

Additional File 3

CHIP whitelist mutations identified and confirmed in the validation cohort.

Listed are 93 CHIP whitelist mutations identified in 88 persons of the KGP Phase III cohort (N = 2,504 unrelated individuals). CHIP mutations identified as per the criteria used in Jaiswal et al.¹ Each CHIP variant has been manually reviewed independently by two researchers, by Integrative Genomics Viewer with reads support (related to **Table S6**).

Table of Contents

1. ASXL2.....	5
1.1. chr2_25878221_A/C.....	5
2. BRCC3.....	6
2.1. chrX_155089261_A/G.....	6
3. CBL.....	7
3.1. chr11_119299623_C/T.....	7
3.2. chr11_119285321_C/T.....	8
4. CBLB.....	9
4.1. chr3_105704053_G/A.....	9
5. CTCF.....	10
5.1. chr16_67636812_C/T.....	10
5.2. chr16_67610835_G/A.....	11
6. DNMT3A.....	12
6.1. chr2_25245286_GGGGTGTTCCA/-.....	12
6.2. chr2_25240378_C/T.....	13
6.3. chr2_25241675_C/T.....	14
6.4. chr2_25246764_G/A.....	15
6.5. chr2_25247647_G/A.....	16
6.6. chr2_25247629_G/A.....	17
6.7. chr2_25240718_C/T.....	18
6.8. chr2_25234297_-/CT.....	19
6.9. chr2_25240315_G/A.....	20
6.10. chr2_25244214_G/A.....	21
6.11. chr2_25244608_G/C.....	22
6.12. chr2_25236968_G/A.....	23
6.13. chr2_25234367_G/A.....	24
6.14. chr2_25240429_AAG/-.....	25
6.15. chr2_25240700_T/A.....	26
6.16. chr2_25244654_T/G.....	27
6.17. chr2_25245276_C/A.....	28
6.18. chr2_25247160_T/C.....	29
6.19. chr2_25241617_C/T.....	30
7. GNA13.....	31
7.1. chr17_65014600_C/T.....	31
8. KMT2A.....	32
8.1. chr11_118436806_A/-.....	32
9. KMT2D.....	33
9.1. chr12_49037395_G/A.....	33
9.2. chr12_49037173_G/A.....	34

9.3. chr12_49041148_G/A.....	35
9.4. chr12_49053302_T/A.....	36
9.5. chr12_49039611_G/A.....	37
9.6. chr12_49052175_AG/-.....	38
10. <i>MPL</i>	39
10.1. chr1_43352251_A/T.....	39
11. <i>NF1</i>	40
11.1. chr17_31226460_-/C.....	40
11.2. chr17_31338743_AGTC A/-.....	41
11.3. chr17_31343098_-/T.....	42
12. <i>NRAS</i>	43
12.1. chr1_114716126_C/T.....	43
13. <i>PHF6</i>	44
13.1. chrX_134378107_G/A.....	44
14. <i>PPM1D</i>	45
14.1. chr17_60663270_T/-.....	45
14.2. chr17_60663320_-/C.....	46
14.3. chr17_60663313_G/T.....	47
14.4. chr17_60662995_T/A.....	48
14.5. chr17_60663106_C/T.....	49
15. <i>PRPF40B</i>	50
15.1. chr12_49643754_T/G.....	50
16. <i>PTEN</i>	51
16.1. chr10_87933035_C/A.....	51
17. <i>RAD21</i>	52
17.1. chr8_116850698_G/A.....	52
18. <i>RUNX1</i>	53
18.1. chr21_34834466_-/GG.....	53
19. <i>SETD2</i>	54
19.1. chr3_47123018_G/A.....	54
19.2. chr3_47124063_-/A.....	55
19.3. chr3_47122588_A/T.....	56
19.4. chr3_47113999_G/-.....	57
19.5. chr3_47120294_AGGGCCCAACCAGTGCTGAACCT/-.....	58
19.6. chr3_47123534_G/A.....	59
19.7. chr3_47113934_C/A.....	60
19.8. chr3_47062227_G/A.....	61
19.9. chr3_47101520_-/A.....	62
19.10. chr3_47122102_G/C.....	63
19.11. chr3_47056886_G/A.....	64
19.12. chr3_47121944_AG/-.....	65

19.13. chr3_47120398_CTCT/-	66
20. <i>SETDB1</i>	67
20.1. chr1_150945053_G/A.....	67
21. <i>STAG2</i>	68
21.1. chrX_124071271_C/-.....	68
21.2. chrX_124066217_C/A	69
22. <i>TET2</i>	70
22.1. chr4_105275340_T/-	70
22.2. chr4_105276118_T/C	71
22.3. chr4_105269676_G/T	72
22.4. chr4_105234521_T/-	73
22.5. chr4_105236859_-/TG.....	74
22.6. chr4_105275548_C/T	75
22.7. chr4_105241383_-/G	76
22.8. chr4_105234442_C/G	77
22.9. chr4_105241421_G/A.....	78
22.10. chr4_105259617_A/G.....	79
22.11. chr4_105236813_-/A	80
22.12. chr4_105276106_C/T	81
22.13. chr4_105235265_-/T	82
22.14. chr4_105269640_C/T	83
22.15. chr4_105276152_A/G.....	84
22.16. chr4_105272774_C/T	85
22.17. chr4_105243739_-/A	86
22.18. chr4_105235590_C/T	87
22.19. chr4_105234536_A/-	88
22.20. chr4_105237346_G/A.....	89
22.21. chr4_105259675_T/G.....	90
22.22. chr4_105242911_G/A.....	91
22.23. chr4_105241429_G/T	92
23. <i>TP53</i>	93
23.1. chr17_7675229_GGGGAGTACTGTAGGAAGAGGAAGGAGACAGAGTT/-.....	93
23.2. chr17_7674252_C/T	94
24. <i>WT1</i>	95
24.1. chr11_32428050_G/A.....	95
24.2. chr11_32396377_-/GACC	96
24.3. chr11_32396374_G/-	97

1. ASXL2

1.1. chr2_25878221_A/C

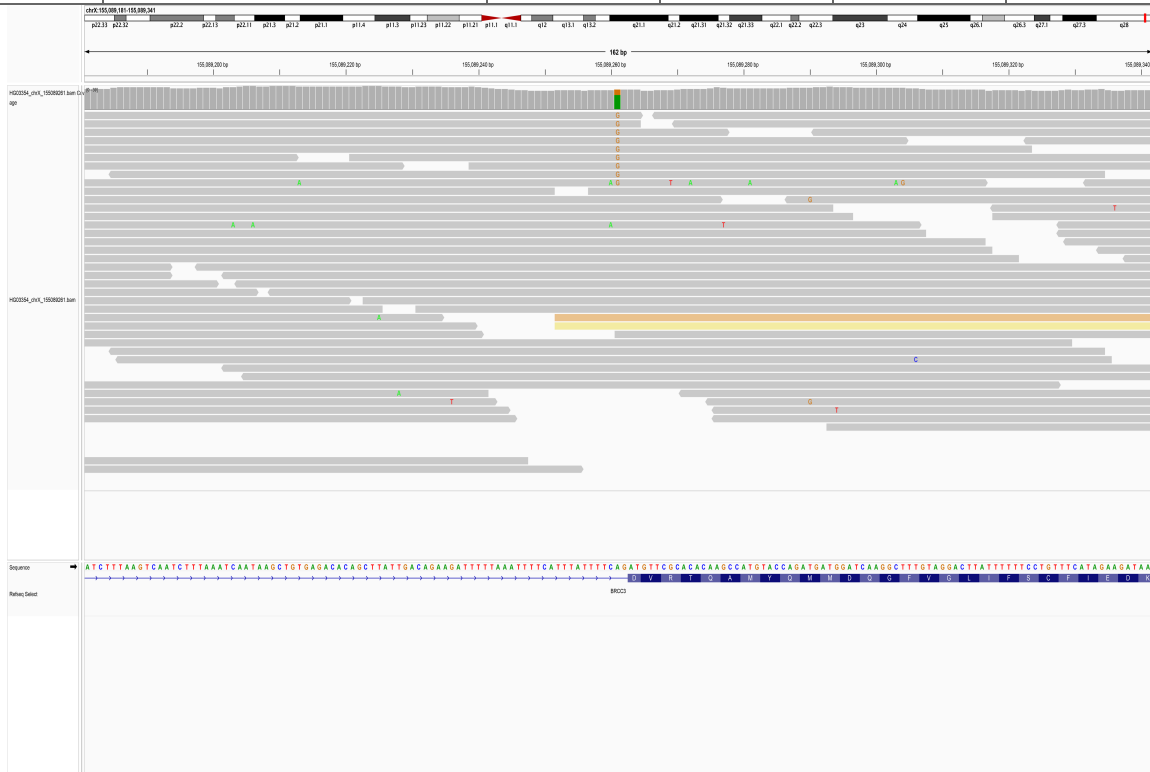
SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA19004	chr2_25878221_A/C	48	6	ASXL2	start_lost



2. BRCC3

2.1. chrX_155089261_A/G

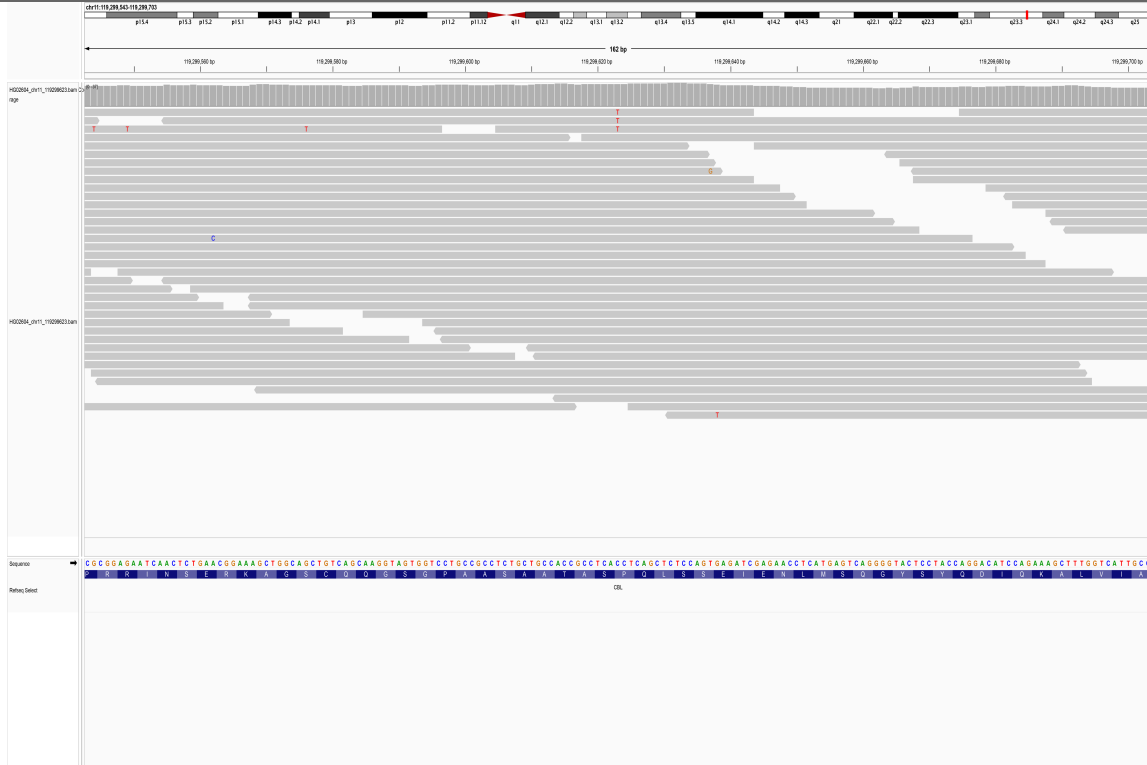
SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG03354	chrX_155089261_A/G	21	8	BRCC3	splice_acceptor_varia nt



3. CBL

3.1. chr11_119299623_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG02604	chr11_119299623_C/T	32	3	CBL	missense_variant



3.2. chr11_119285321_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG04018	chr11_119285321_C/T	22	5	<i>CBL</i>	missense_variant



4. CBLB

4.1. chr3_105704053_G/A

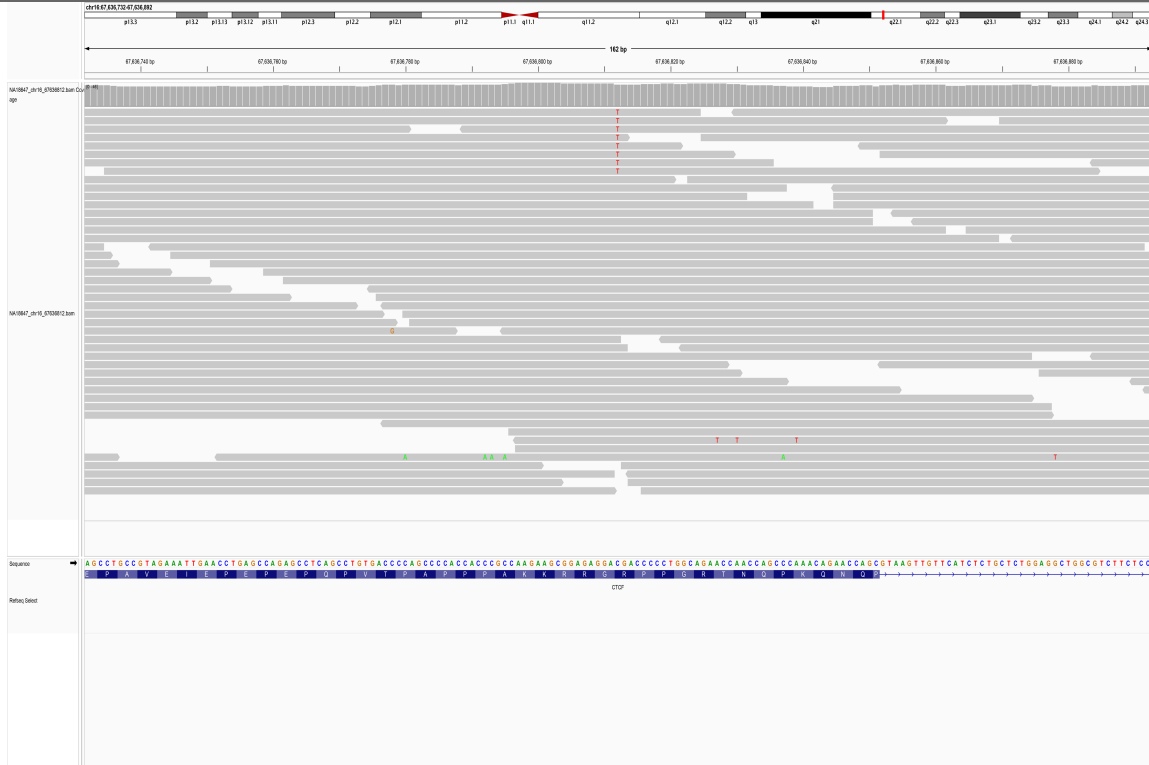
SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA20768	chr3_105704053_G/A	30	8	CBLB	missense_variant



5. CTCF

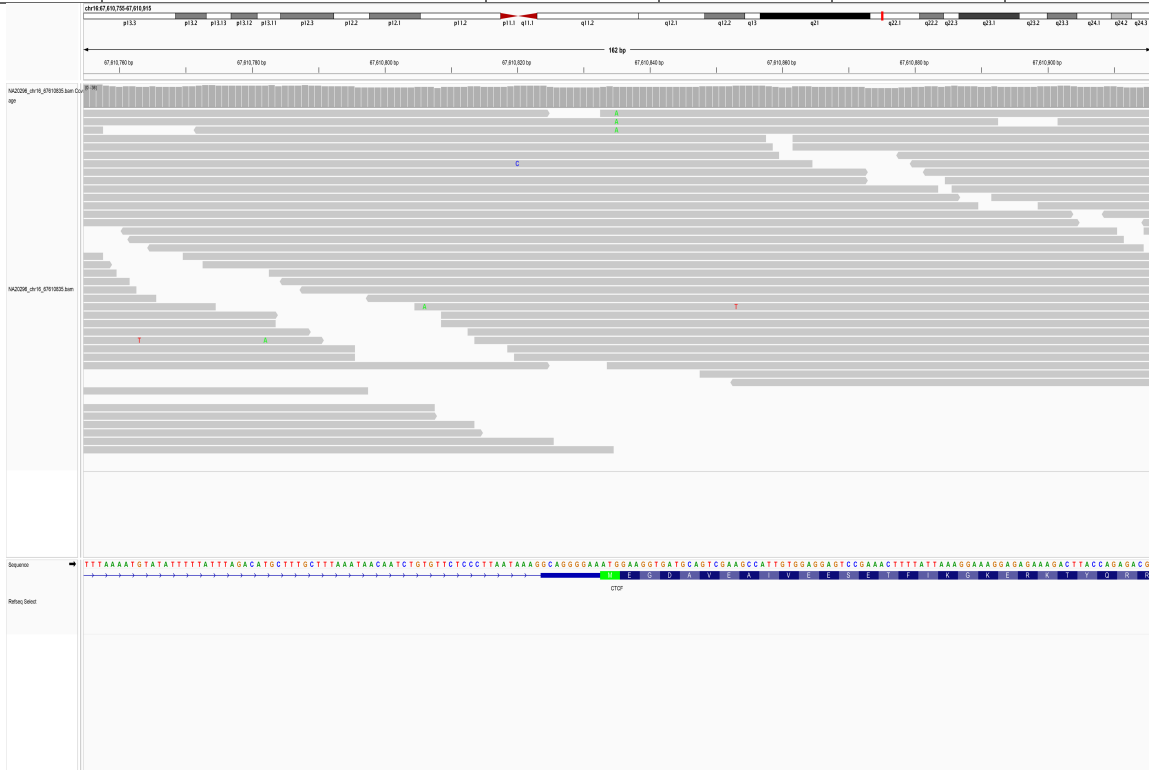
5.1. chr16_67636812_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA18647	chr16_67636812_C/T	32	8	CTCF	stop_gained



5.2. chr16_67610835_G/A

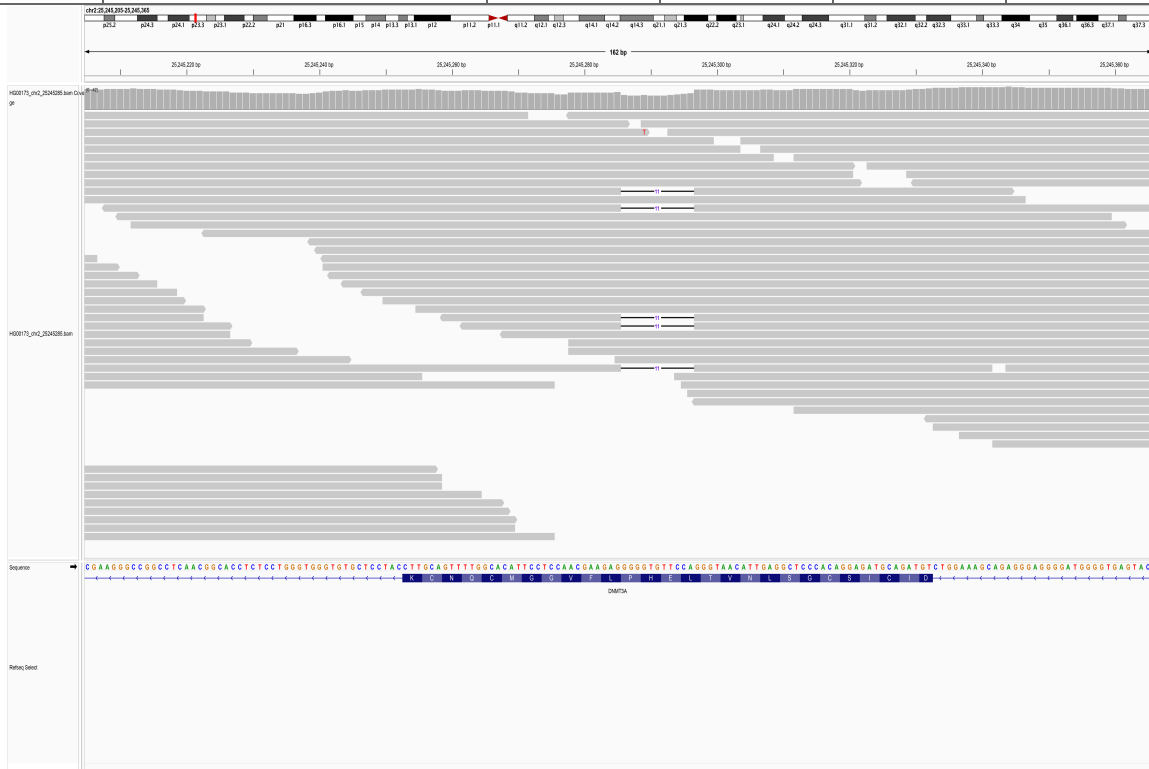
SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA20296	chr16_67610835_G/A	28	3	CTCF	start_lost



6. DNMT3A

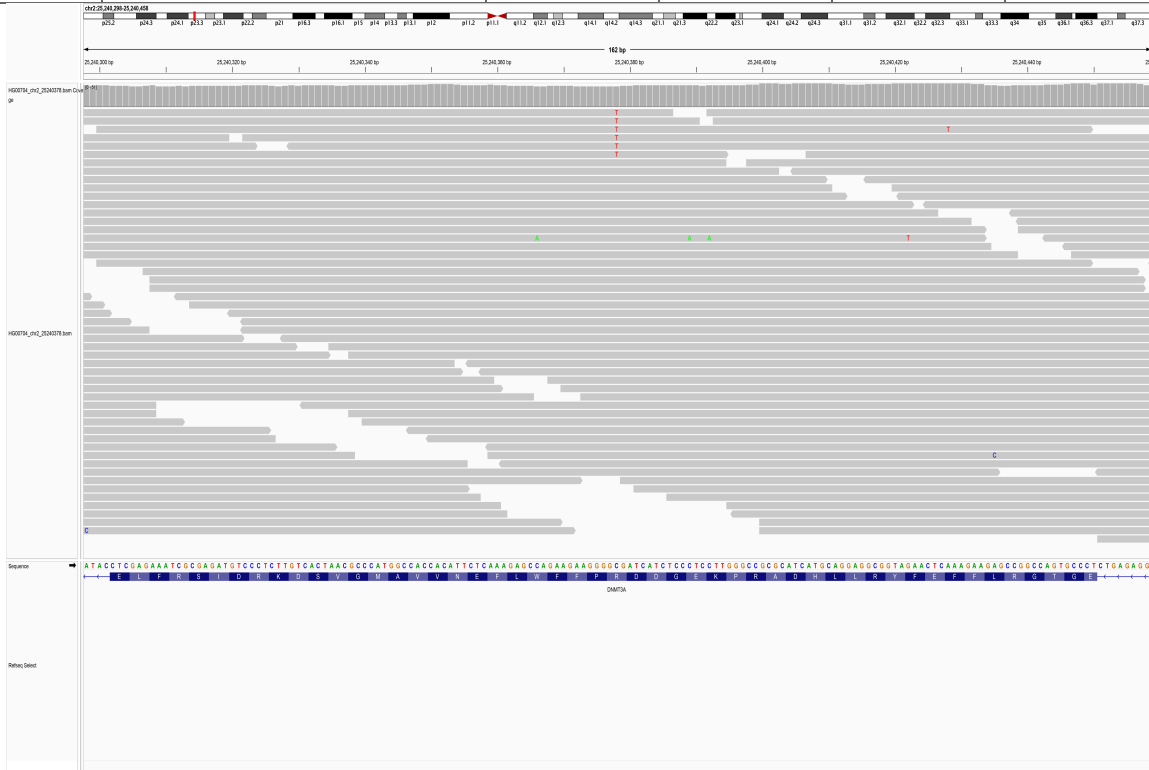
6.1. chr2_25245286_GGGGTGTTCCA/-

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG00173	chr2_25245286_GGGGTGT TCCA/-	29	7	DNMT3A	frameshift_variant



6.2. chr2_25240378_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG00704	chr2_25240378_C/T	37	6	DNMT3A	missense_variant



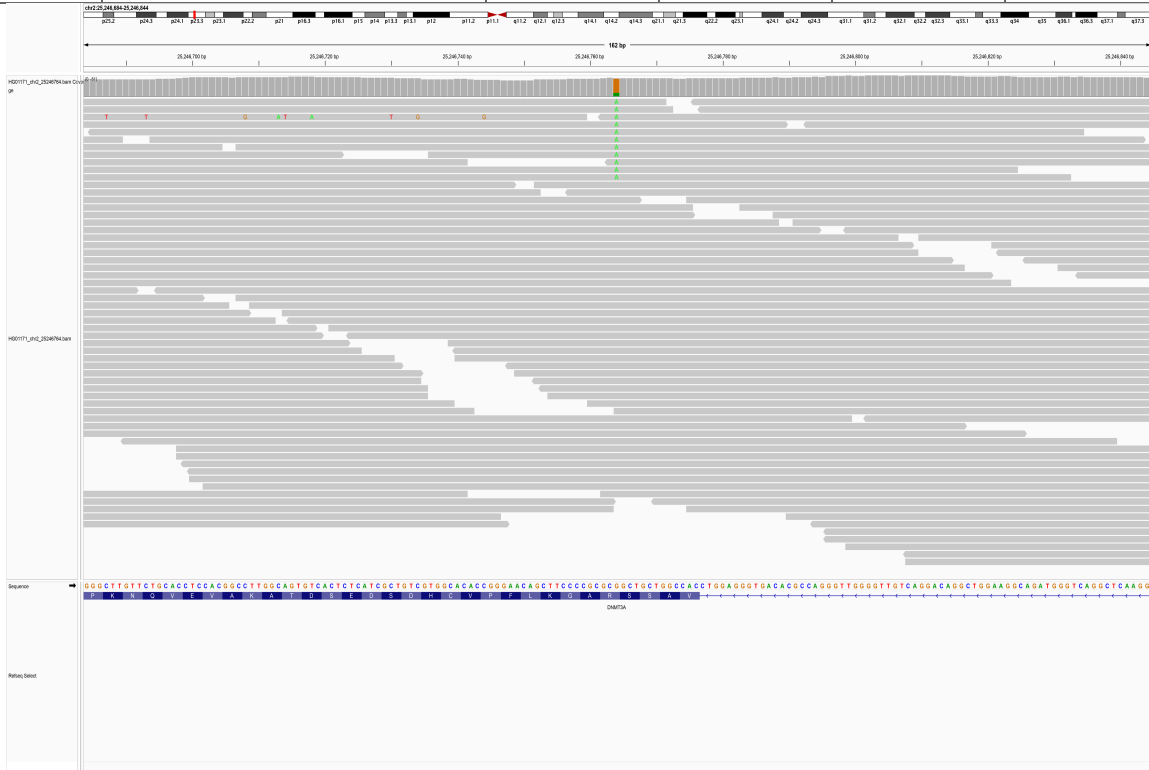
6.3. chr2_25241675_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01080	chr2_25241675_C/T	29	6	DNMT3A	missense_variant



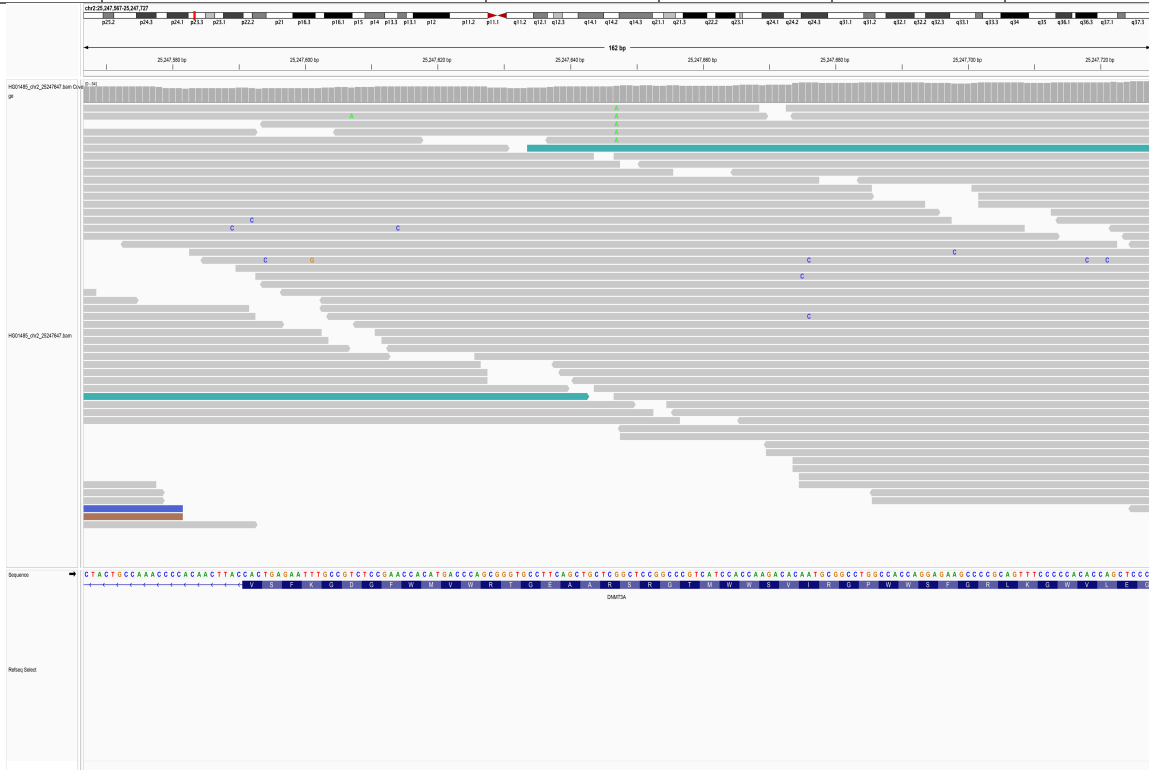
6.4. chr2_25246764_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01171	chr2_25246764_G/A	42	11	DNMT3A	missense_variant



6.5. chr2_25247647_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01485	chr2_25247647_G/A	35	5	DNMT3A	stop_gained



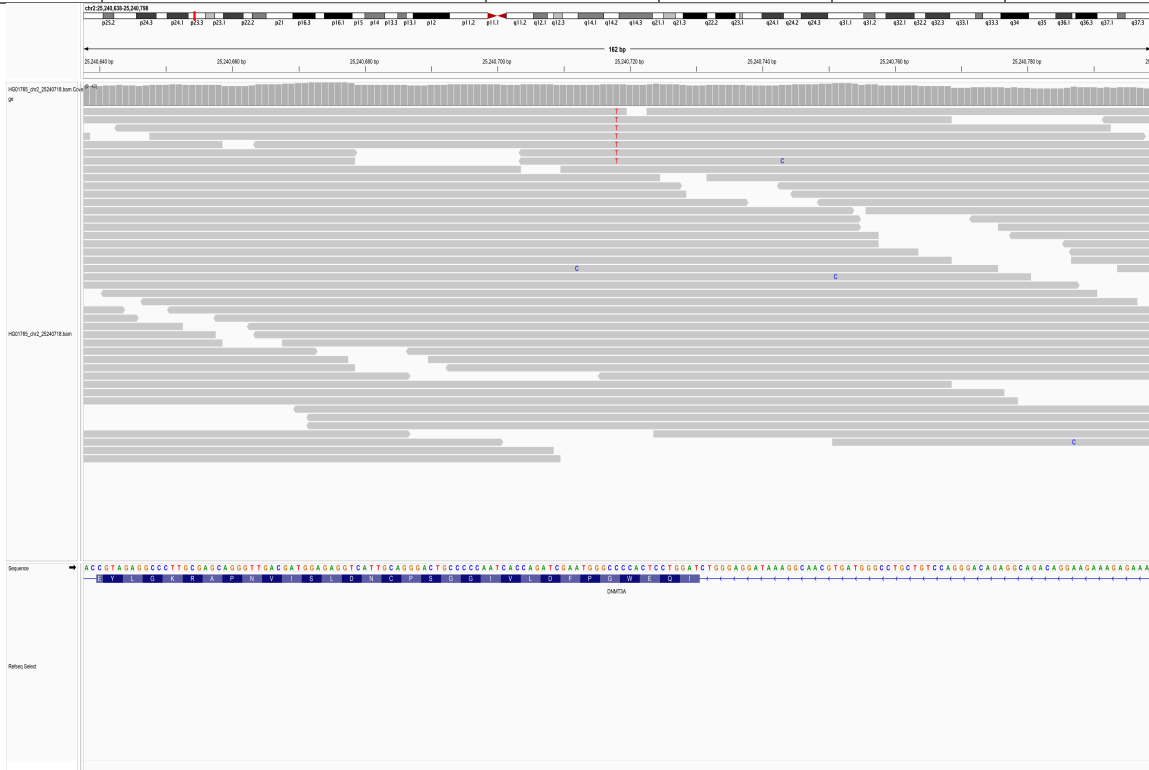
6.6. chr2_25247629_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01537	chr2_25247629_G/A	37	3	DNMT3A	missense_variant



6.7. chr2_25240718_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01765	chr2_25240718_C/T	32	7	DNMT3A	missense_variant



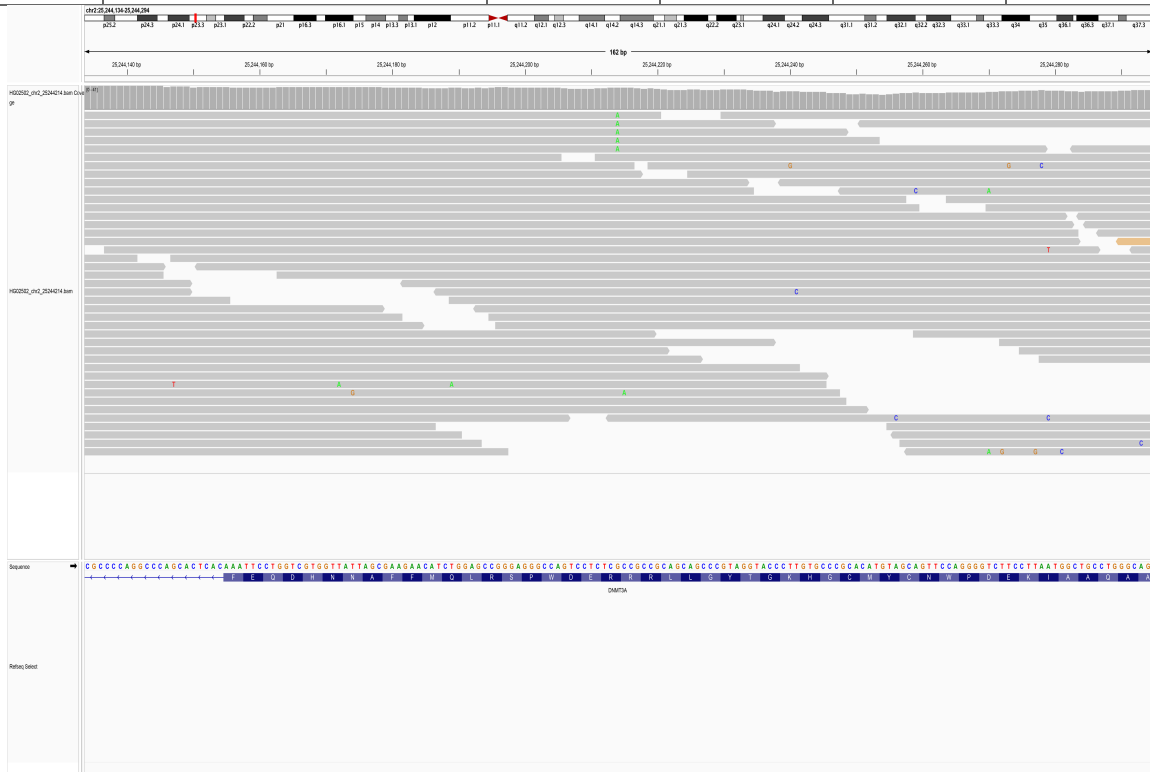
6.9. chr2_25240315_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG02025	chr2_25240315_G/A	39	10	DNMT3A	missense_variant



6.10. chr2_25244214_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG02502	chr2_25244214_G/A	32	5	DNMT3A	stop_gained



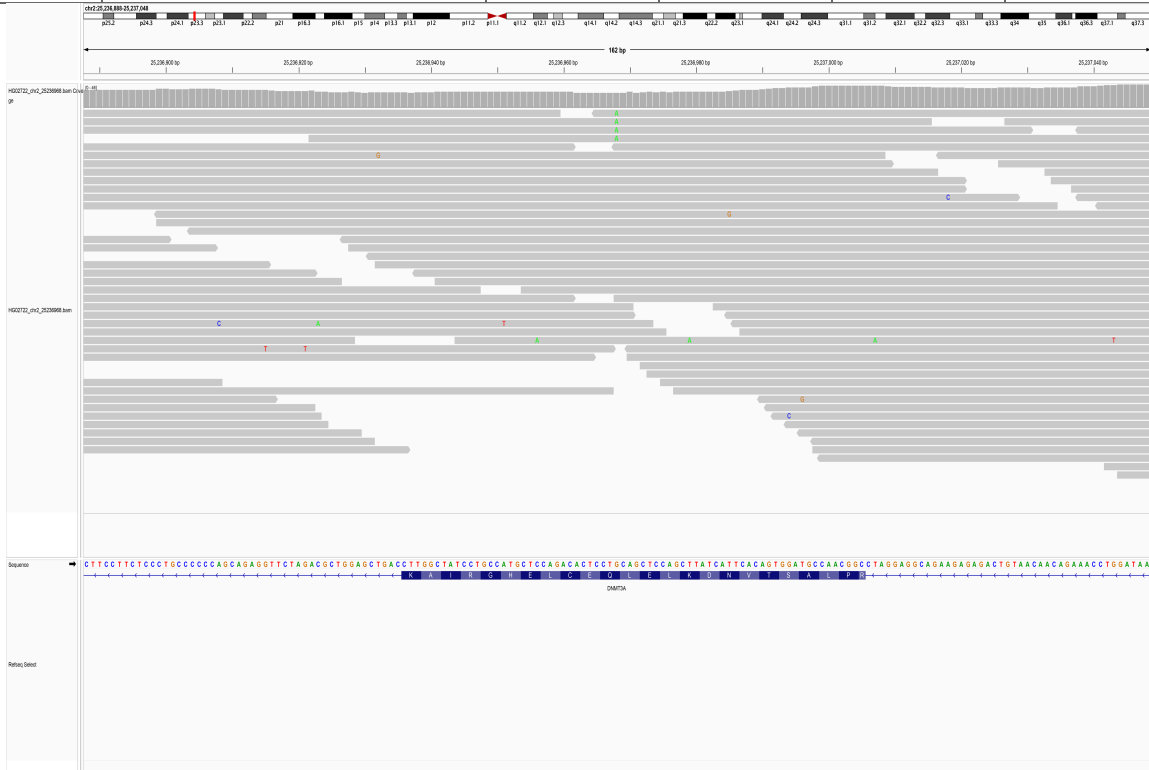
6.11. chr2_25244608_G/C

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG02604	chr2_25244608_G/C	35	5	DNMT3A	stop_gained



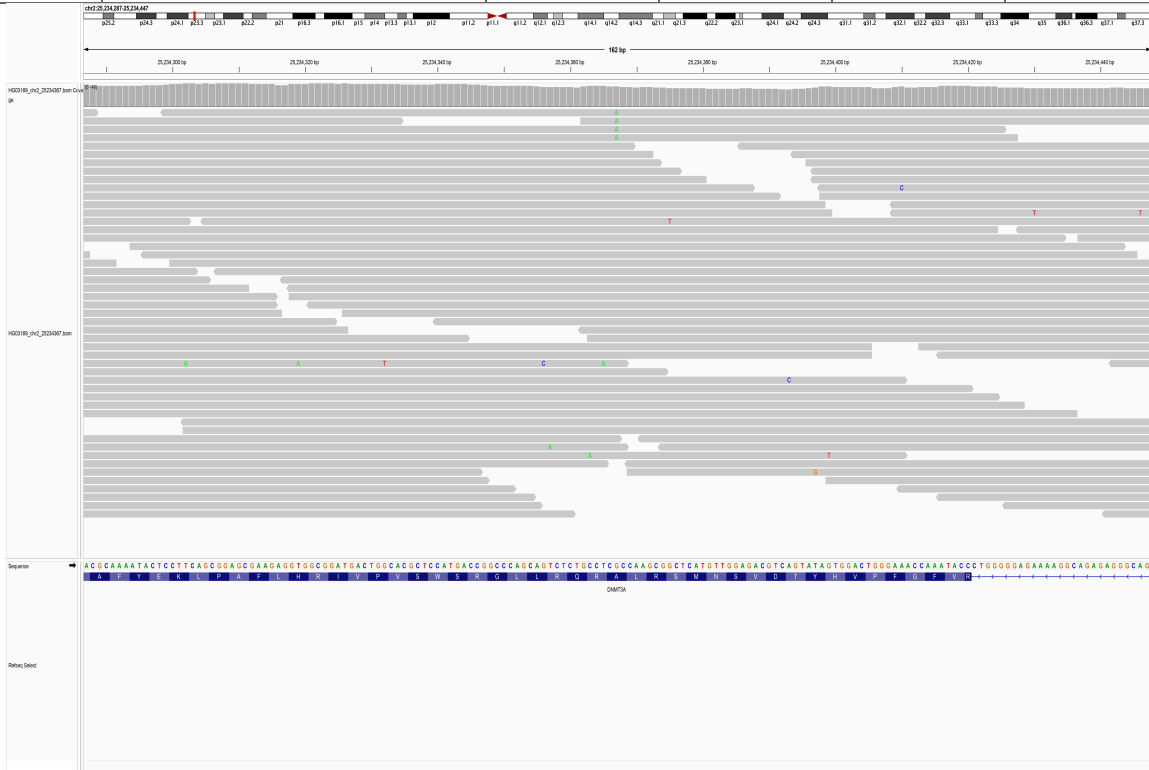
6.12. chr2_25236968_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG02722	chr2_25236968_G/A	23	4	DNMT3A	stop_gained



