

# Report coriandR

*Koch V.*

*26 August, 2020*

## [1] "Patient 119706"

unique_reads	4965944.000
average_length	145.406
unique_mapped_reads	9737542.000

## Karyotype:

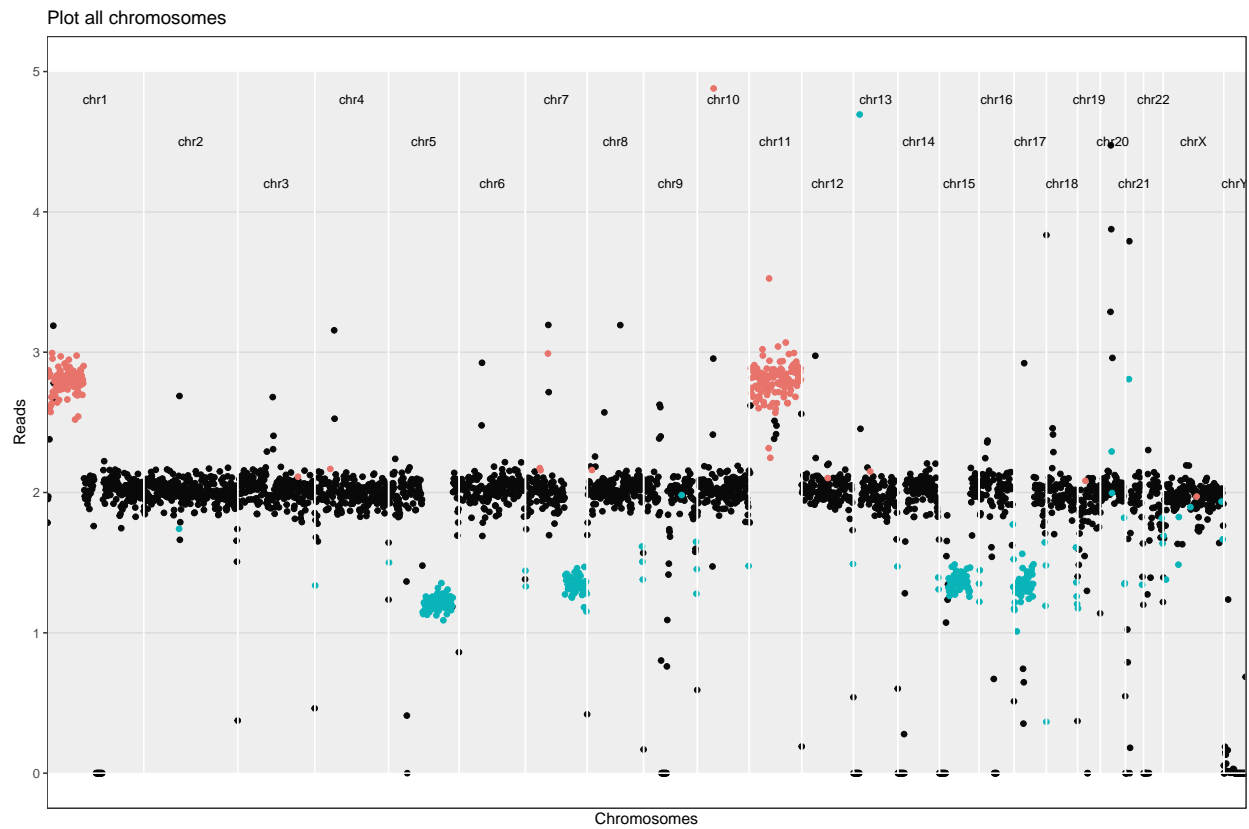
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add(chr10)(q11.21q11.21)  
add(chr11)(p15.4q13.2)  
add(chr11)(q13.4q25)  
del(chr15)(q12q25.1)  
del(chr16)(p13.3p13.3)  
del(chr16)(p11.2p11.2)  
del(chr16)(q24.2q24.3)  
del(chr17)(p13.3p11.1)  
del(chr17)(q11.2q21.33)  
del(chr18)(q23q23)  
del(chr20)(q11.21q11.21)  
del(chr21)(q22.3q22.3)  
del(chr22)(q13.31q13.31)  
del(chr4)(p16.3p16.3)  
del(chr5)(p15.33p15.33)  
del(chr5)(q14.3q34)  
del(chr5)(q35.3q35.3)  
add(chr6)(q21q21)  
del(chr7)(p22.3p22.3)  
add(chr7)(q11.1q11.1)  
del(chr7)(q22.1q36.3)  
del(chr8)(q24.3q24.3)  
del(chr9)(q34.2q34.3)

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

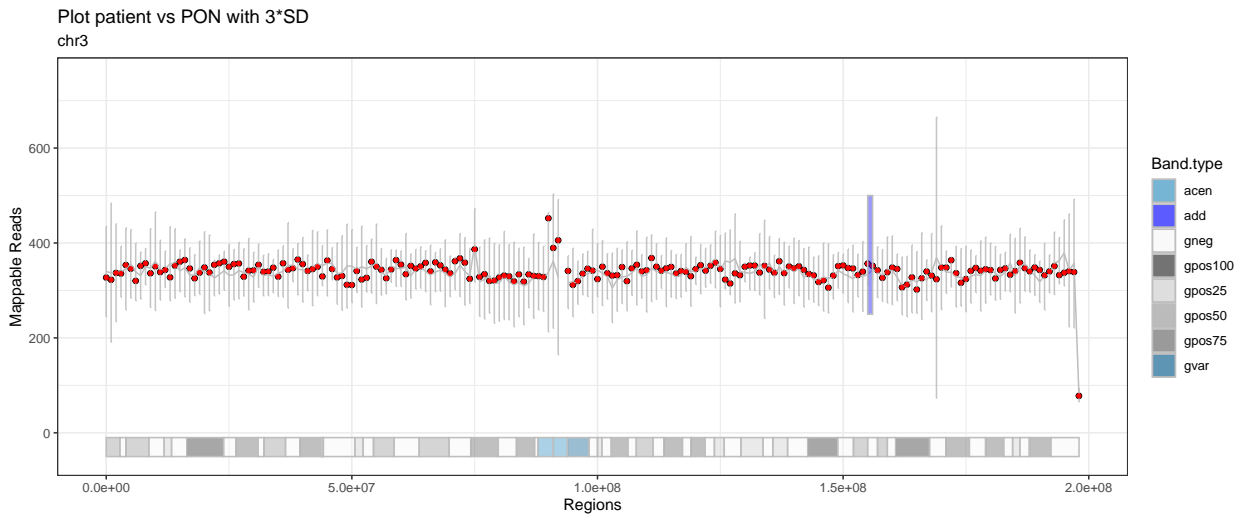
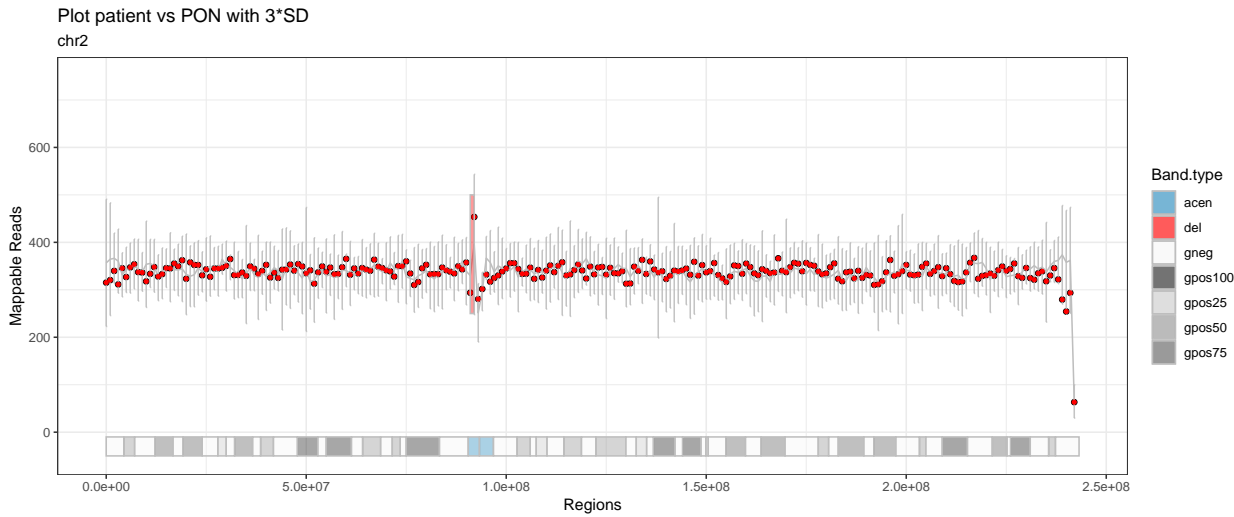
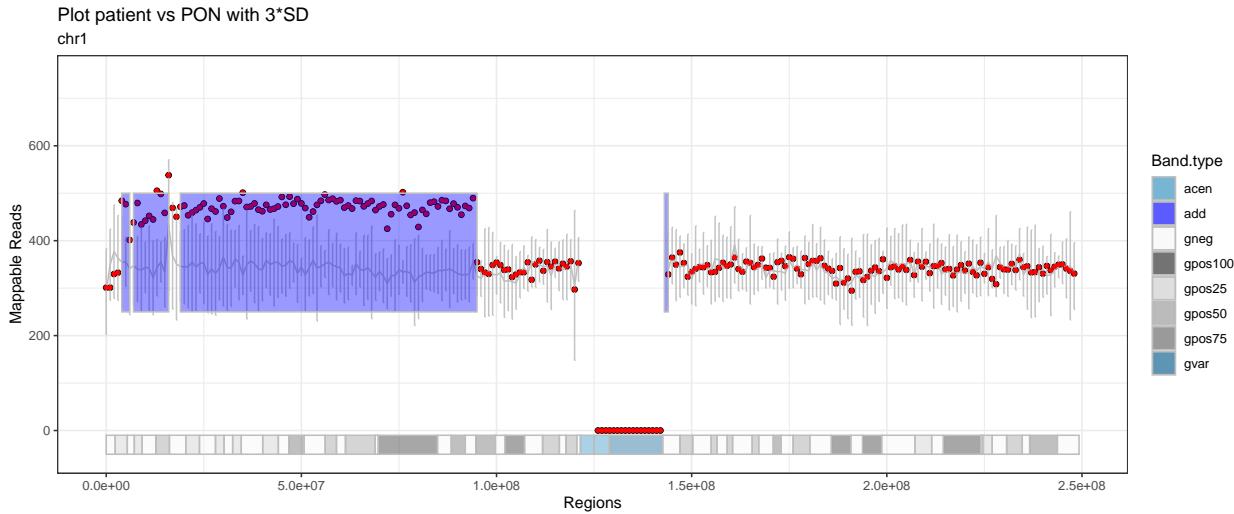
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882	ENSG00000117713	ARID1A	chr1	26693236	26782104	amp
1176	ENSG00000054118	THRAP3	chr1	36224432	36305357	amp
1201	ENSG00000163874	ZC3H12A	chr1	37474580	37484377	amp
1258	ENSG00000127603	MACF1	chr1	39081316	39487177	amp
1397	ENSG00000117400	MPL	chr1	43337849	43352772	amp
1604	ENSG00000123080	CDKN2C	chr1	50960745	50974634	amp
1891	ENSG00000162434	JAK1	chr1	64833229	64966549	amp
2077	ENSG00000162613	FUBP1	chr1	77944055	77979110	amp
2298	ENSG00000122406	RPL5	chr1	92832013	92841924	amp
12922	ENSG00000068078	FGFR3	chr4	1793293	1808872	del
15551	ENSG00000164362	TERT	chr5	1253147	1295047	del
17123	ENSG00000134982	APC	chr5	112707498	112846239	del
17886	ENSG00000182578	CSF1R	chr5	150053291	150113372	del
17889	ENSG00000113721	PDGFRB	chr5	150113839	150155872	del
18076	ENSG00000145863	GABRA6	chr5	161547063	161702593	del
21587	ENSG00000164853	UNCX	chr7	1232872	1237326	del
23552	ENSG00000105851	PIK3CG	chr7	106865278	106908980	del
23659	ENSG00000105976	MET	chr7	116672196	116798386	del
23865	ENSG00000128602	SMO	chr7	129188633	129213545	del
24082	ENSG00000157764	BRAF	chr7	140719327	140924928	del
24217	ENSG00000197993	KEL	chr7	142941114	142962363	del
24328	ENSG00000055130	CUL1	chr7	148697914	148801110	del
24329	ENSG00000106462	EZH2	chr7	148807383	148884321	del
24436	ENSG00000106615	RHEB	chr7	151466012	151520120	del
24449	ENSG00000055609	KMT2C	chr7	152134922	152436005	del
31674	ENSG00000148400	NOTCH1	chr9	136494433	136546048	del
32366	ENSG00000133818	RRAS2	chr11	14277922	14364506	amp
32621	ENSG00000184937	WT1	chr11	32387775	32435885	amp
33142	ENSG00000198561	CTNND1	chr11	57753243	57819546	amp
33855	ENSG00000165458	INPPL1	chr11	72223701	72239147	amp
34405	ENSG00000082175	PGR	chr11	101029624	101130524	amp
34521	ENSG00000149311	ATM	chr11	108222484	108369102	amp
34754	ENSG00000118058	KMT2A	chr11	118436464	118526832	amp
40502	ENSG00000177084	POLE	chr12	132623753	132687365	del
43977	ENSG00000142208	AKT1	chr14	104769349	104795751	del
44899	ENSG00000174197	MGA	chr15	41621224	41773081	del
45011	ENSG00000166710	B2M	chr15	44711487	44718877	del
45273	ENSG00000140262	TCF12	chr15	56918623	57299281	del
45320	ENSG00000157450	RNF111	chr15	58865175	59097419	del
45508	ENSG00000169032	MAP2K1	chr15	66386817	66492312	del
45751	ENSG00000169375	SIN3A	chr15	75369379	75455842	del
46467	ENSG00000103126	AXIN1	chr16	287440	352723	del
46622	ENSG00000103197	TSC2	chr16	2047967	2089491	del
49313	ENSG00000132522	GPS2	chr17	7311324	7315564	del
49360	ENSG00000141510	TP53	chr17	7661779	7687550	del
49370	ENSG00000170004	CHD3	chr17	7884806	7912760	del
49491	ENSG00000065559	MAP2K4	chr17	12020829	12143830	del
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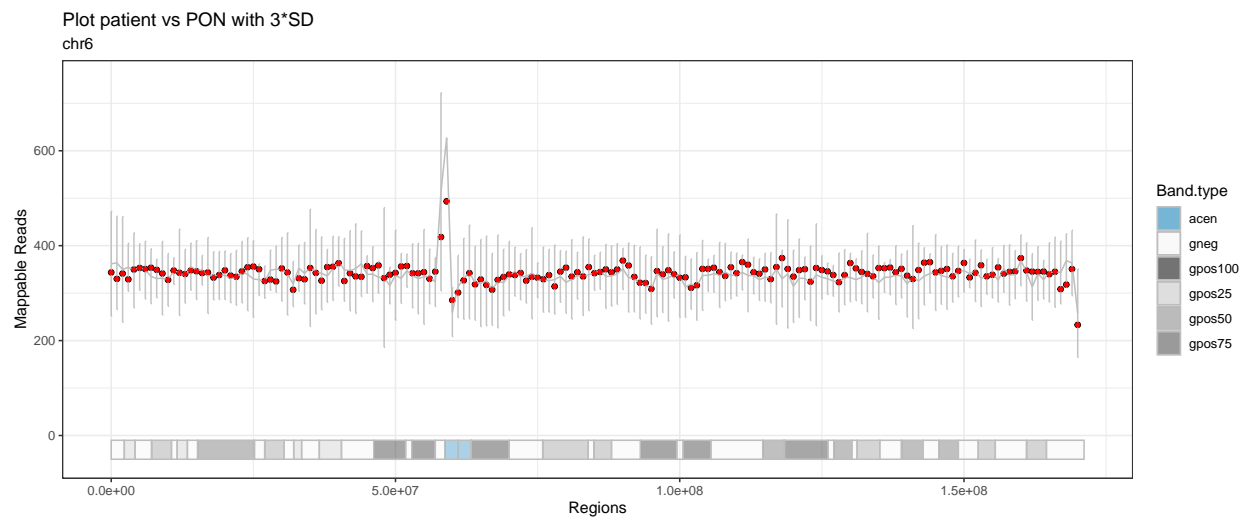
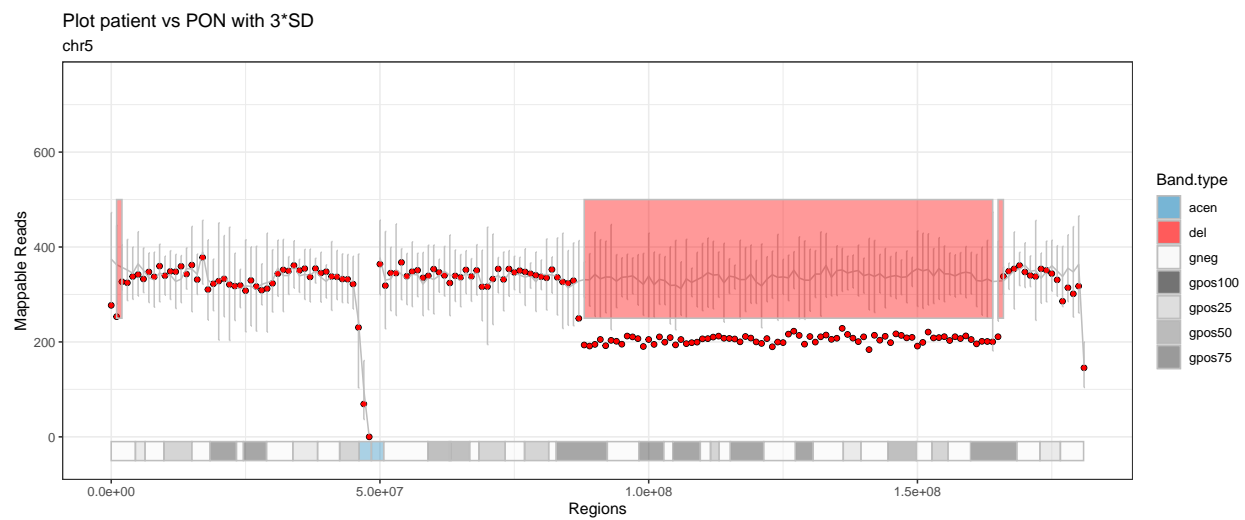
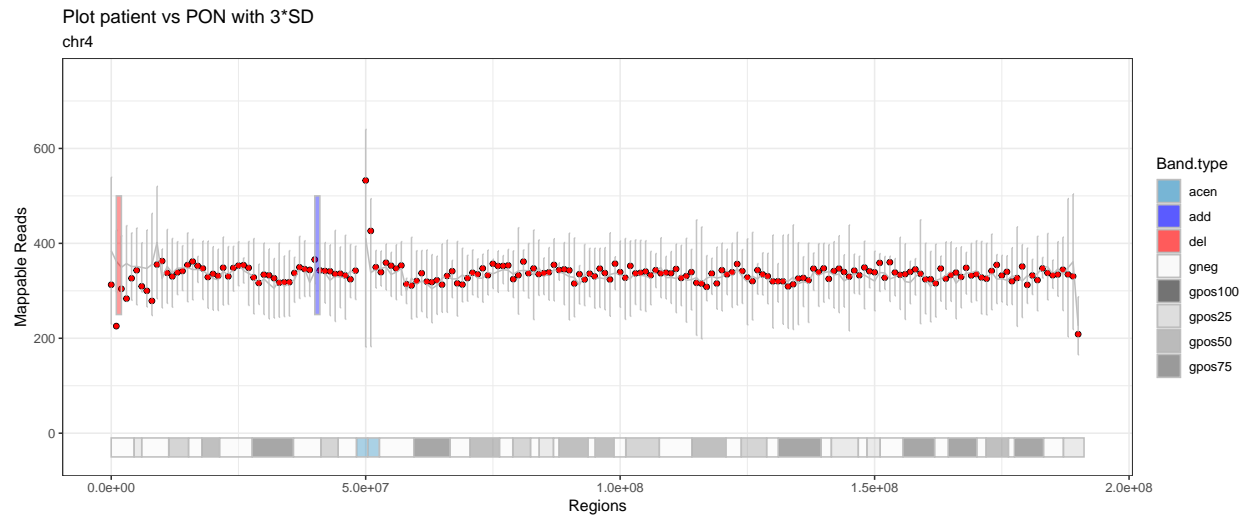
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50518	ENSG00000131759	RARA	chr17	40309180	40357643	del
50539	ENSG00000213424	KRT222	chr17	40654665	40665181	del
50718	ENSG00000012048	BRCA1	chr17	43044295	43170245	del
50883	ENSG00000120071	KANSL1	chr17	46029916	46225389	del
51040	ENSG00000121067	SPOP	chr17	49598884	49678163	del
52042	ENSG00000141579	ZNF750	chr17	82829434	82840022	del
54831	ENSG00000118046	STK11	chr19	1177558	1228435	del
54850	ENSG00000071626	DAZAP1	chr19	1407569	1435687	del
60367	ENSG00000160201	U2AF1	chr21	43092956	43107587	del
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All genome:

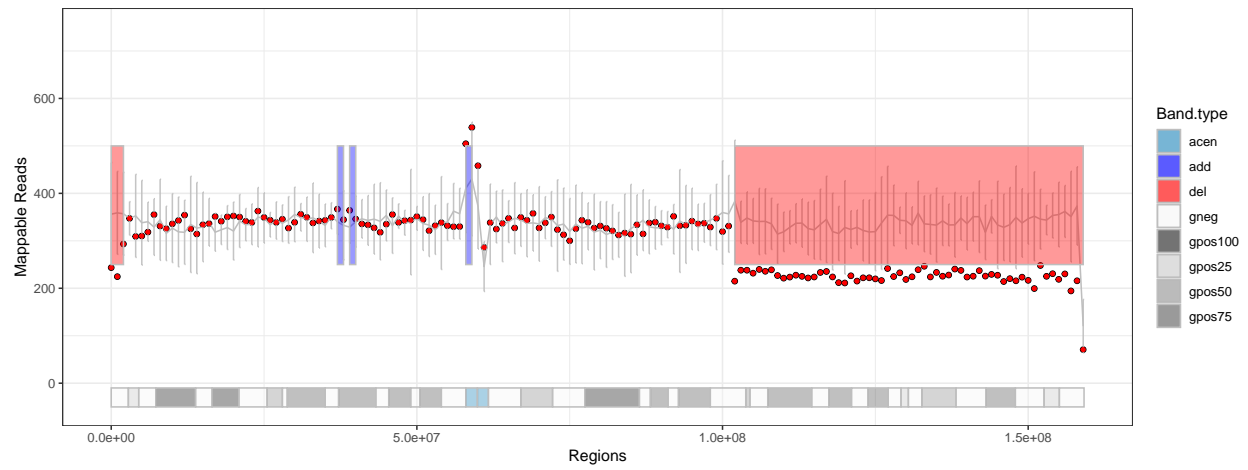


All chromosomes:

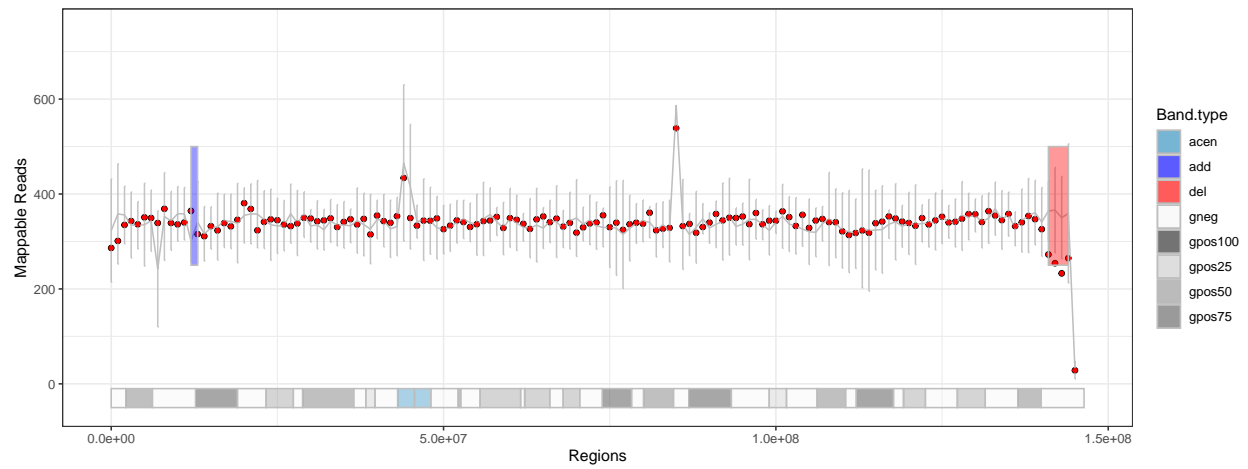




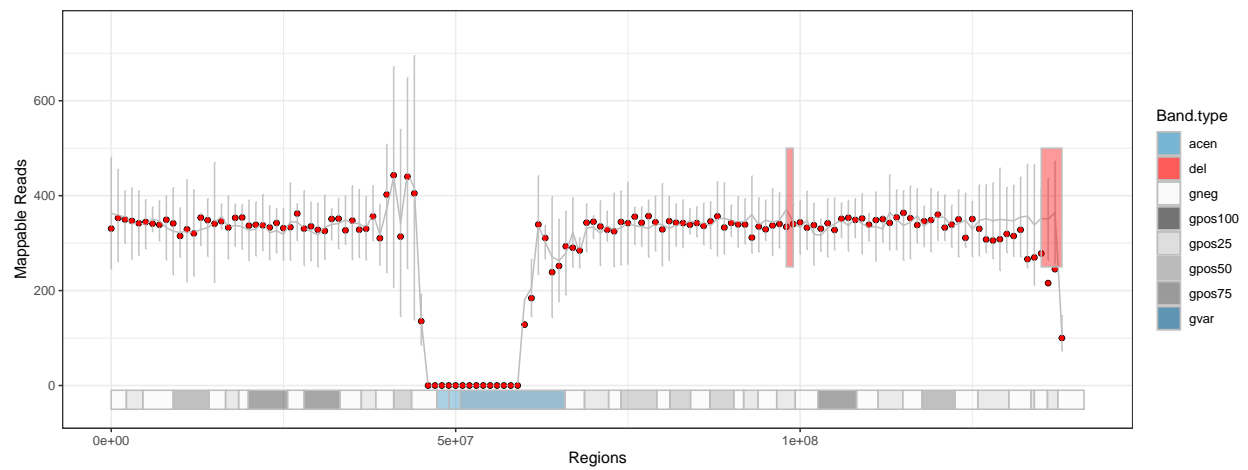
Plot patient vs PON with 3\*SD  
chr7

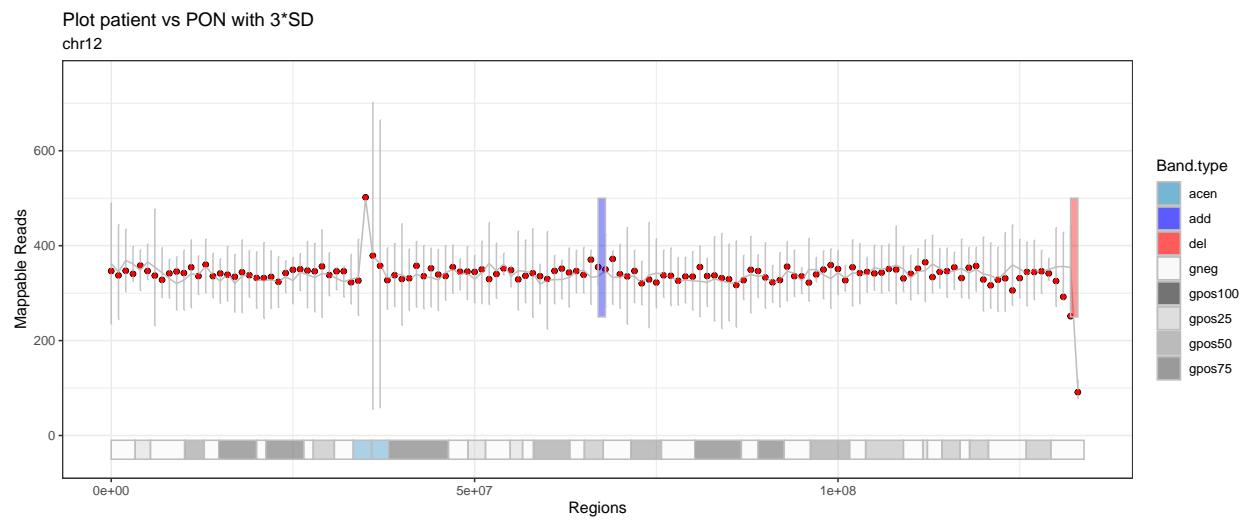
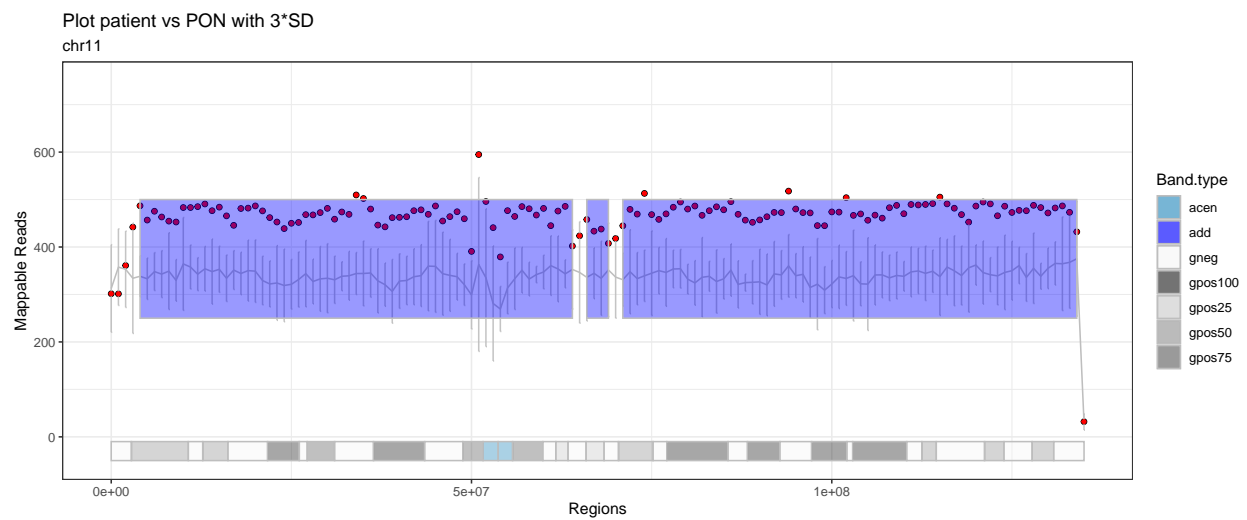
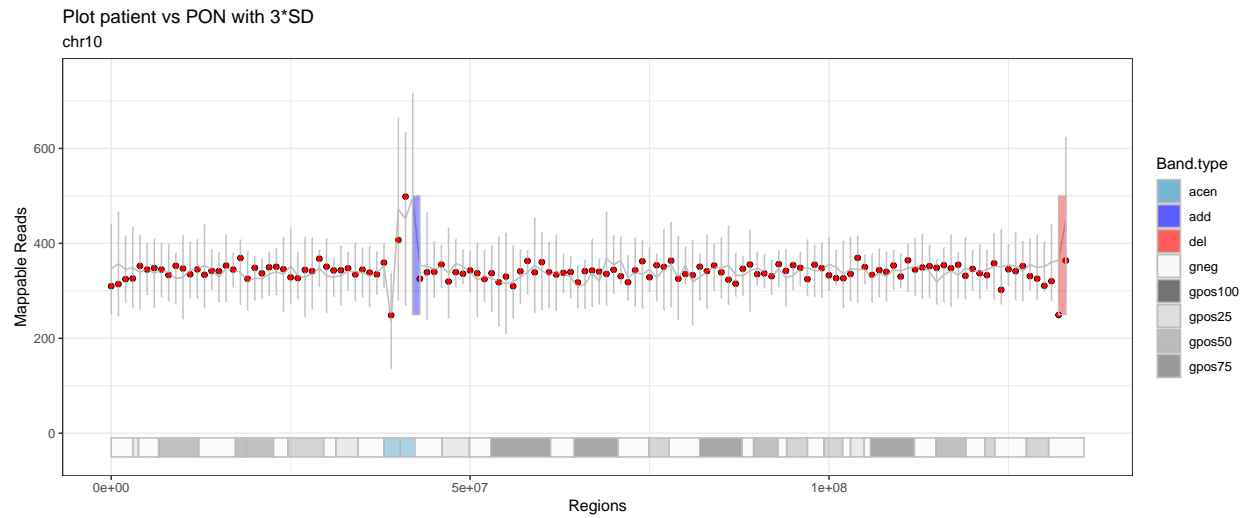


Plot patient vs PON with 3\*SD  
chr8

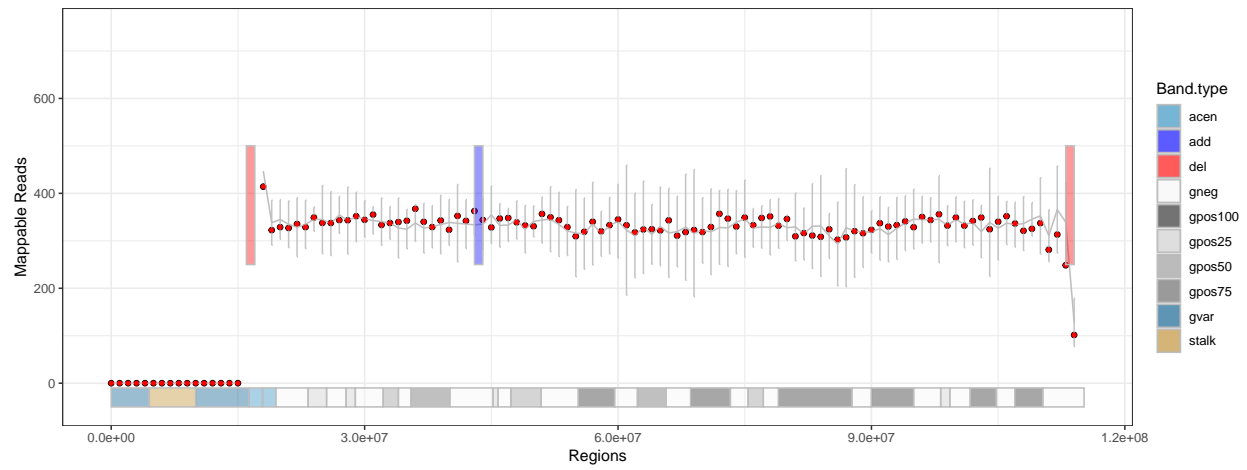


Plot patient vs PON with 3\*SD  
chr9

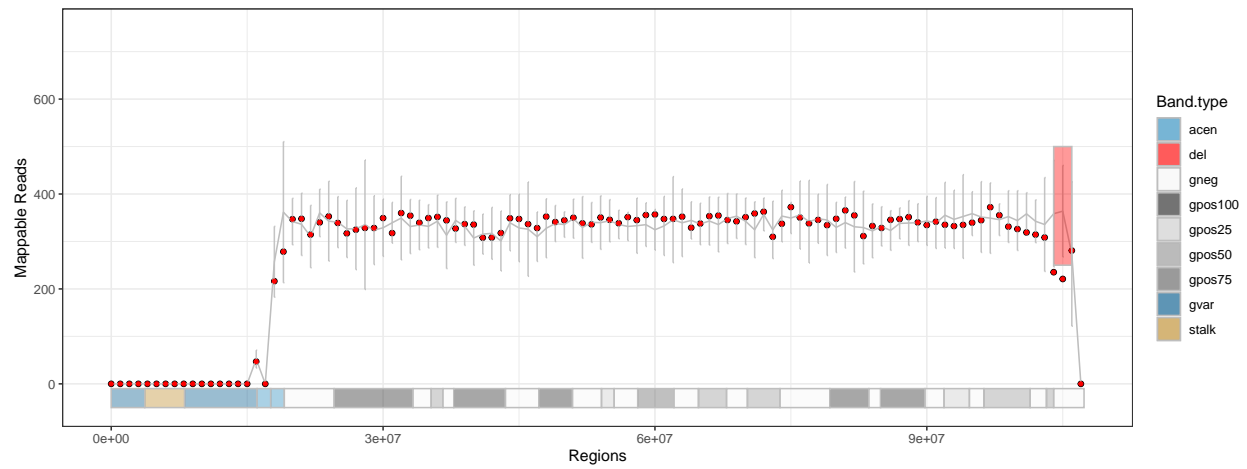




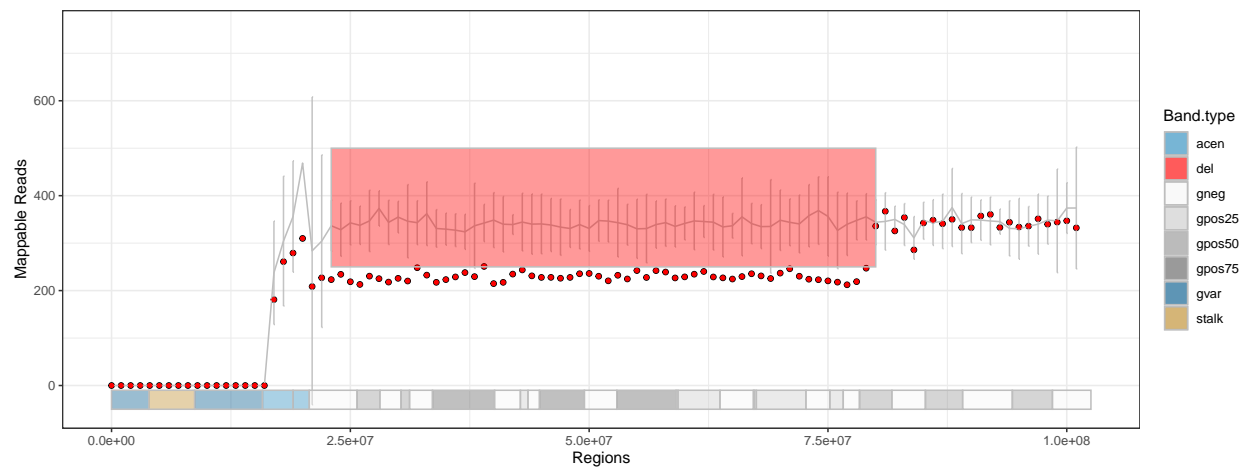
Plot patient vs PON with 3\*SD  
chr13



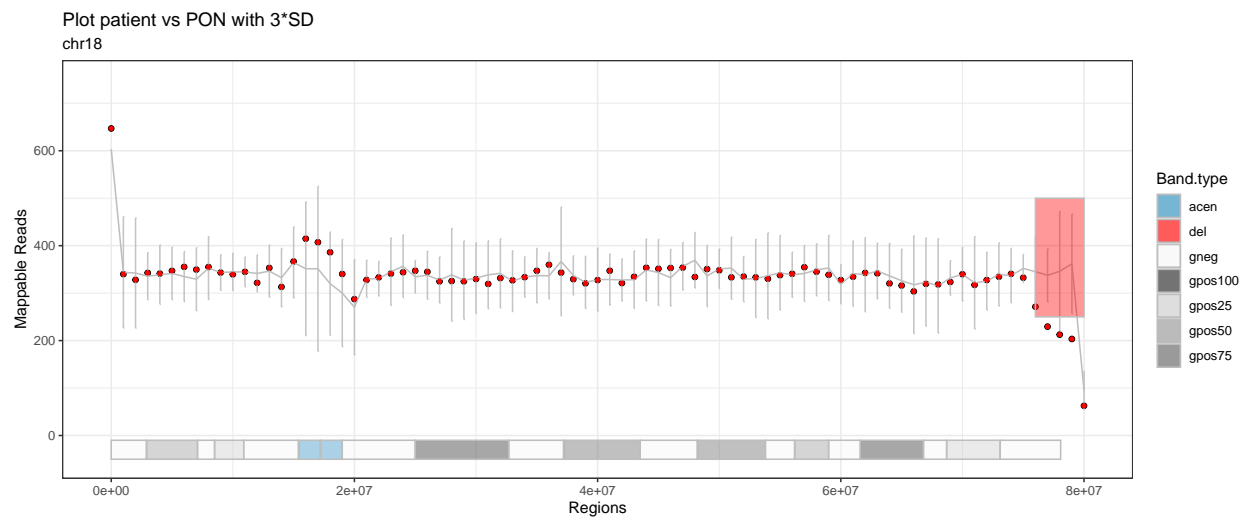
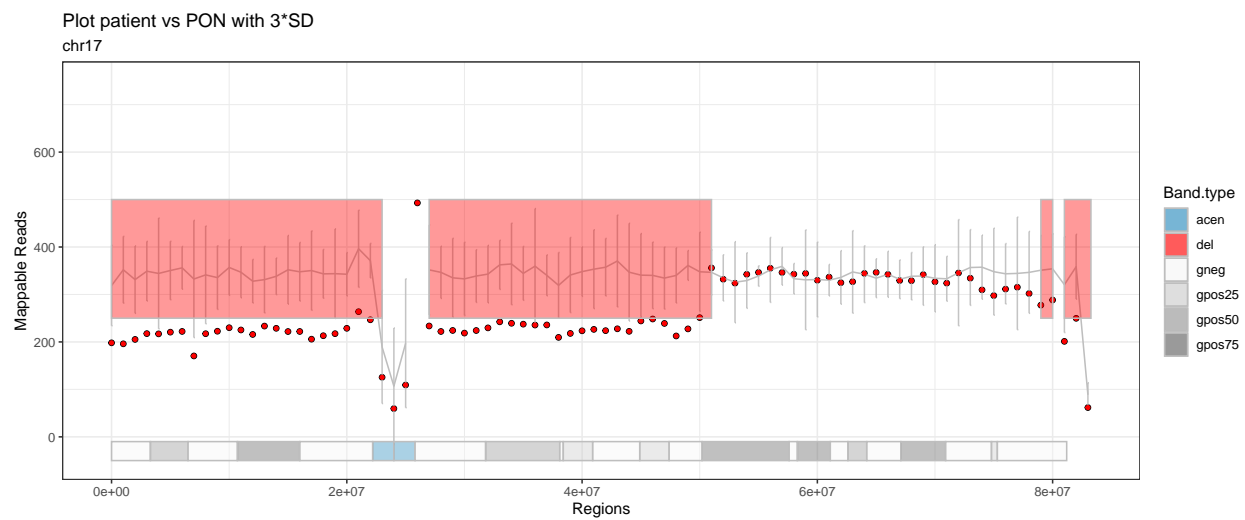
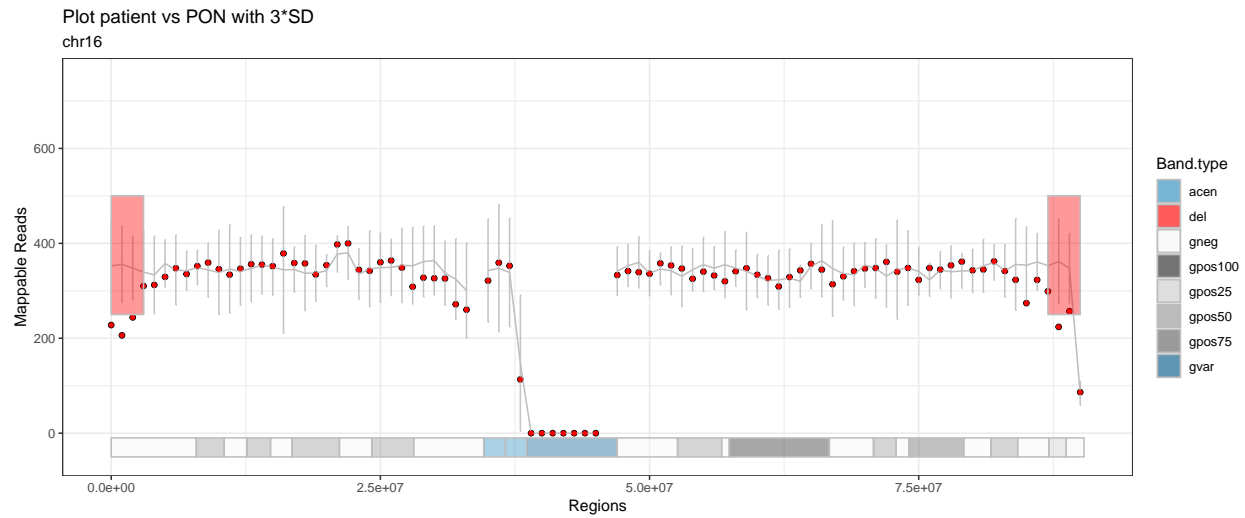
Plot patient vs PON with 3\*SD  
chr14



