

# Report coriandR

*Koch V.*

*27 August, 2020*

## [1] "Patient 17832MLL"

unique_reads	1130947
average_length	149.995
unique_mapped_reads	2202089
patient ID	17832MLL
gender	M

## Karyotype:

add(chr1)(p31.2p31.1)  
add(chr1)(p21.1p21.1)  
add(chr1)(q31.1q31.3)  
add(chr10)(q21.1q21.1)  
add(chr11)(p14.3p14.1)  
add(chr11)(q14.1q14.1)  
add(chr11)(q14.3q14.3)  
add(chr11)(q22.1q22.1)  
add(chr12)(p12.2p12.2)  
add(chr12)(q21.1q21.1)  
add(chr12)(q21.31q21.32)  
add(chr13)(q21.31q21.33)  
add(chr13)(q31.1q31.2)  
del(chr13)(q32.2q32.2)  
add(chr14)(q21.2q21.2)  
add(chr14)(q31.2q31.2)  
add(chr18)(q12.3q12.3)  
add(chr18)(q22.2q22.2)  
add(chr2)(p16.3p16.3)  
add(chr2)(p12p12)  
add(chr2)(q22.2q22.3)  
add(chr2)(q31.3q32.1)  
add(chr2)(q32.3q32.3)  
add(chr2)(q34q34)

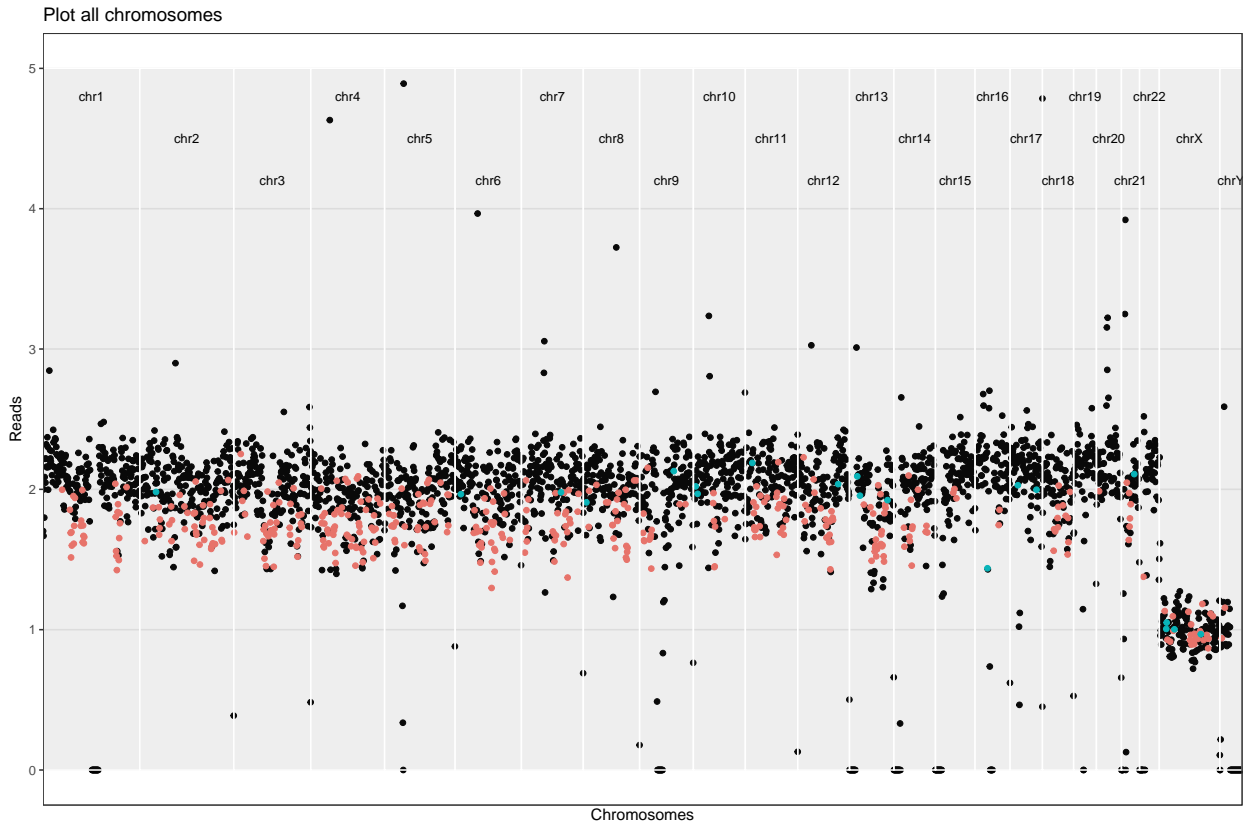
add(chr21)(q11.2q21.1)  
 add(chr3)(p12.2p11.2)  
 add(chr3)(q13.11q13.11)  
 add(chr3)(q26.1q26.1)  
 add(chr4)(p15.1p15.1)  
 add(chr4)(p12p12)  
 add(chr4)(q13.1q13.2)  
 add(chr4)(q22.2q22.3)  
 add(chr4)(q26q26)  
 add(chr4)(q28.3q28.3)  
 add(chr4)(q32.2q32.2)  
 add(chr5)(p14.3p14.2)  
 add(chr5)(q21.1q21.1)  
 add(chr5)(q22.1q22.1)  
 add(chr5)(q23.1q23.1)  
 add(chr6)(q12q12)  
 add(chr6)(q16.1q16.1)  
 add(chr6)(q16.3q16.3)  
 add(chr6)(q22.32q22.32)  
 add(chr7)(p21.3p21.2)  
 add(chr7)(q21.13q21.13)  
 add(chr7)(q31.2q31.31)  
 add(chr7)(q31.33q31.33)  
 add(chr8)(q21.12q21.12)  
 add(chr8)(q23.1q23.3)  
 add(chr9)(p23p23)  
 add(chr9)(p21.1p21.1)

