Report coriandR

Koch V.

27 August, 2020

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## [1] "Patient 29544MLL"
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unique_reads	783312
average_length	149.712
unique_mapped_reads	1511196
patient ID	29544MLL
gender	F

Karyotype:

add(chr11)(p14.2p14.2)

add(chr13)(q31.2q31.2)

add(chr14)(q21.2q21.2)

del(chr15)(q25.2q25.2)

del(chr18)(p11.21p11.21)

del(chr22)(q11.1q11.1)

add(chr8)(p23.2p23.2)

add(chr8)(p22p22)

add(chr8)(p21.2p21.2)

add(chr8)(p12p11.21)

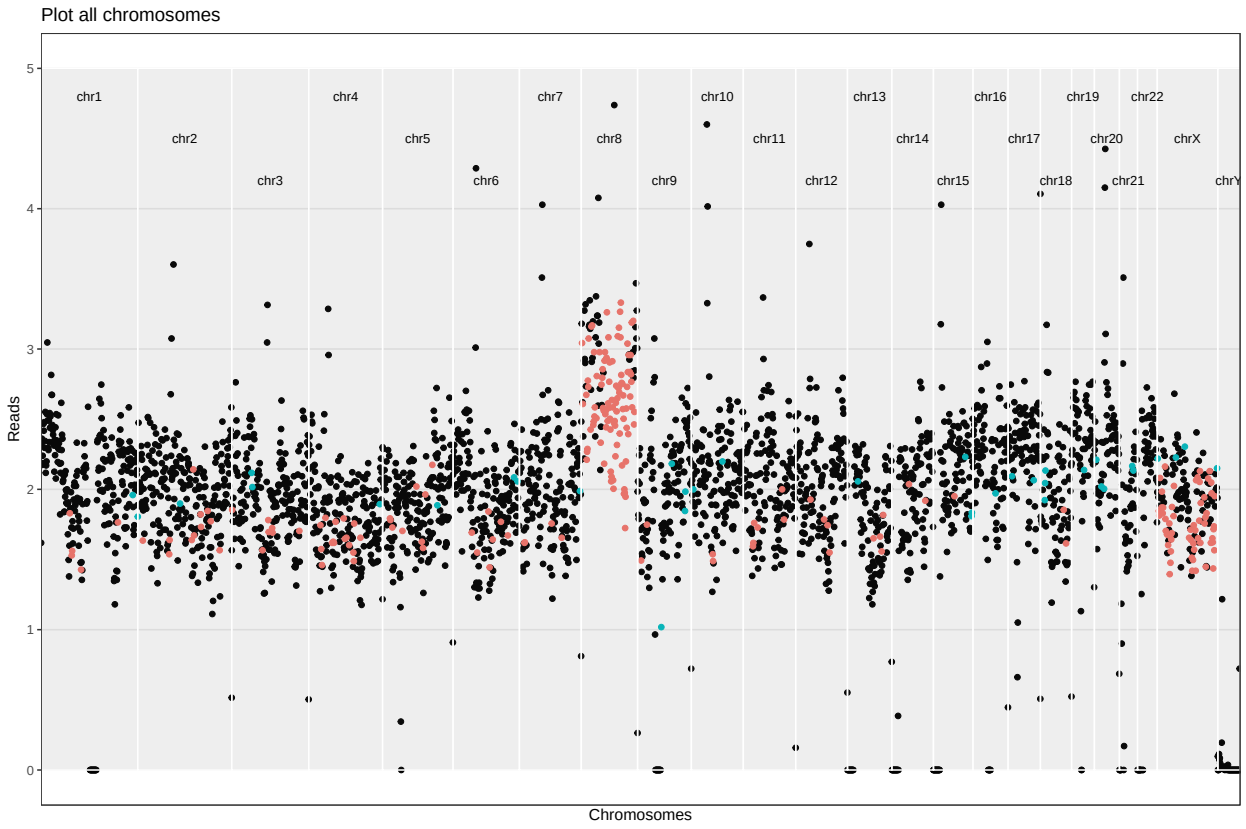
add(chr8)(q11.21q24.23)

Genes from AMl Guidline 2016 or cancer driver genes paper:

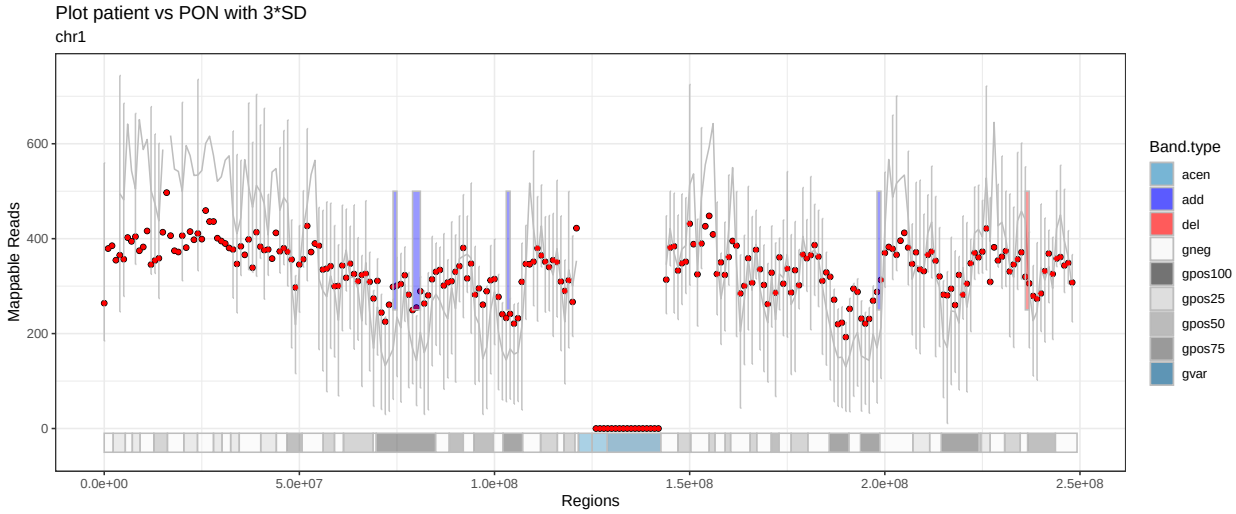
id	sym	bol chr	sta	rt end	abe	rration
4315	ENSG00000081237	PTPRC	chr1	198638457	198757476	amp
9038	ENSG00000178568	ERBB4	chr2	211375717	212538841	amp
16825	ENSG00000145715	RASA1	chr5	87267888	87391931	amp
28059	ENSG00000164736	SOX17	chr8	54457935	54460892	amp
28554	ENSG00000176571	CNBD1	chr8	86866442	87615219	amp
28965	ENSG00000164754	RAD21	chr8	116845935	116874866	amp
29133	ENSG00000136997	MYC	chr8	127735434	127742951	amp
53638	ENSG00000125846	ZNF133	chr20	18288283	18316996	del
60187	ENSG00000159216	RUNX1	chr21	34787801	36004667	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