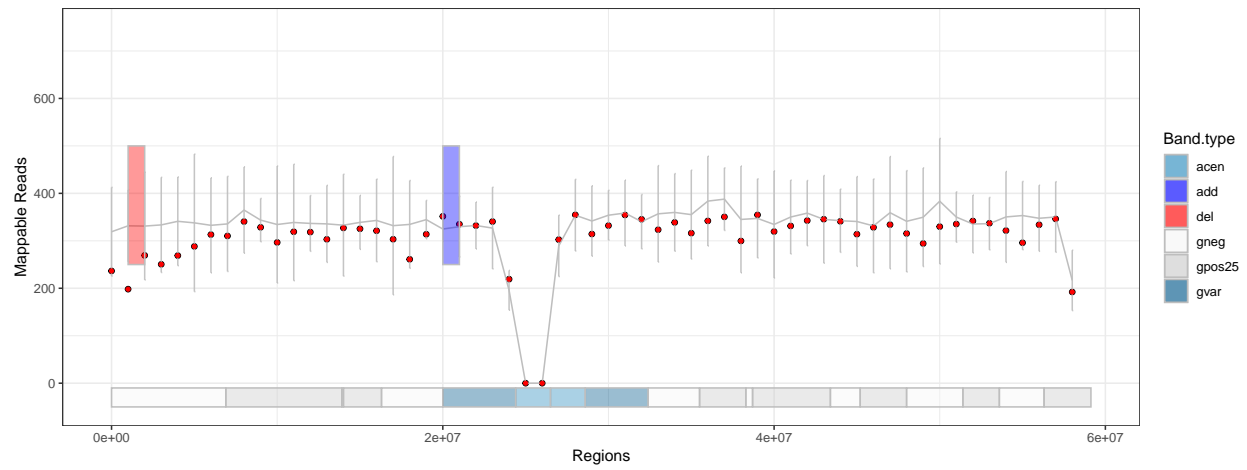
Plot patient vs PON with 3\*SD  
chr15



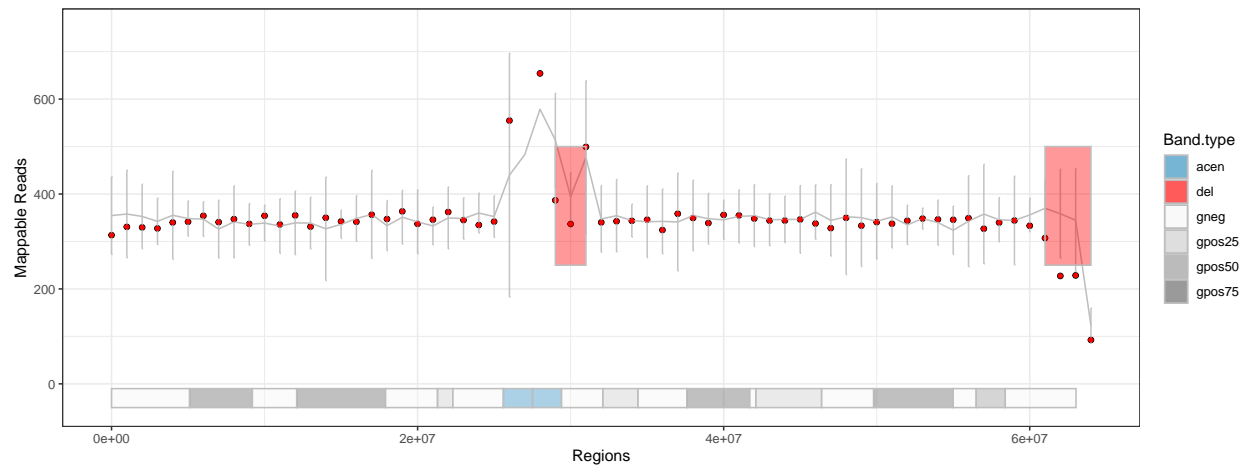




Plot patient vs PON with 3\*SD  
chr19



Plot patient vs PON with 3\*SD  
chr20



Plot patient vs PON with 3\*SD  
chr21