# **Genes from AML Guidline 2016 or cancer driver genes paper:**

id	sym	bol chr	sta	rt end	abe	rration
4315	ENSG00000081237	PTPRC	chr1	198638457	198757476	amp
9038	ENSG00000178568	ERBB4	chr2	211375717	212538841	amp
11043	ENSG00000044524	EPHA3	chr3	89107621	89482134	amp
16825	ENSG00000145715	RASA1	chr5	87267888	87391931	amp
18076	ENSG00000145863	GABRA6	chr5	161547063	161702593	amp
23074	ENSG00000019991	HGF	chr7	81699010	81770438	amp
28554	ENSG00000176571	CNBD1	chr8	86866442	87615219	amp
29607	ENSG00000153707	PTPRD	chr9	8314246	10612723	amp

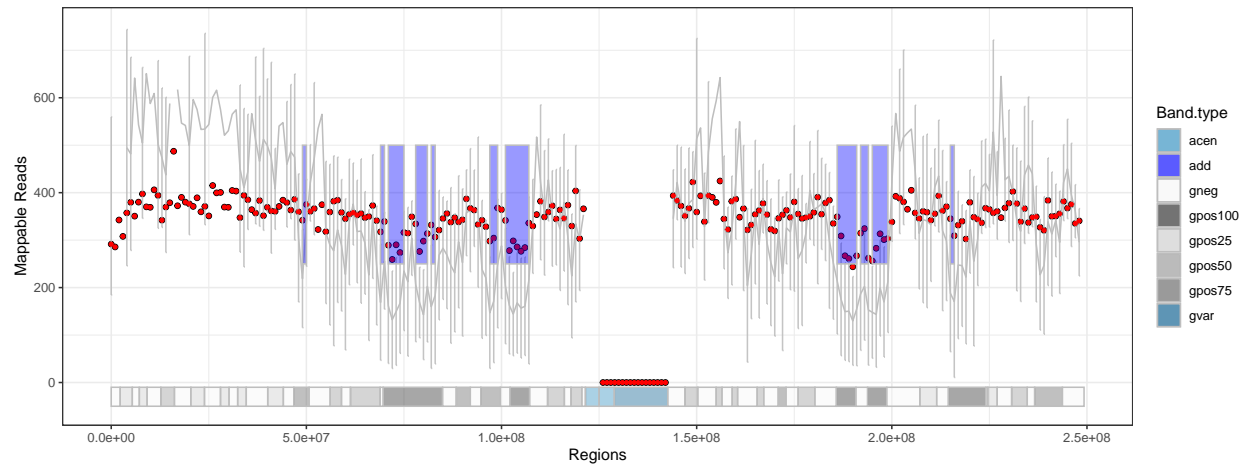
	id	sym	bol chr	sta	rt end	abe	r ration
	29781	ENSG00000147889	CDKN2A	chr9	21967753	21995301	amp
	40605	ENSG00000121741	ZMYM2	chr13	19958670	20091829	del
	40632	ENSG00000150457	LATS2	chr13	20973036	21061586	del
	41388	ENSG00000276644	DACH1	chr13	71437966	71867204	amp
	51550	ENSG00000108946	PRKAR1A	chr17	68511780	68551319	del

All genome:

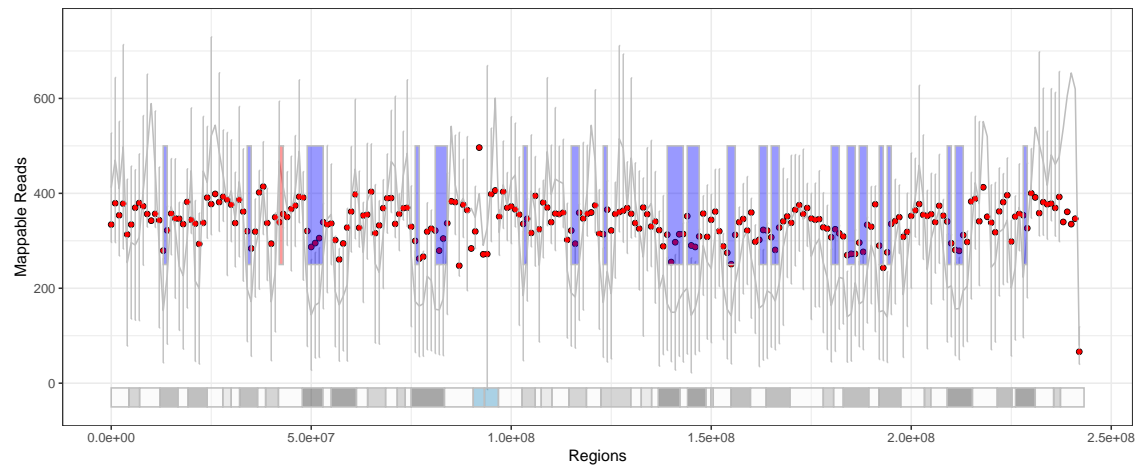


## All chromosomes:

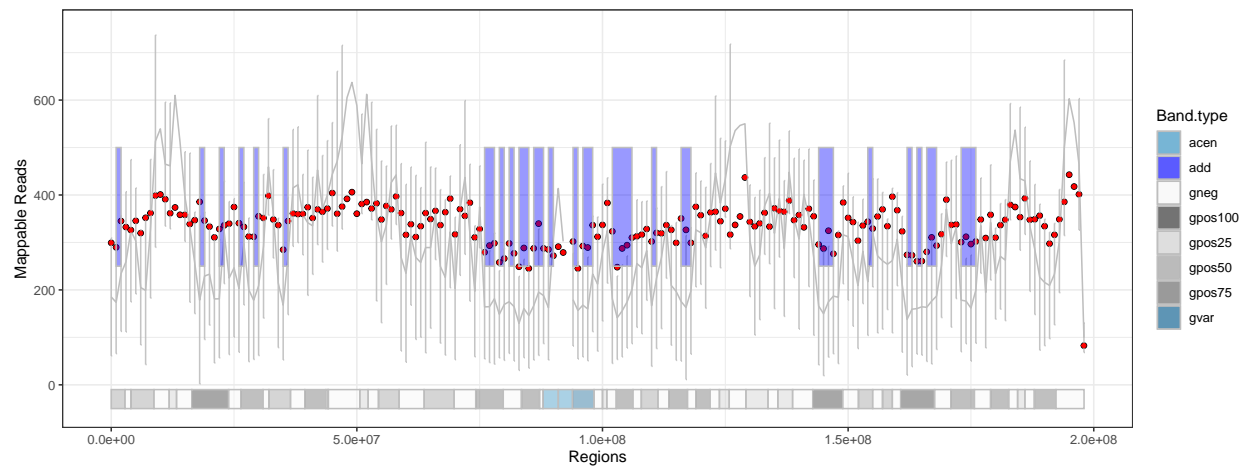
Plot patient vs PON with 3\*SD  
chr1

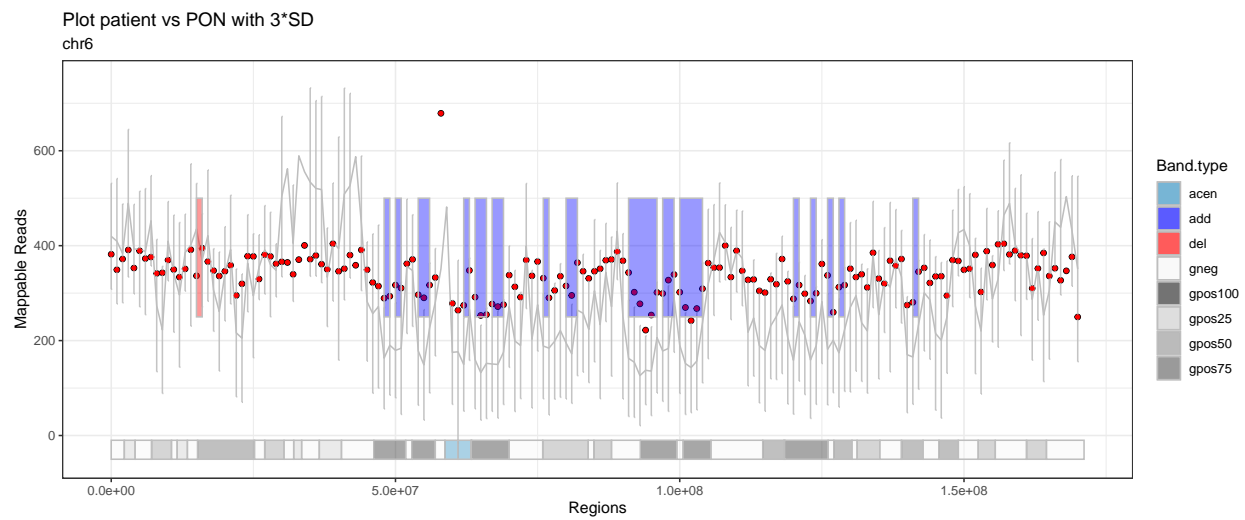
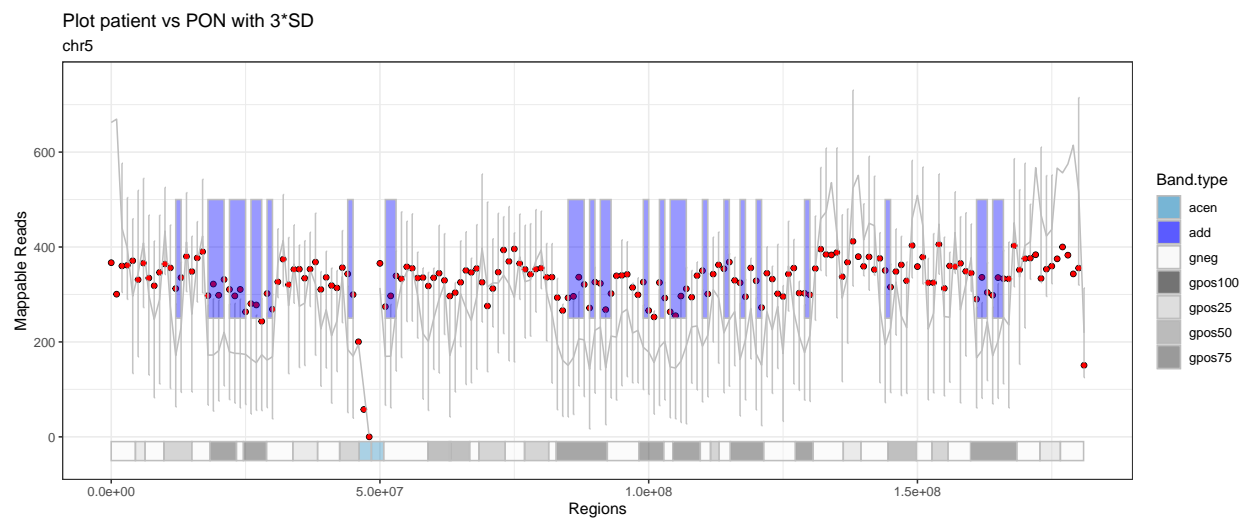
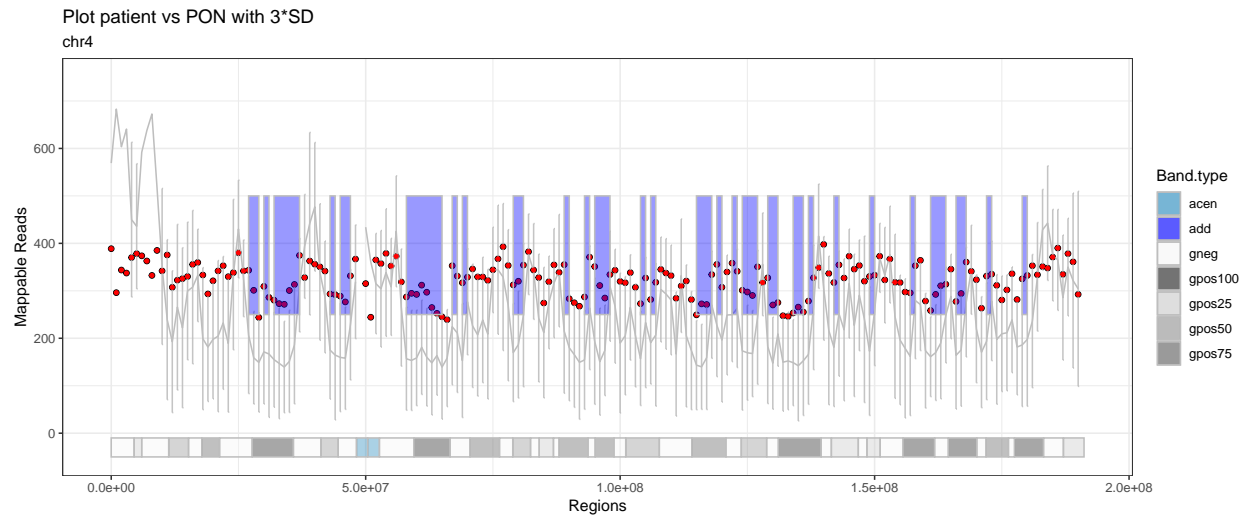