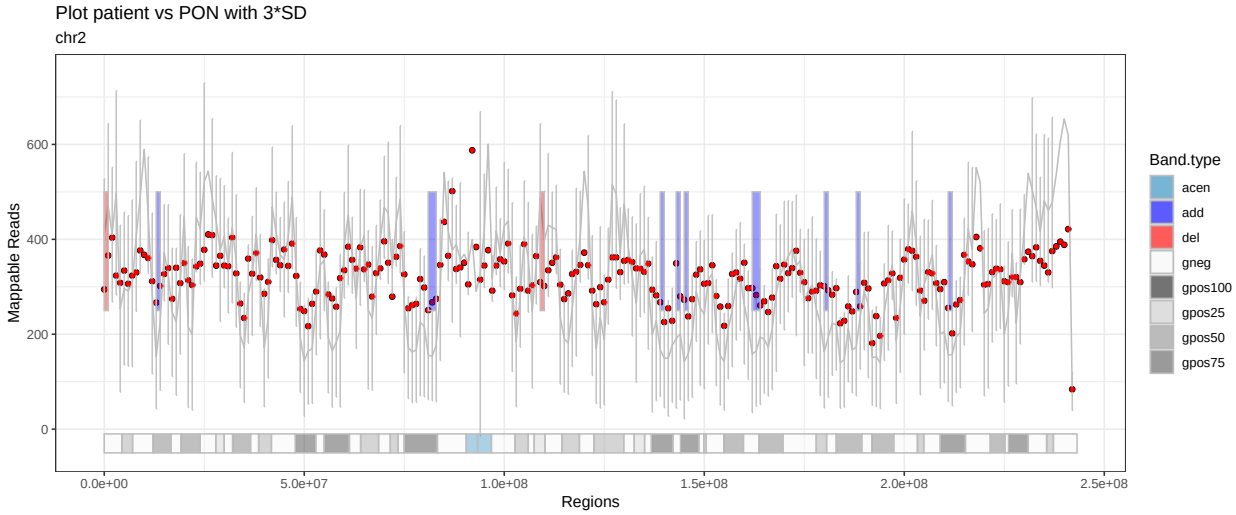
id	sym	bol chr	sta	rt end	abe	rration
256071	ENSG00000184634	MED12	chrX	71118556	71142454	del
256111	ENSG00000147130	ZMYM3	chrX	71239624	71255146	del
256161	ENSG00000147133	TAF1	chrX	71366239	71532374	del
263741	ENSG00000101972	STAG2	chrX	123960212	124422664	amp
268991	ENSG00000196924	FLNA	chrX	154348524	154374638	del

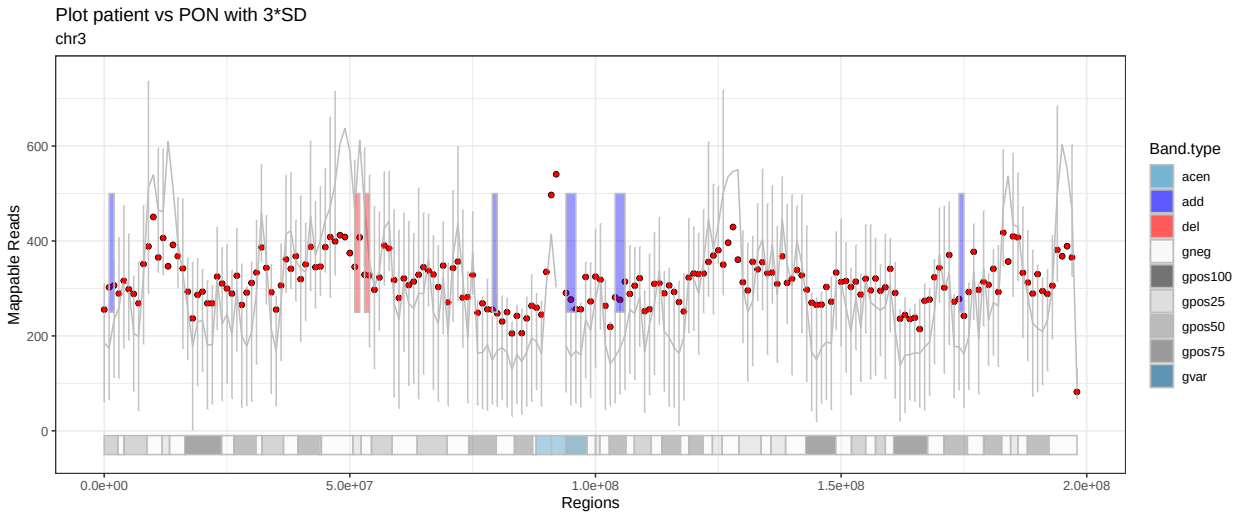
All genome:

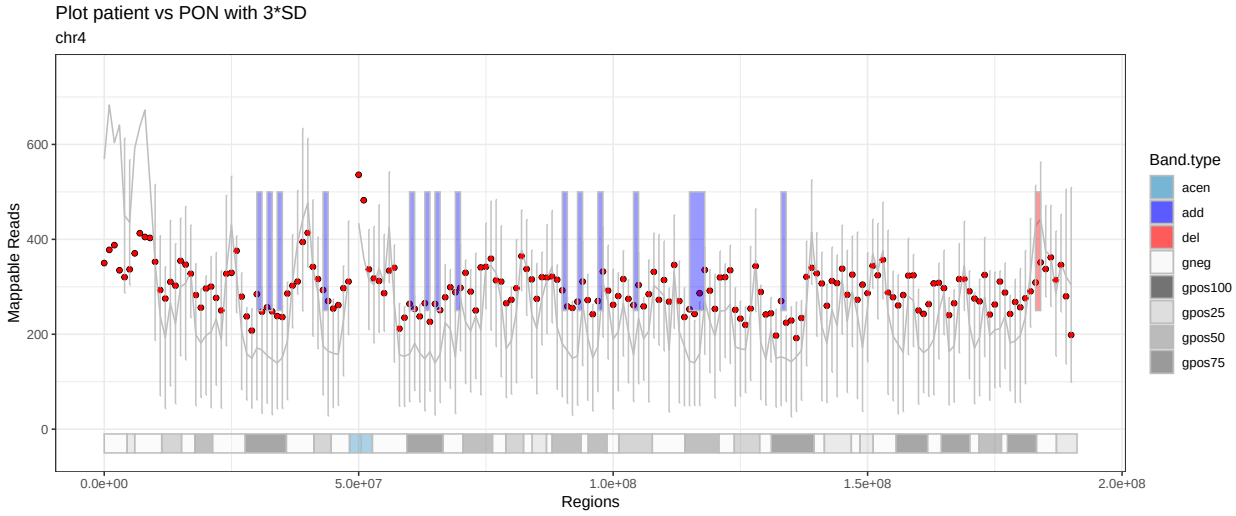


All chromosomes:








Plot patient vs PON with 3*SD
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Mappable Reads
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400
200
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1.0e+08
1.5e+08
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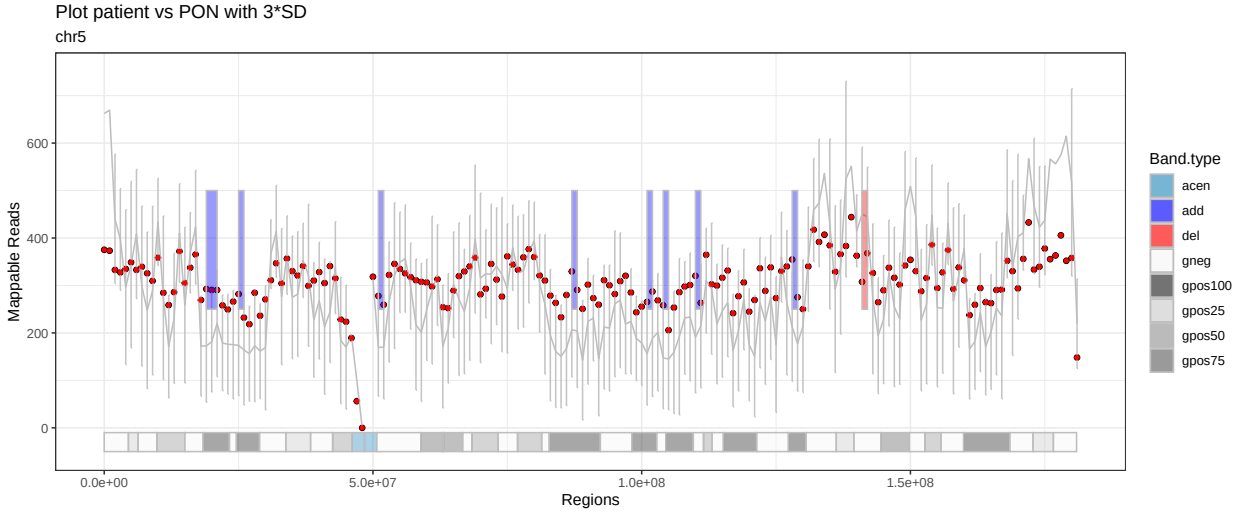
Band.type
acen
add
del
gneg
gpos100
gpos25
gpos50
gpos75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Mappable Reads
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Regions
Band.type
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add
del
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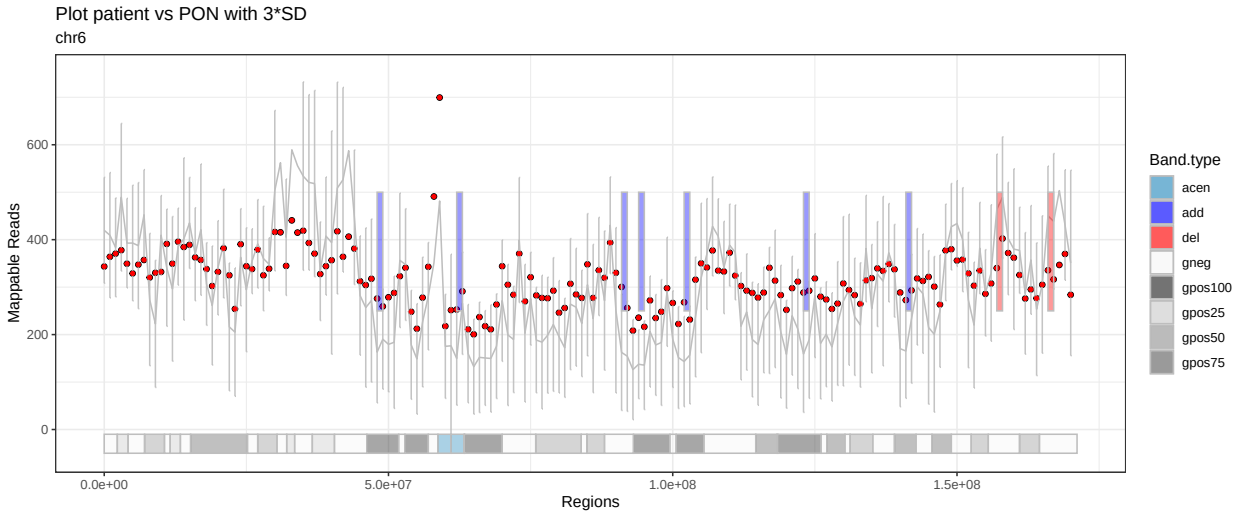
gpos75


Plot patient vs PON with 3*SD
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Mappable Reads
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Regions
Band.type
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add
del
gneg
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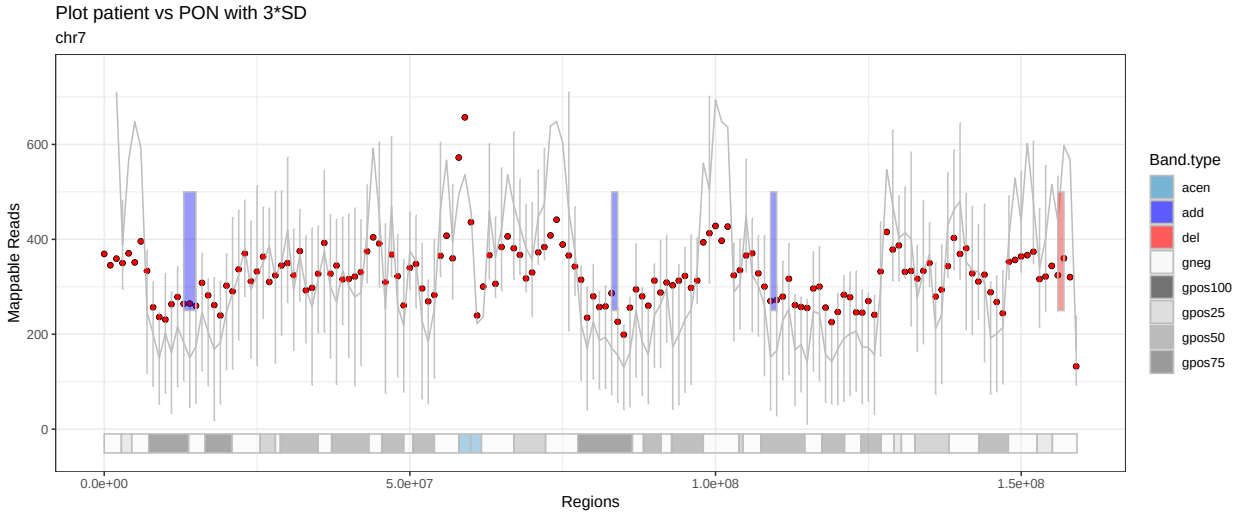
gpos50
gpos75


Plot patient vs PON with 3*SD
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Mappable Reads
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200
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Regions
Band.type
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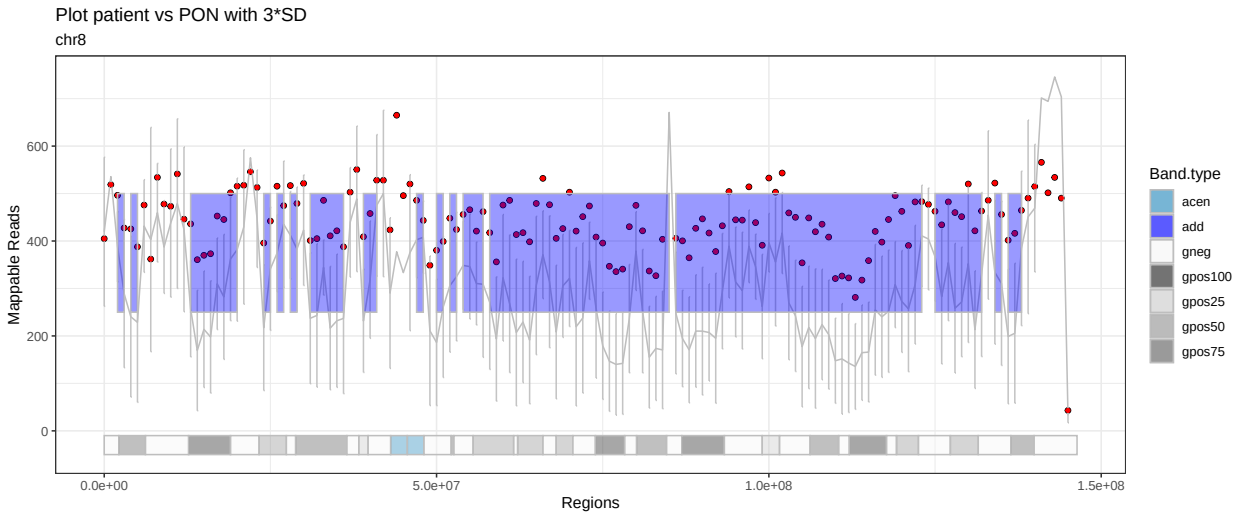
add
del
gneg
gpos100
gpos25
gpos50
gpos75


Plot patient vs PON with 3*SD
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Mappable Reads
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400
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Regions
Band.type
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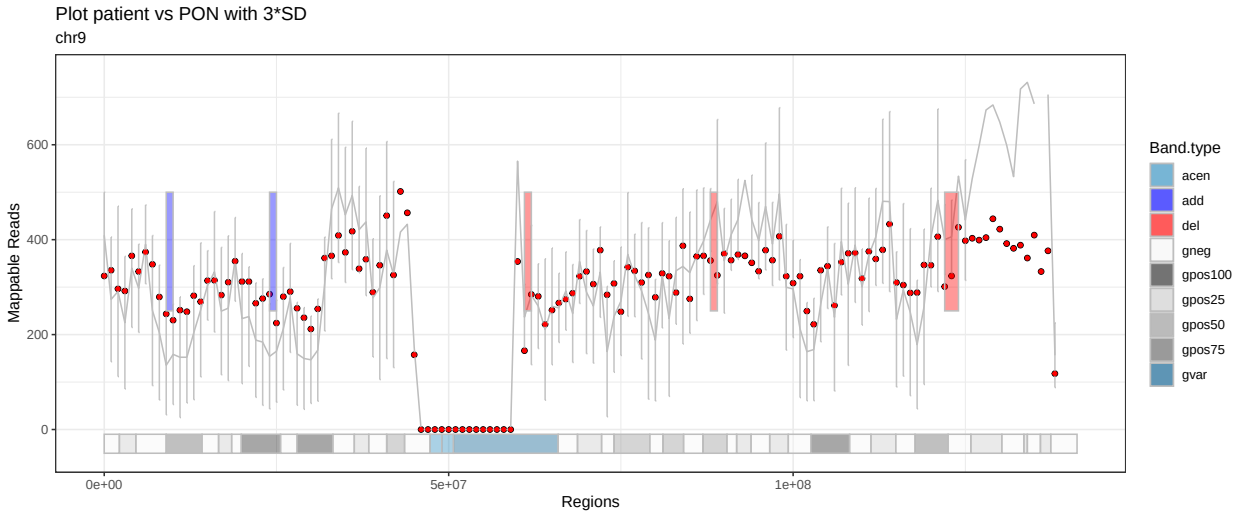
gpos75


Plot patient vs PON with 3*SD
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Mappable Reads
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0e+00
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Regions
Band.type
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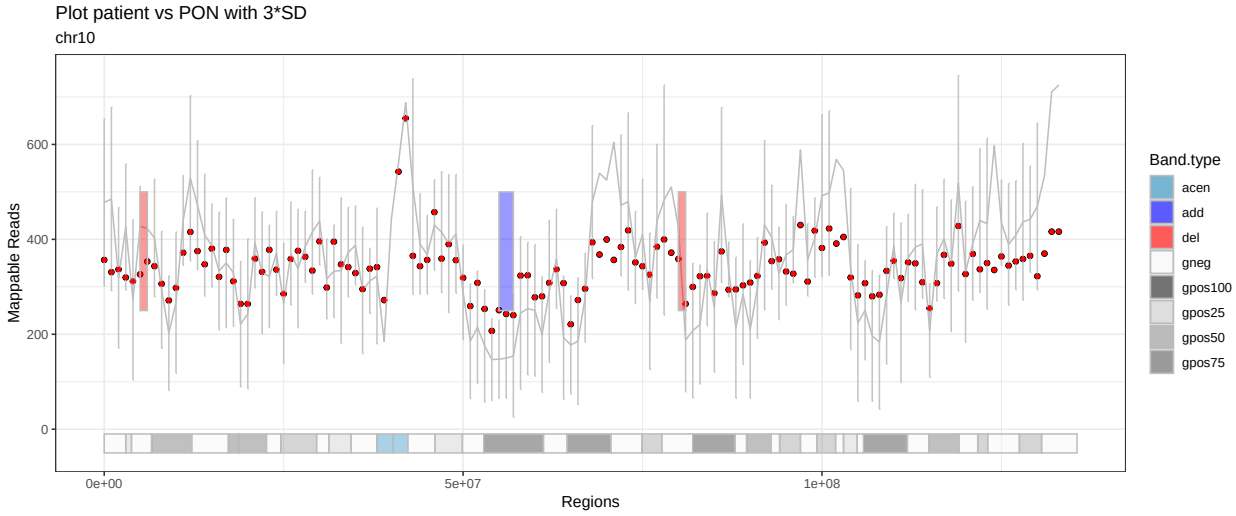
gpos75
gvar


Plot patient vs PON with 3*SD
chr10
Mappable Reads
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400
200
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1e+08
Regions
Band.type
acen
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gneg
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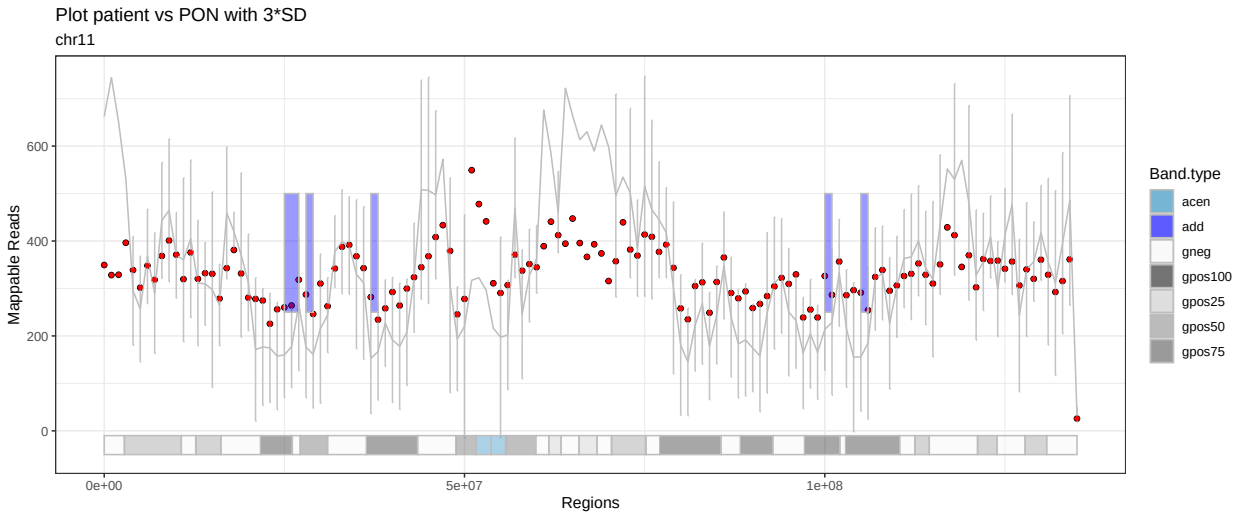
gpos25
gpos50
gpos75


Plot patient vs PON with 3*SD
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Mappable Reads
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400
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1e+08
Regions
Band.type
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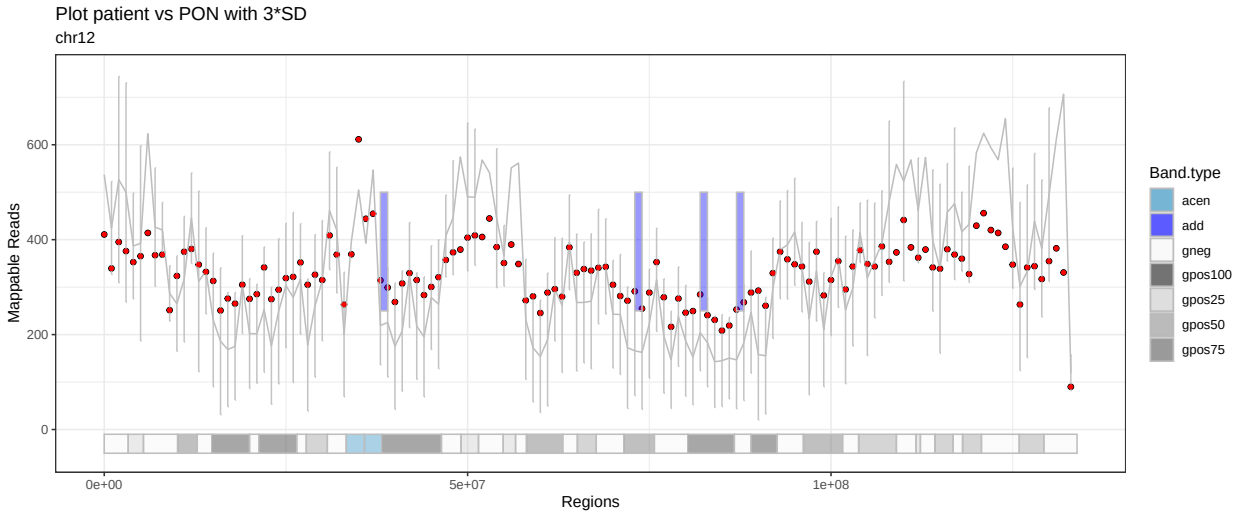
gpos75