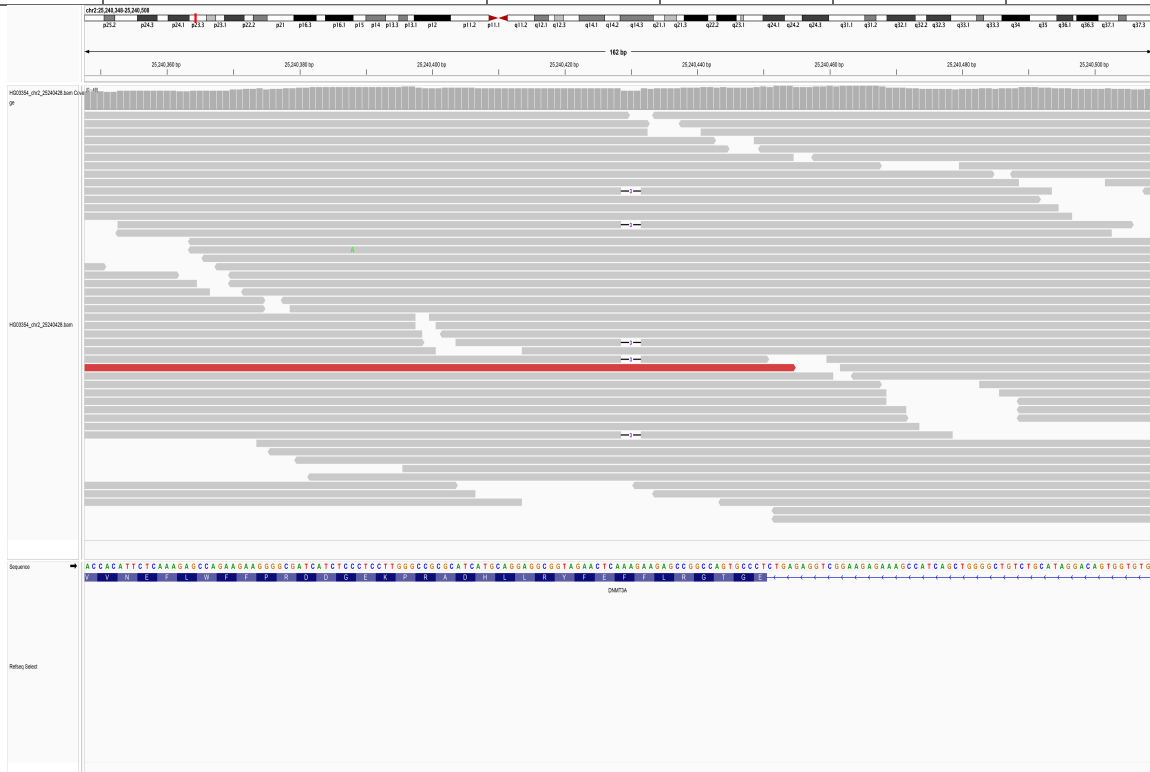
6.13. chr2_25234367_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG03169	chr2_25234367_G/A	37	4	DNMT3A	missense_variant



6.14. chr2_25240429_AAG/-

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG03354	chr2_25240429_AAG/-	37	6	DNMT3A	inframe_deletion



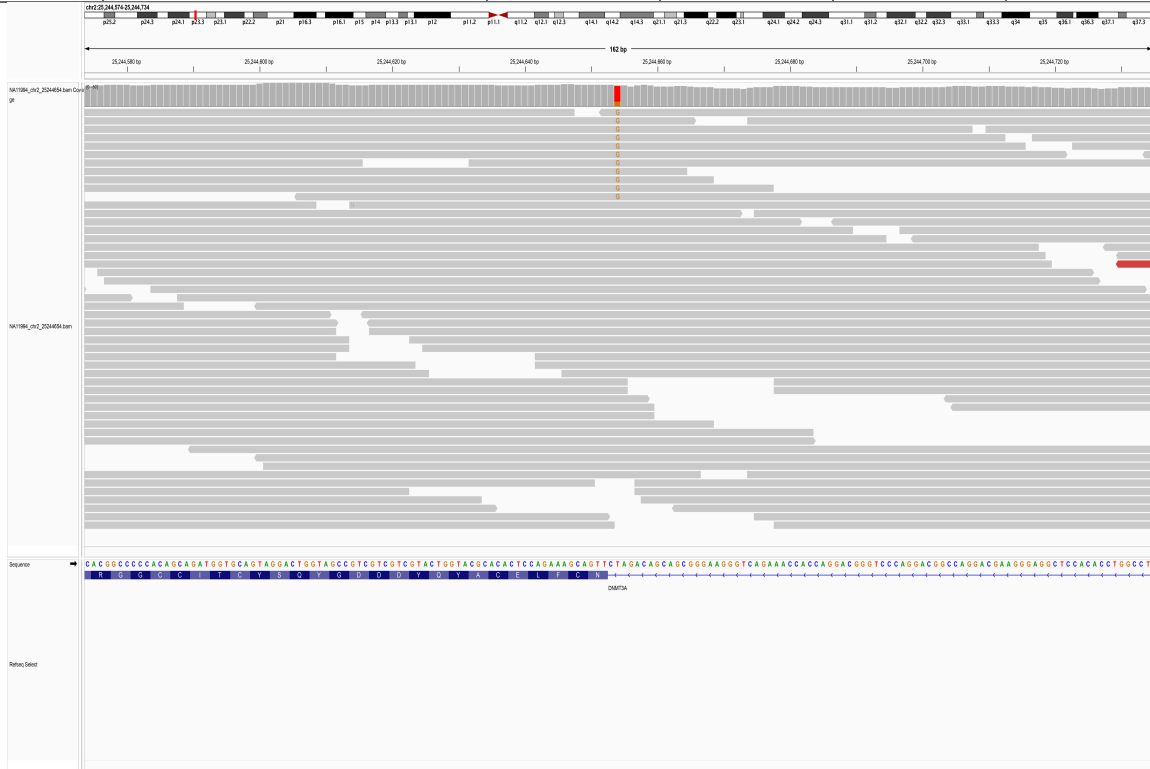
6.15. chr2_25240700_T/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG03899	chr2_25240700_T/A	41	8	DNMT3A	missense_variant



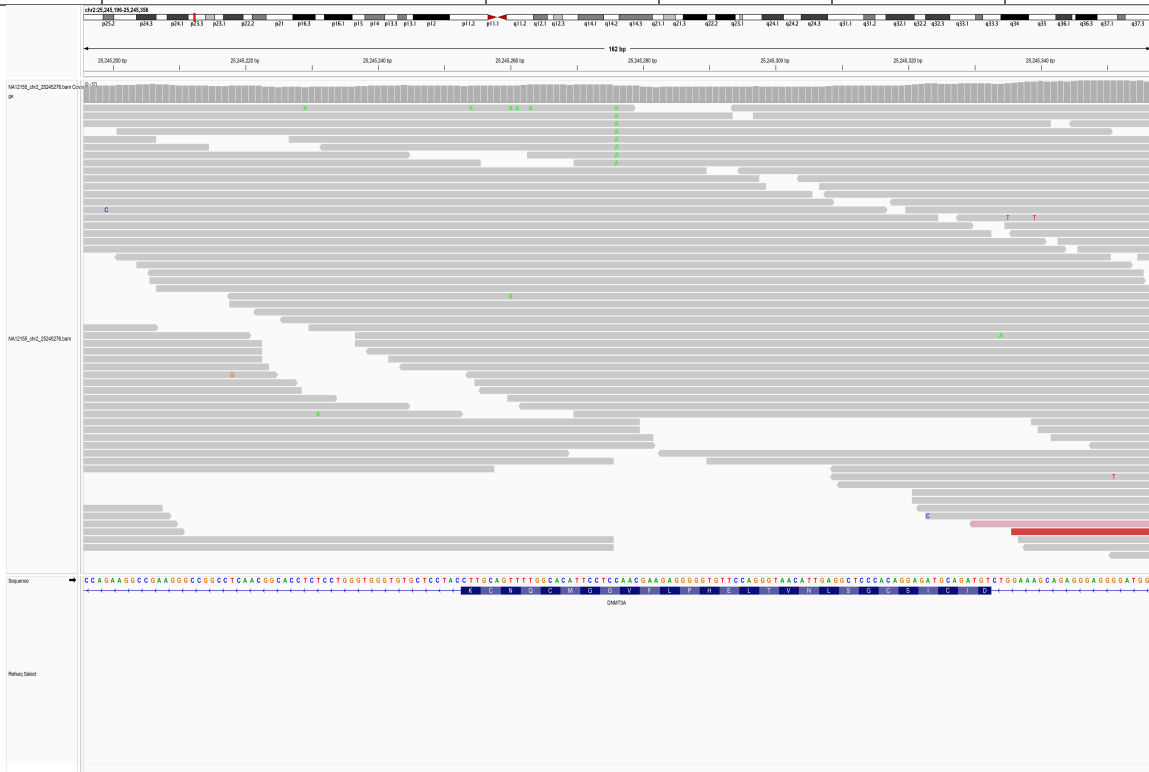
6.16. chr2_25244654_T/G

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA11994	chr2_25244654_T/G	33	11	DNMT3A	splice_acceptor_variant



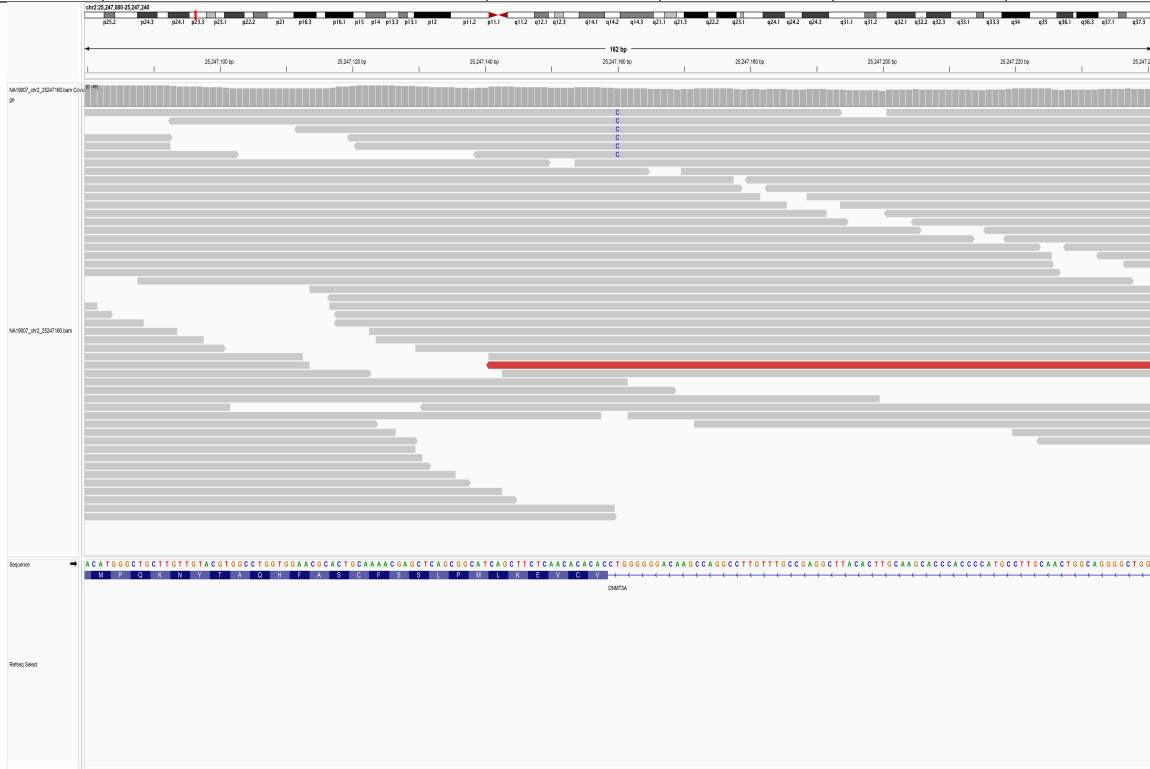
6.17. chr2_25245276_C/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA12155	chr2_25245276_C/A	36	7	DNMT3A	stop_gained



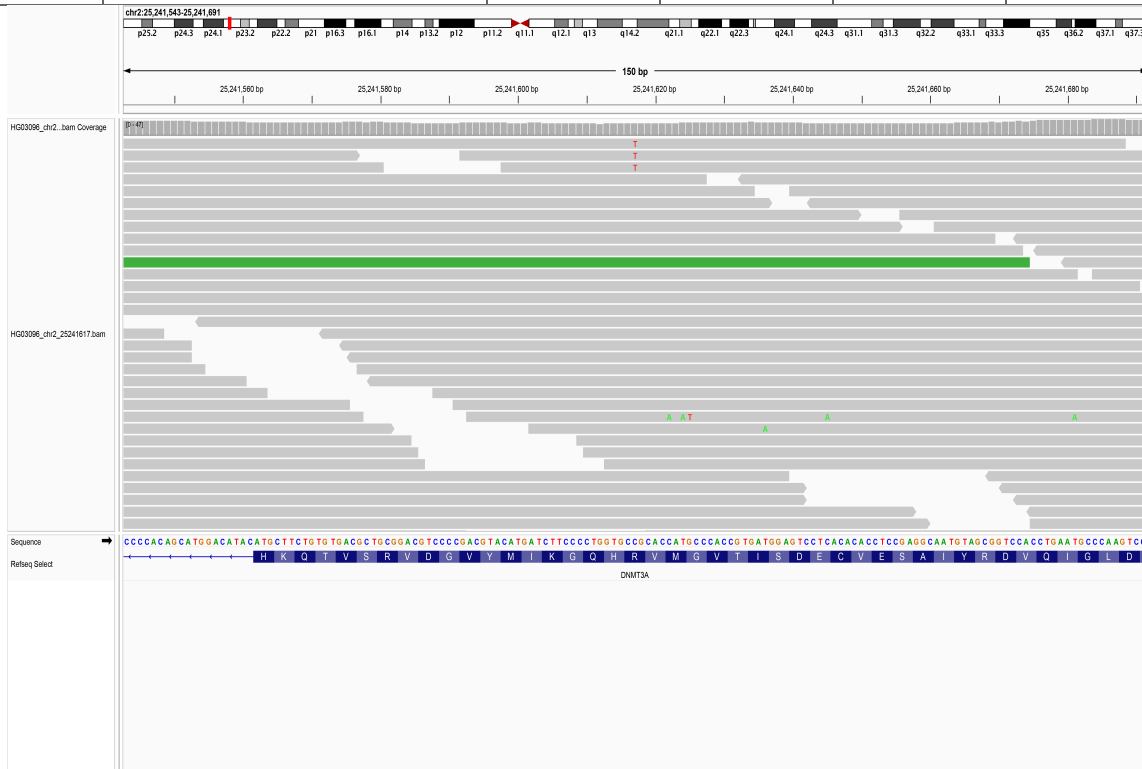
6.18. chr2_25247160_T/C

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA19007	chr2_25247160_T/C	30	6	DNMT3A	splice_acceptor_variant



6.19. chr2_25241617_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG03096	chr2_25241617_C/T	29	3	DNMT3A	missense_variant



7. GNA13

7.1. chr17_65014600_C/T

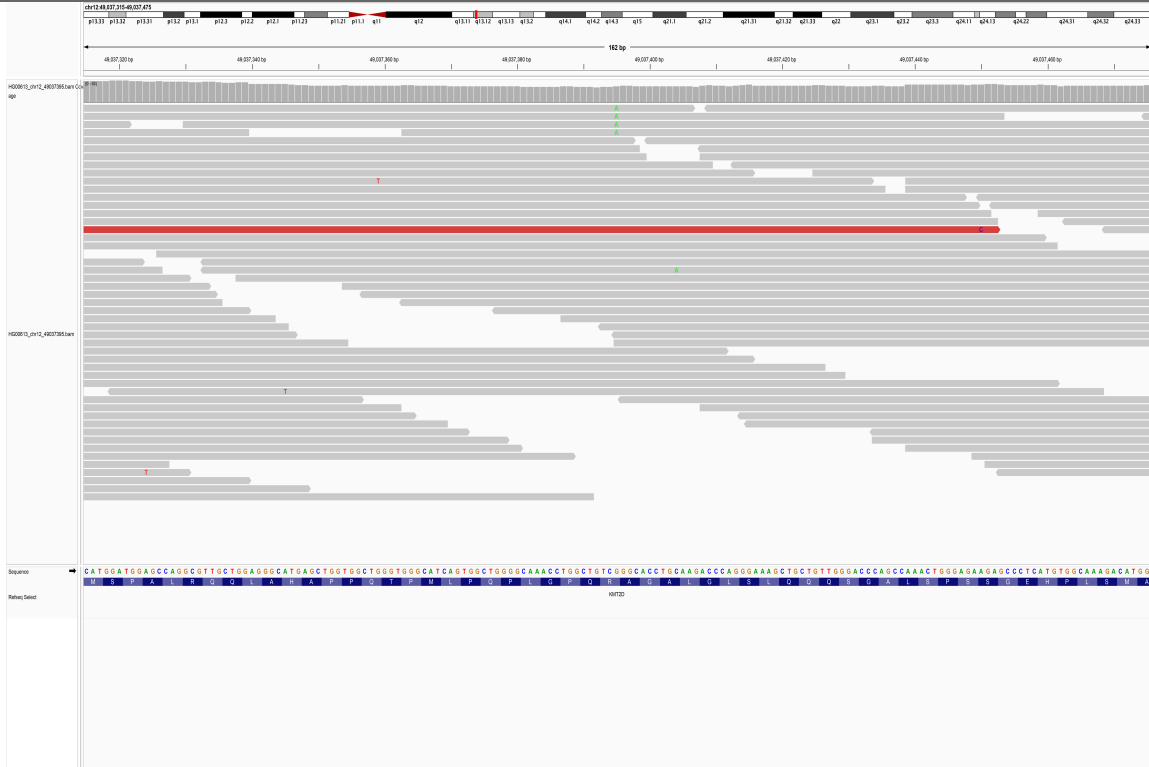
SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG00736	chr17_65014600_C/T	27	4	GNA13	missense_variant



9. KMT2D

9.1. chr12_49037395_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG00613	chr12_49037395_G/A	31	4	<i>KMT2D</i>	stop_gained



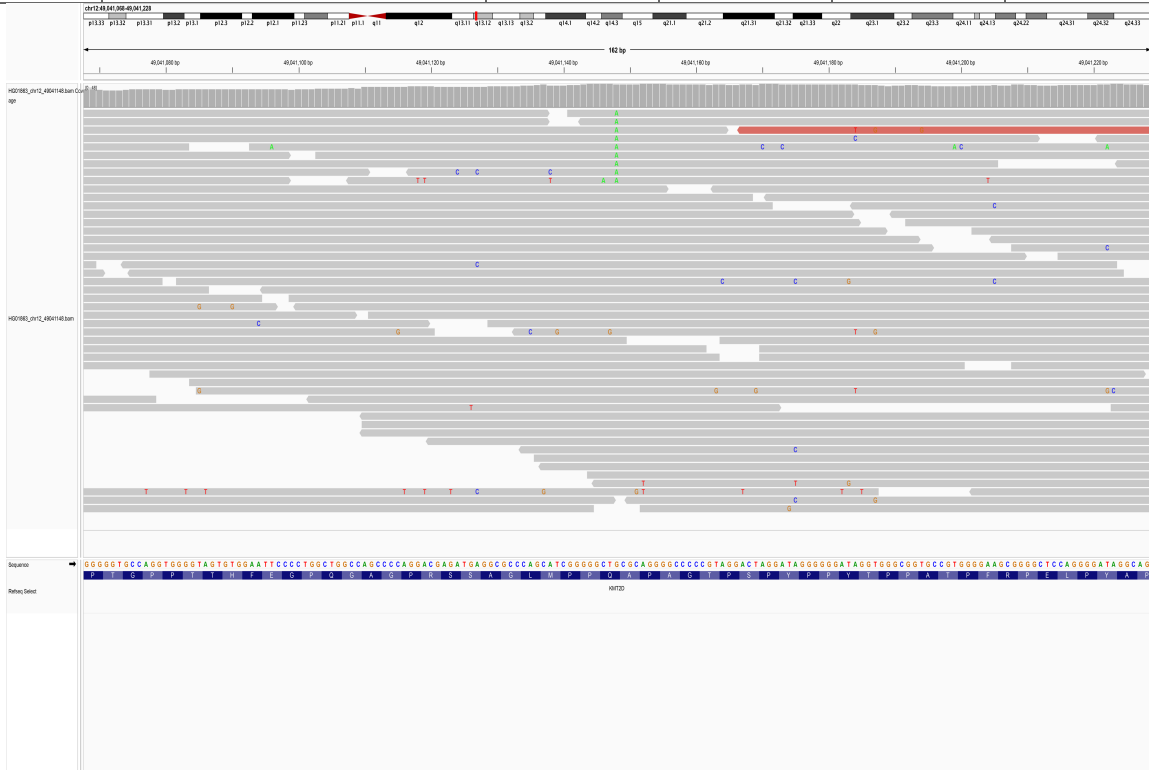
9.2. chr12_49037173_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01771	chr12_49037173_G/A	40	4	<i>KMT2D</i>	stop_gained



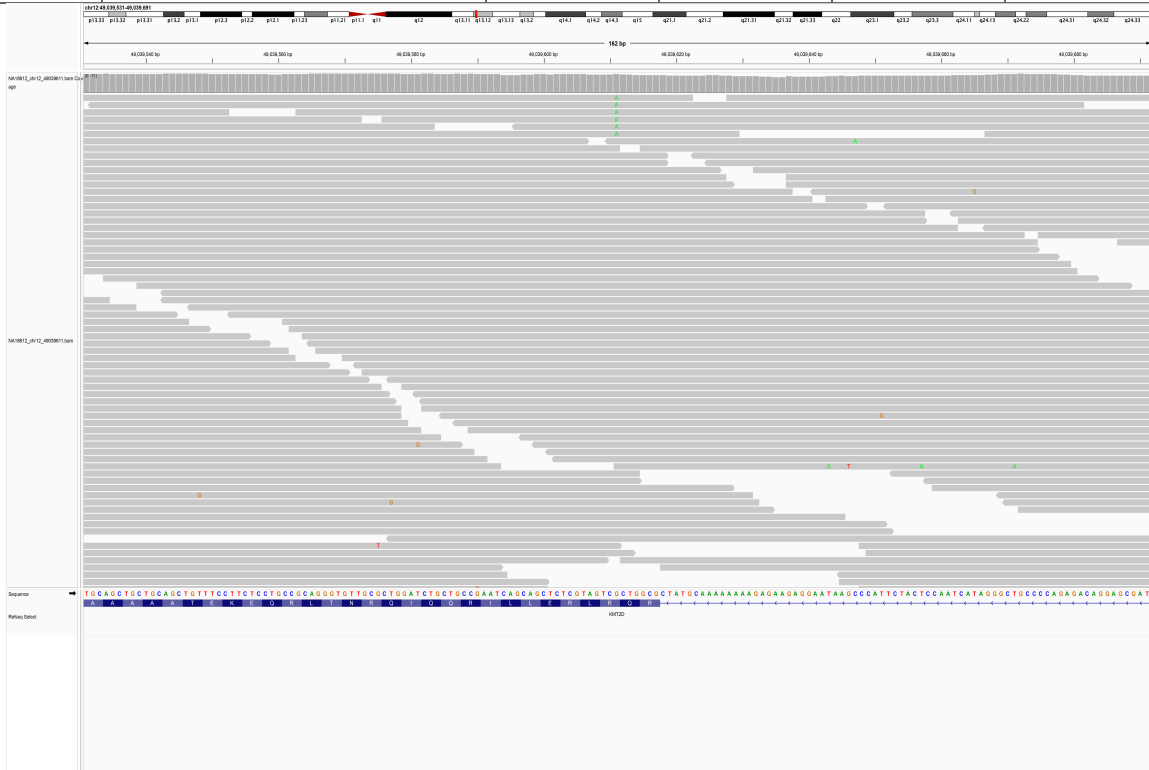
9.3. chr12_49041148_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01863	chr12_49041148_G/A	35	8	<i>KMT2D</i>	stop_gained



