

Report coriandR

Koch V.

12 November, 2020

[1] "Patient 11316.3p"

unique_reads	4004801
average_length	148.753
unique_mapped_reads	7849974
patient ID	11316.3p
gender	M

Karyotype:

del(1)(p36.31p36.21)
del(1)(p36.12p36.11)
del(1)(p35.1p35.1)
del(1)(p34.2p34.2)
del(1)(p33p33)
del(1)(p32.1p32.1)
del(1)(q23.1q23.2)
add(1)(q31.1q31.3)
del(1)(q42.12q42.2)
add(10)(q21.1q21.1)
del(10)(q22.1q22.1)
add(10)(q23.33q23.33)
del(10)(q26.11q26.11)
del(10)(q26.13q26.13)
del(11)(p15.1p15.1)
add(11)(p14.2p14.1)
del(11)(p11.2p11.2)
del(11)(q12.3q12.3)
del(11)(q13.4q13.4)
add(11)(q14.3q14.3)
del(11)(q23.3q23.3)
del(12)(p13.33p13.33)
add(12)(p12.3p12.1)
add(12)(p11.21p11.21)

$\text{del}(12)(q_{13.11}q_{13.11})$
 $\text{del}(12)(q_{13.13}q_{13.2})$
 $\text{add}(12)(q_{21.2}q_{21.32})$
 $\text{del}(12)(q_{23.3}q_{24.11})$
 $\text{del}(12)(q_{24.23}q_{24.23})$
 $\text{del}(12)(q_{24.33}q_{24.33})$
 $\text{del}(13)(q_{11}q_{11})$
 $\text{add}(13)(q_{22.3}q_{22.3})$
 $\text{add}(13)(q_{31.3}q_{31.3})$
 $\text{add}(13)(q_{33.1}q_{33.2})$
 $\text{add}(14)(q_{12}q_{12})$
 $\text{add}(14)(q_{21.2}q_{21.2})$
 $\text{add}(14)(q_{31.2}q_{31.2})$
 $\text{del}(14)(q_{32.11}q_{32.11})$
 $\text{del}(14)(q_{32.13}q_{32.2})$
 $\text{del}(15)(q_{21.3}q_{21.3})$
 $\text{del}(15)(q_{24.1}q_{25.1})$
 $\text{del}(15)(q_{26.1}q_{26.1})$
 $\text{del}(16)(p_{13.2}p_{13.2})$
 $\text{del}(16)(p_{13.11}p_{13.11})$
 $\text{del}(16)(p_{11.1}p_{11.1})$
 $\text{del}(16)(q_{22.1}q_{22.1})$
 $\text{del}(16)(q_{24.2}q_{24.2})$
 $\text{del}(17)(p_{13.3}p_{13.3})$
 $\text{del}(17)(p_{13.1}p_{13.1})$
 $\text{del}(17)(p_{11.2}p_{11.2})$
 $\text{del}(17)(q_{12}q_{21.1})$
 $\text{del}(17)(q_{21.32}q_{21.32})$
 $\text{add}(17)(q_{22}q_{22})$
 $\text{del}(17)(q_{23.1}q_{23.1})$
 $\text{add}(18)(q_{12.2}q_{12.2})$
 $\text{add}(18)(q_{22.1}q_{22.2})$
 $\text{del}(19)(p_{13.3}p_{13.2})$
 $\text{del}(19)(p_{13.11}p_{13.11})$
 $\text{del}(19)(q_{13.11}q_{13.11})$
 $\text{del}(19)(q_{13.2}q_{13.2})$