Plot patient vs PON with 3*SD
chr12
Mappable Reads
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400
200
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1e+08
Regions
Band.type
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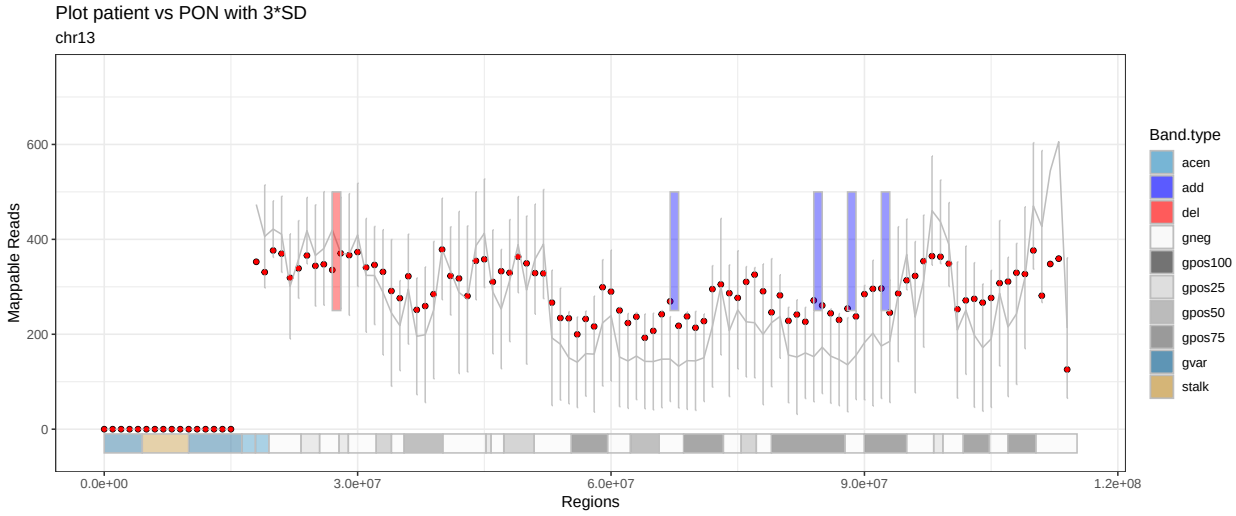
gpos75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Mappable Reads
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6.0e+07
9.0e+07
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Band.type
acen
add
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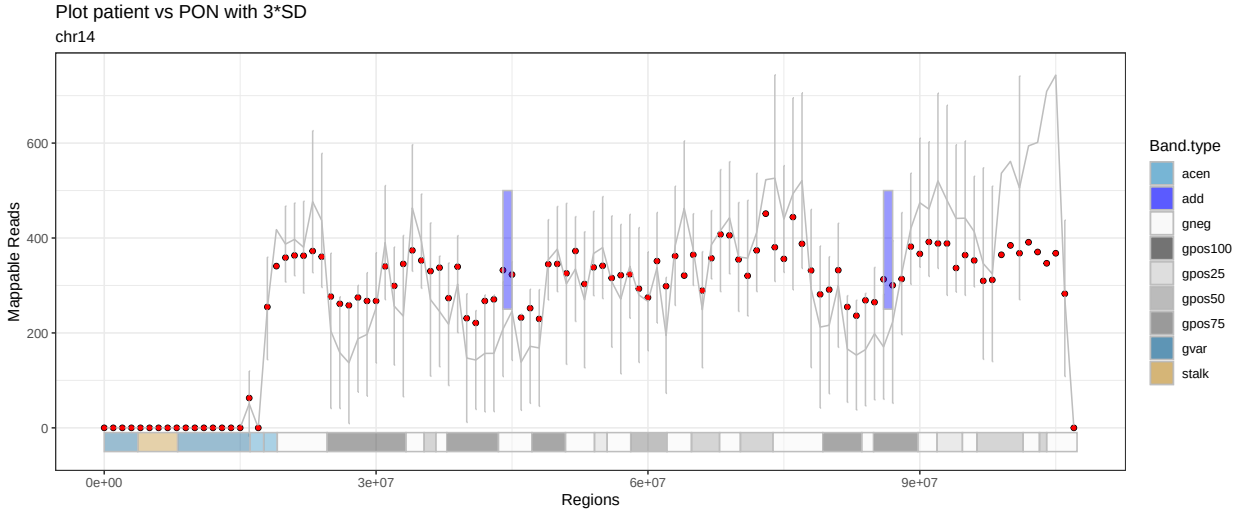
gpos25
gpos50
gpos75
gvar
stalk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chr14
Mappable Reads
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400
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Regions
Band.type
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gpos25
gpos50
gpos75
gvar
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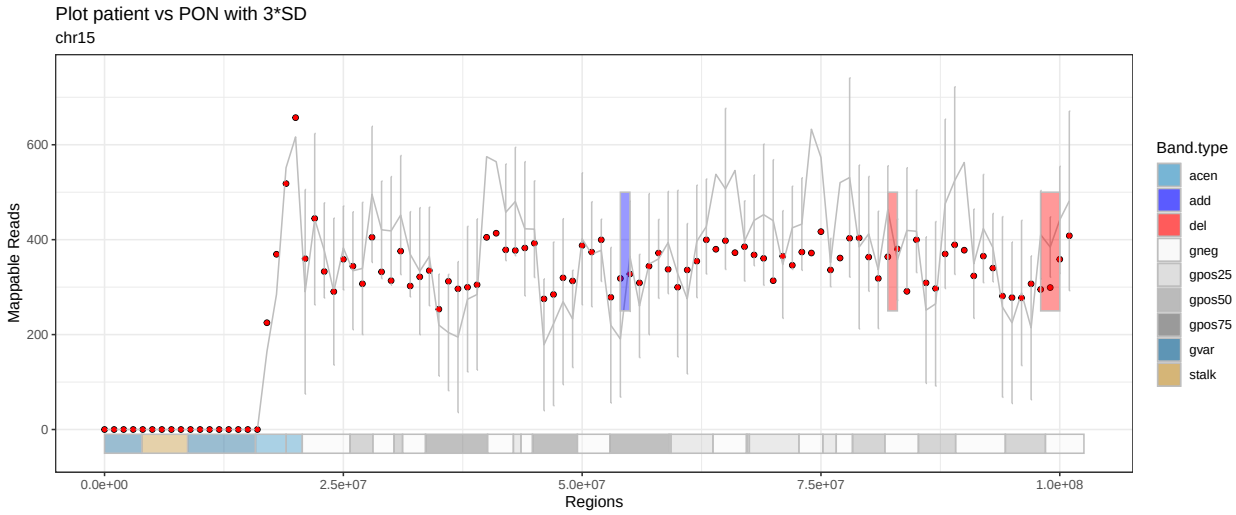
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Mappable Reads
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5.0e+07
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Regions
Band.type
acen
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gpos25
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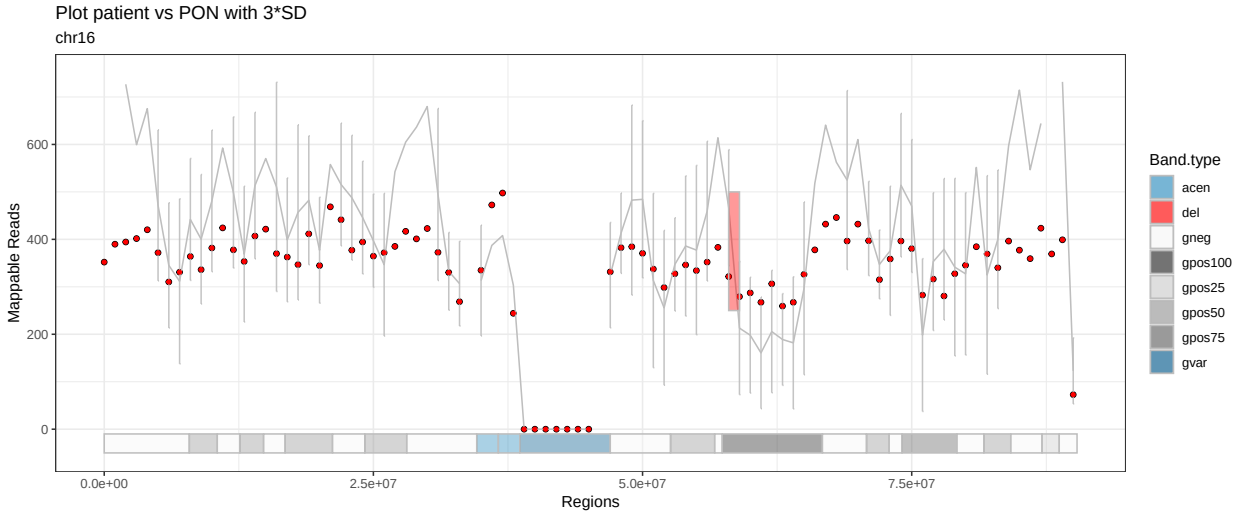
Plot patient vs PON with 3*SD
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Mappable Reads
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2.5e+07
5.0e+07
7.5e+07
Regions
Band.type
acen
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gpos100
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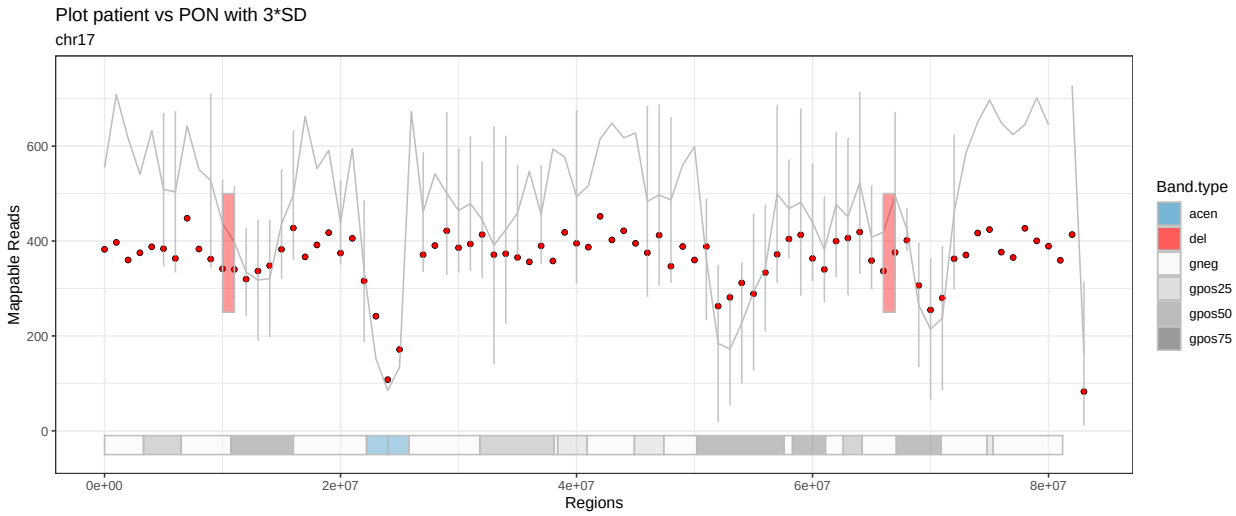
gpos50
gpos75
gvar


Plot patient vs PON with 3*SD
chr17
Mappable Reads
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6e+07
8e+07
Regions
Band.type
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del
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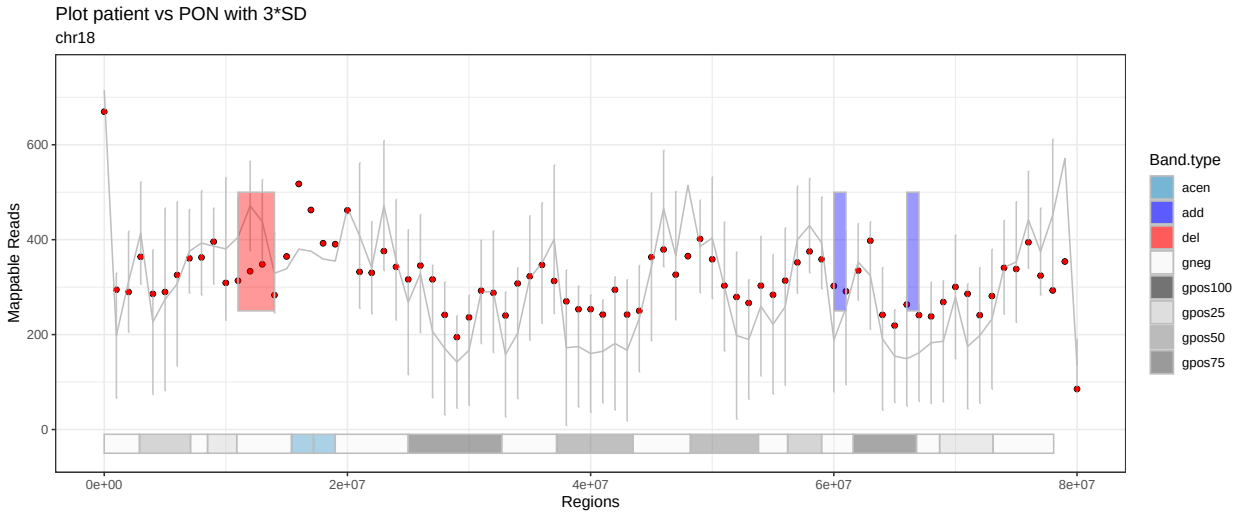
gpos75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Mappable Reads
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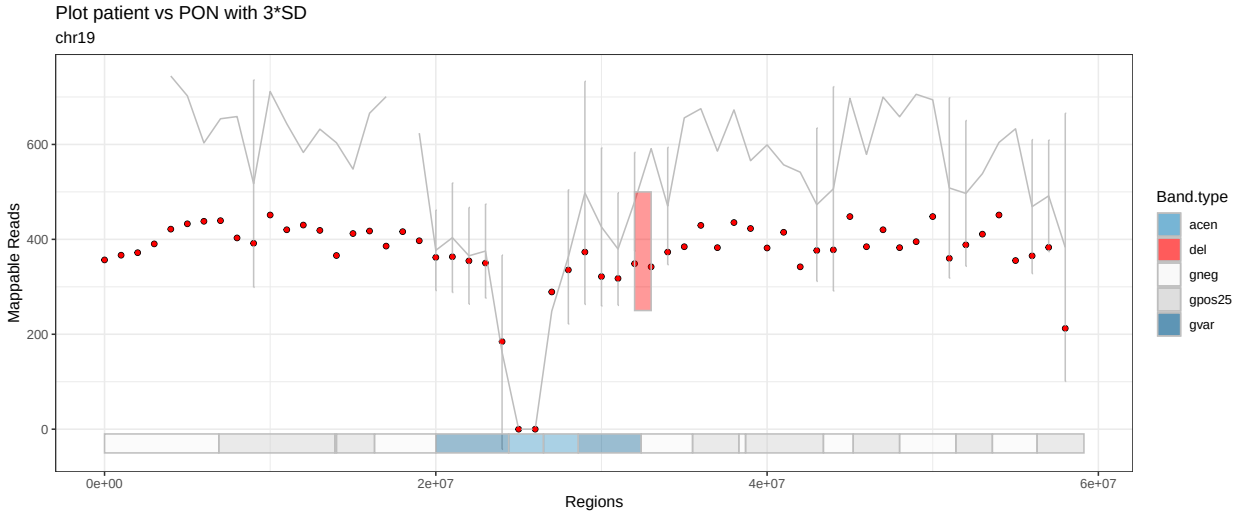
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chr19
Mappable Reads
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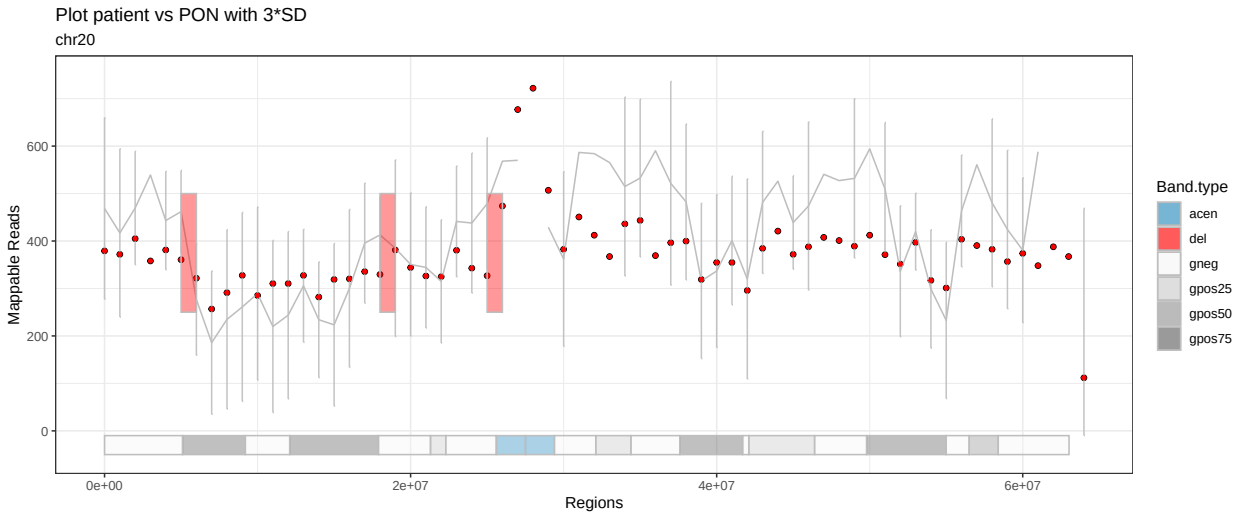
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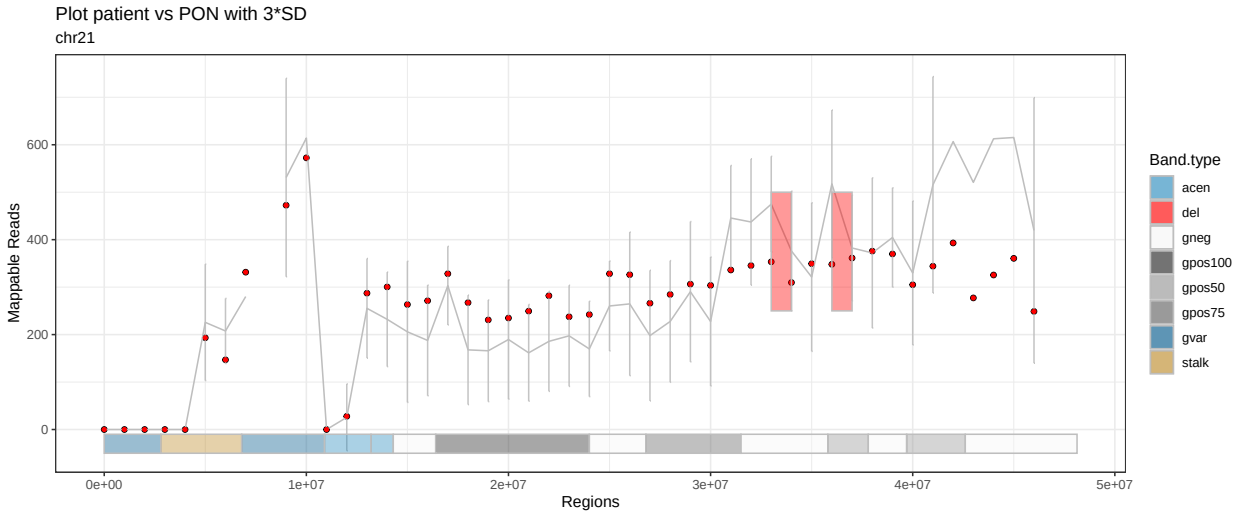