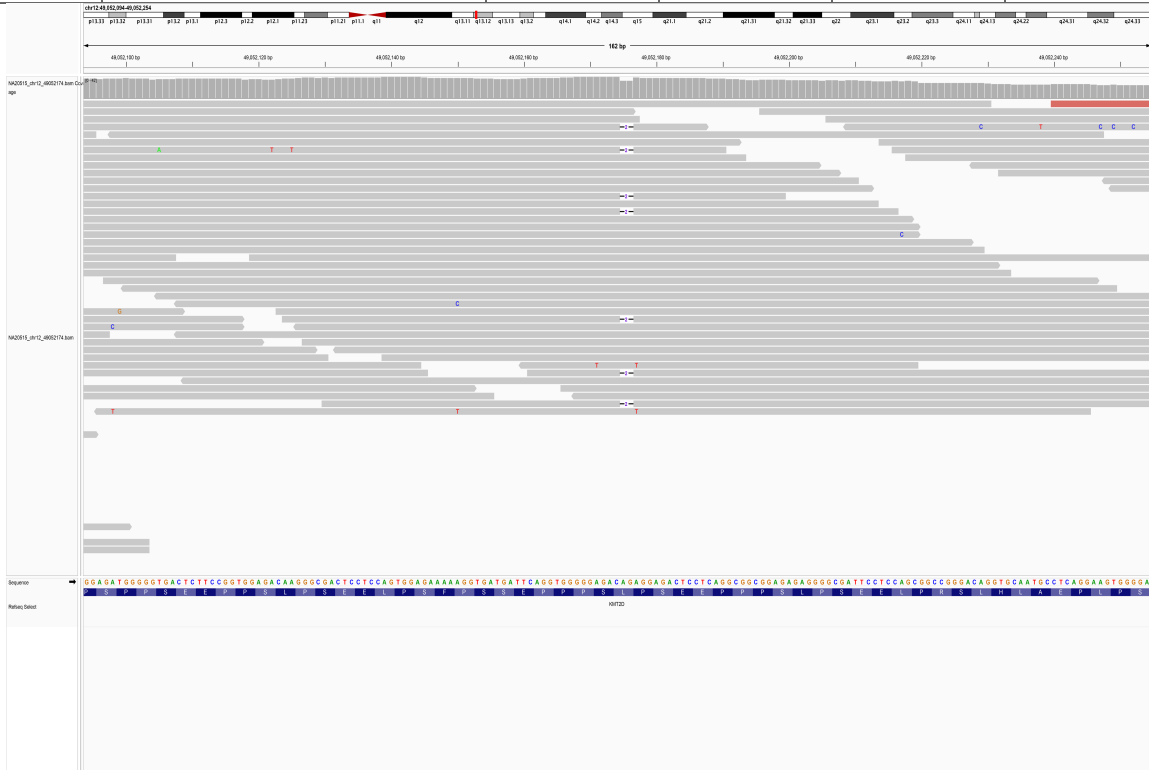
9.5. chr12_49039611_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA18612	chr12_49039611_G/A	58	6	<i>KMT2D</i>	stop_gained



9.6. chr12_49052175_AG/-

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA20515	chr12_49052175_AG/-	32	7	<i>KMT2D</i>	frameshift_variant



10. MPL

10.1. chr1_43352251_A/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA18976	chr1_43352251_A/T	26	10	MPL	missense_variant



11. NF1

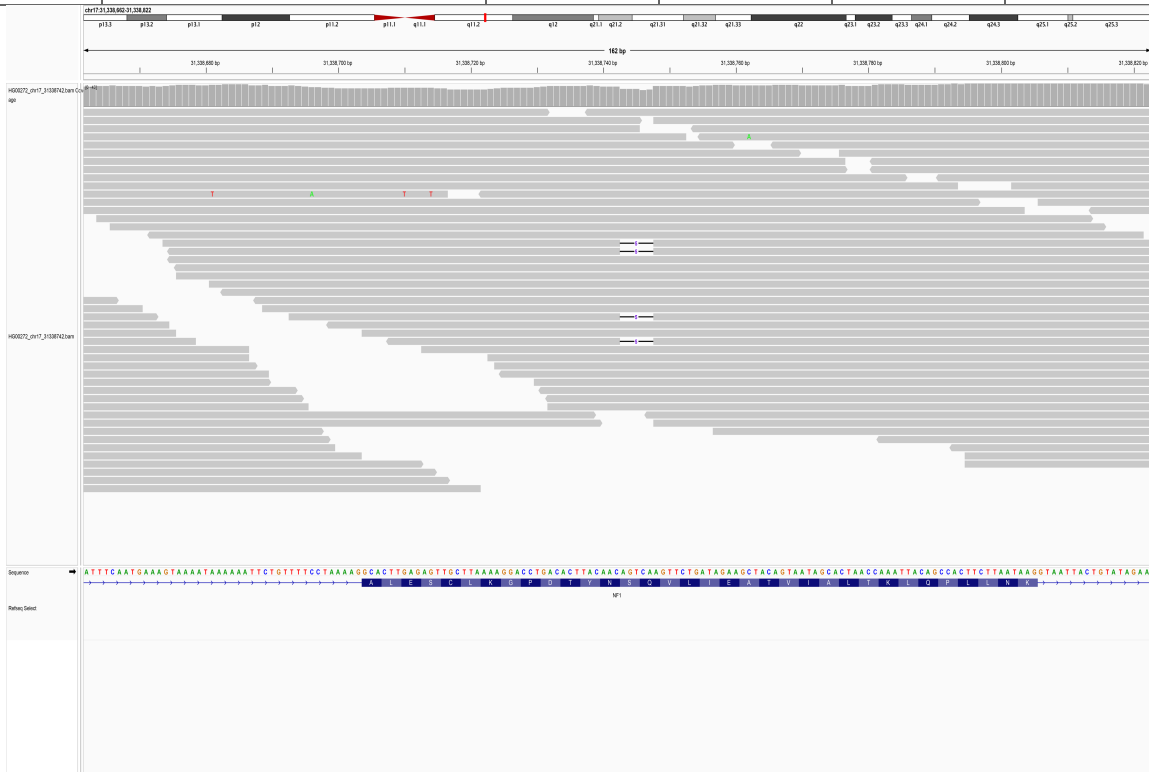
11.1. chr17_31226460_-/C

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG00159	chr17_31226460_-/C	26	9	NF1	frameshift_variant



11.2. chr17_31338743_AGTCA/-

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG00272	chr17_31338743_AGTCA/-	32	6	NF1	frameshift_variant



11.3. chr17_31343098_-/T

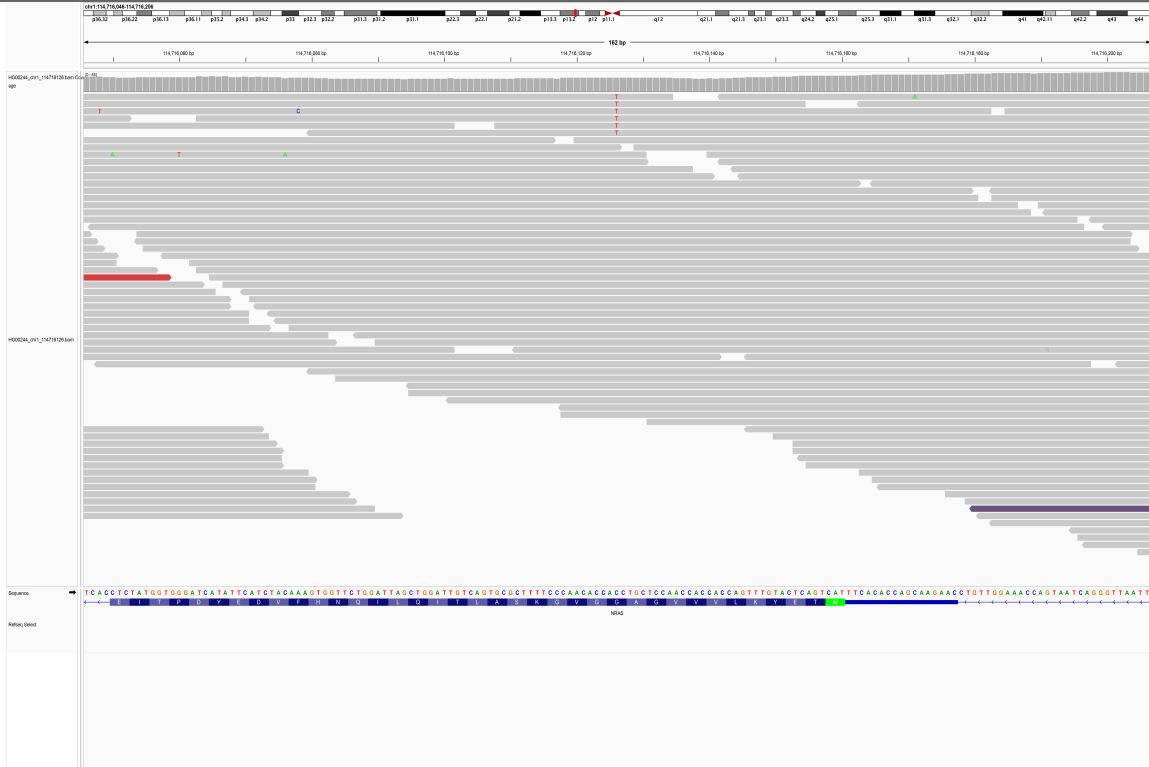
SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01961	chr17_31343098_-/T	22	3	NF1	frameshift_variant



12. NRAS

12.1. chr1_114716126_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG00244	chr1_114716126_C/T	39	6	NRAS	missense_variant



13. PHF6

13.1. chrX_134378107_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG02778	chrX_134378107_G/A	23	10	PHF6	splice_donor_variant



14. PPM1D

14.1. chr17_60663270_T/-

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01200	chr17_60663270_T/-	27	6	PPM1D	frameshift_variant



14.2. chr17_60663320_-/C

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG02970	chr17_60663320_-/C	21	6	PPM1D	frameshift_variant



14.3. chr17_60663313_G/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG03615	chr17_60663313_G/T	18	5	PPM1D	stop_gained



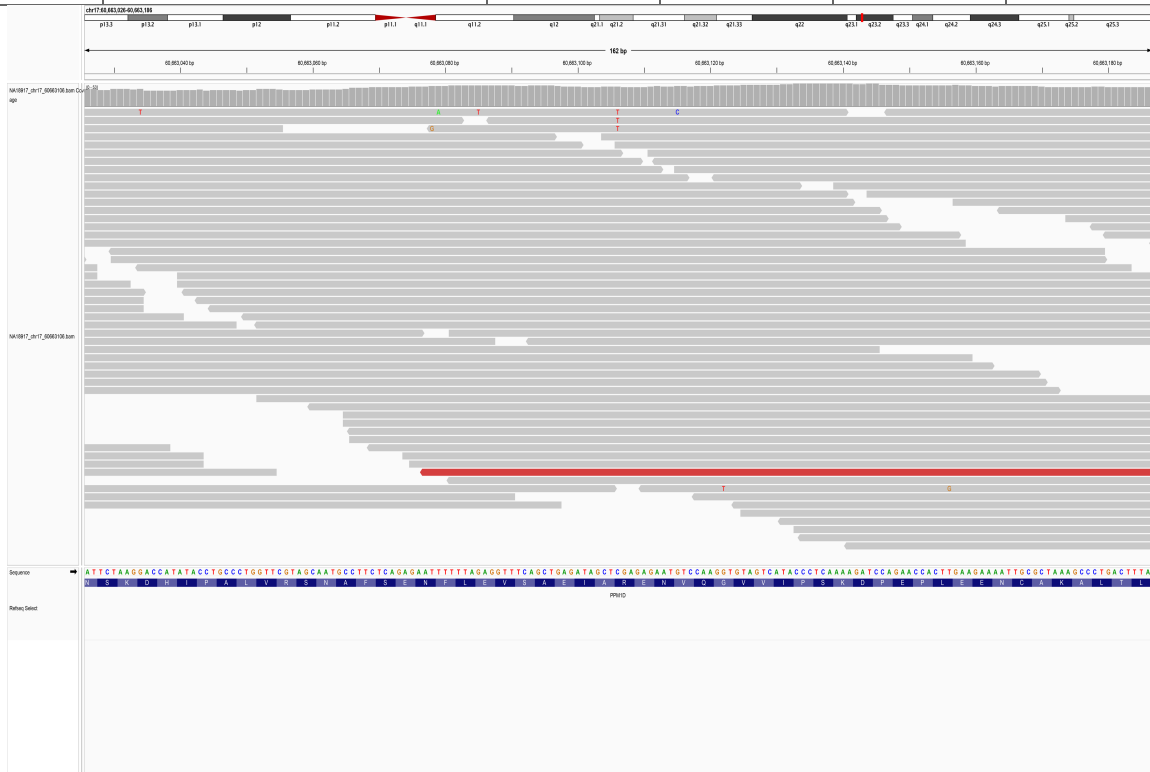
14.4. chr17_60662995_T/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG04022	chr17_60662995_T/A	31	7	PPM1D	missense_variant



14.5. chr17_60663106_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA18917	chr17_60663106_C/T	43	3	PPM1D	stop_gained



15. PRPF40B

15.1. chr12_49643754_T/G

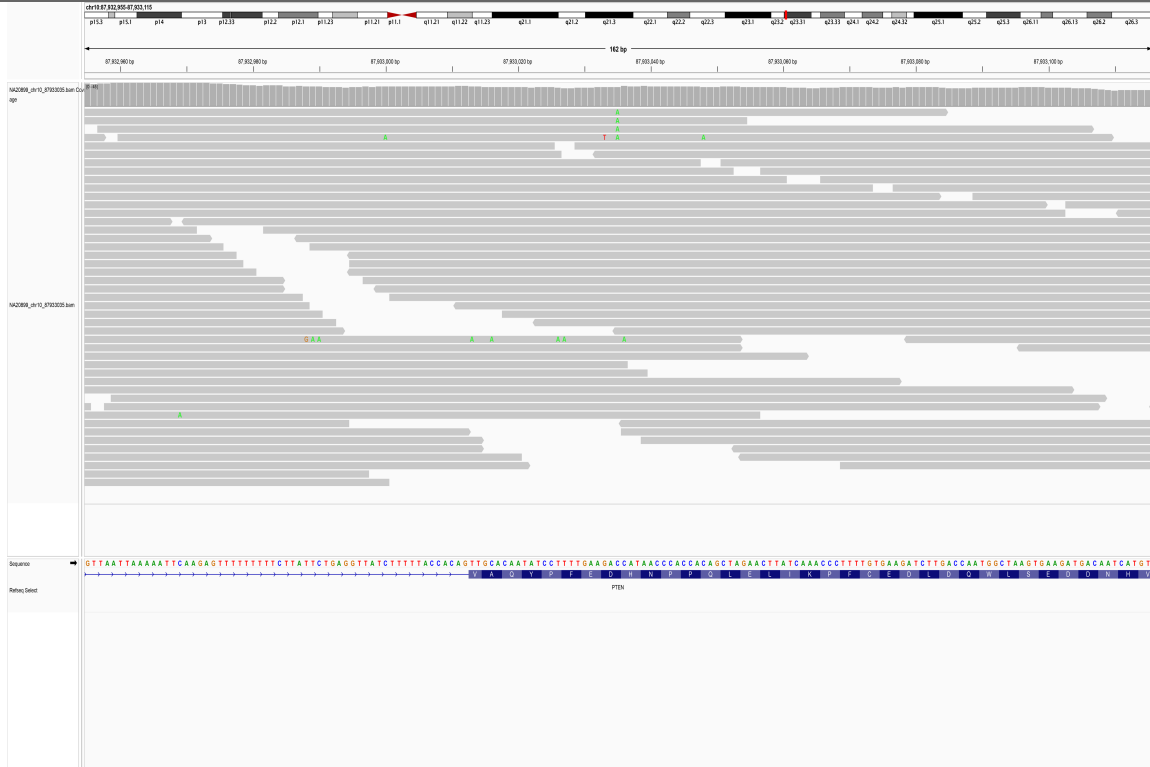
SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG00640	chr12_49643754_T/G	27	6	PRPF40B	splice_donor_variant



16. PTEN

16.1. chr10_87933035_C/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA20899	chr10_87933035_C/A	32	4	PTEN	missense_variant



18. RUNX1

18.1. chr21_34834466_-/GG

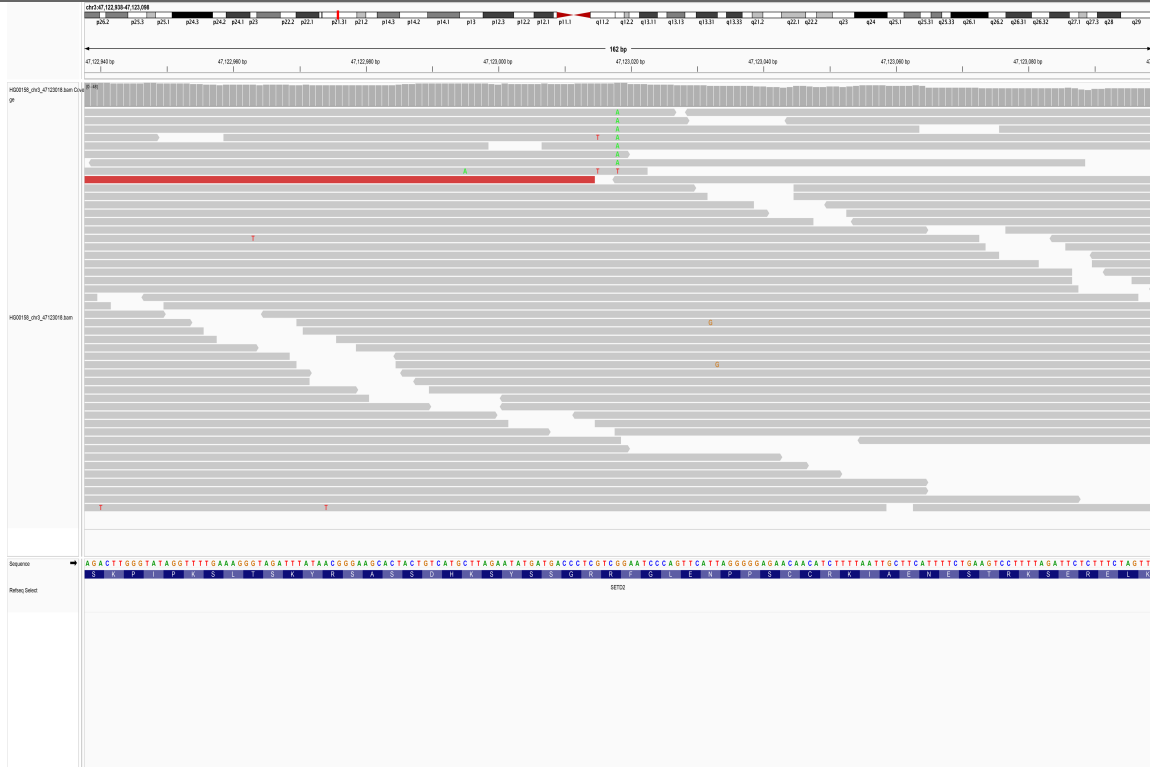
SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01162	chr21_34834466_-/GG	40	3	<i>RUNX1</i>	frameshift_variant



19. SETD2

19.1. chr3_47123018_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG00158	chr3_47123018_G/A	40	8	SETD2	stop_gained



