

Report coriandR

Koch V.

17 November, 2020

[1] "Patient 119706.15p"

| | |
|---------------------|------------|
| unique_reads | 4965944 |
| average_length | 145.406 |
| unique_mapped_reads | 9737542 |
| patient ID | 119706.15p |
| gender | M |

Karyotype:

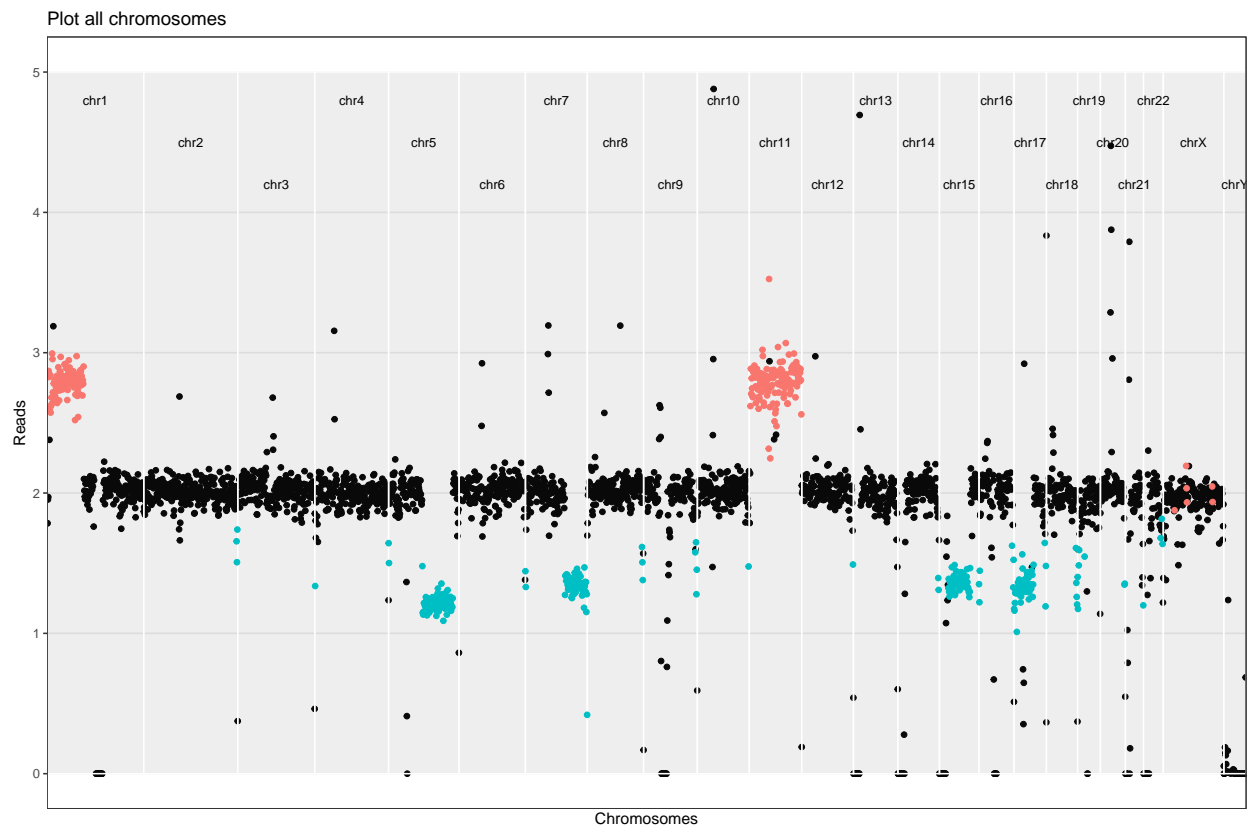
add(1)(p36.31p22.1)
del(10)(q26.3q26.3)
add(11)(p15.4q25)
del(12)(q24.33q24.33)
del(14)(q32.33q32.33)
del(15)(q12q25.1)
del(16)(p13.3p13.3)
del(16)(q24.2q24.3)
del(17)(p13.3p11.1)
del(17)(q11.2q21.33)
del(17)(q25.3q25.3)
del(18)(q23q23)
del(19)(p13.3p13.3)
del(2)(q37.3q37.3)
del(21)(q22.3q22.3)
del(22)(q13.31q13.31)
del(22)(q13.33q13.33)
del(4)(p16.3p16.3)
del(5)(p15.33p15.33)
del(5)(q14.3q34)
del(7)(p22.3p22.3)
del(7)(q22.1q36.3)
del(8)(q24.3q24.3)
del(9)(q34.12q34.12)
del(9)(q34.2q34.3)

Genes from AML Guidline 2016 or cancer driver genes paper:

| id | sym | bol chr | sta | rt end | abe | rration |
|-------|-----------------|---------|-------|-----------|-----------|---------|
| 381 | ENSG00000198793 | MTOR | chr1 | 11106535 | 11262507 | amp |
| 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 |
| 9614 | ENSG00000130294 | KIF1A | chr2 | 240713761 | 240821036 | del |
| 12922 | ENSG00000068078 | FGFR3 | chr4 | 1793293 | 1808872 | del |
| 15551 | ENSG00000164362 | TERT | chr5 | 1253147 | 1295047 | del |
| 16825 | ENSG00000145715 | RASA1 | chr5 | 87267888 | 87391931 | 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 |

| id | sym | bol chr | sta | rt end | abe | rration |
|-------|-----------------|---------|-------|----------|----------|---------|
| 49580 | ENSG00000141027 | NCOR1 | chr17 | 16029157 | 16218185 | del |
| 50158 | ENSG00000196712 | NF1 | chr17 | 31094927 | 31382116 | del |
| 50479 | ENSG00000167258 | CDK12 | chr17 | 39461486 | 39564907 | del |
| 50489 | ENSG00000141736 | ERBB2 | chr17 | 39687914 | 39730426 | del |
| 50518 | ENSG00000131759 | RARA | chr17 | 40309180 | 40357643 | del |
| 50539 | ENSG00000213424 | KRT222 | chr17 | 40654665 | 40665181 | del |
| 50718 | ENSG00000012048 | BRCA1 | chr17 | 43044295 | 43170245 | del |
| 51040 | ENSG00000121067 | SPOP | chr17 | 49598884 | 49678163 | del |
| 52042 | ENSG00000141579 | ZNF750 | chr17 | 82829434 | 82840022 | del |
| 54791 | ENSG00000099821 | POLRMT | chr19 | 617221 | 633537 | del |
| 54831 | ENSG00000118046 | STK11 | chr19 | 1177558 | 1228435 | del |
| 54850 | ENSG00000071626 | DAZAP1 | chr19 | 1407569 | 1435687 | del |
| 54949 | ENSG00000088256 | GNA11 | chr19 | 3094362 | 3123999 | del |
| 54995 | ENSG00000167658 | EEF2 | chr19 | 3976056 | 3985463 | del |
| 55002 | ENSG00000060566 | CREB3L3 | chr19 | 4153631 | 4173054 | del |
| 55762 | ENSG00000105647 | PIK3R2 | chr19 | 18153163 | 18170532 | del |

All genome:



All chromosomes:

