# Report coriandR

*Koch V.*

*27 August, 2020*

```
## [1] "Patient 29537MLL"
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| | |
|---|---|
| unique_reads | 934005 |
| average_length | 149.8 |
| unique_mapped_reads | 1809892 |
| patient ID | 29537MLL |
| gender | F |

**Karyotype:**

NA

**Genes from AMl Guidline 2016 or cancer driver genes paper:**

| id | symbol | chr | start | end | aberration |
|---|---|---|---|---|---|
| 9038 | ENSG00000178568 | ERBB4 | chr2 | 211375717 | 212538841 | amp |
| 30060 | ENSG00000196092 | PAX5 | chr9 | 36833269 | 37034268 | del |
| 51550 | ENSG00000108946 | PRKAR1A | chr17 | 68511780 | 68551319 | del |
| 247031 | ENSG00000205542 | TMSB4X | chrX | 12975110 | 12977227 | amp |
| 248091 | ENSG00000173674 | EIF1AX | chrX | 20124525 | 20141838 | amp |
| 248131 | ENSG00000177189 | RPS6KA3 | chrX | 20149911 | 20267519 | amp |
| 249381 | ENSG00000198947 | DMD | chrX | 31097677 | 33339441 | amp |
| 251001 | ENSG00000147050 | KDM6A | chrX | 44873177 | 45112602 | amp |
| 256071 | ENSG00000184634 | MED12 | chrX | 71118556 | 71142454 | del |
| 256111 | ENSG00000147130 | ZMYM3 | chrX | 71239624 | 71255146 | del |
| 256161 | ENSG00000147133 | TAF1 | chrX | 71366239 | 71532374 | del |
| 263741 | ENSG00000101972 | STAG2 | chrX | 123960212 | 124422664 | amp |
| 268991 | ENSG00000196924 | FLNA | chrX | 154348524 | 154374638 | del |

# All genome:

Plot all chromosomes
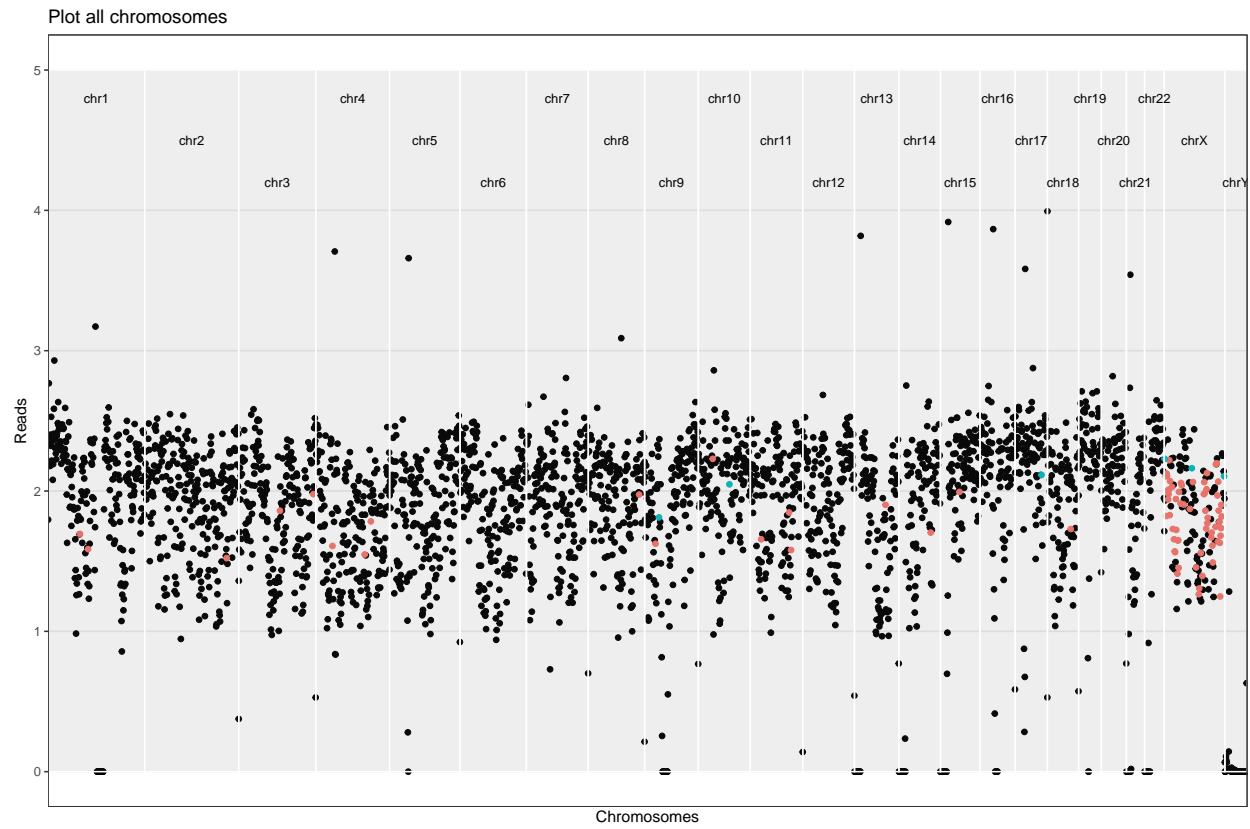
# All chromosomes:

**Plot patient vs PON with 3*SD**
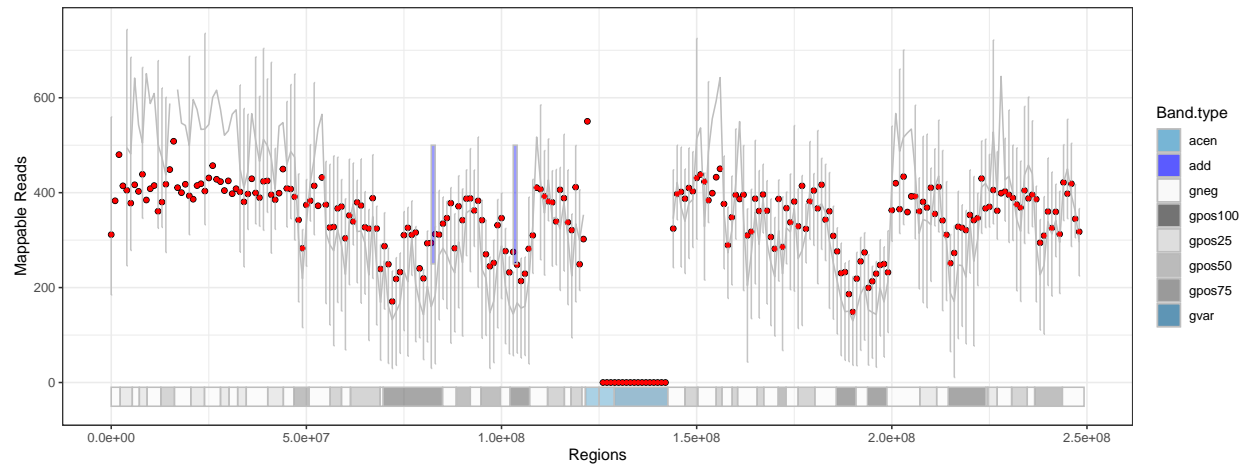
chr1



**Plot patient vs PON with 3*SD**
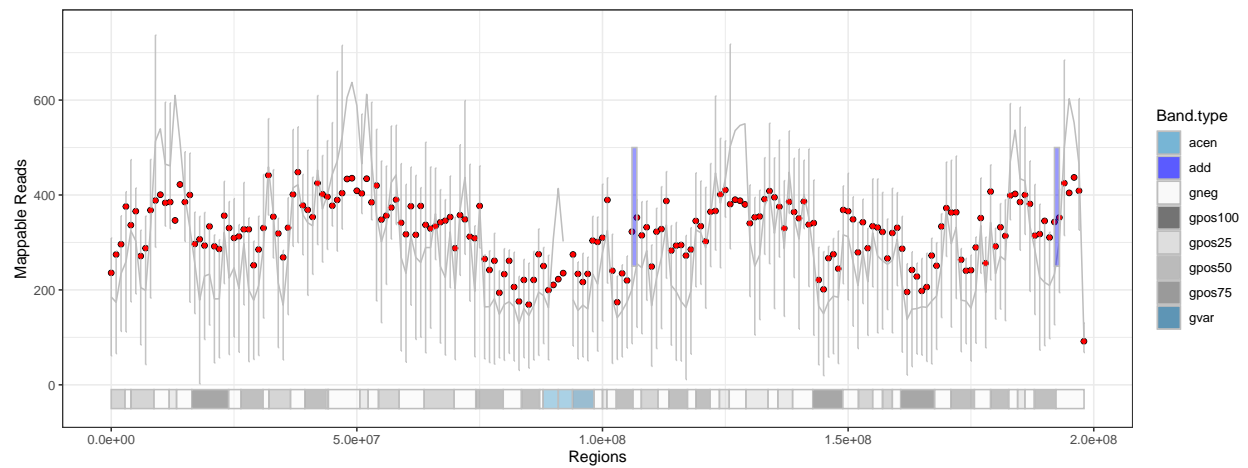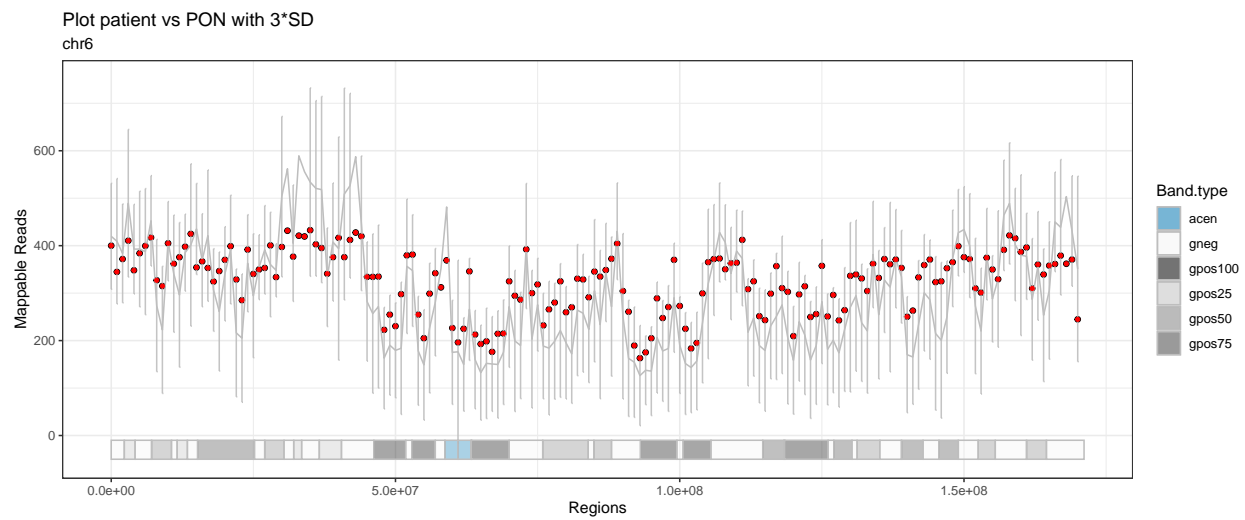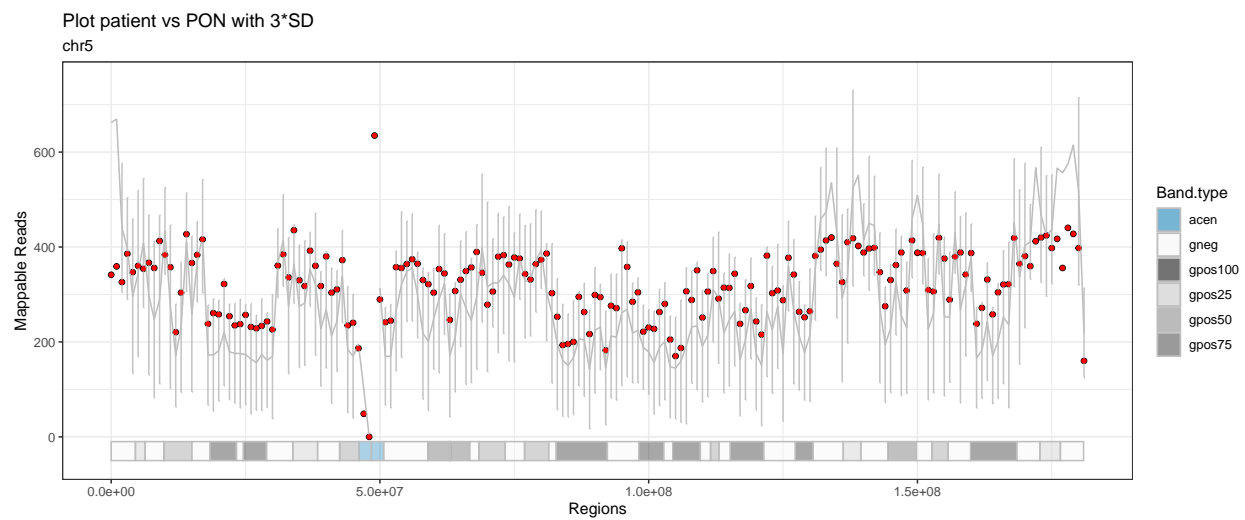
chr2
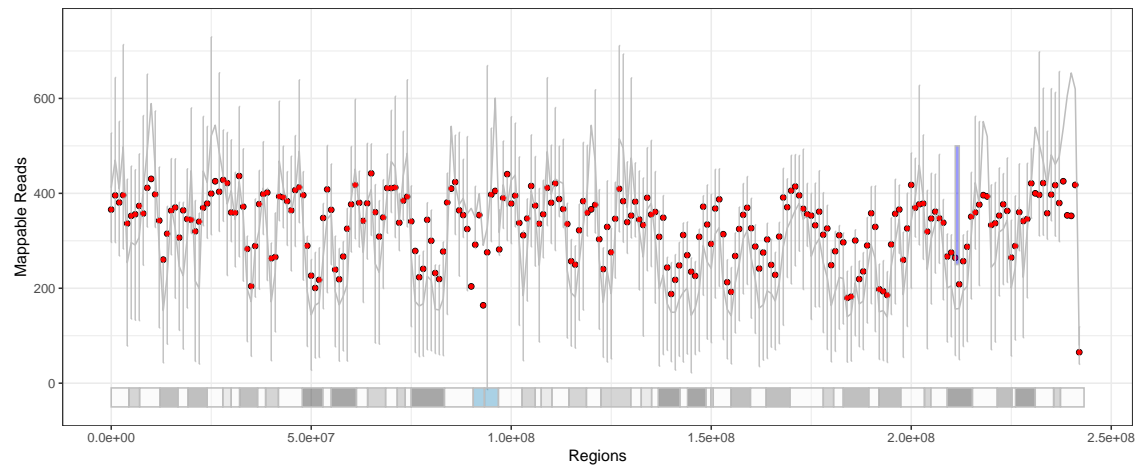

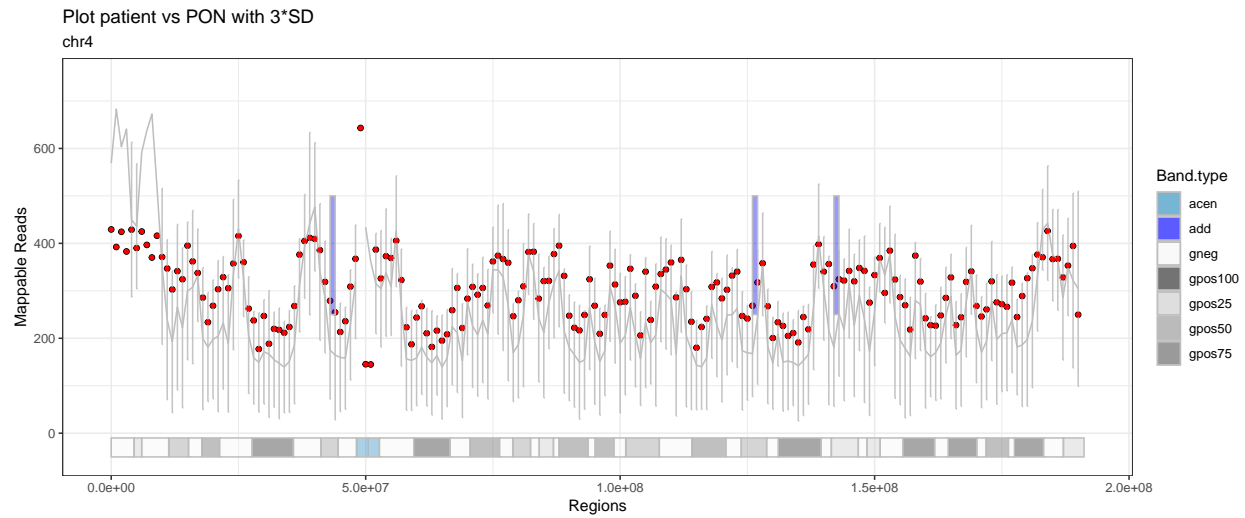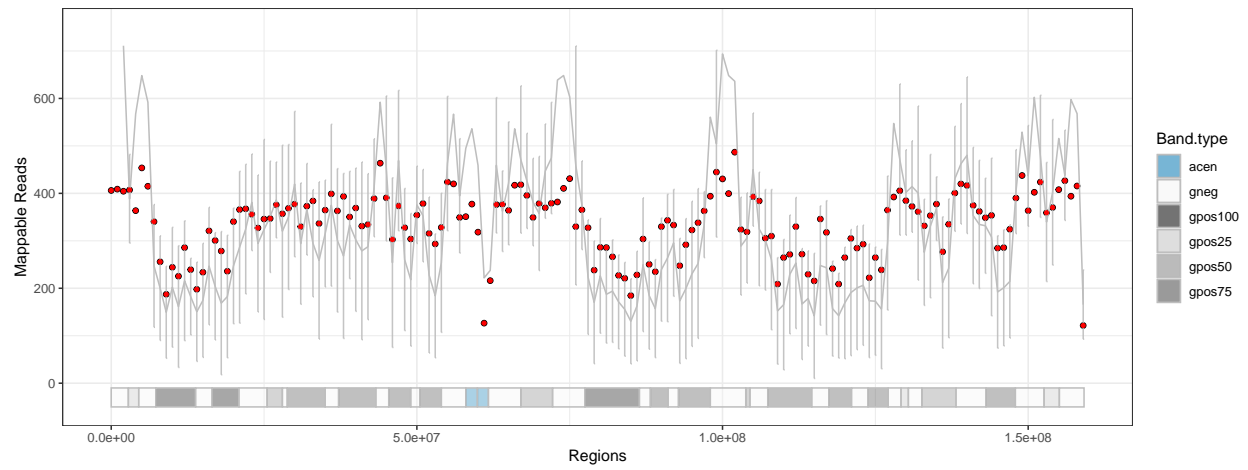
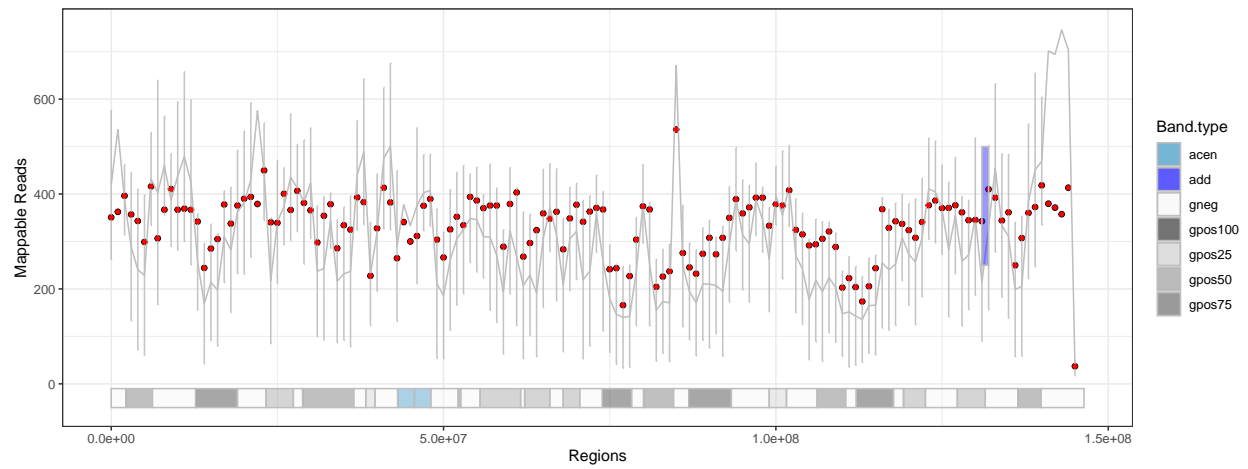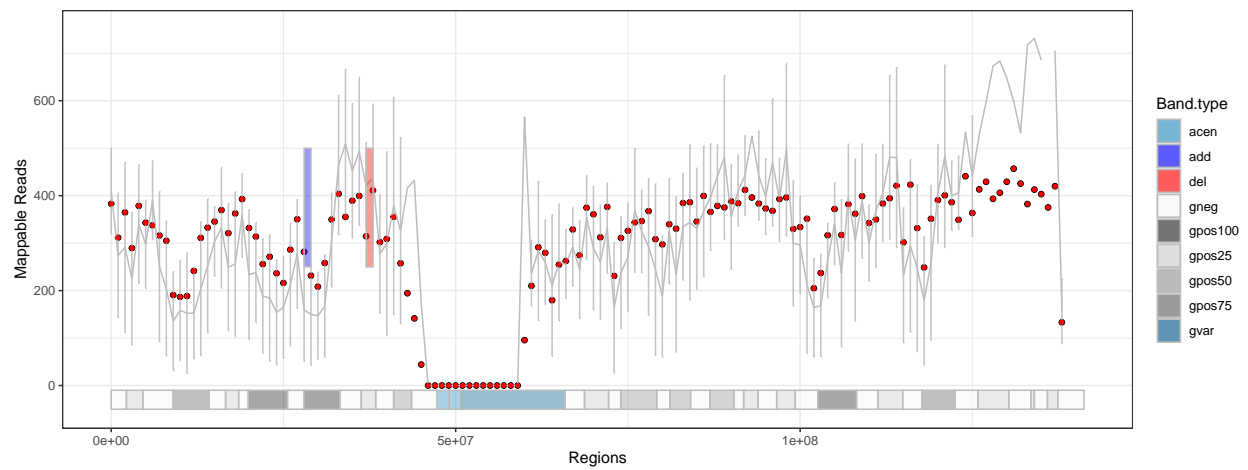**Plot patient vs PON with 3*SD**

chr3

Plot patient vs PON with 3*SD
chr4



Plot patient vs PON with 3*SD
chr5



Plot patient vs PON with 3*SD
chr6

## Plot patient vs PON with 3*SD

chr7



## Plot patient vs PON with 3*SD

chr8
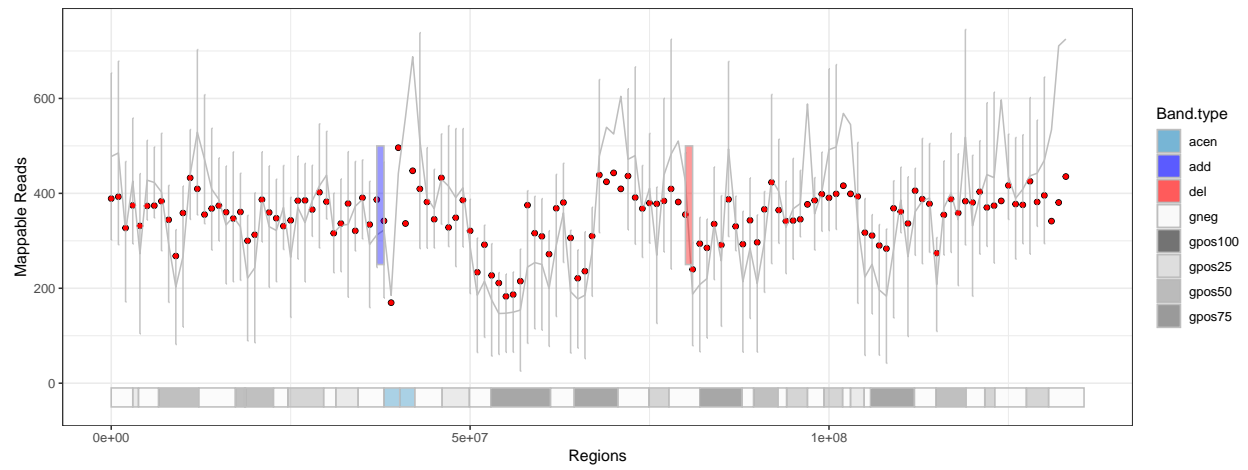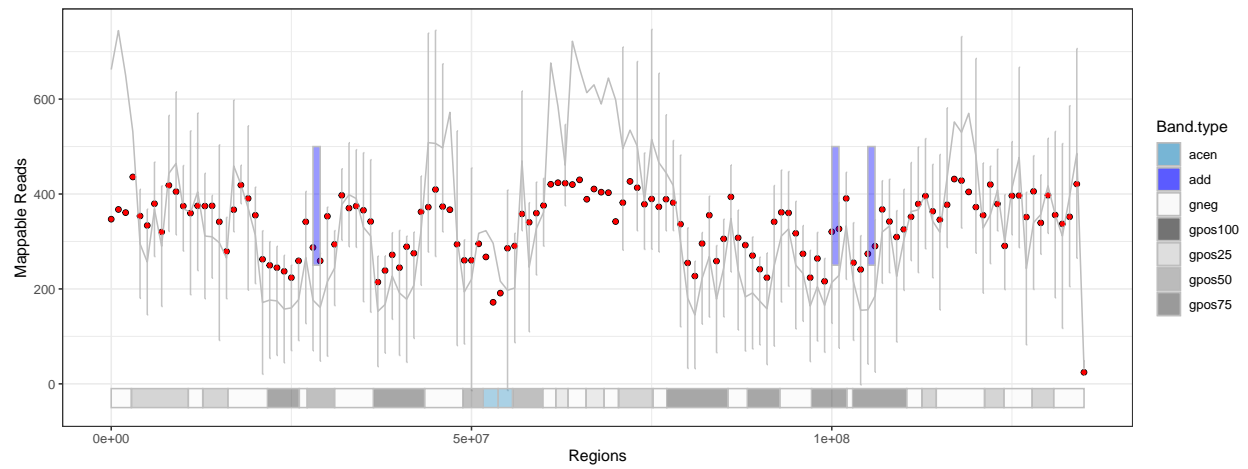


## Plot patient vs PON with 3*SD

chr9



5

Plot patient vs PON with 3*SD
chr10



Plot patient vs PON with 3*SD
chr11



Plot patient vs PON with 3*SD
chr12

## Plot patient vs PON with 3*SD
### chr13



## Plot patient vs PON with 3*SD
### chr14



## Plot patient vs PON with 3*SD
### chr15

## Plot patient vs PON with 3*SD

chr16



## Plot patient vs PON with 3*SD
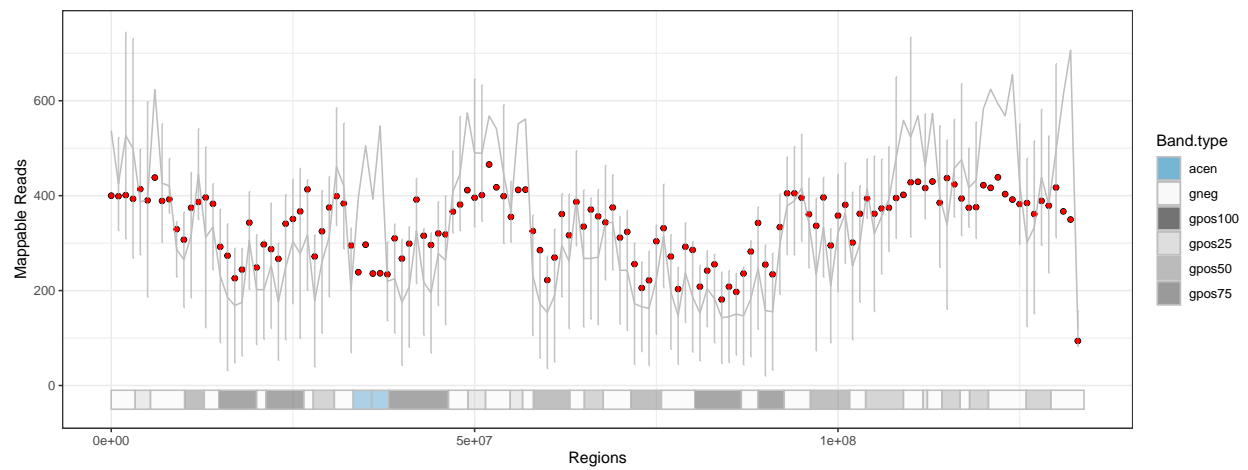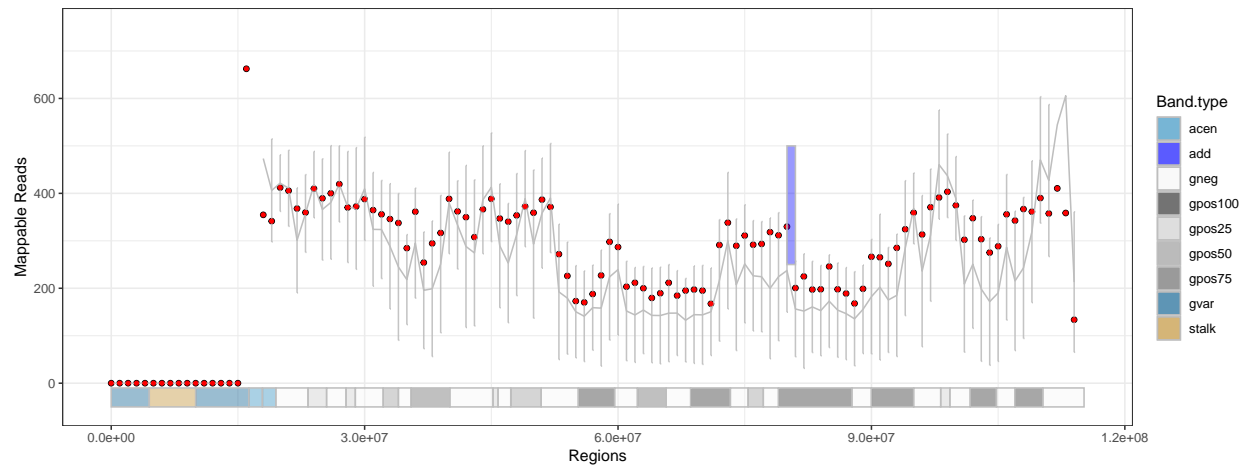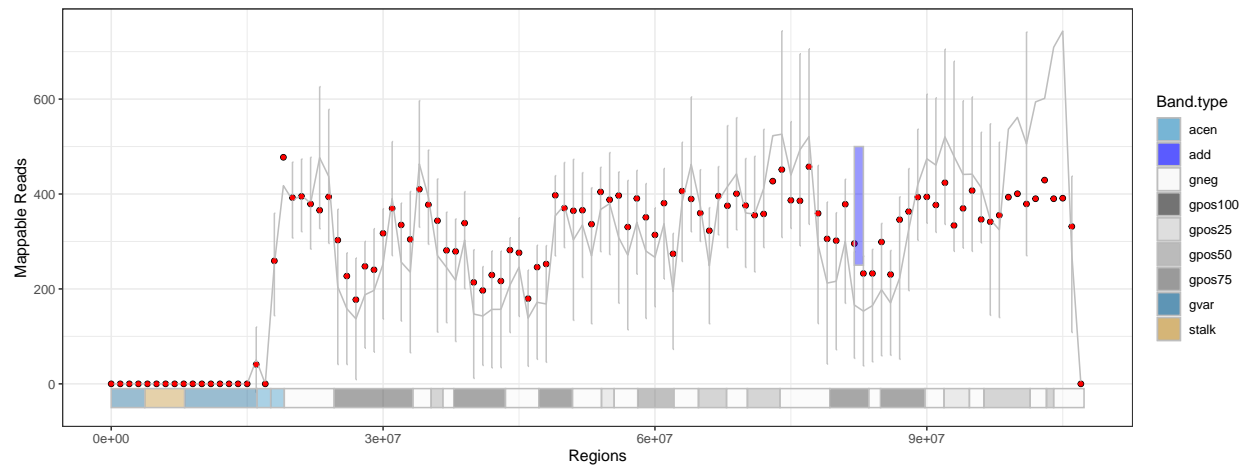
chr17



## Plot patient vs PON with 3*SD

chr18

Plot patient vs PON with 3*SD
chr19



Plot patient vs PON with 3*SD
chr20



Plot patient vs PON with 3*SD
chr21

Plot patient vs PON with 3*SD
chr22



Plot patient vs PON with 3*SD
chrX



Plot patient vs PON with 3*SD
chrY