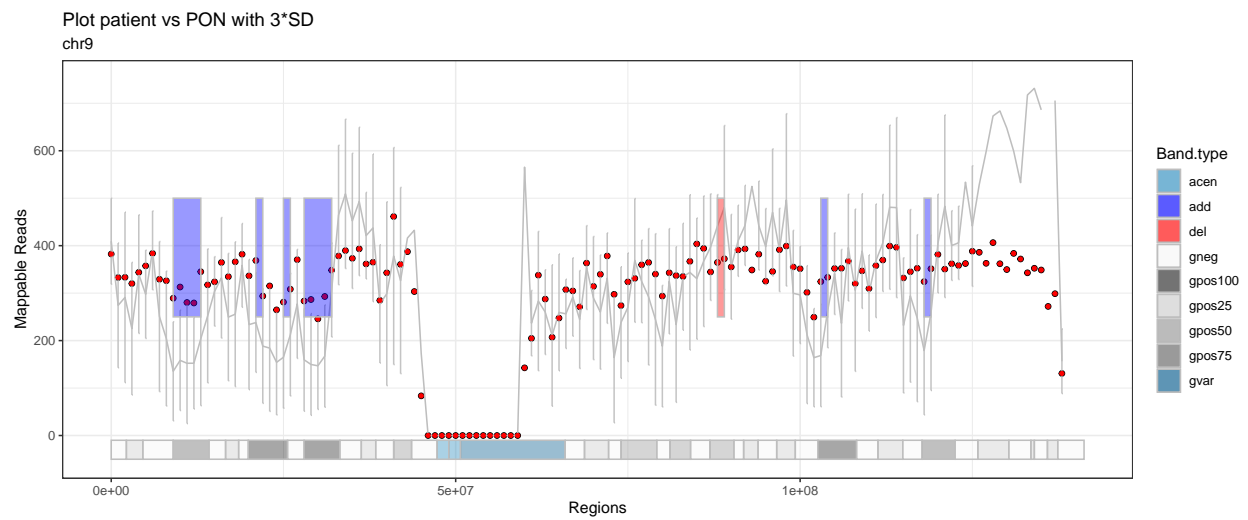
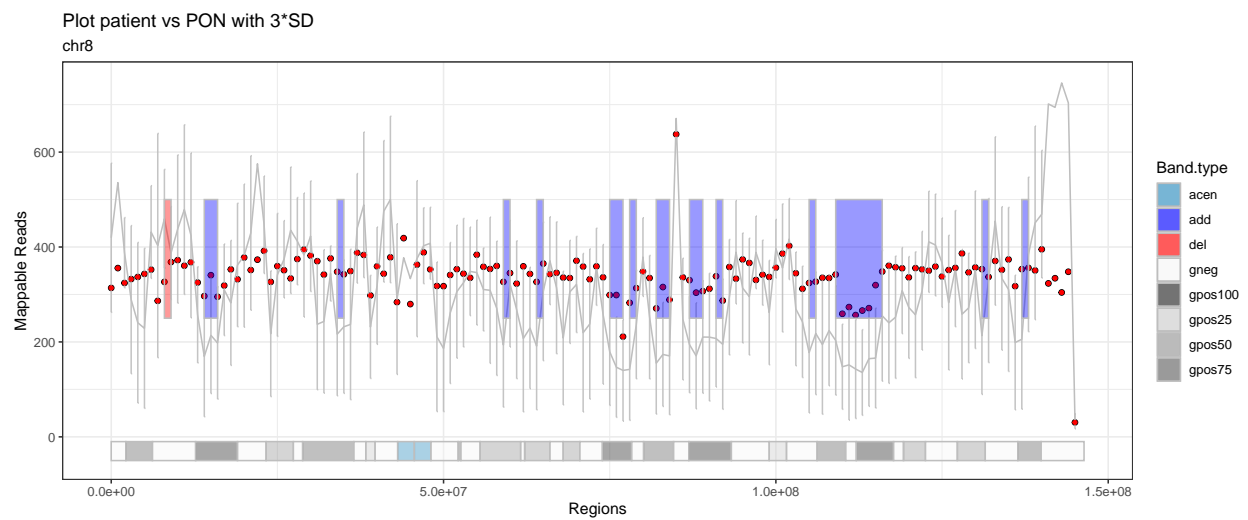
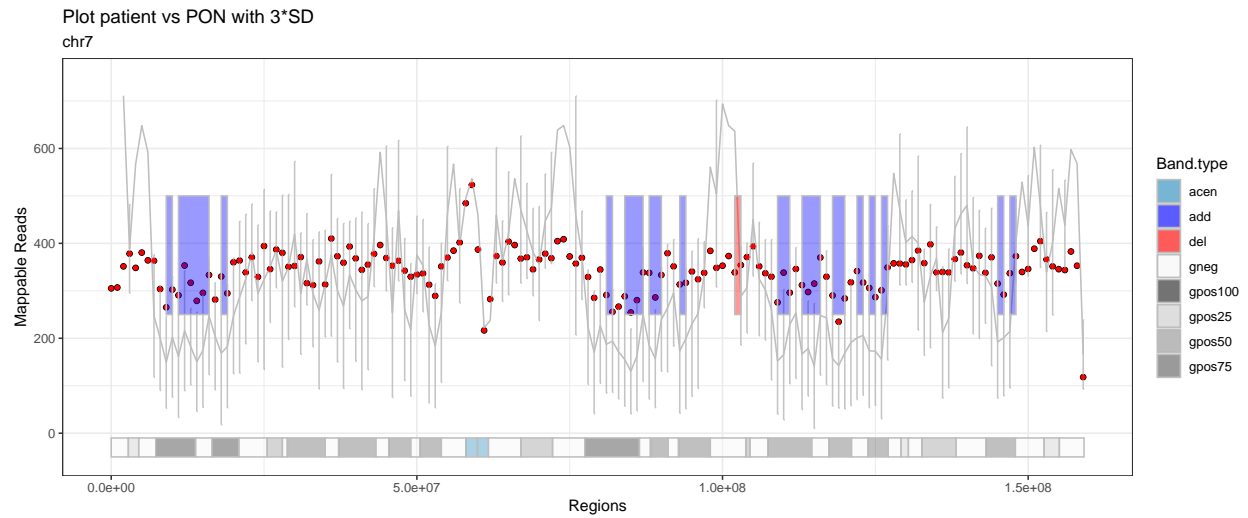
Plot patient vs PON with 3\*SD  
chr2

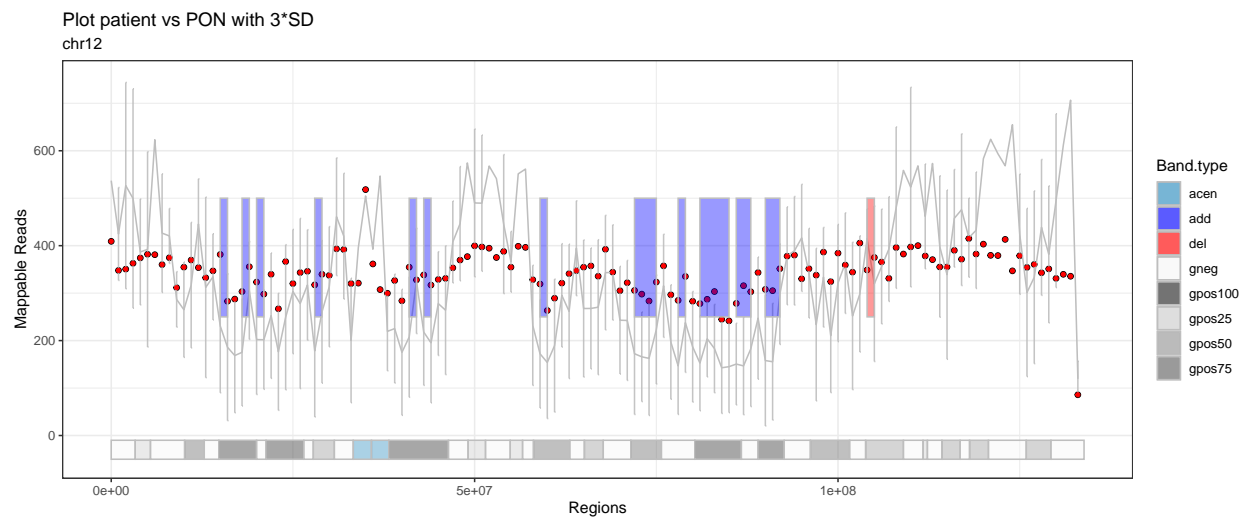
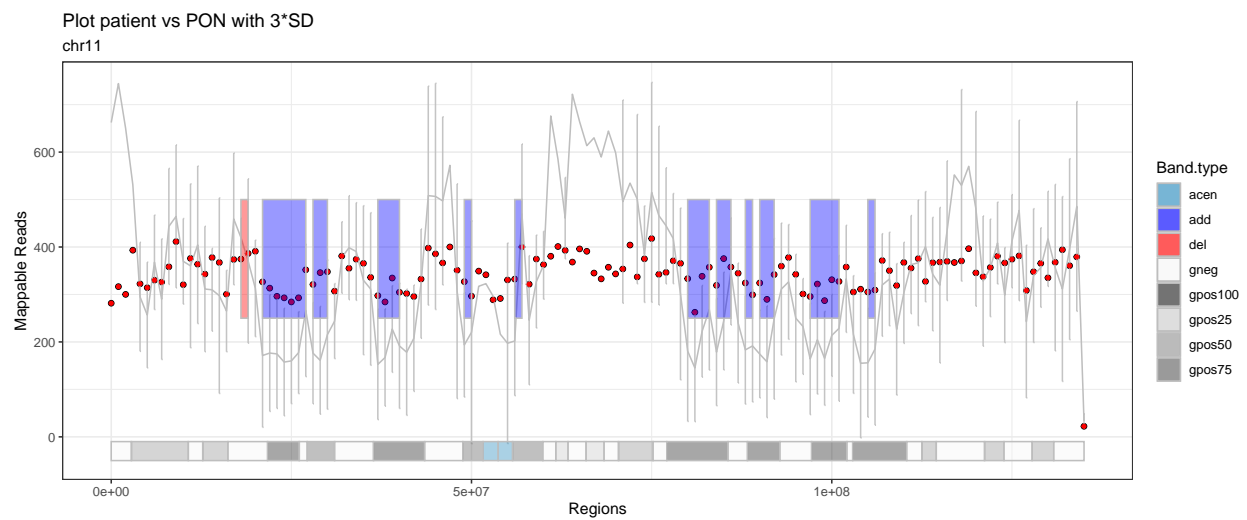
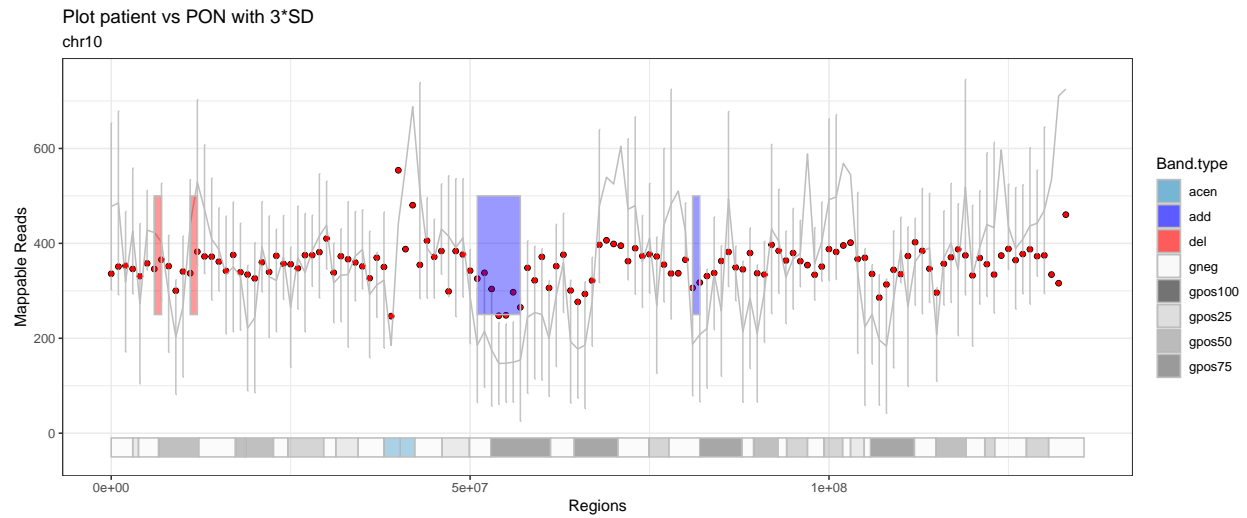


Plot patient vs PON with 3\*SD  
chr3

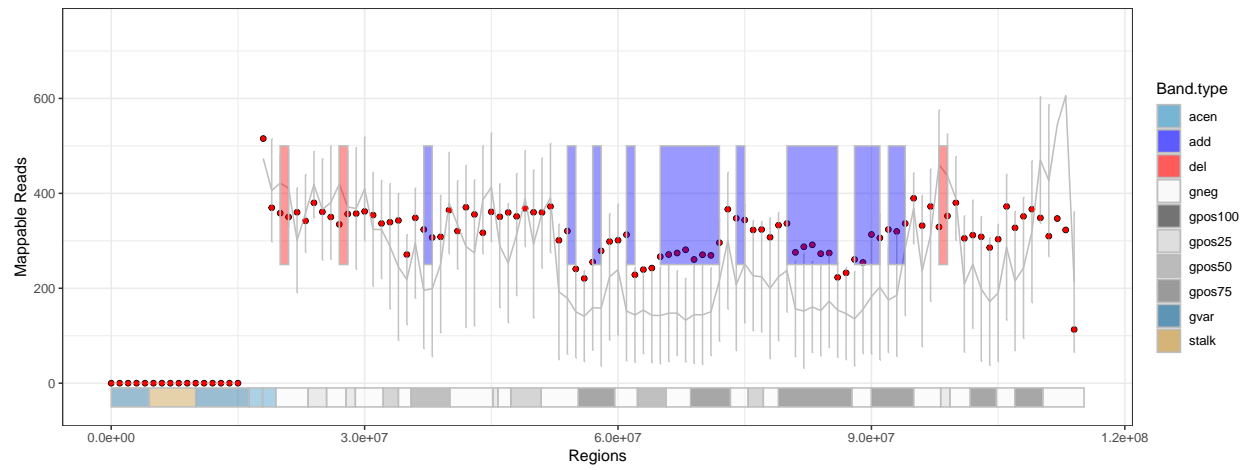




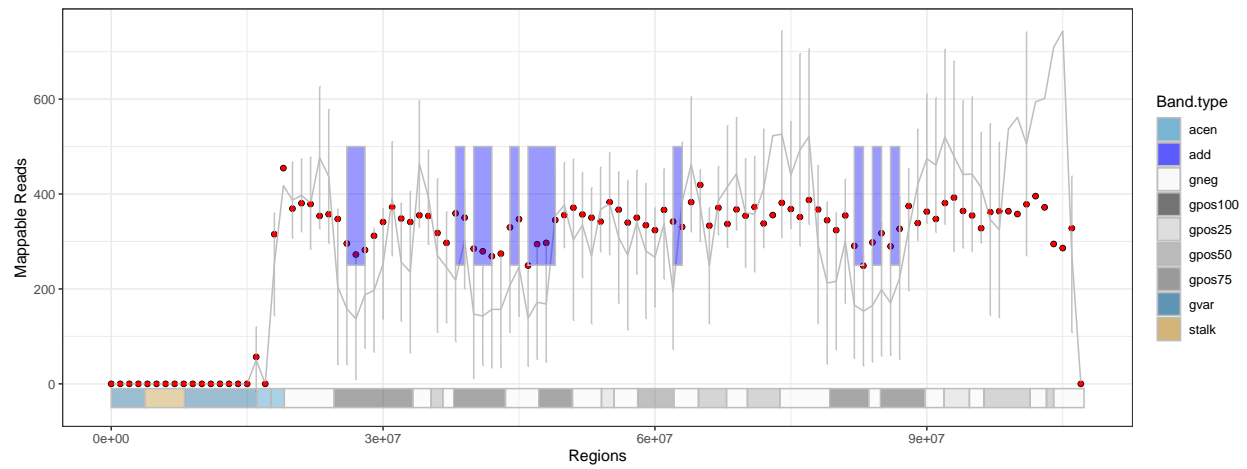




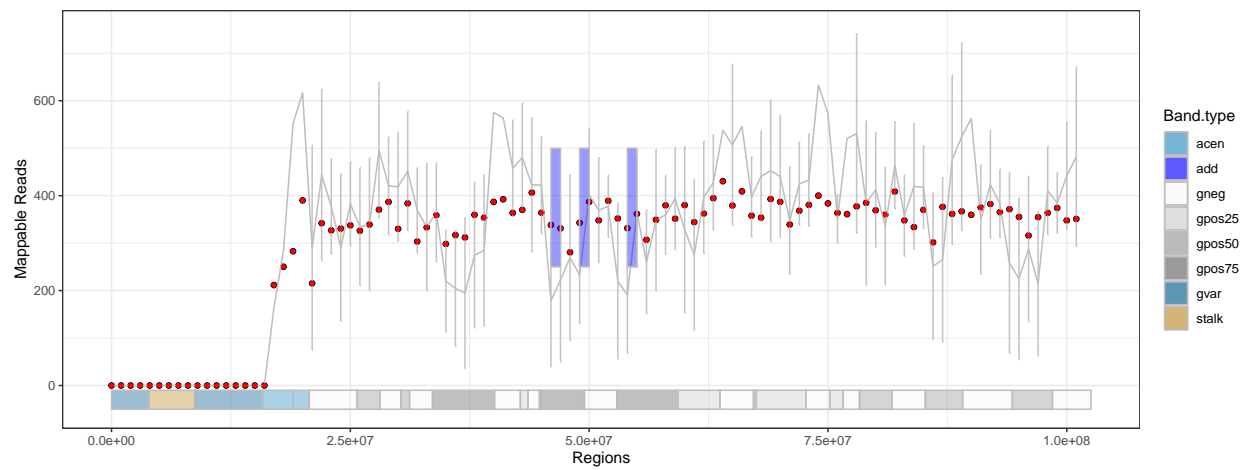
Plot patient vs PON with 3\*SD  
chr13



Plot patient vs PON with 3\*SD  
chr14

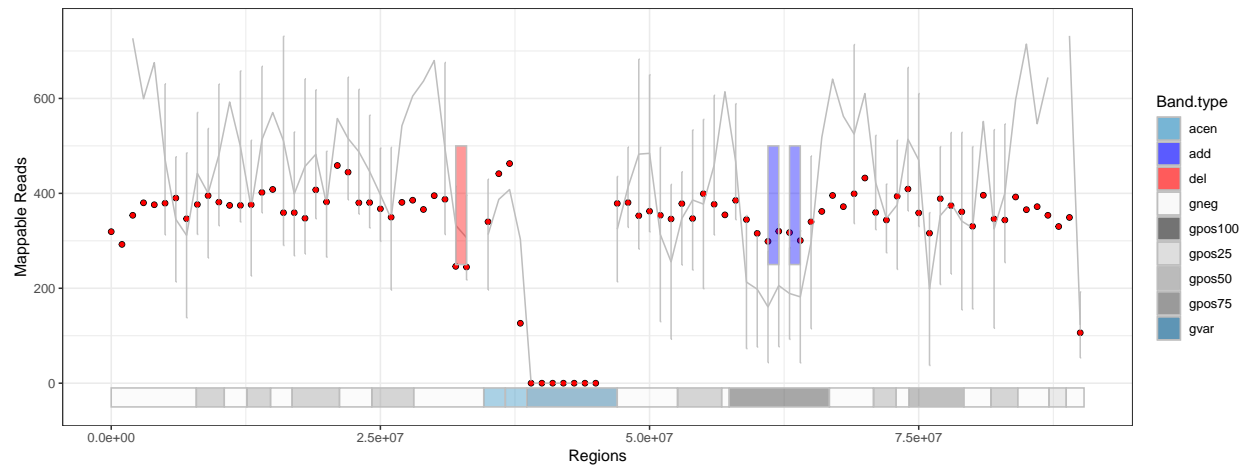


Plot patient vs PON with 3\*SD  
chr15

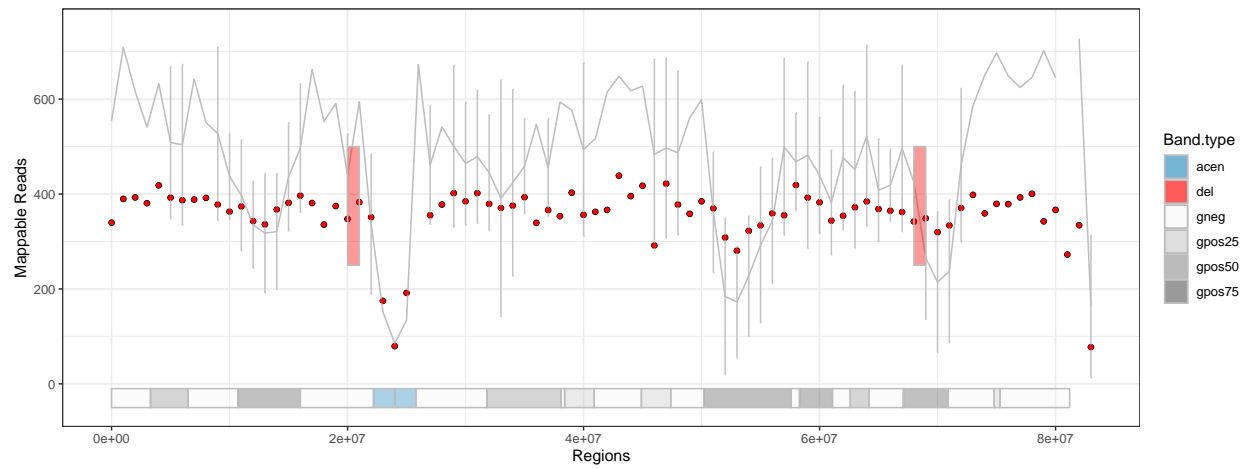




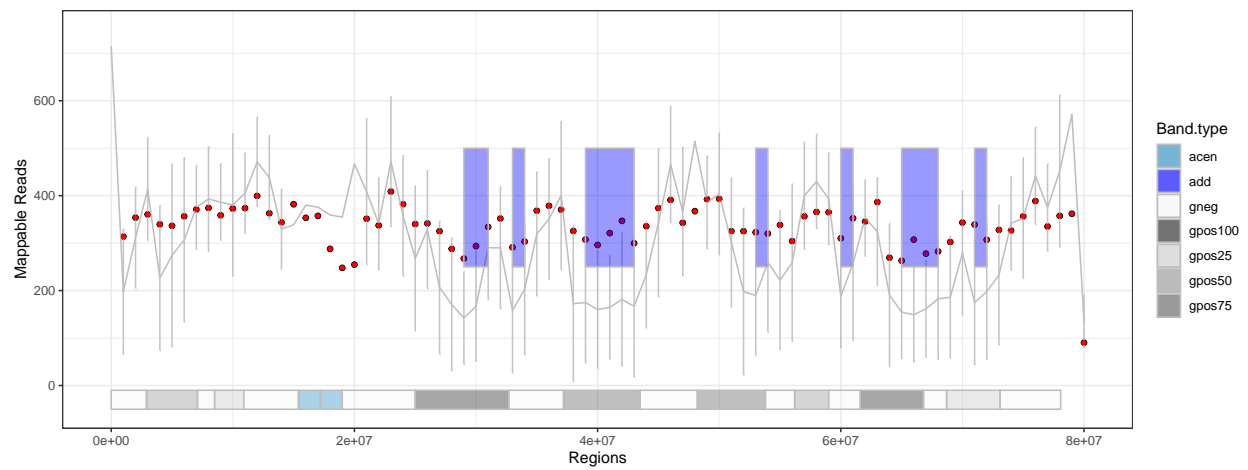
Plot patient vs PON with 3\*SD  
chr16



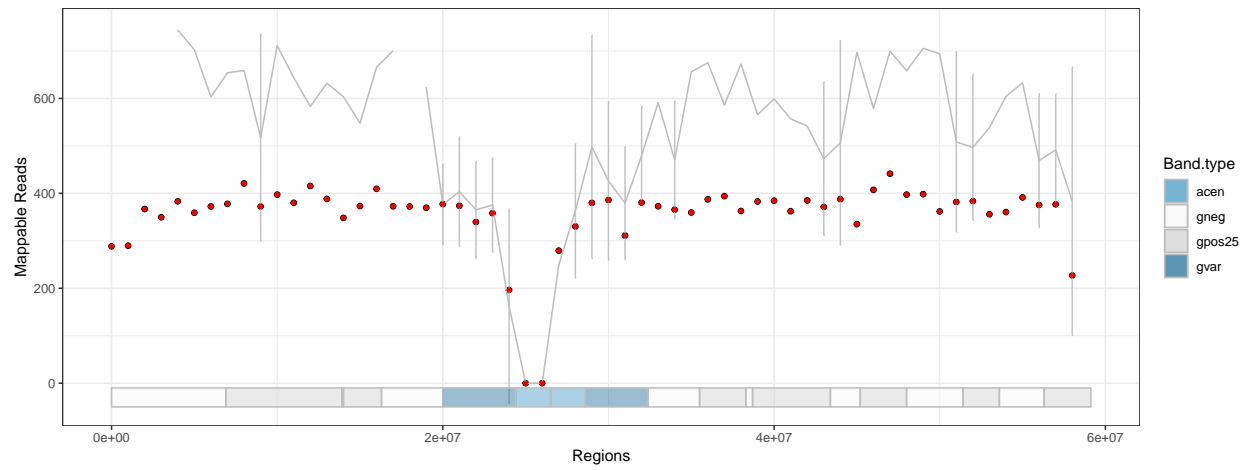
Plot patient vs PON with 3\*SD  
chr17



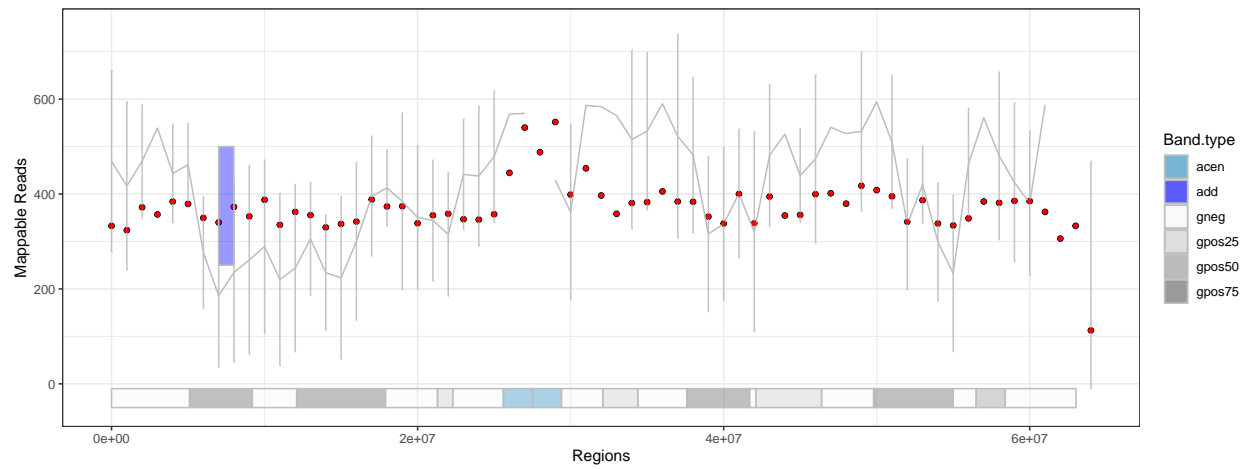
Plot patient vs PON with 3\*SD  
chr18



Plot patient vs PON with 3\*SD  
chr19



Plot patient vs PON with 3\*SD  
chr20



Plot patient vs PON with 3\*SD  
chr21