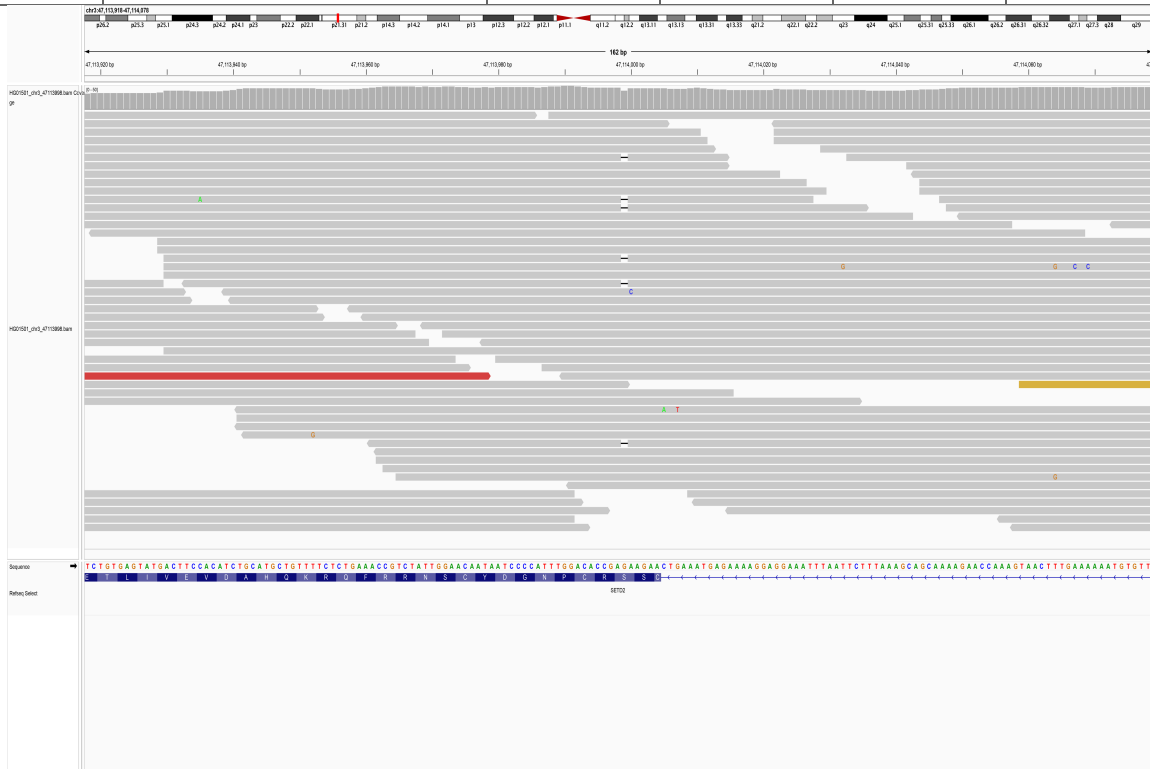
19.3. chr3_47122588_A/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01398	chr3_47122588_A/T	40	13	SETD2	stop_gained



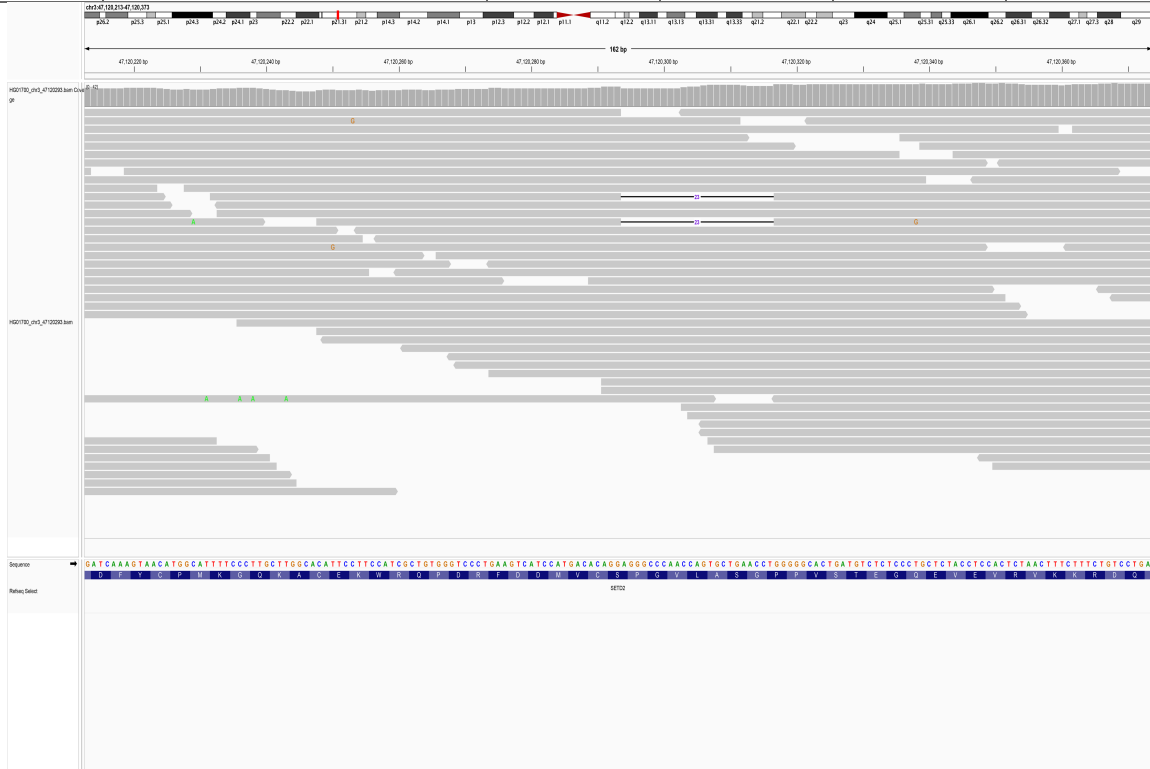
19.4. chr3_47113999_G/-

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01501	chr3_47113999_G/-	38	6	SETD2	frameshift_variant



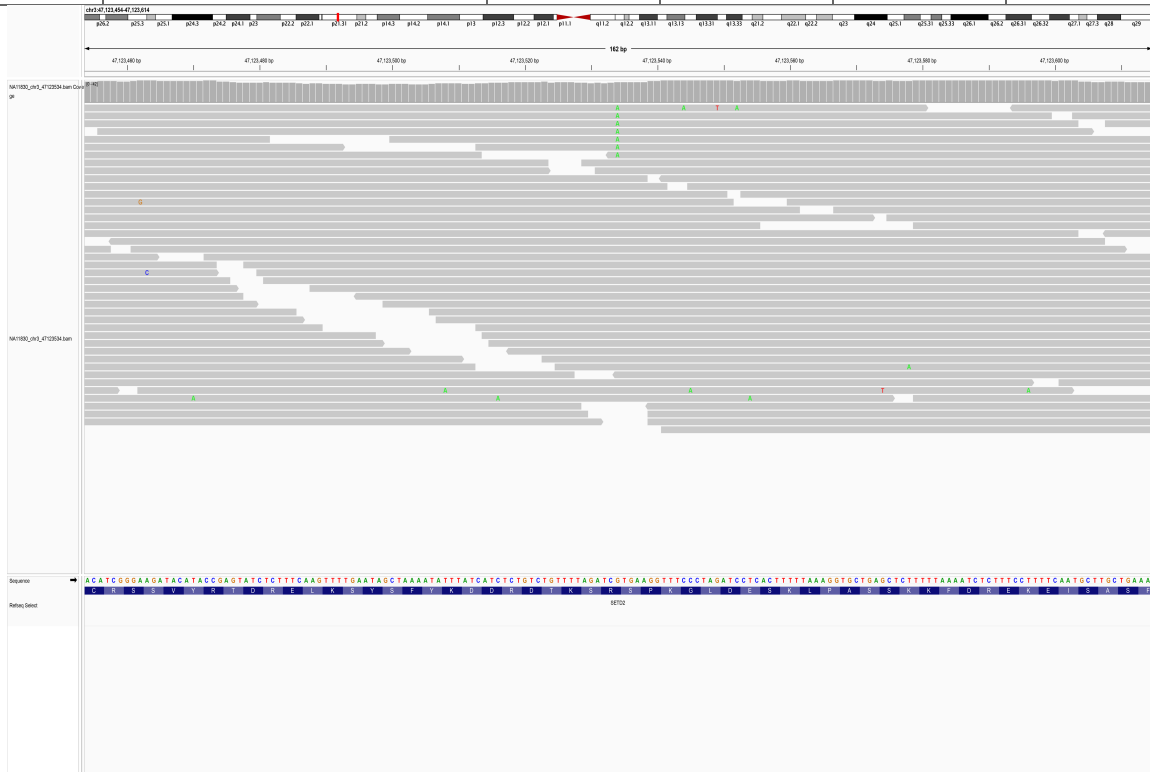
19.5. chr3_47120294_AGGGCCCAACCAGTGCTGAACCT/-

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01700	chr3_47120294_AGGGCCCAACCAGTGCTGAACCT/-	39	3	SETD2	frameshift_variant



19.6. chr3_47123534_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA11830	chr3_47123534_G/A	29	6	SETD2	stop_gained



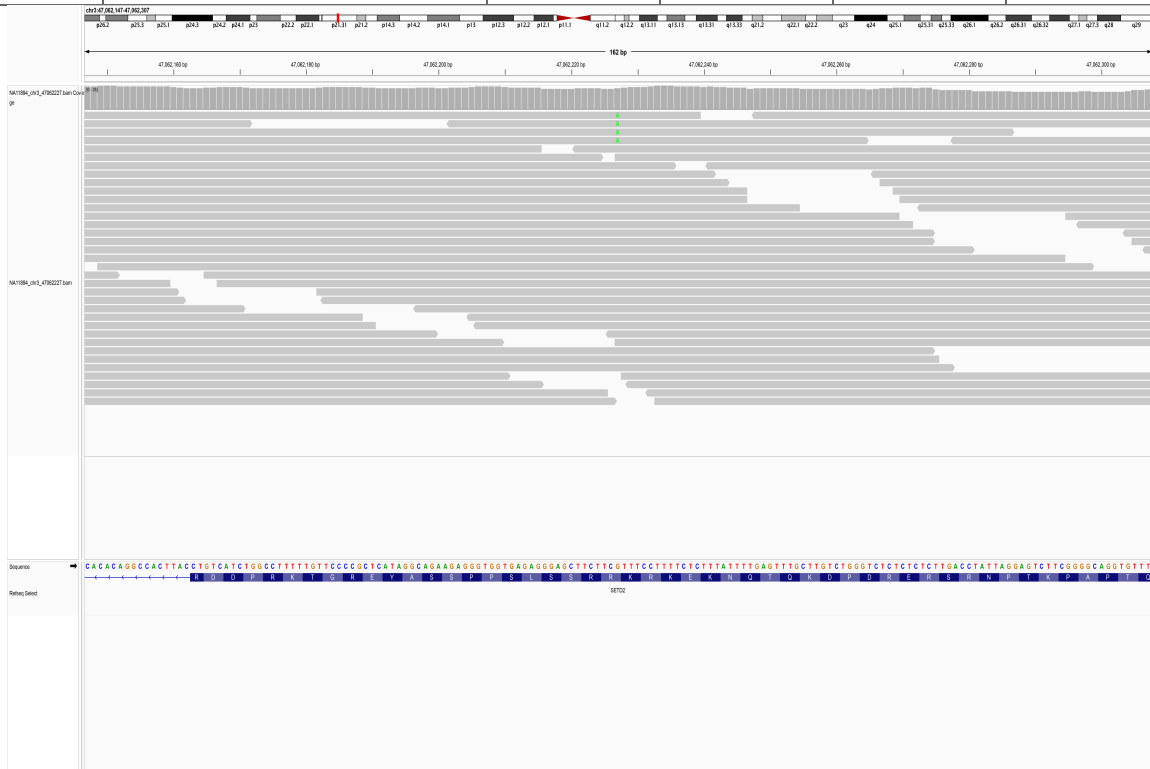
19.7. chr3_47113934_C/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA11831	chr3_47113934_C/A	30	6	SETD2	stop_gained



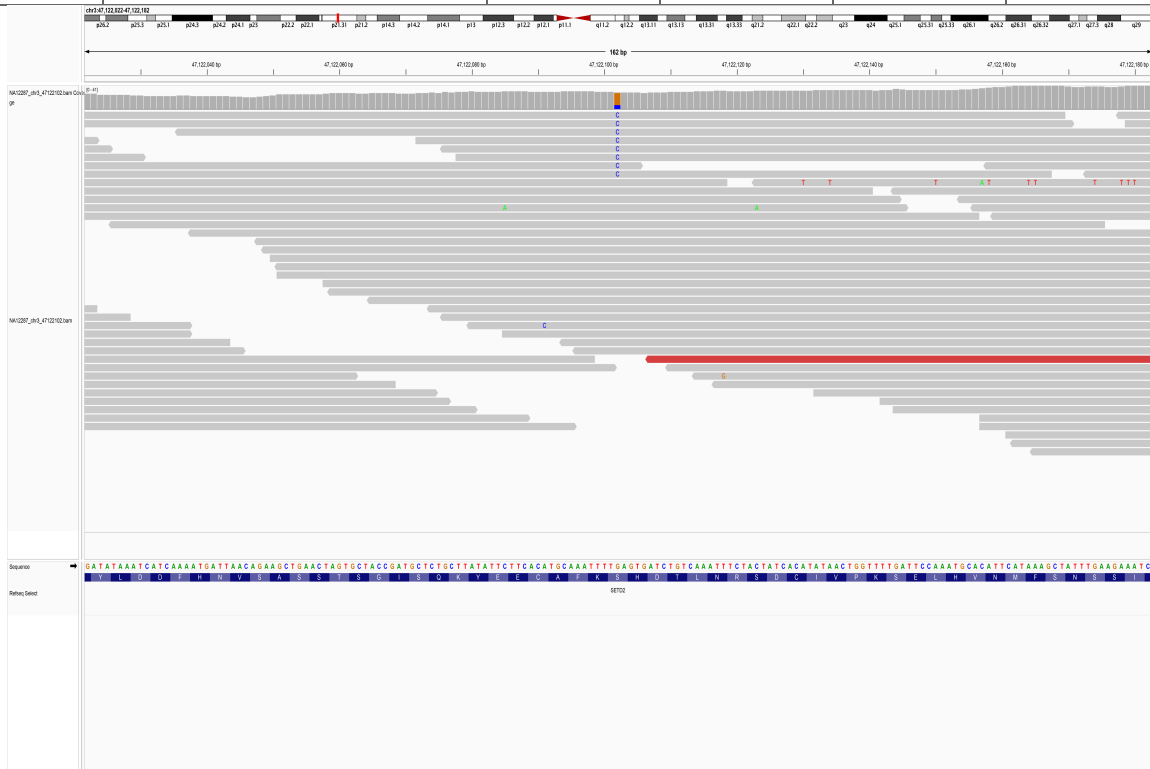
19.8. chr3_47062227_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA11894	chr3_47062227_G/A	27	4	SETD2	stop_gained



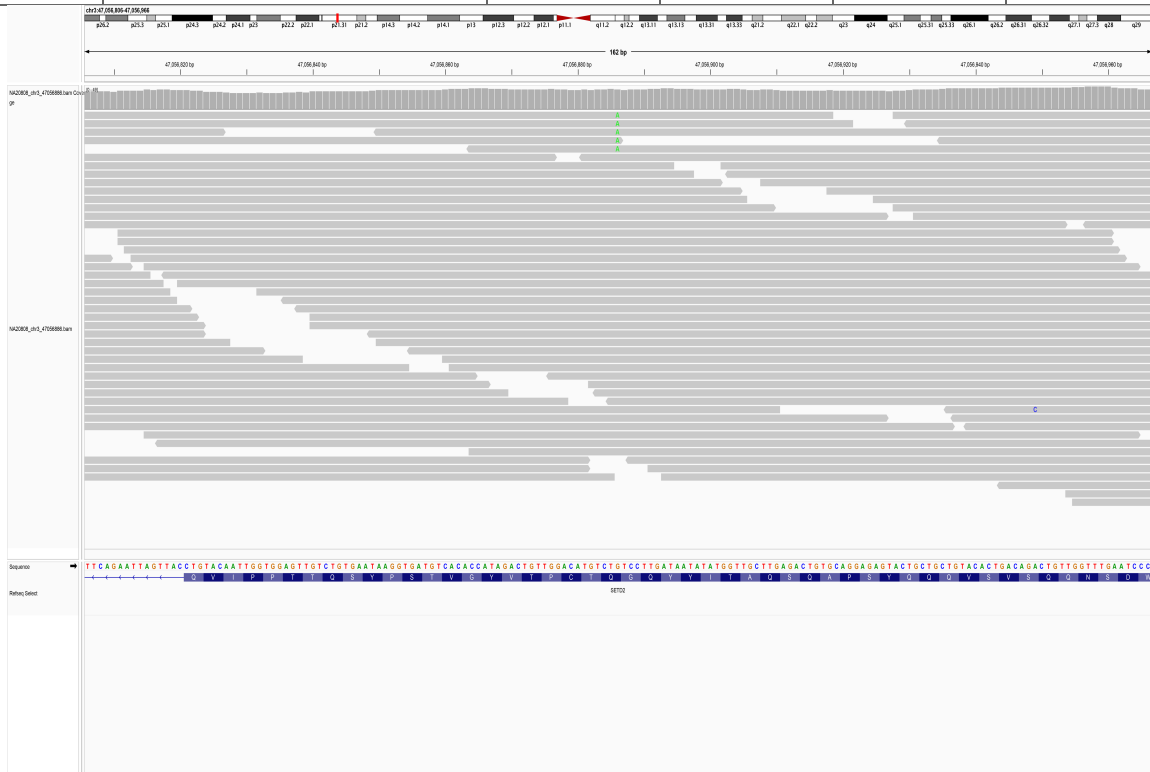
19.10. chr3_47122102_G/C

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA12287	chr3_47122102_G/C	21	8	SETD2	stop_gained



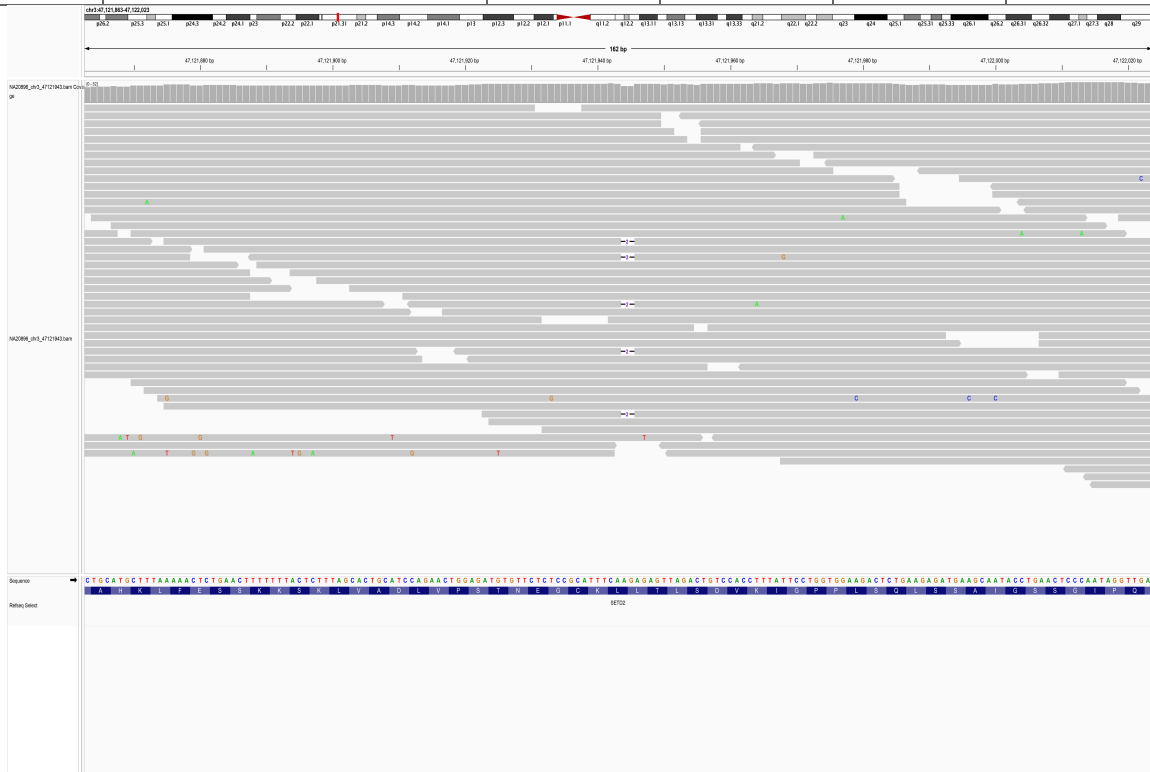
19.11. chr3_47056886_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA20808	chr3_47056886_G/A	36	5	SETD2	stop_gained



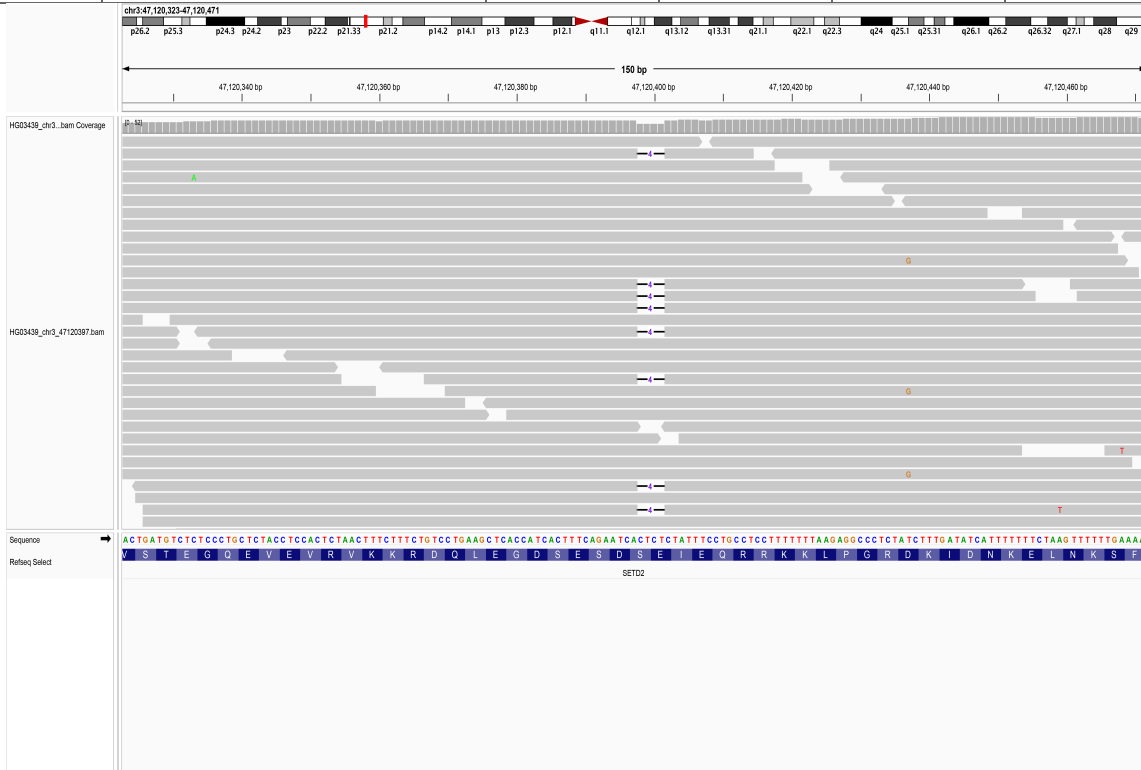
19.12. chr3_47121944_AG/-

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA20896	chr3_47121944_AG/-	36	5	SETD2	frameshift_variant



