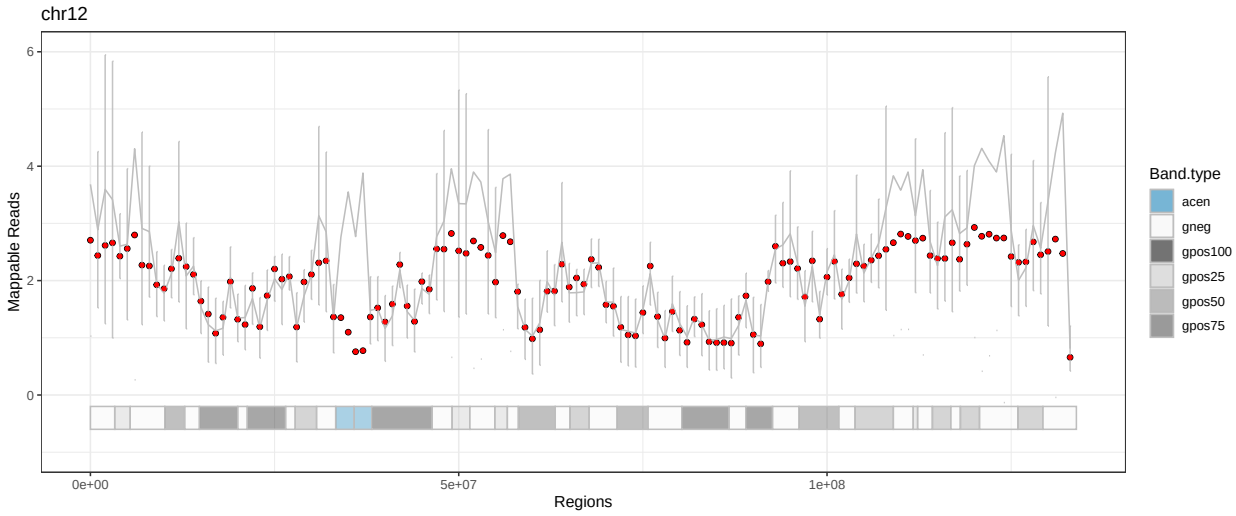
gpos50
gpos75


chr12
Mappable Reads
0
2
4
6
0e+00
5e+07
1e+08
Regions
Band.type
acen
gneg
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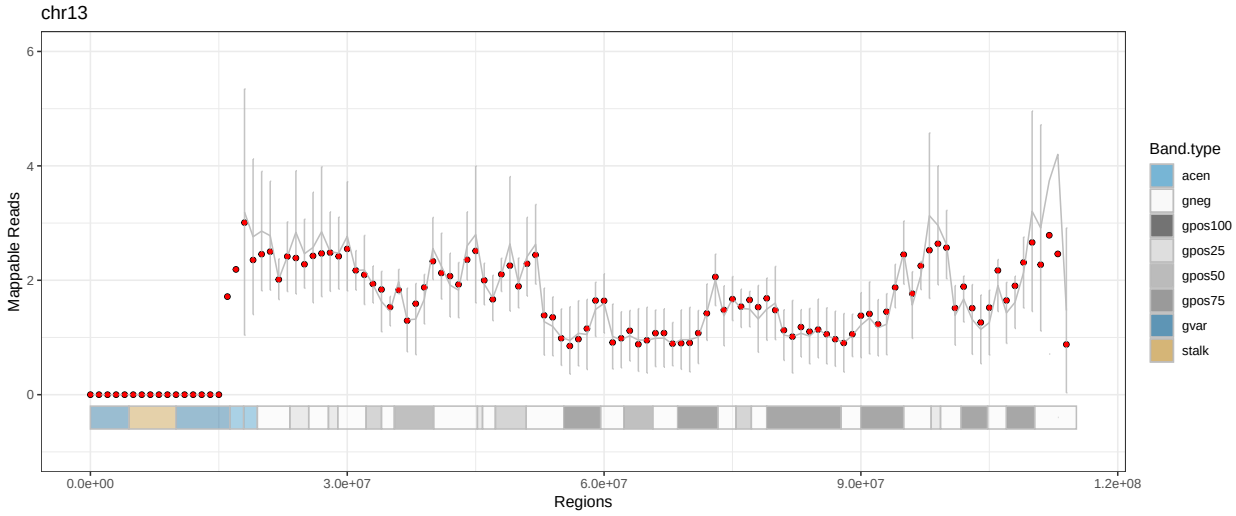
gpos25
gpos50
gpos75


chr13
Mappable Reads
Regions
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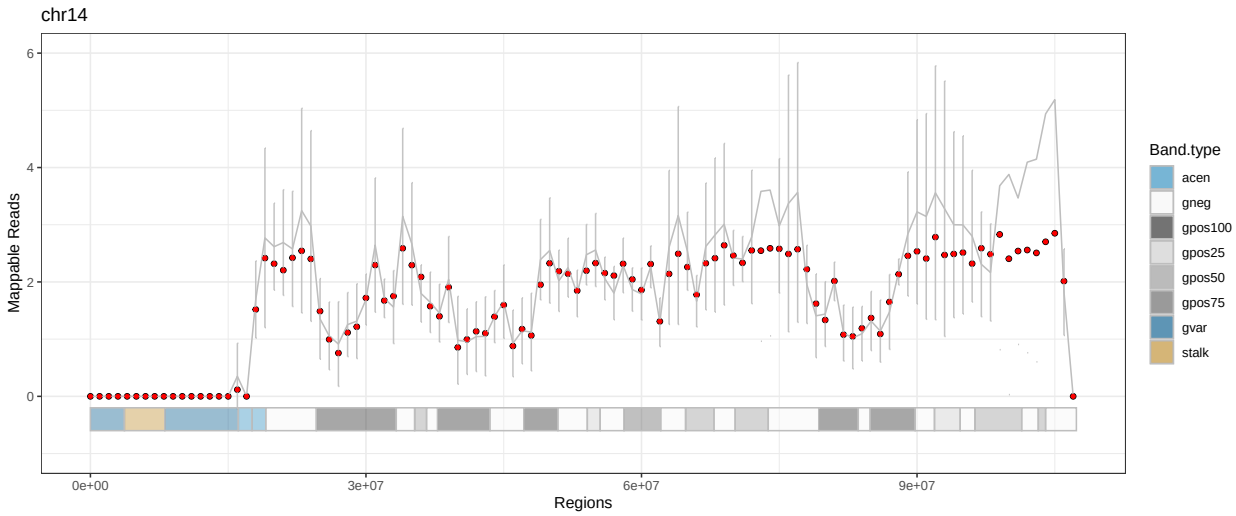
3.0e+07
6.0e+07
9.0e+07
1.2e+08
Band.type
acen
gneg
gpos100
gpos25
gpos50
gpos75
gvar
stalk


chr14
Mappable Reads
Regions
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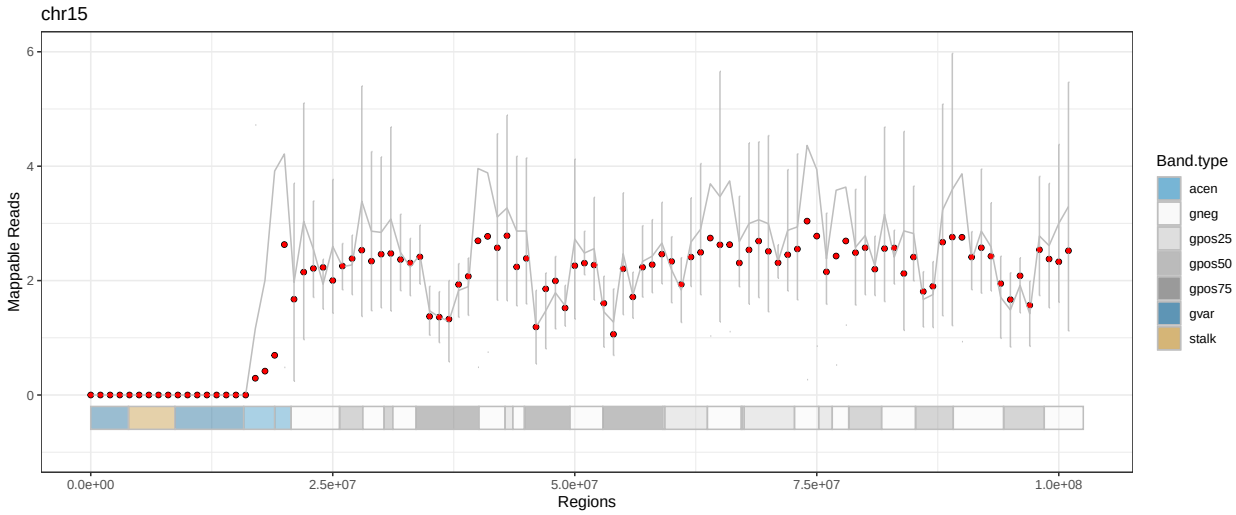
6e+07
9e+07
Band.type
acen
gneg
gpos100
gpos25
gpos50
gpos75
gvar
stalk


chr15
Mappable Reads
Regions
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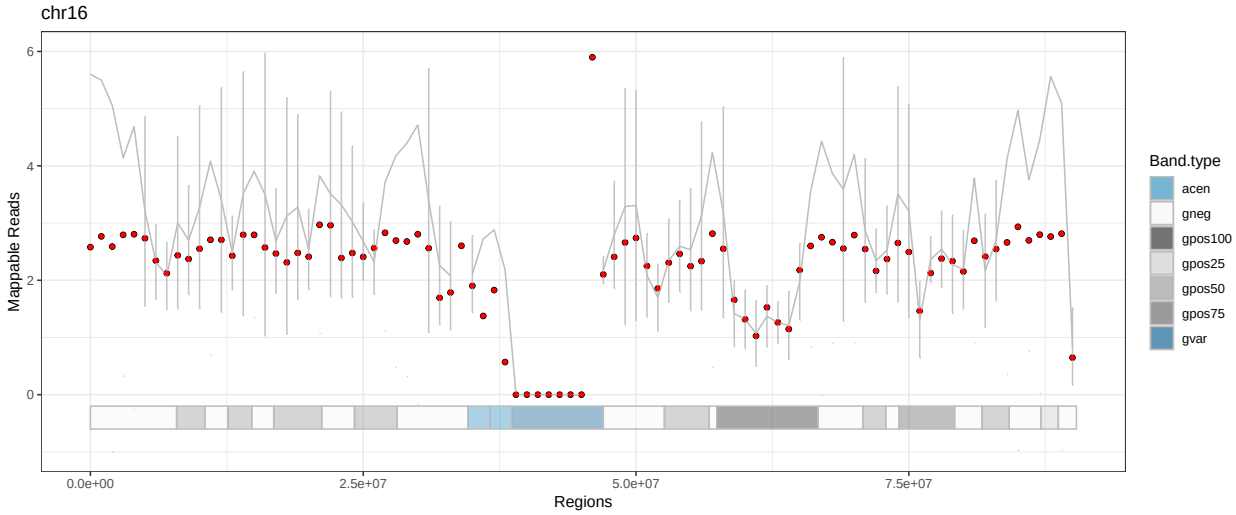
2.5e+07
5.0e+07
7.5e+07
1.0e+08
Band.type
acen
gneg
gpos25
gpos50
gpos75
gvar
stalk


chr16
Mappable Reads
Regions
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5.0e+07
7.5e+07
Band.type
acen
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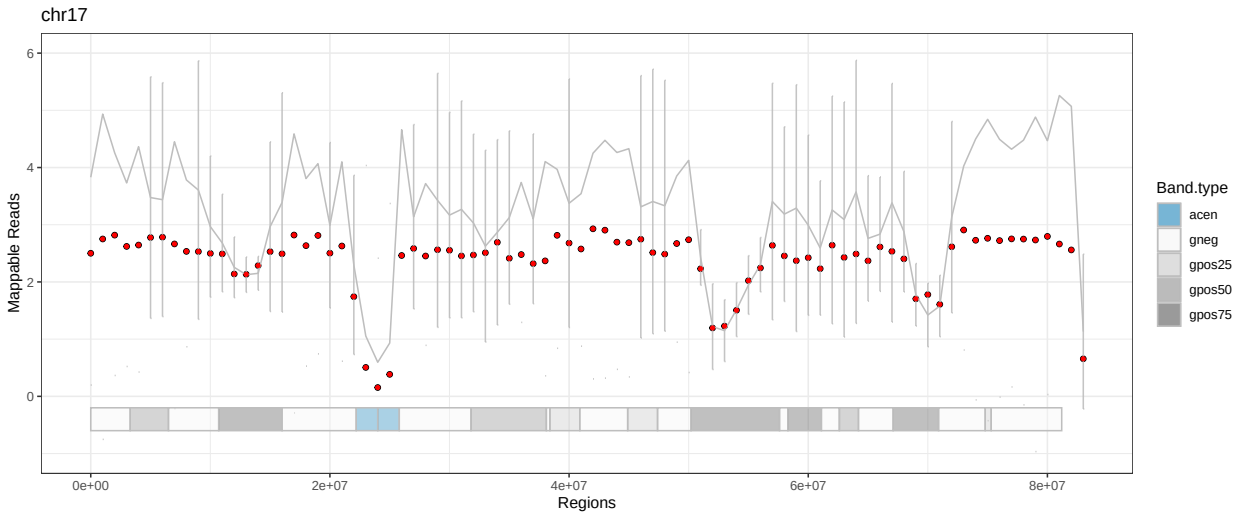
gpos100
gpos25
gpos50
gpos75
gvar


chr17
Mappable Reads
Regions
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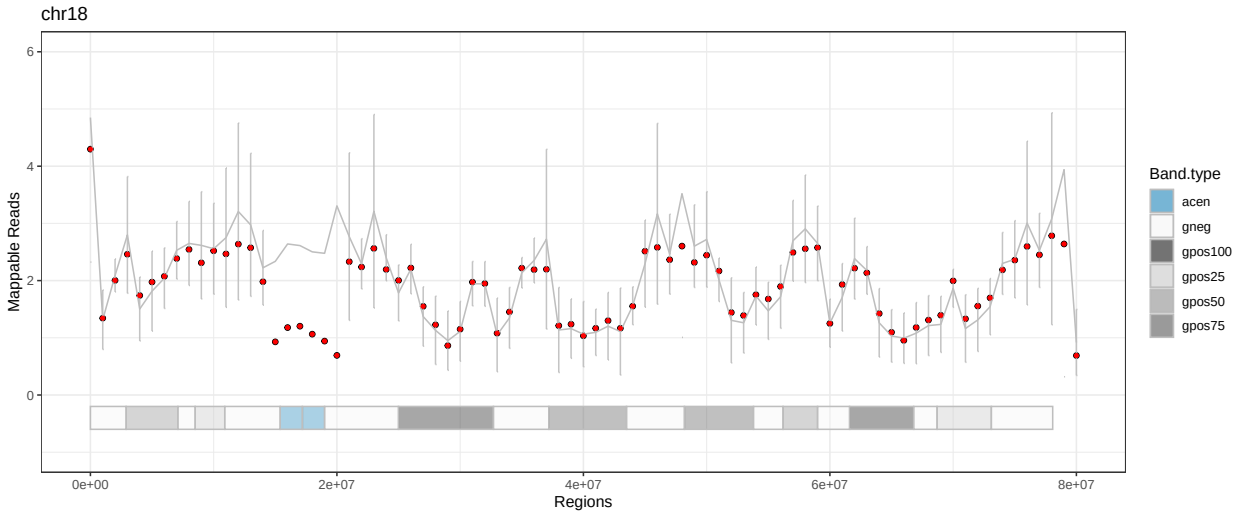
4e+07
6e+07
8e+07
Band.type
acen
gneg
gpos25
gpos50
gpos75


chr18
Mappable Reads
Regions
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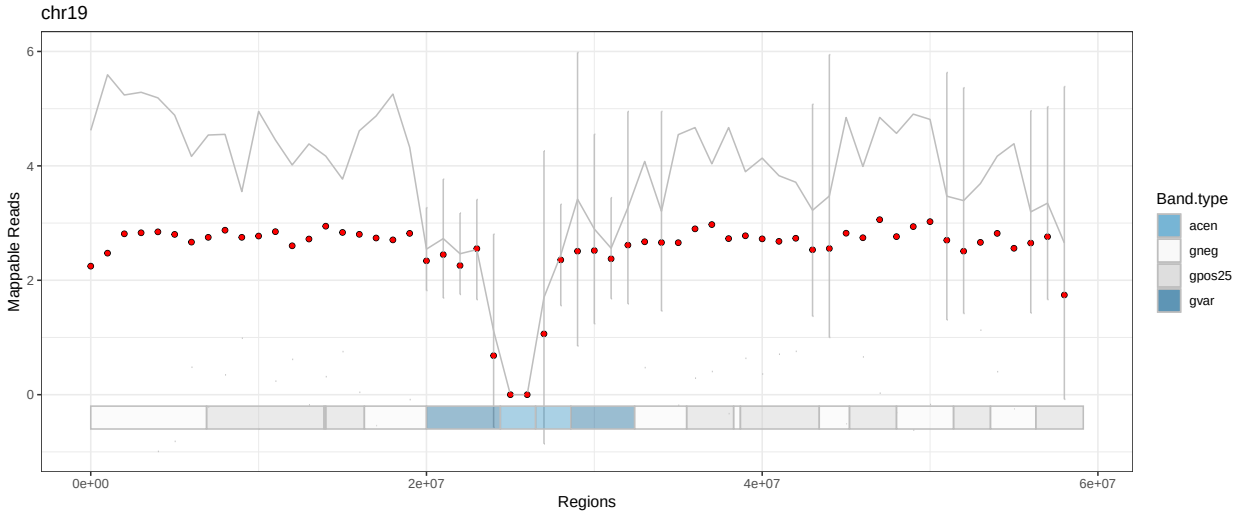
4e+07
6e+07
8e+07
Band.type
acen
gneg
gpos100
gpos25
gpos50
gpos75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Mappable Reads
Regions
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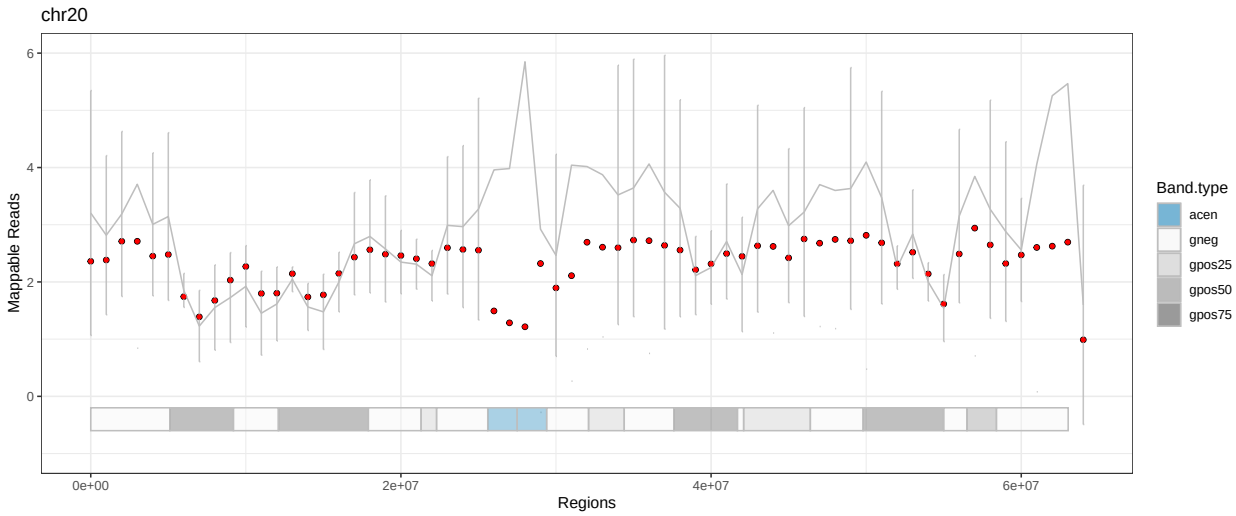
2e+07
4e+07
6e+07
Band.type
acen
gneg
gpos25
gvar


chr20
Mappable Reads
Regions
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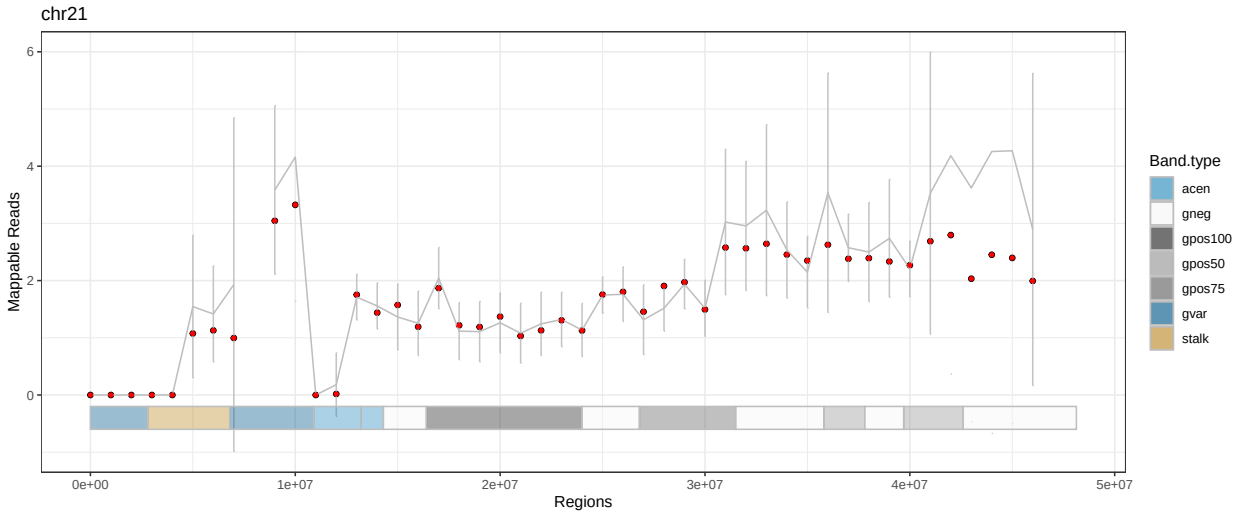
2e+07
4e+07
6e+07
Band.type
acen
gneg
gpos25
gpos50
gpos75


chr21
Mappable Reads
Regions
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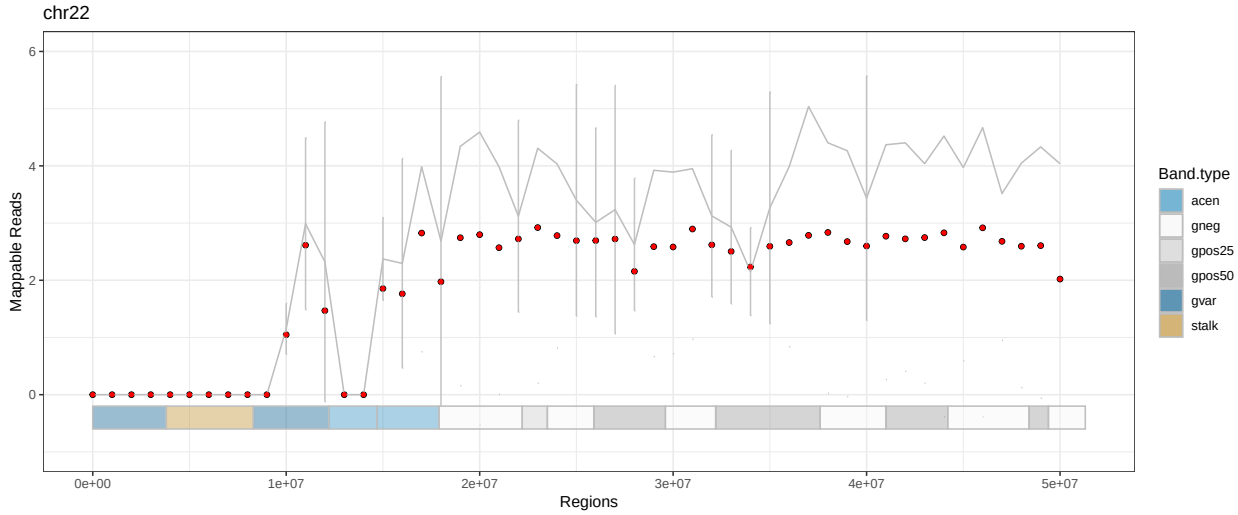
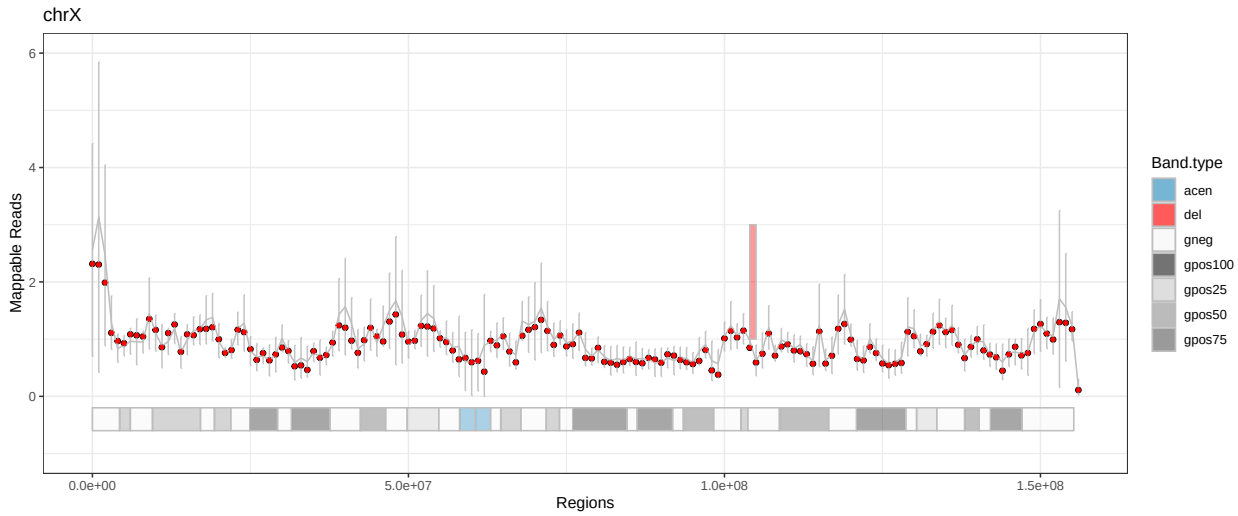
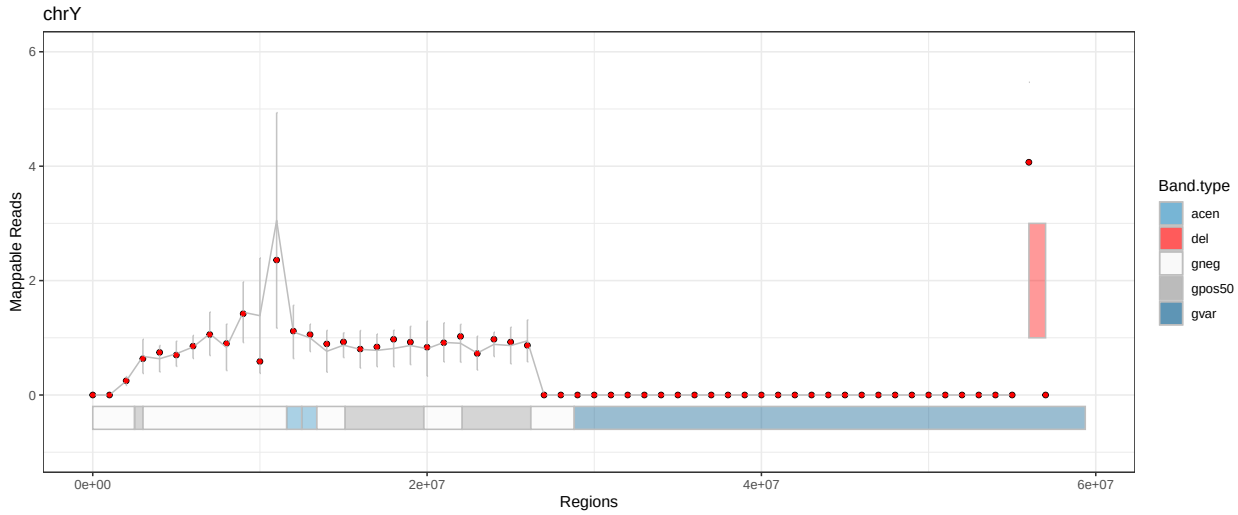
1e+07
2e+07
3e+07
4e+07
5e+07
Band.type
acen
gneg
gpos100
gpos50
gpos75
gvar
stalk







The legend contains two characteristics:

1. Giemsa stain results. Recognized stain values: gneg, gpos50, gpos75, gpos25, gpos100, acen,

gvar, stalk.

2. The abnormal regions (add or del).