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Mappable Reads
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Regions
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gpos100
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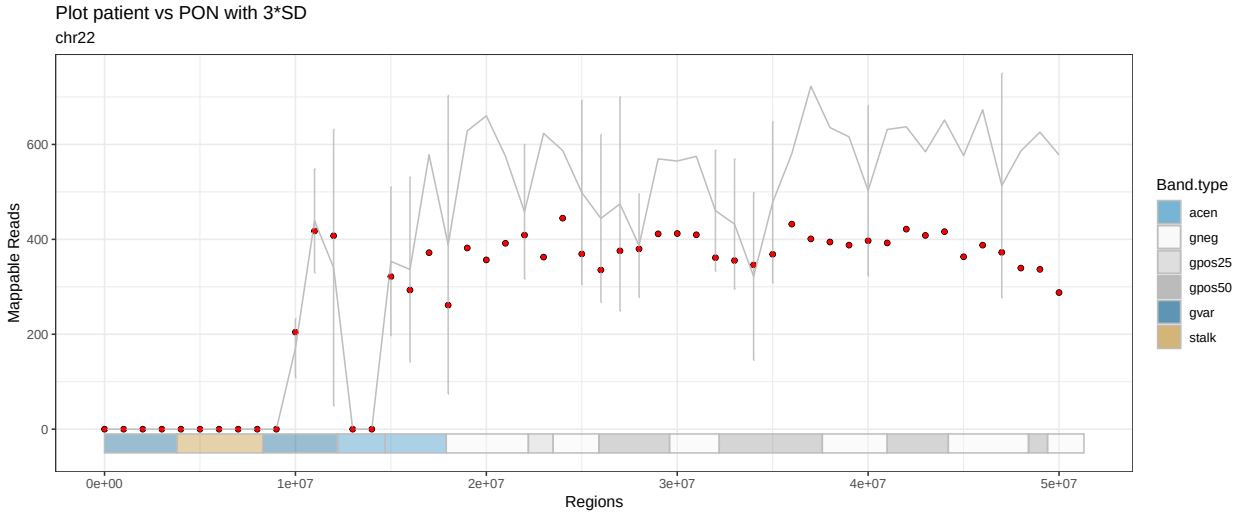
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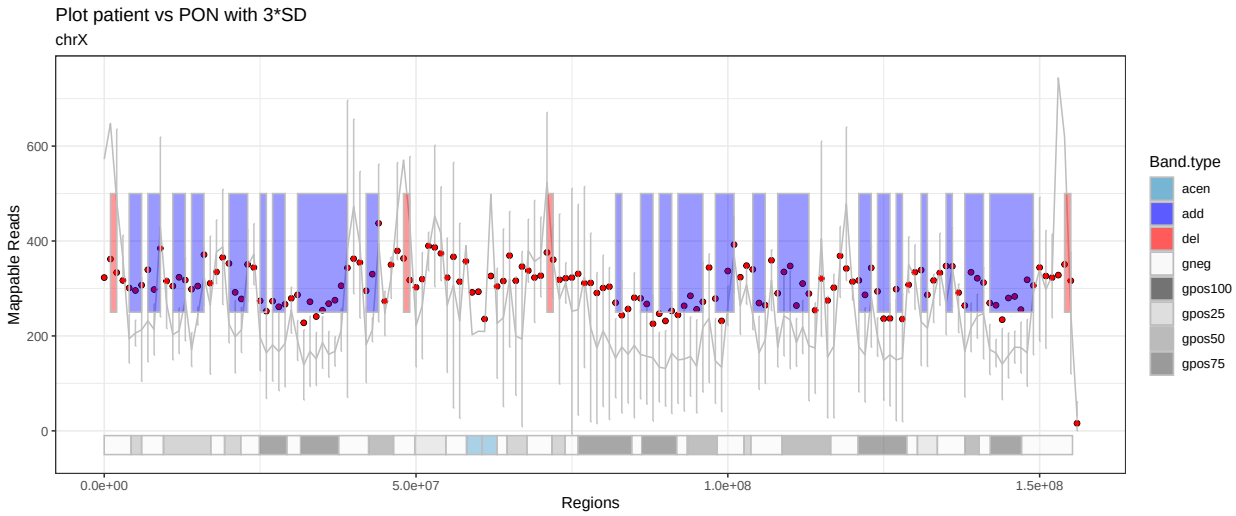
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Mappable Reads
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Band.type
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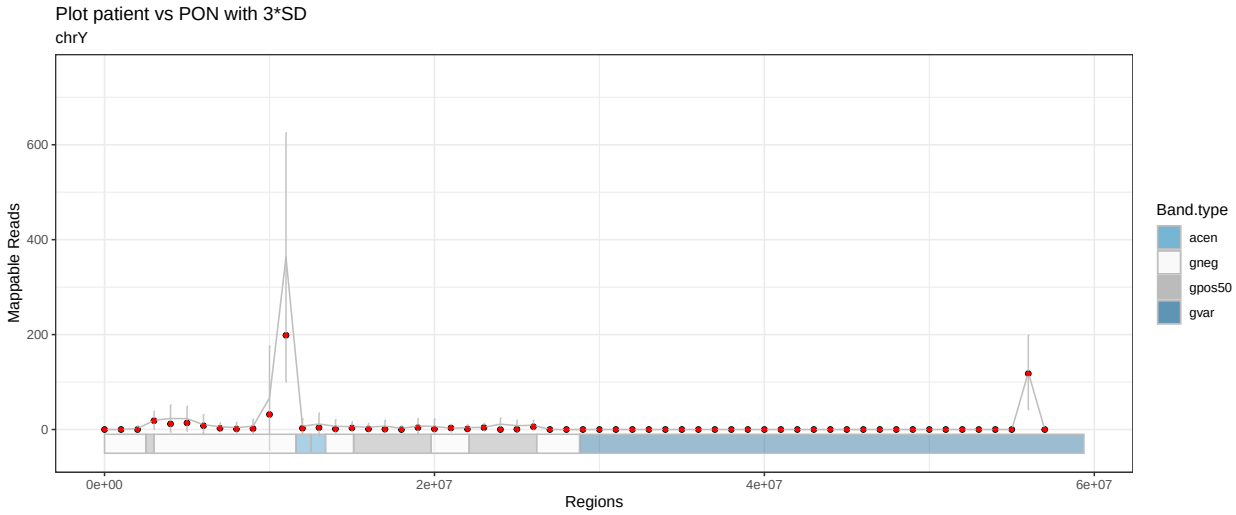
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Regions
Band.type
acen
gneg
gpos50
gvar