19.13. chr3_47120398_CTCT/-

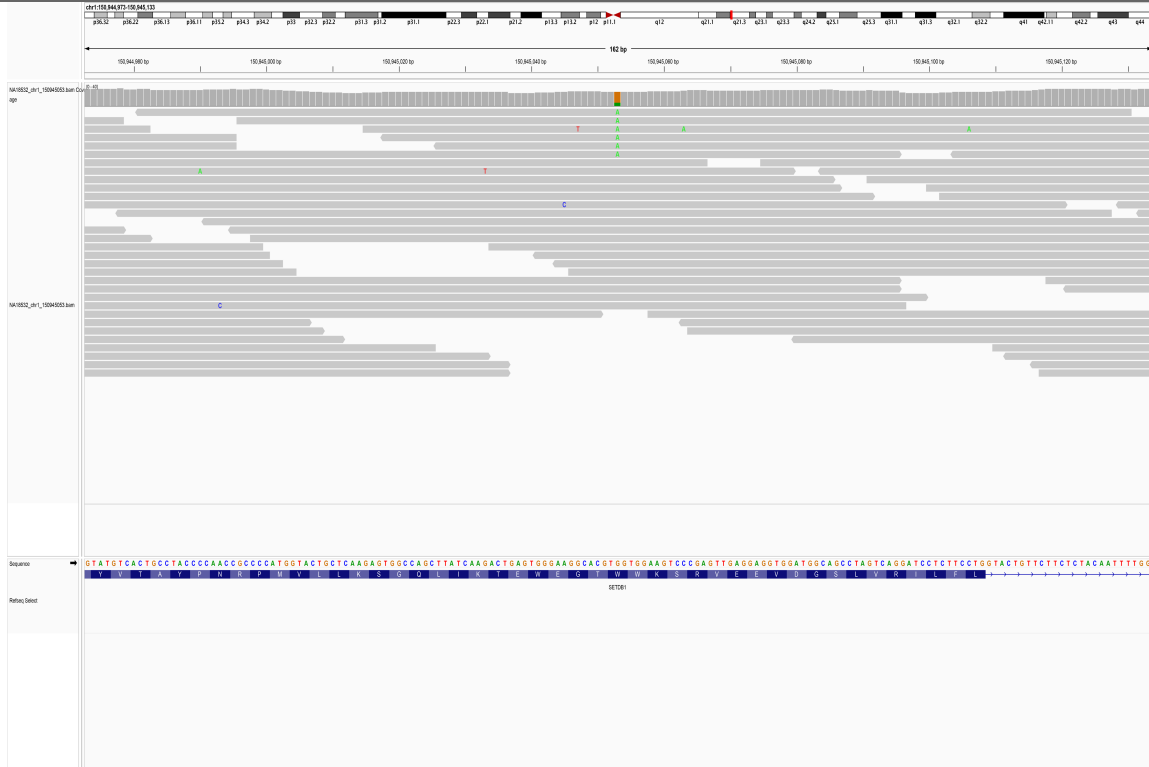
SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG03439	chr3_47120398_CTCT/-	31	9	SETD2	frameshift_variant



20. SETDB1

20.1. chr1_150945053_G/A

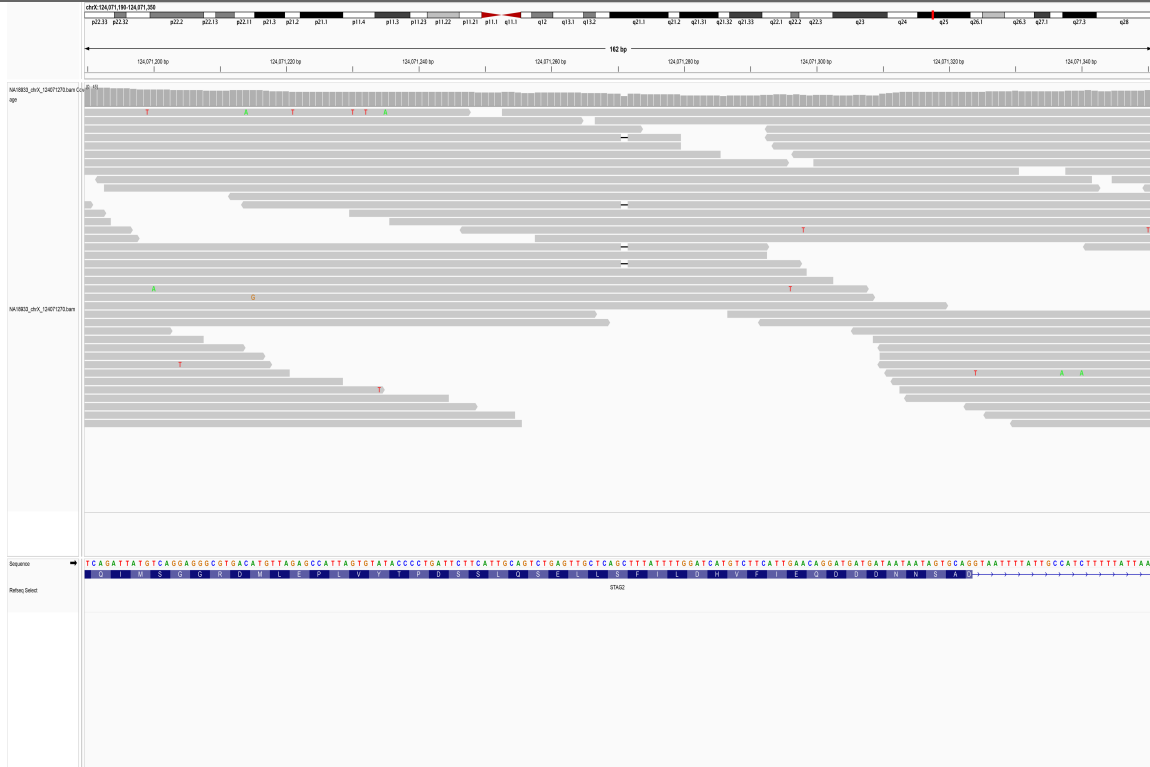
SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA18532	chr1_150945053_G/A	18	6	SETDB1	stop_gained



21. STAG2

21.1. chrX_124071271_C/-

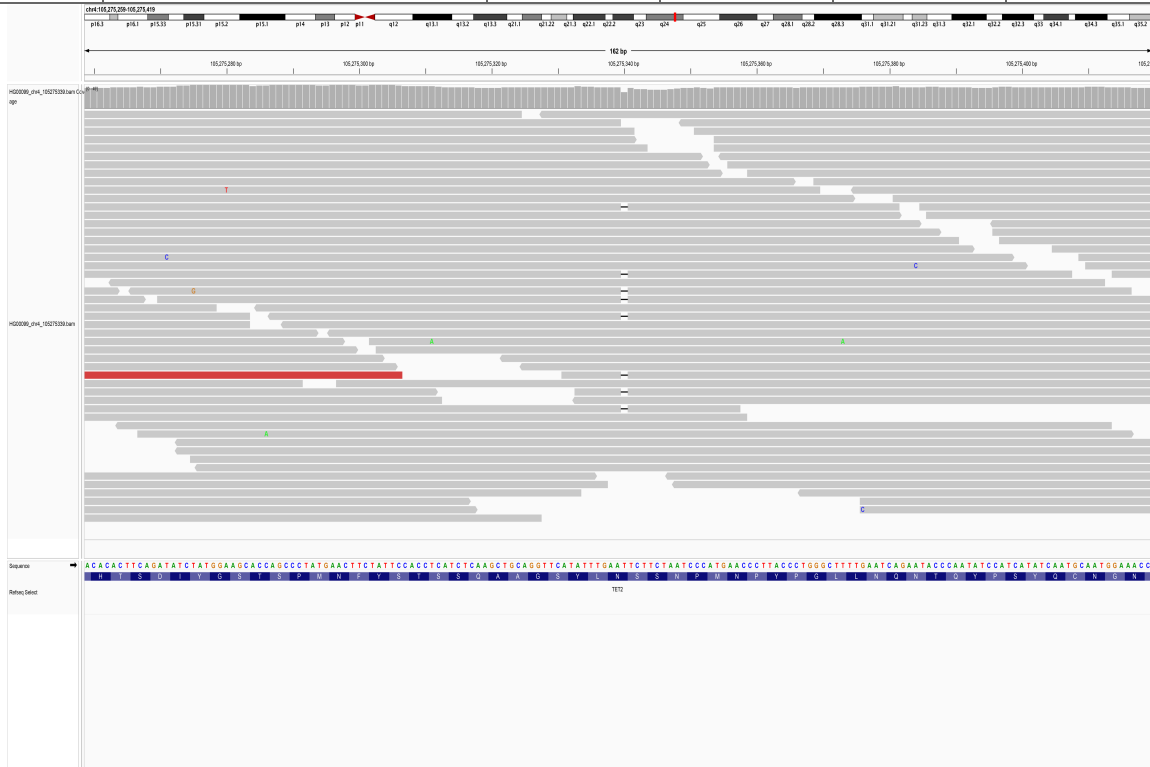
SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA18933	chrX_124071271_C/-	20	4	STAG2	frameshift_variant



22. TET2

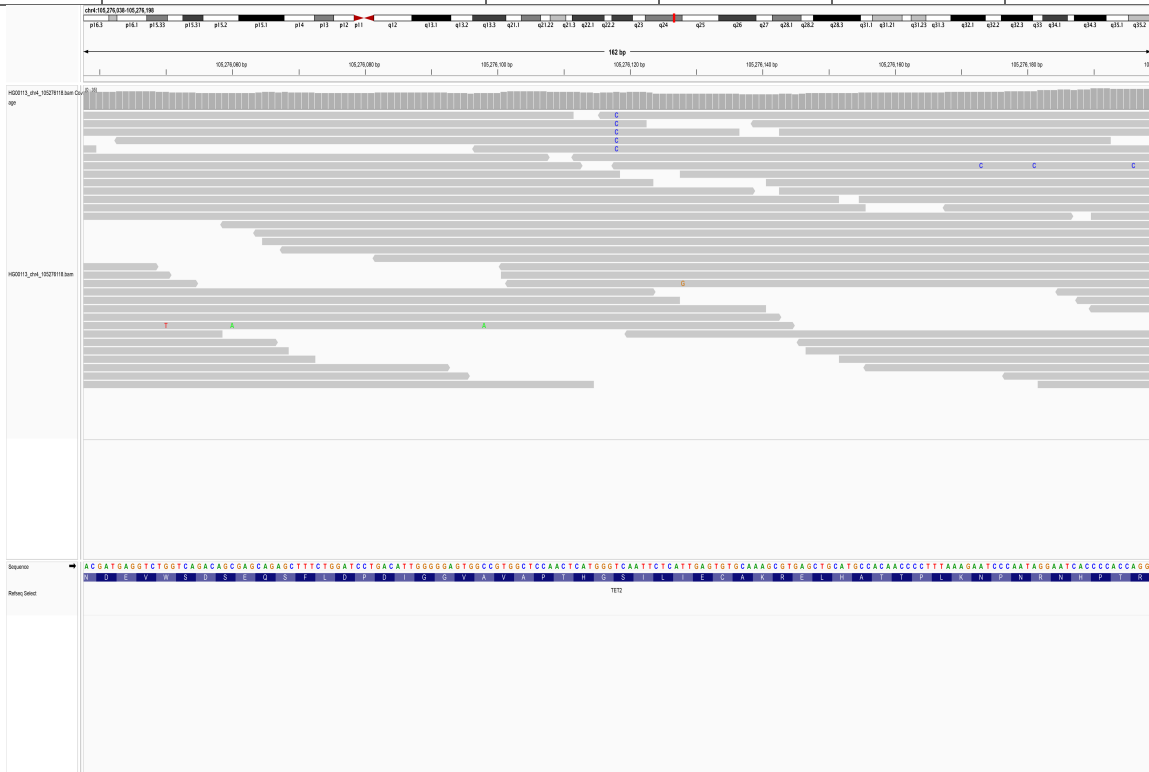
22.1. chr4_105275340_T/-

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG00099	chr4_105275340_T/-	34	8	TET2	frameshift_variant



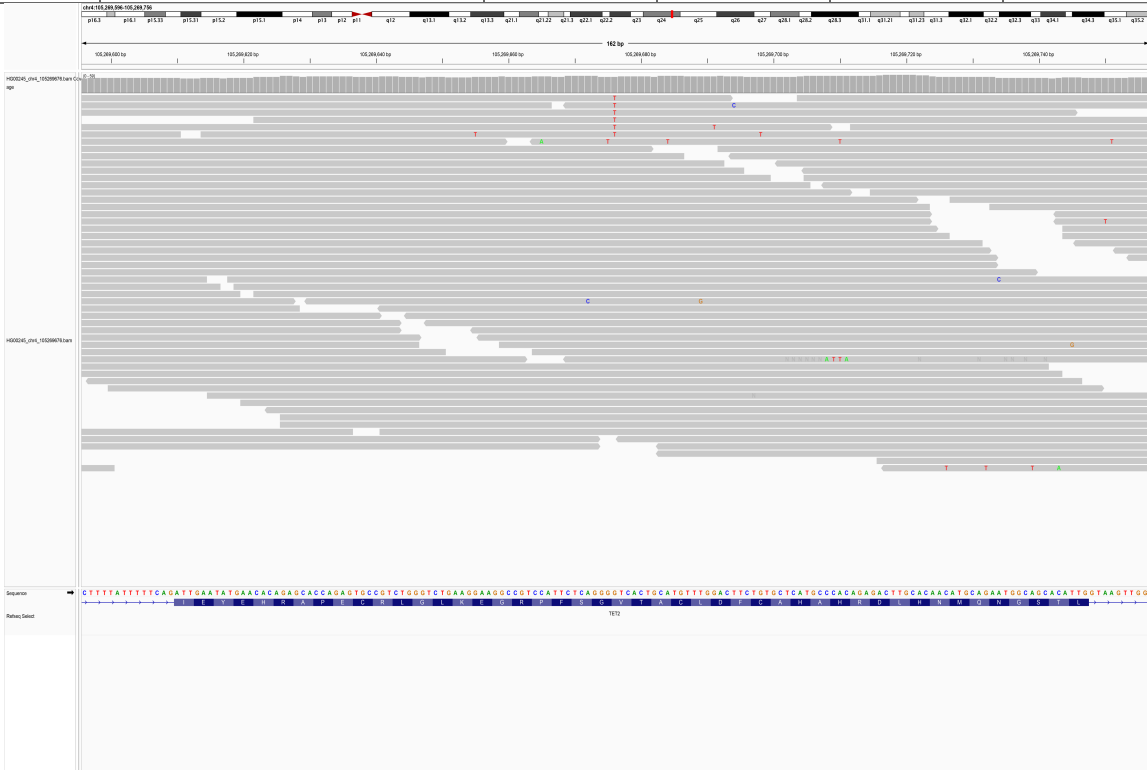
22.2. chr4_105276118_T/C

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG00113	chr4_105276118_T/C	21	5	TET2	missense_variant



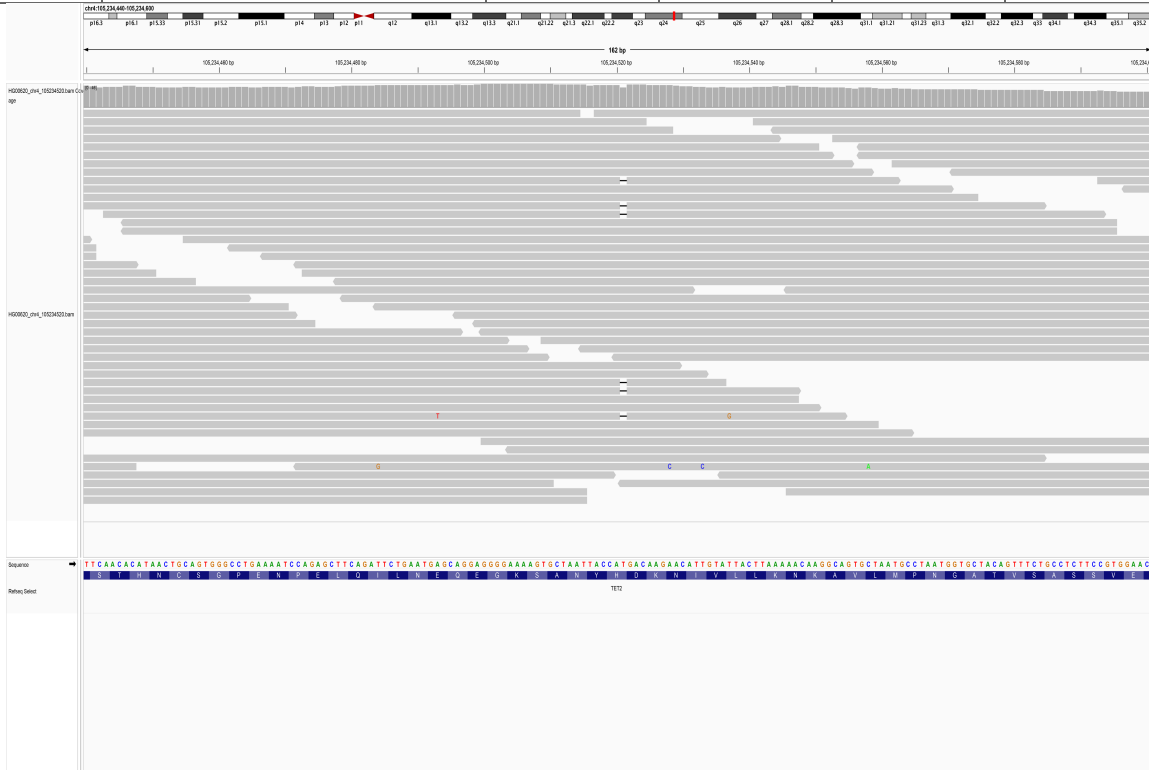
22.3. chr4_105269676_G/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG00245	chr4_105269676_G/T	40	6	TET2	missense_variant



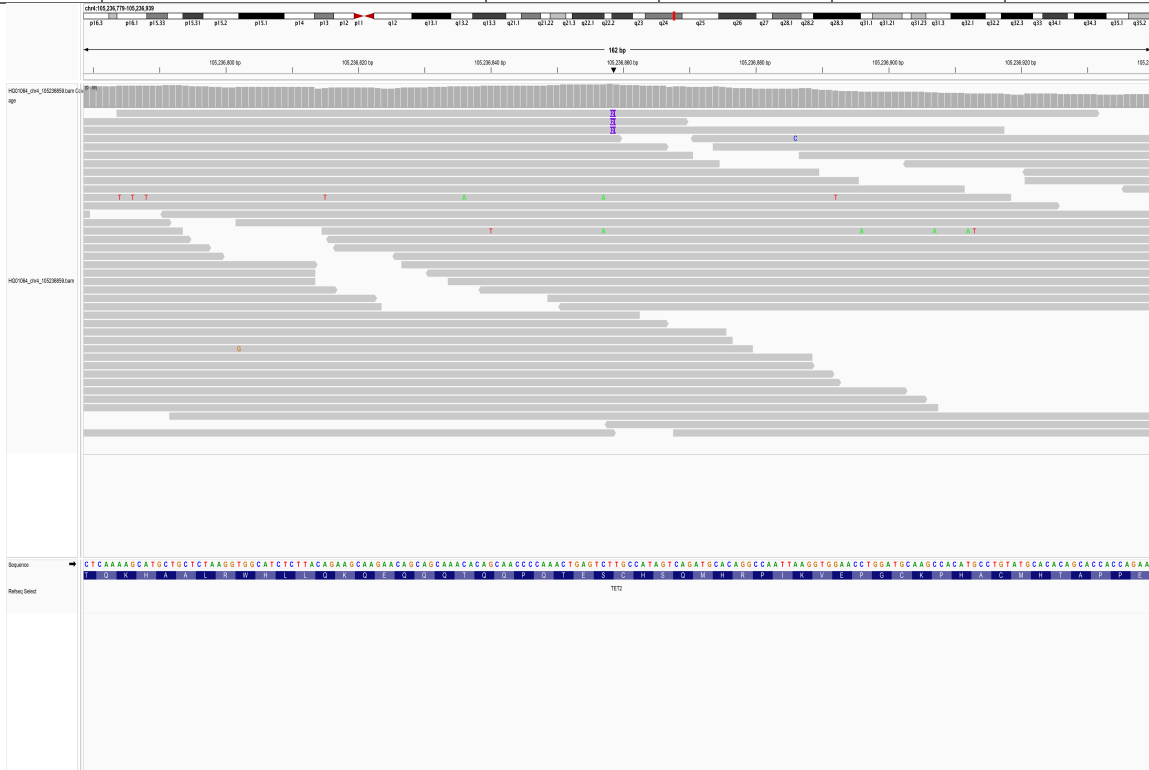
22.4. chr4_105234521_T/-

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG00620	chr4_105234521_T/-	37	6	TET2	frameshift_variant



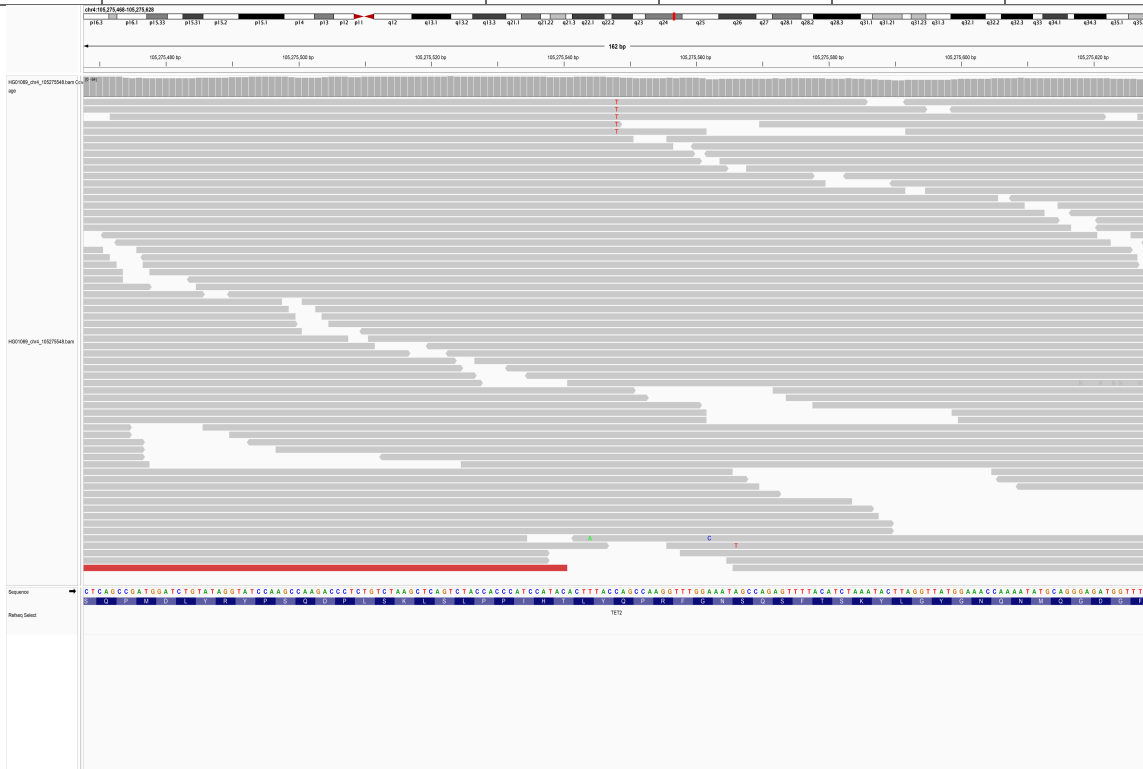
22.5. chr4_105236859_-/TG

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01064	chr4_105236859_-/TG	32	3	TET2	frameshift_variant



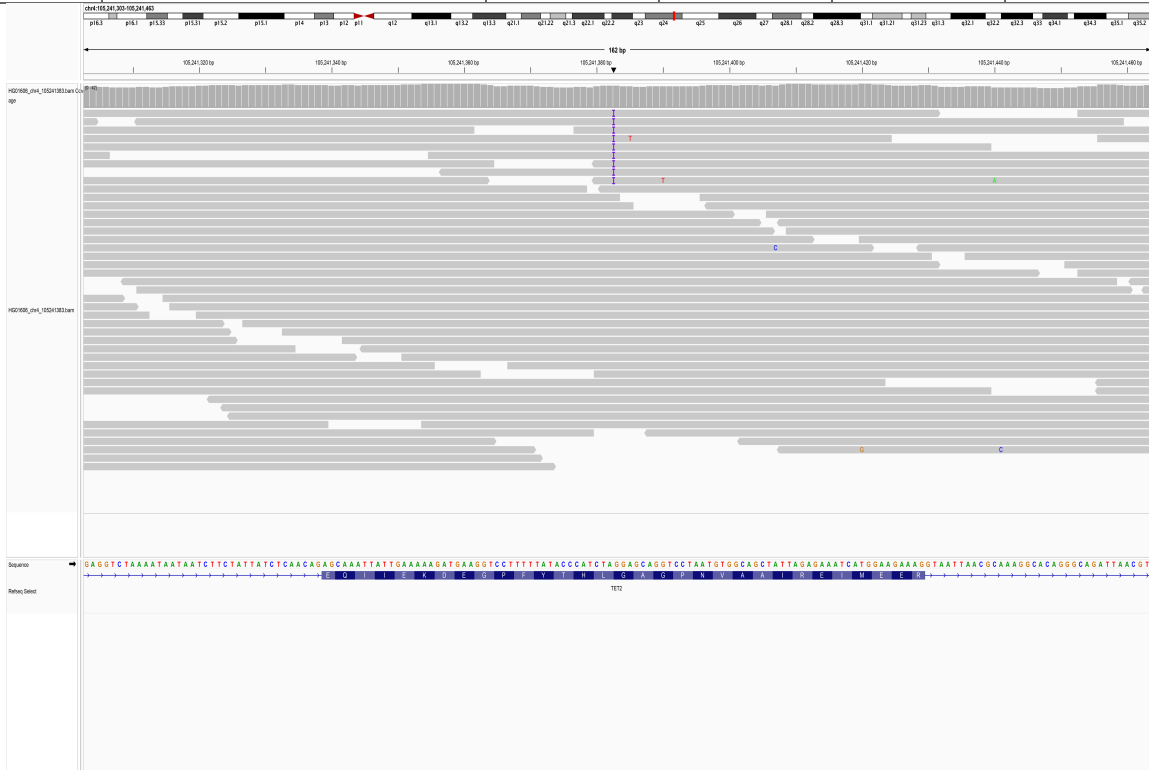
22.6. chr4_105275548_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01069	chr4_105275548_C/T	54	5	TET2	stop_gained



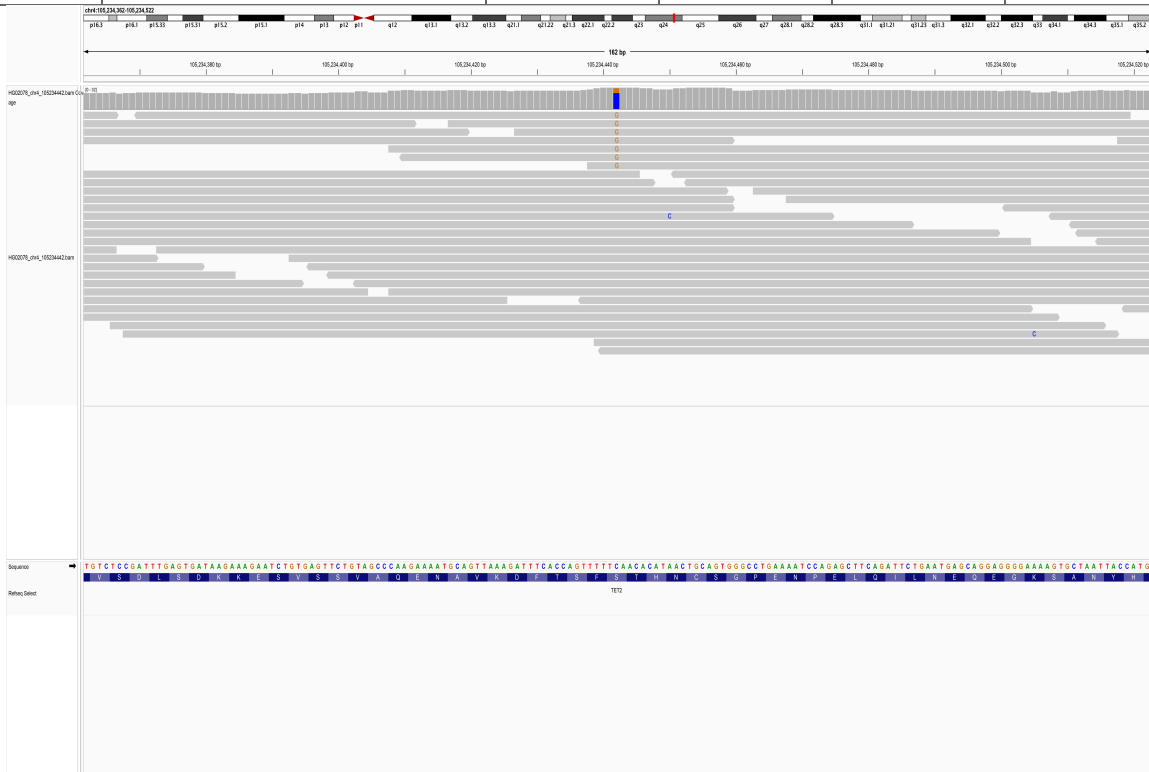
22.7. chr4_105241383_-/G

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG01606	chr4_105241383_-/G	28	9	TET2	frameshift_variant



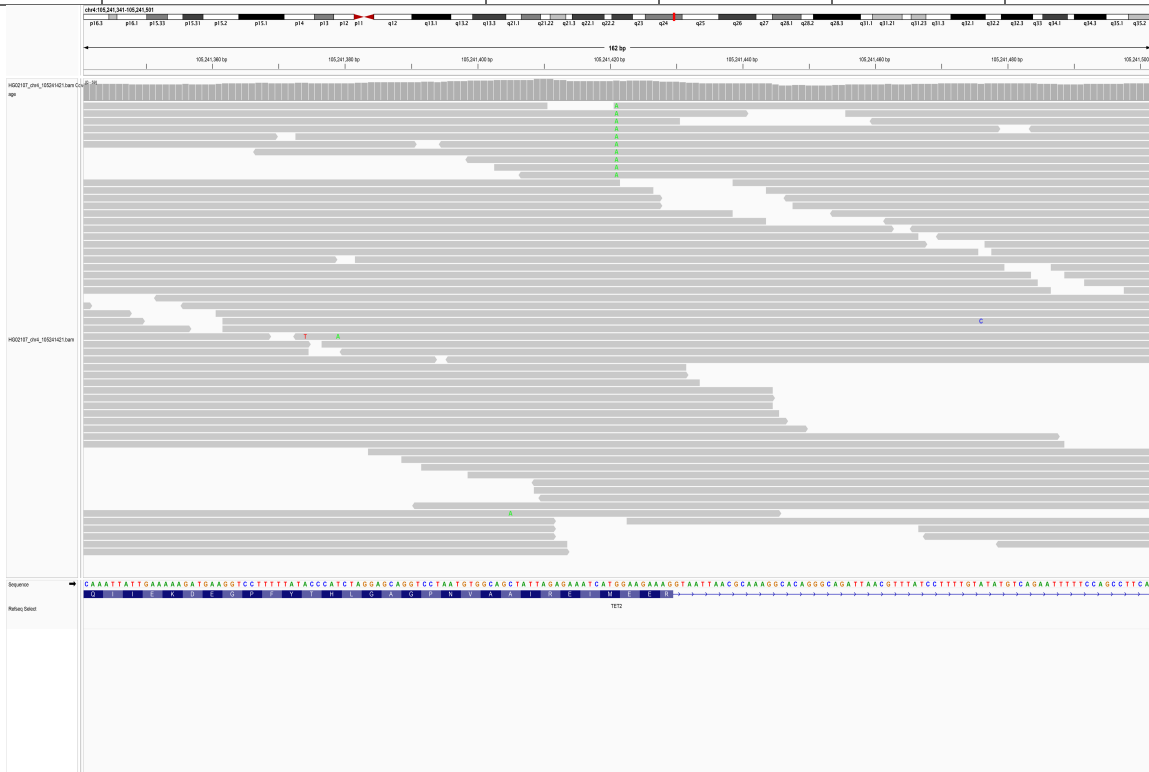
22.8. chr4_105234442_C/G

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG02078	chr4_105234442_C/G	22	7	TET2	stop_gained



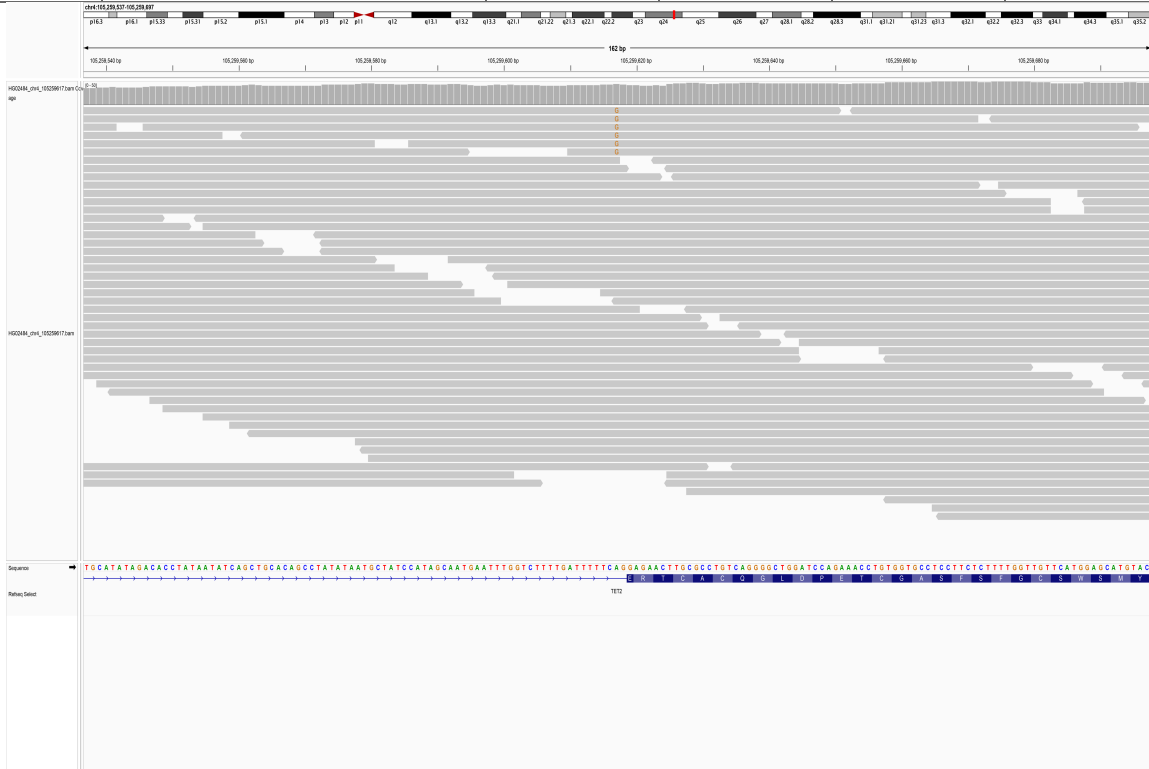
22.9. chr4_105241421_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG02107	chr4_105241421_G/A	44	10	TET2	missense_variant



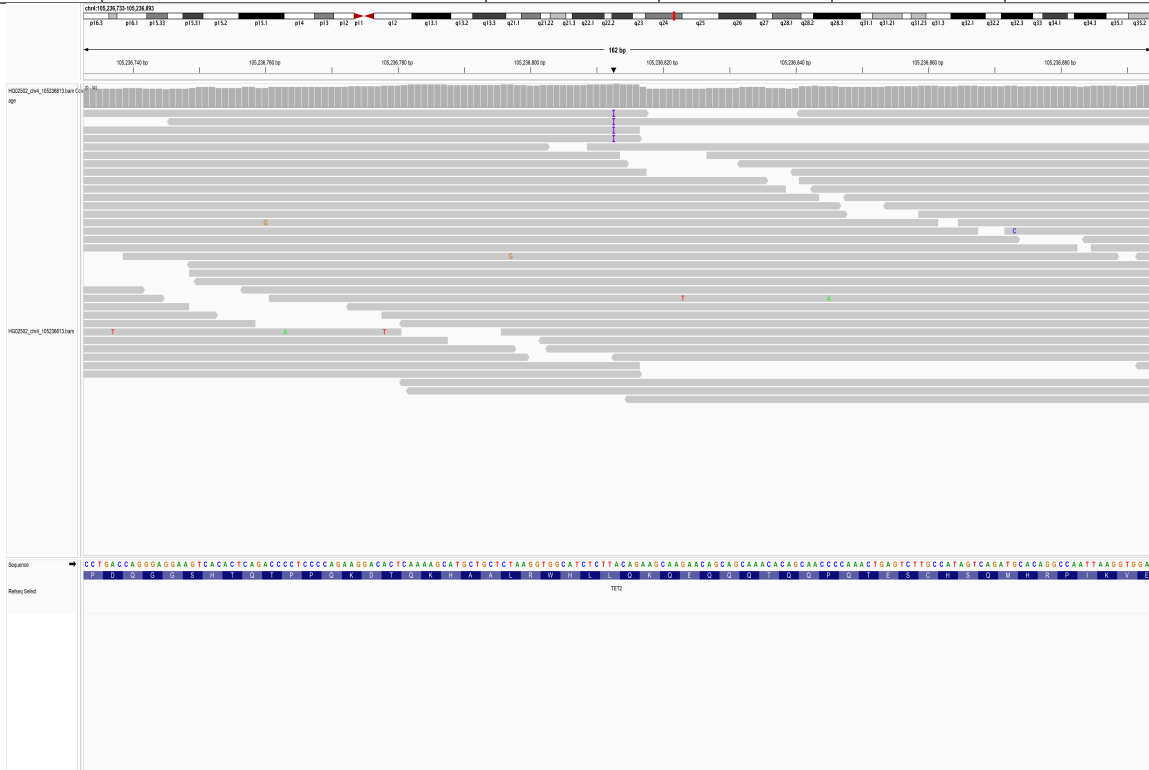
22.10. chr4_105259617_A/G

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG02484	chr4_105259617_A/G	38	6	TET2	splice_acceptor_variant



22.11. chr4_105236813_-/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG02502	chr4_105236813_-/A	28	4	TET2	frameshift_variant



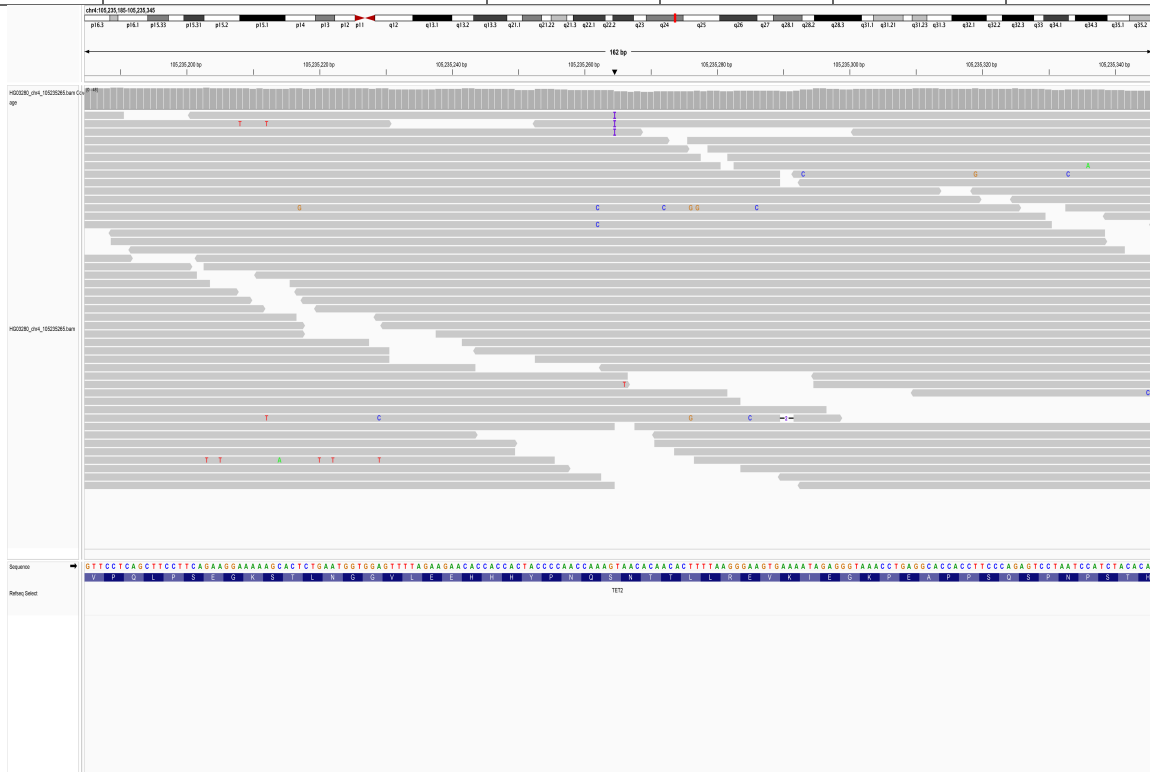
22.12. chr4_105276106_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG02661	chr4_105276106_C/T	33	10	TET2	missense_variant



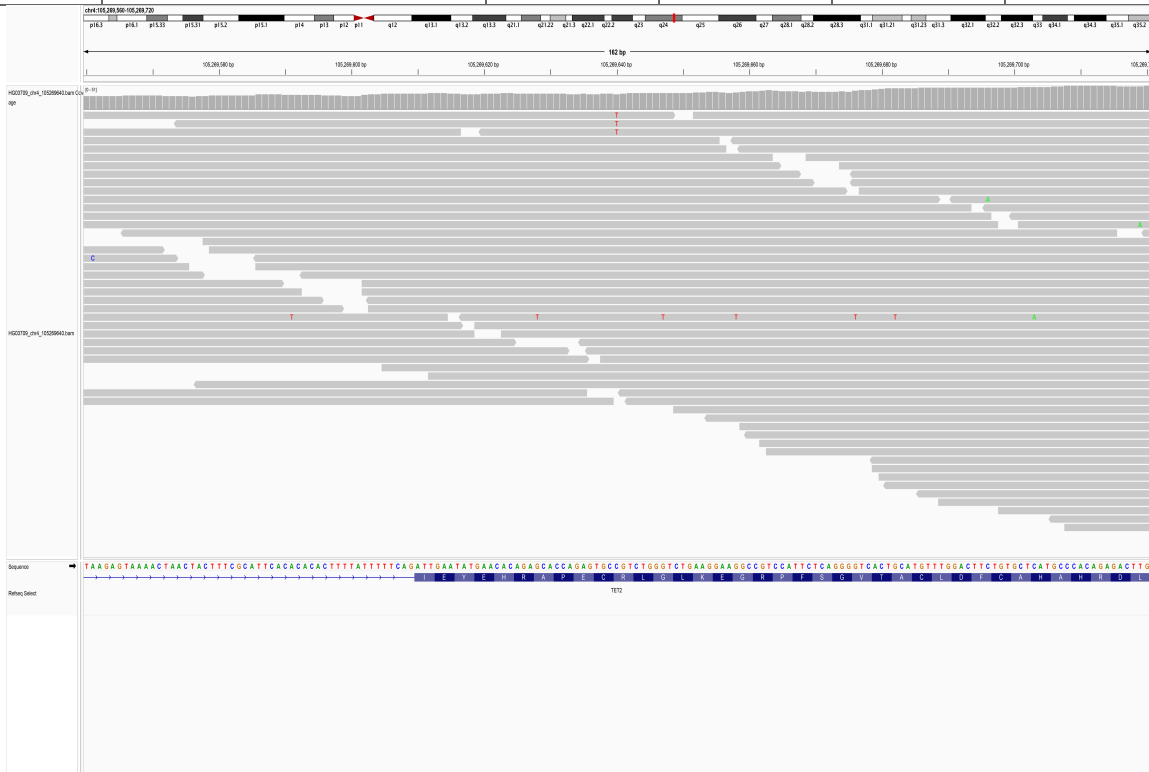
22.13. chr4_105235265_-/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG03280	chr4_105235265_-/T	31	4	TET2	frameshift_variant



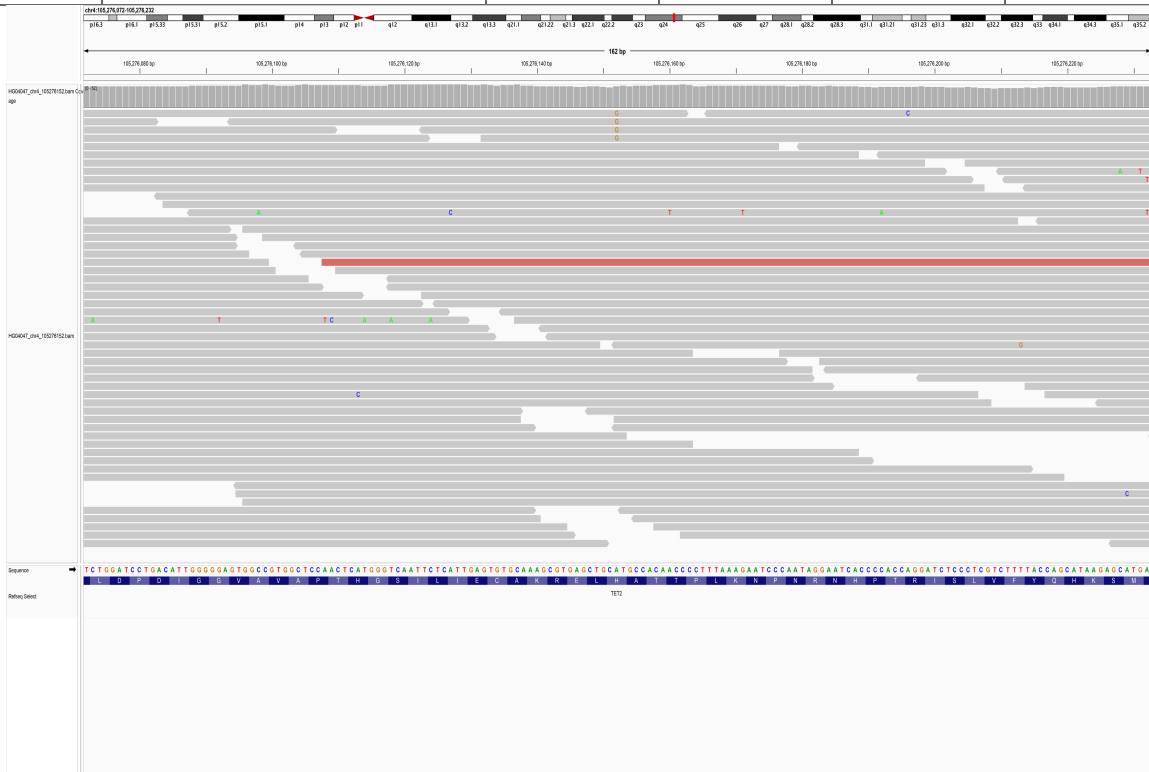
22.14. chr4_105269640_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG03709	chr4_105269640_C/T	29	3	TET2	missense_variant



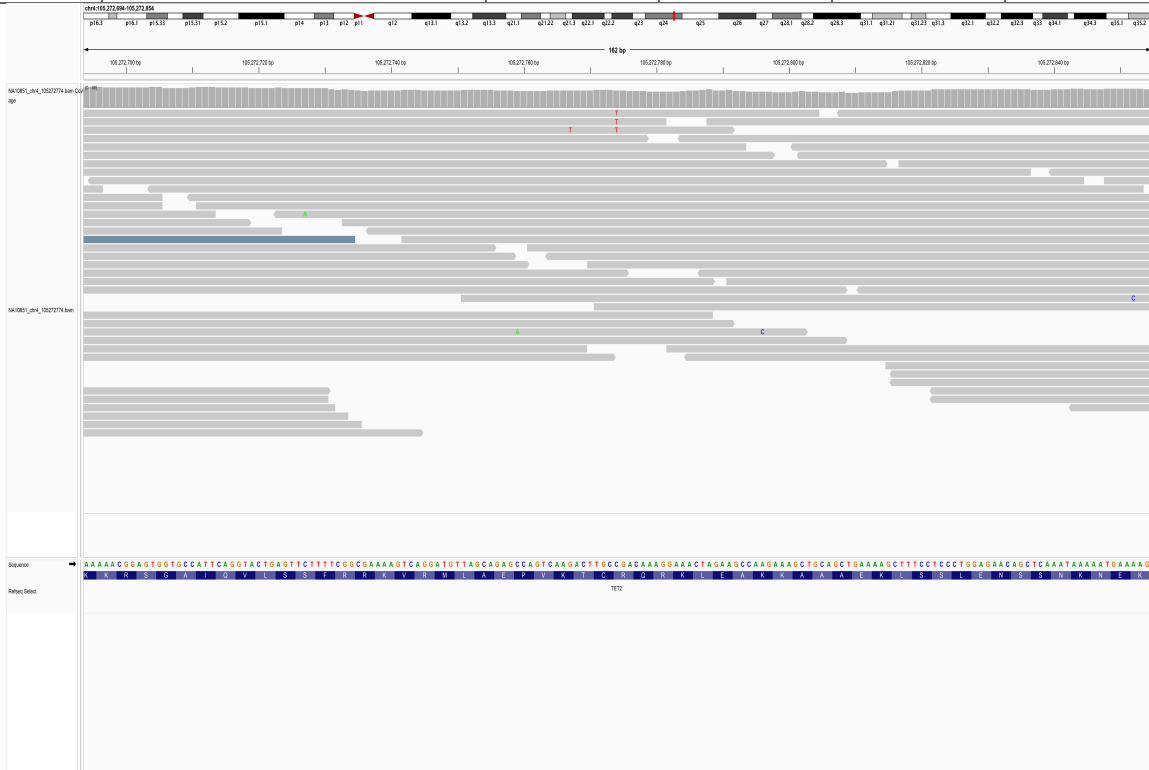
22.15. chr4_105276152_A/G

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG04047	chr4_105276152_A/G	43	4	TET2	missense_variant



22.16. chr4_105272774_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA10851	chr4_105272774_C/T	25	3	TET2	stop_gained



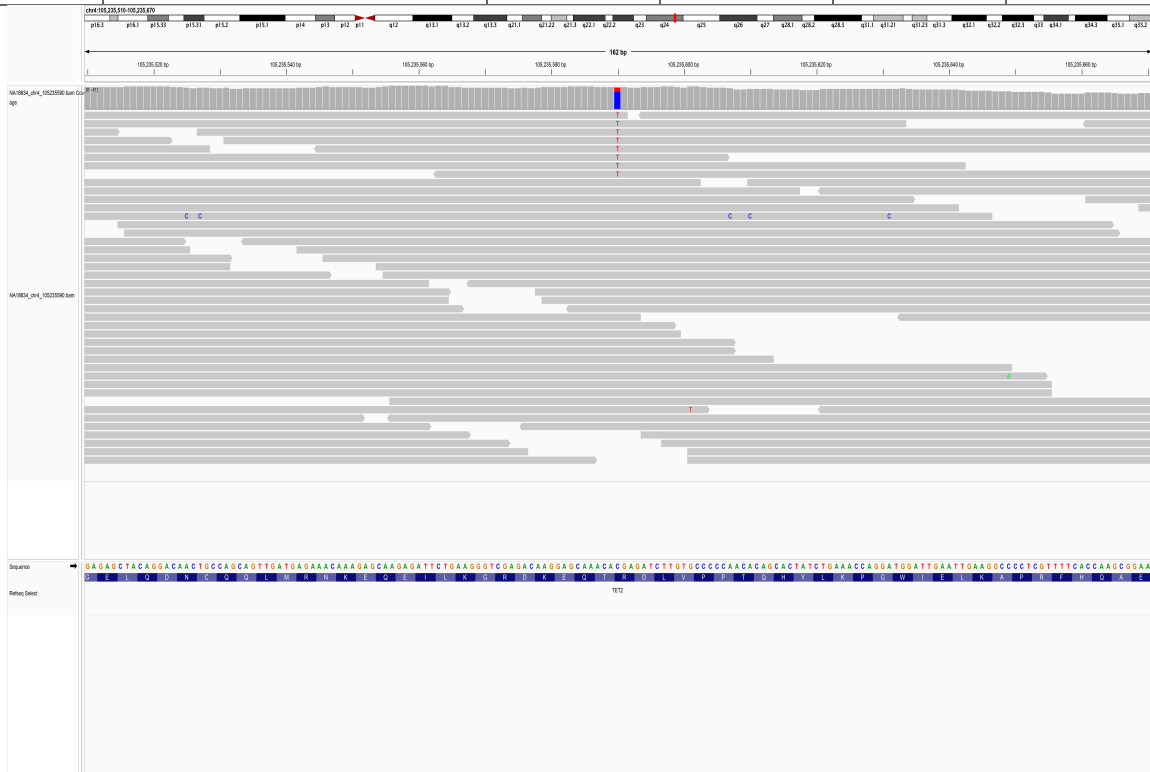
22.17. chr4_105243739_-/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA12762	chr4_105243739_-/A	22	5	TET2	stop_gained



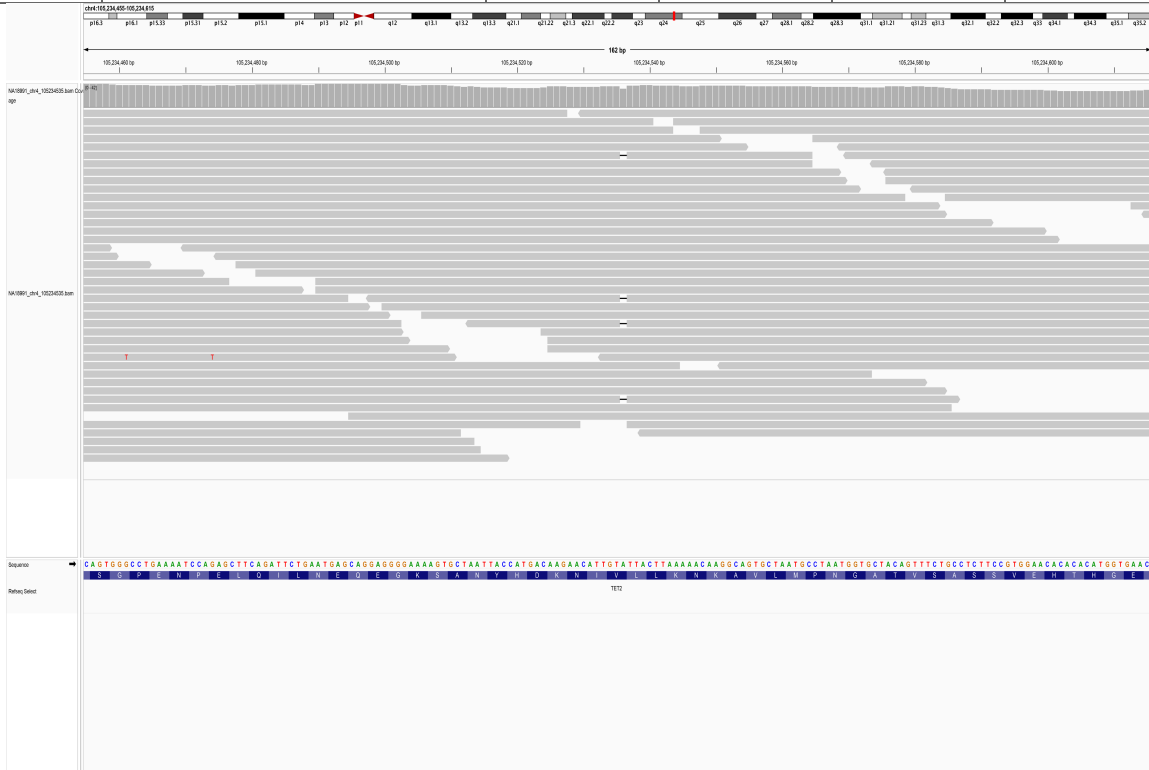
22.18. chr4_105235590_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA18634	chr4_105235590_C/T	29	8	TET2	stop_gained



22.19. chr4_105234536_A/-

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA18991	chr4_105234536_A/-	33	4	TET2	frameshift_variant



22.20. chr4_105237346_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA19222	chr4_105237346_G/A	26	3	TET2	missense_variant



22.21. chr4_105259675_T/G

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA19327	chr4_105259675_T/G	42	5	TET2	missense_variant



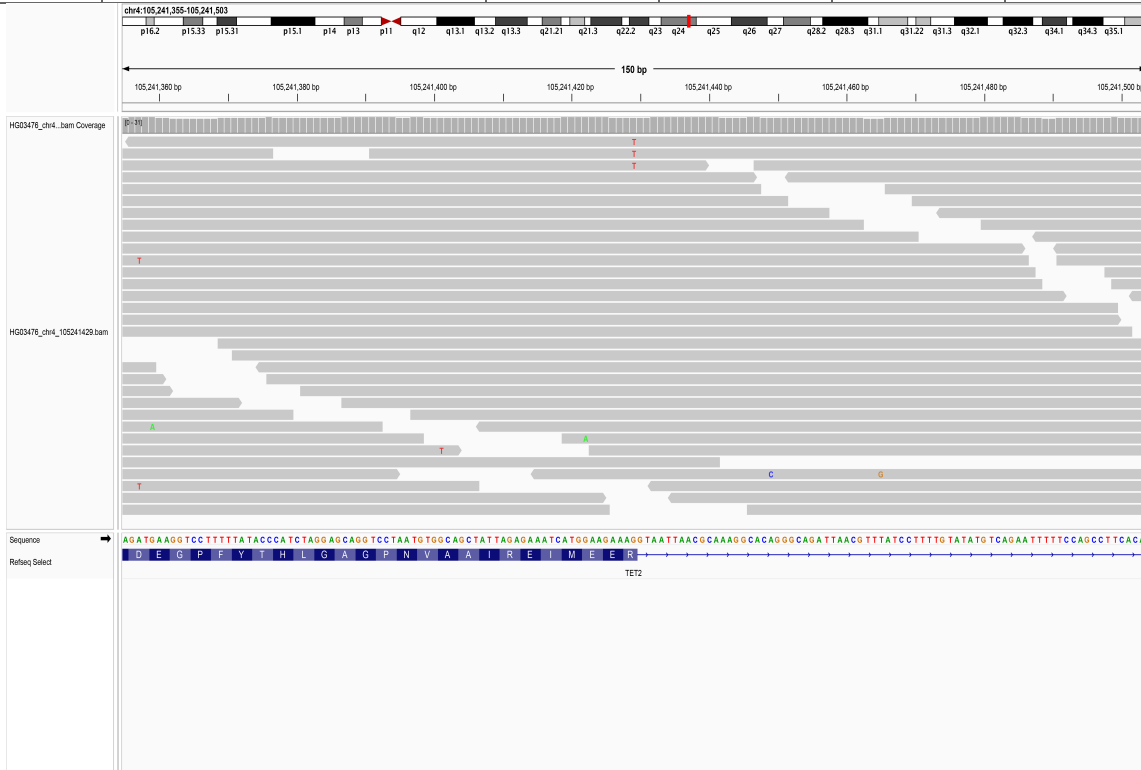
22.22. chr4_105242911_G/A

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA20581	chr4_105242911_G/A	27	10	TET2	missense_variant



22.23. chr4_105241429_G/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG03476	chr4_105241429_G/T	26	3	TET2	missense_variant



23. TP53

23.1. chr17_7675229_GGGGAGTACTGTAGGAAGAGGAAGGAGACAGAGTT/-

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG02221	chr17_7675229_GGGGAGT ACTGTAGGAAGAGGAAG GAGACAGAGTT/-	47	4	TP53	splice_acceptor_varia nt



23.2. chr17_7674252_C/T

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
HG03742	chr17_7674252_C/T	31	4	TP53	missense_variant



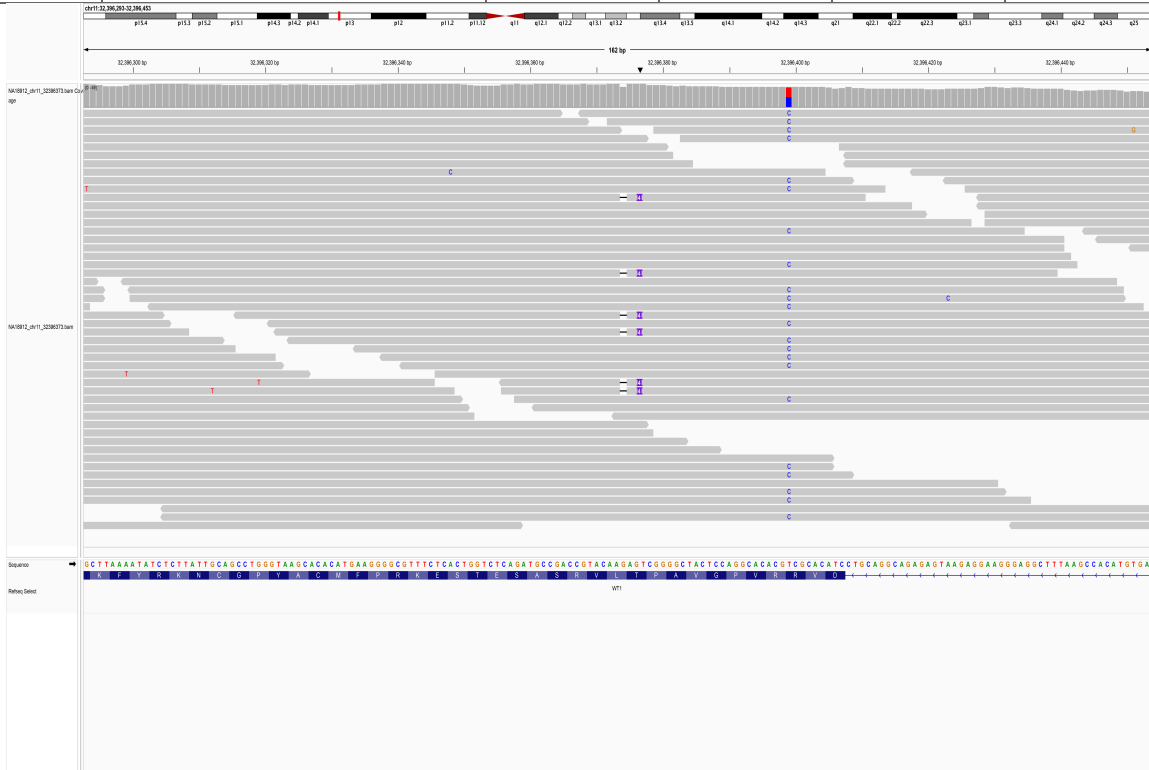
24.2. chr11_32396377_-/GACC

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA18912	chr11_32396377_-/GACC	42	6	WT1	frameshift_variant



24.3. chr11_32396374_G/-

SampleID	Variants (GRCh38)	Ref_depth	Alt_depth	Gene	Consequence
NA18912	chr11_32396374_G/-	42	6	WT1	frameshift_variant



Reference:

1. Jaiswal, S., Natarajan, P., Silver, A.J., Gibson, C.J., Bick, A.G., Shvartz, E., McConkey, M., Gupta, N., Gabriel, S., Ardissino, D., et al. (2017). Clonal Hematopoiesis and Risk of Atherosclerotic Cardiovascular Disease. *N. Engl. J. Med.* 377, 111–121.