$\text{del}(19)(q_{13.32}q_{13.33})$
 $\text{del}(2)(p_{23.3}p_{23.2})$
 $\text{add}(2)(p_{16.3}p_{16.3})$
 $\text{del}(2)(p_{13.1}p_{13.1})$
 $\text{add}(2)(q_{23.3}q_{24.1})$
 $\text{add}(2)(q_{31.3}q_{32.1})$
 $\text{add}(2)(q_{34}q_{34})$
 $\text{del}(2)(q_{37.1}q_{37.1})$
 $\text{del}(2)(q_{37.3}q_{37.3})$
 $\text{del}(20)(p_{13}p_{12.3})$
 $\text{add}(20)(p_{12.1}p_{12.1})$
 $\text{del}(20)(q_{11.22}q_{11.22})$
 $\text{del}(20)(q_{13.13}q_{13.13})$
 $\text{del}(21)(q_{22.13}q_{22.13})$
 $\text{del}(21)(q_{22.3}q_{22.3})$
 $\text{del}(22)(q_{11.21}q_{11.21})$
 $\text{del}(22)(q_{12.1}q_{12.2})$
 $\text{del}(22)(q_{13.1}q_{13.31})$
 $\text{del}(3)(p_{25.2}p_{25.1})$
 $\text{add}(3)(p_{24.3}p_{24.3})$
 $\text{del}(3)(p_{14.1}p_{14.1})$
 $\text{add}(3)(p_{12.2}p_{12.2})$
 $\text{add}(3)(p_{11.2}p_{11.2})$
 $\text{add}(3)(q_{11.1}q_{11.2})$
 $\text{add}(3)(q_{13.13}q_{13.13})$
 $\text{add}(3)(q_{13.32}q_{13.32})$
 $\text{add}(3)(q_{21.1}q_{21.1})$
 $\text{del}(3)(q_{21.2}q_{21.2})$
 $\text{add}(3)(q_{24}q_{24})$
 $\text{add}(3)(q_{25.32}q_{25.32})$
 $\text{add}(3)(q_{26.32}q_{26.32})$
 $\text{del}(4)(p_{16.1}p_{16.1})$
 $\text{del}(4)(q_{12}q_{12})$
 $\text{add}(4)(q_{21.23}q_{21.23})$
 $\text{add}(4)(q_{23}q_{23})$
 $\text{add}(4)(q_{28.2}q_{28.2})$

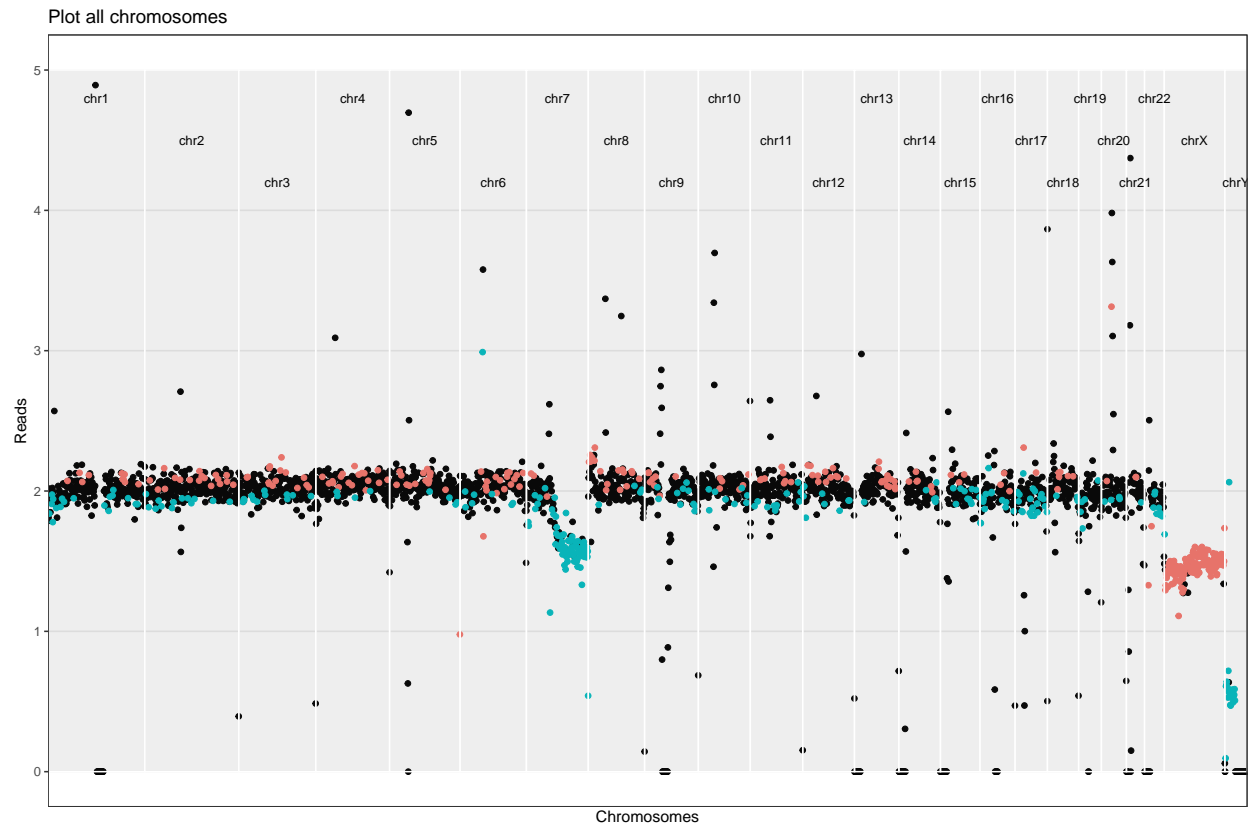
add(5)(p14.1p13.3)
add(5)(q12.3q12.3)
add(5)(q14.3q15)
add(5)(q21.2q21.3)
del(5)(q35.1q35.2)
del(6)(p23p23)
del(6)(p21.33p21.33)
del(6)(p21.31p21.2)
del(6)(p11.2p11.1)
add(6)(q12q12)
add(6)(q16.1q16.2)
add(6)(q22.1q22.1)
add(6)(q22.31q22.31)
add(6)(q22.33q22.33)
add(6)(q24.3q24.3)
add(6)(q25.2q25.2)
del(7)(p22.2p22.1)
del(7)(p15.3p15.3)
del(7)(q11.21q11.21)
del(7)(q11.23q36.3)
add(8)(p23.2p23.2)
add(8)(p22p22)
del(8)(p21.3p21.3)
del(8)(q11.23q11.23)
add(8)(q21.12q21.13)
del(8)(q24.3q24.3)
add(9)(p23p23)
add(9)(p21.2p21.2)
del(9)(q33.3q33.3)
add(X)(p22.32p11.21)
add(X)(q11.1q26.3)
add(X)(q27.2q28)
del(Y)(p11.31q11.23)

Genes from AML Guidline 2016 or cancer driver genes paper:

id	sym	bol chr	sta	rt end	abe	rration
1176	ENSG00000054118	THRAP3	chr1	36224432	36305357	del
1604	ENSG00000123080	CDKN2C	chr1	50960745	50974634	amp
2967	ENSG00000265972	TXNIP	chr1	145992435	145996600	del
4315	ENSG00000081237	PTPRC	chr1	198638457	198757476	amp
4895	ENSG00000163041	H3F3A	chr1	226061851	226072007	del
6183	ENSG00000152518	ZFP36L2	chr2	43222402	43226606	del
6626	ENSG00000169564	PCBP1	chr2	70087454	70089203	del
7505	ENSG00000153094	BCL2L1	chr2	111119378	111168445	del
8082	ENSG00000121989	ACVR2A	chr2	147844517	147930826	amp
8662	ENSG00000064933	PMS1	chr2	189784085	189877629	amp
9038	ENSG00000178568	ERBB4	chr2	211375717	212538841	amp
10180	ENSG00000172936	MYD88	chr3	38138478	38143022	del
10405	ENSG00000181555	SETD2	chr3	47016429	47163967	del
11444	ENSG00000051341	POLQ	chr3	121431427	121546641	amp
13641	ENSG00000134853	PDGFRA	chr4	54229280	54298245	del
13646	ENSG00000157404	KIT	chr4	54657918	54740715	del
16825	ENSG00000145715	RASA1	chr5	87267888	87391931	amp
19285	ENSG00000234745	HLA-B	chr6	31269491	31357188	del
19585	ENSG00000124762	CDKN1A	chr6	36676460	36687339	del
21681	ENSG00000122512	PMS2	chr7	5970925	6009106	del
21696	ENSG00000136238	RAC1	chr7	6374527	6403967	del
23074	ENSG00000019991	HGF	chr7	81699010	81770438	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
29781	ENSG00000147889	CDKN2A	chr9	21967753	21995301	amp
30060	ENSG00000196092	PAX5	chr9	36833269	37034268	del
31516	ENSG00000097007	ABL1	chr9	130713946	130887675	del
33487	ENSG00000168066	SF1	chr11	64764606	64778786	del
33490	ENSG00000133895	MEN1	chr11	64803510	64811294	del
35859	ENSG00000165731	RET	chr10	43077069	43130351	del
36150	ENSG00000150347	ARID5B	chr10	61901684	62096944	amp
37122	ENSG00000148737	TCF7L2	chr10	112950247	113167678	del
37379	ENSG00000170430	MGMT	chr10	129467190	129770983	amp
38141	ENSG00000133703	KRAS	chr12	25204789	25250936	amp
38922	ENSG00000065361	ERBB3	chr12	56076799	56103505	del
39959	ENSG00000179295	PTPN11	chr12	112418351	112509913	amp
40154	ENSG00000135100	HNF1A	chr12	120978543	121002512	del
41388	ENSG00000276644	DACH1	chr13	71437966	71867204	amp
43627	ENSG00000100697	DICER1	chr14	95086228	95158010	del
46622	ENSG00000103197	TSC2	chr16	2047967	2089491	del
48288	ENSG00000067955	CBFB	chr16	67028984	67101058	del
48327	ENSG00000102974	CTCF	chr16	67562467	67639177	del
50479	ENSG00000167258	CDK12	chr17	39461486	39564907	del
50489	ENSG00000141736	ERBB2	chr17	39687914	39730426	del
50883	ENSG00000120071	KANSL1	chr17	46029916	46225389	del

id	sym	bol chr	sta	rt end	abe	rration
51040	ENSG00000121067	SPOP	chr17	49598884	49678163	del
51230	ENSG00000108375	RNF43	chr17	58352500	58417595	del
51550	ENSG00000108946	PRKAR1A	chr17	68511780	68551319	del
52042	ENSG00000141579	ZNF750	chr17	82829434	82840022	del
55320	ENSG00000079999	KEAP1	chr19	10486125	10503558	del
55345	ENSG00000127616	SMARCA4	chr19	10960825	11079426	del
58779	ENSG00000099956	SMARCB1	chr22	23786931	23838008	del
59365	ENSG00000100393	EP300	chr22	41092592	41180077	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
250291	ENSG00000183337	BCOR	chrX	40049815	40177329	amp
250501	ENSG00000124486	USP9X	chrX	41085445	41236579	amp
250551	ENSG00000215301	DDX3X	chrX	41333284	41364472	amp
251001	ENSG00000147050	KDM6A	chrX	44873177	45112602	amp
251431	ENSG00000182872	RBM10	chrX	47145221	47186813	amp
251601	ENSG00000078061	ARAF	chrX	47561100	47571920	amp
253891	ENSG00000126012	KDM5C	chrX	53191321	53225422	amp
253981	ENSG00000072501	SMC1A	chrX	53374149	53422728	amp
254051	ENSG00000086758	HUWE1	chrX	53532096	53686728	amp
255391	ENSG00000169083	AR	chrX	67544021	67730619	amp
256071	ENSG00000184634	MED12	chrX	71118556	71142454	amp
256111	ENSG00000147130	ZMYM3	chrX	71239624	71255146	amp
256161	ENSG00000147133	TAF1	chrX	71366239	71532374	amp
257591	ENSG00000085224	ATRX	chrX	77504878	77786233	amp
259151	ENSG00000147202	DIAPH2	chrX	96684663	97604997	amp
262571	ENSG00000174460	ZCCHC12	chrX	118823824	118826968	amp
263741	ENSG00000101972	STAG2	chrX	123960212	124422664	amp
264151	ENSG00000102038	SMARCA1	chrX	129446501	129523500	amp
265031	ENSG00000156531	PHF6	chrX	134373253	134428791	amp
268991	ENSG00000196924	FLNA	chrX	154348524	154374638	amp

All genome:



All chromosomes:

