

# Report coriandR

*Koch V.*

*28 Oktober, 2020*

## [1] "Patient 35717.median"

unique_reads	2666744
average_length	147.79
unique_mapped_reads	5105050
patient ID	35717.median
gender	M

## Karyotype:

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add(chr1)(p13.3p13.3)  
add(chr1)(q21.3q23.1)  
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add(chr10)(q23.33q24.32)  
add(chr10)(q26.11q26.3)  
add(chr11)(p15.5p15.4)  
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add(chr11)(q12.2q13.5)  
del(chr11)(q14.3q14.3)  
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add(chr11)(q23.3q23.3)  
add(chr11)(q24.2q24.2)  
add(chr12)(p13.33p13.31)  
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del(chr12)(q14.1q14.1)  
del(chr12)(q21.2q21.2)  
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add(chr13)(p11.1q11)

add(chr13)(q12.3q12.3)  
 del(chr13)(q31.3q31.3)  
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 add(chr13)(q34q34)  
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 add(chr14)(q24.1q24.3)  
 add(chr14)(q32.11q32.33)  
 add(chr15)(q12q13.1)  
 add(chr15)(q15.1q15.2)  
 add(chr15)(q21.1q21.1)  
 add(chr15)(q22.2q22.31)  
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 add(chr16)(p13.3p13.3)  
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 add(chr17)(p13.3p11.2)  
 add(chr17)(q12q23.1)  
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 add(chr17)(q25.1q25.3)  
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 add(chr19)(p13.3p13.11)  
 add(chr19)(q12q13.43)  
 add(chr2)(p25.1p25.1)  
 add(chr2)(p23.3p23.2)  
 add(chr2)(p13.3p13.2)  
 add(chr2)(p11.2p11.2)  
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 add(chr2)(q12.3q12.3)  
 add(chr2)(q14.2q14.2)  
 add(chr2)(q21.1q21.1)  
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del(chr2)(q24.2q24.2)  
del(chr2)(q32.3q32.3)  
del(chr2)(q34q34)  
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add(chr20)(q13.12q13.2)  
add(chr20)(q13.32q13.33)  
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del(chr3)(q13.13q13.13)  
add(chr3)(q21.2q22.1)  
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del(chr5)(q15q15)  
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add(chr5)(q31.1q31.3)  
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add(chr6)(q25.3q25.3)  
add(chr7)(p22.3p22.1)  
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add(chr7)(q11.23q11.23)  
add(chr7)(q22.1q22.1)  
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del(chr8)(q21.13q21.13)  
del(chr8)(q21.3q21.3)  
del(chr8)(q23.1q23.1)  
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add(chr9)(p13.3p13.3)  
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add(chr9)(q22.2q22.32)  
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# Genes from AML Guidline 2016 or cancer driver genes paper:

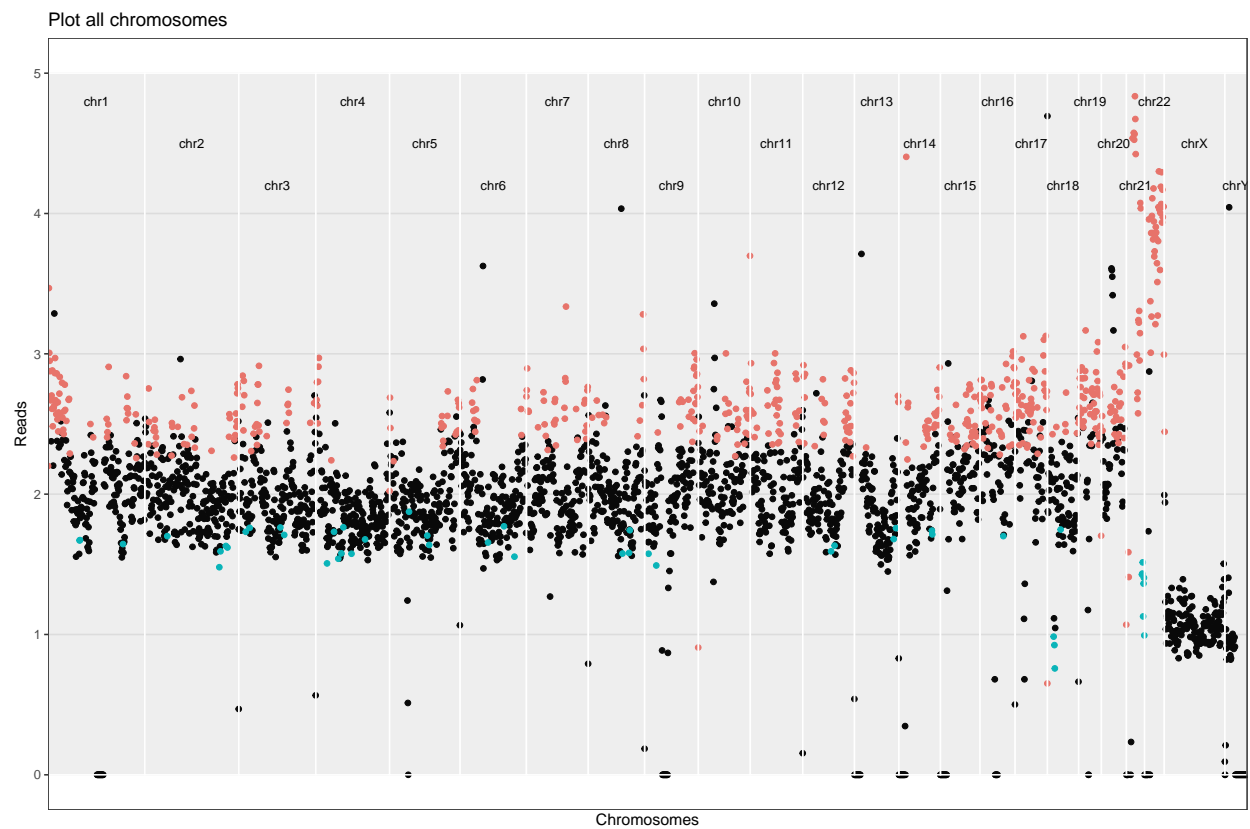
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1176	ENSG00000054118	THRAP3	chr1	36224432	36305357	amp
1201	ENSG00000163874	ZC3H12A	chr1	37474580	37484377	amp
1258	ENSG00000127603	MACF1	chr1	39081316	39487177	amp
1397	ENSG00000117400	MPL	chr1	43337849	43352772	amp
3387	ENSG00000160685	ZBTB7B	chr1	155002630	155018522	amp
3442	ENSG00000143622	RIT1	chr1	155897808	155911404	amp
4392	ENSG00000163435	ELF3	chr1	202007945	202017183	amp
4441	ENSG00000159388	BTG2	chr1	203305491	203309602	amp
4895	ENSG00000163041	H3F3A	chr1	226061851	226072007	amp
5860	ENSG00000119772	DNMT3A	chr2	25227855	25342590	amp
5866	ENSG00000143970	ASXL2	chr2	25733753	25878516	amp

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6626	ENSG00000169564	PCBP1	chr2	70087454	70089203	amp
9407	ENSG00000187514	PTMA	chr2	231706895	231713541	amp
9614	ENSG00000130294	KIF1A	chr2	240713761	240821036	amp
9796	ENSG00000134086	VHL	chr3	10141008	10152220	amp
9848	ENSG00000132155	RAF1	chr3	12583601	12664226	amp
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10504	ENSG00000067560	RHOA	chr3	49359145	49412998	amp
10630	ENSG00000163930	BAP1	chr3	52401008	52410008	amp
10638	ENSG00000163939	PBRM1	chr3	52545352	52685917	amp
15551	ENSG00000164362	TERT	chr5	1253147	1295047	amp
17886	ENSG00000182578	CSF1R	chr5	150053291	150113372	amp
17889	ENSG00000113721	PDGFRB	chr5	150113839	150155872	amp
18309	ENSG00000165671	NSD1	chr5	177133025	177300215	amp
19285	ENSG00000234745	HLA-B	chr6	31269491	31357188	amp
19497	ENSG00000161904	LEMD2	chr6	33771202	33789130	amp
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21587	ENSG00000164853	UNCX	chr7	1232872	1237326	amp
21626	ENSG00000198286	CARD11	chr7	2906141	3043945	amp
21681	ENSG00000122512	PMS2	chr7	5970925	6009106	amp
21696	ENSG00000136238	RAC1	chr7	6374527	6403967	amp
22481	ENSG00000146648	EGFR	chr7	55019017	55211628	amp
22928	ENSG00000263001	GTF2I	chr7	74650231	74760692	amp
24436	ENSG00000106615	RHEB	chr7	151466012	151520120	amp
24449	ENSG00000055609	KMT2C	chr7	152134922	152436005	amp
27499	ENSG00000179388	EGR3	chr8	22687659	22693480	amp
29133	ENSG00000136997	MYC	chr8	127735434	127742951	amp
29607	ENSG00000153707	PTPRD	chr9	8314246	10612723	del
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31516	ENSG00000097007	ABL1	chr9	130713946	130887675	amp
31558	ENSG00000165699	TSC1	chr9	132891348	132946874	amp
31611	ENSG00000186350	RXRA	chr9	134317098	134440585	amp
31616	ENSG00000130635	COL5A1	chr9	134641774	134844843	amp
31674	ENSG00000148400	NOTCH1	chr9	136494433	136546048	amp
31832	ENSG00000174775	HRAS	chr11	532242	537287	amp
31870	ENSG00000184956	MUC6	chr11	1012823	1036718	amp
33142	ENSG00000198561	CTNND1	chr11	57753243	57819546	amp
33487	ENSG00000168066	SF1	chr11	64764606	64778786	amp
33490	ENSG00000133895	MEN1	chr11	64803510	64811294	amp
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46467	ENSG00000103126	AXIN1	chr16	287440	352723	amp
46622	ENSG00000103197	TSC2	chr16	2047967	2089491	amp
46775	ENSG00000005339	CREBBP	chr16	3725054	3880726	amp
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52799	ENSG00000175387	SMAD2	chr18	47808957	47931146	amp
53921	ENSG00000171456	ASXL1	chr20	32358330	32439319	amp
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59615	ENSG00000196576	PLXNB2	chr22	50274979	50307646	amp
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60367	ENSG00000160201	U2AF1	chr21	43092956	43107587	del

## All genome:



All chromosomes:

