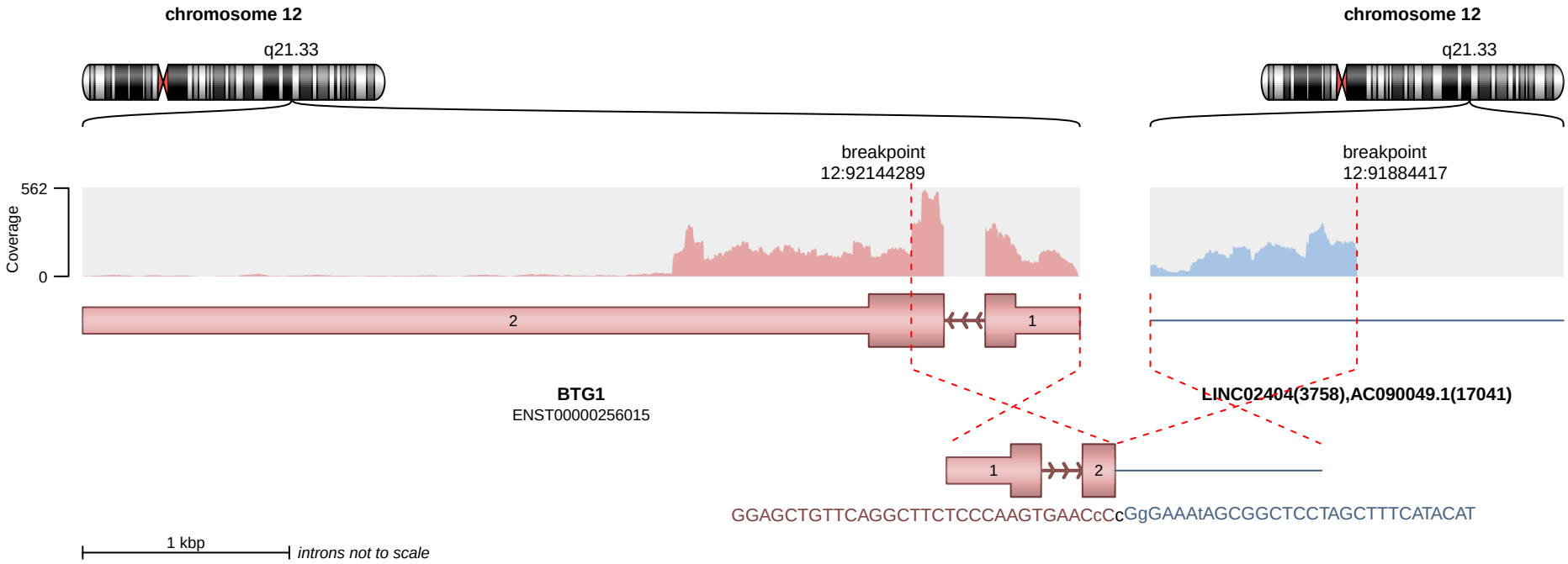
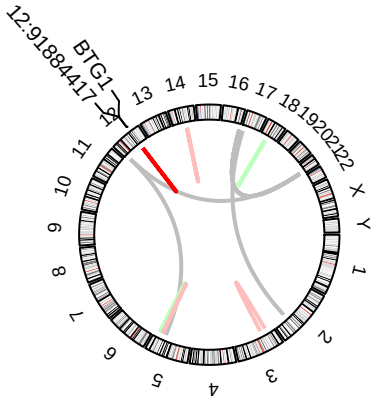
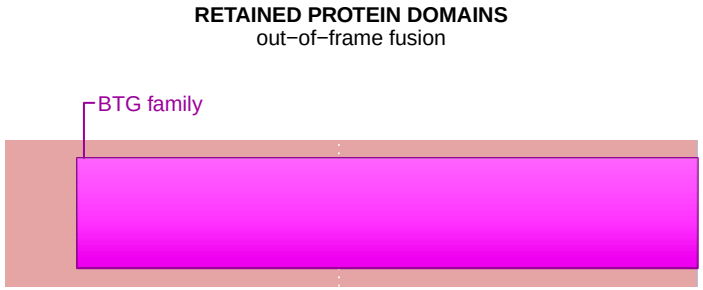


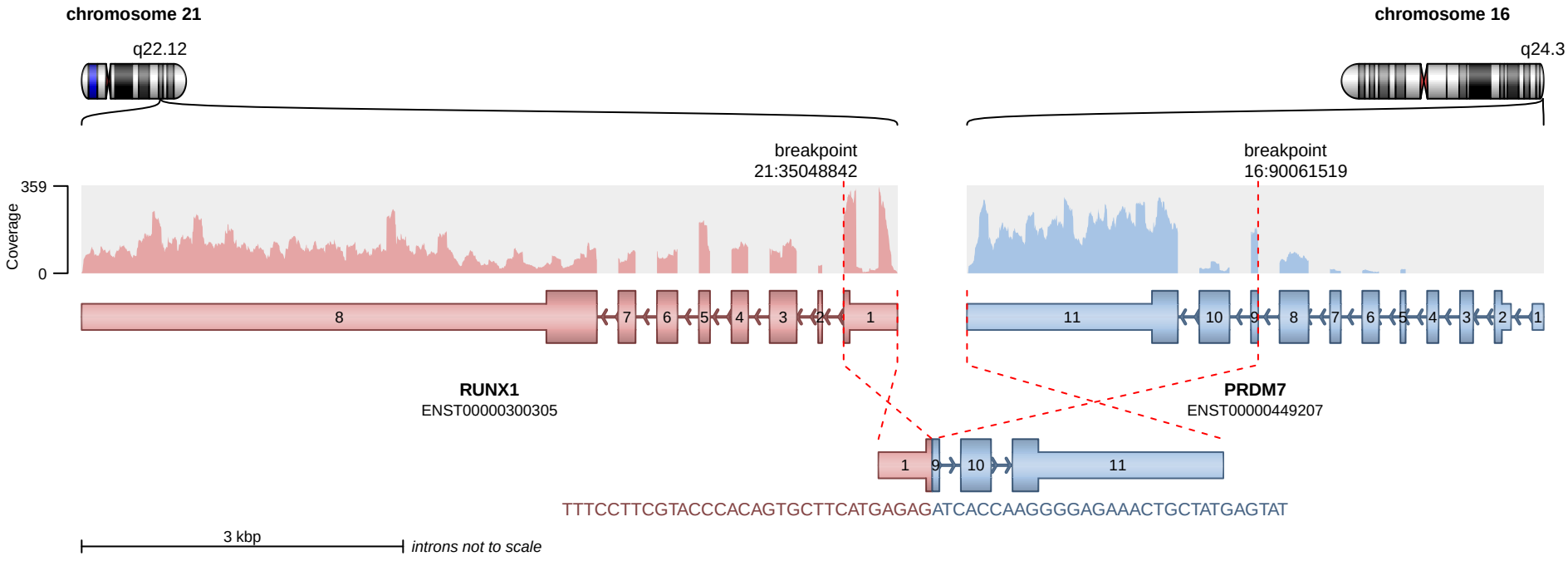


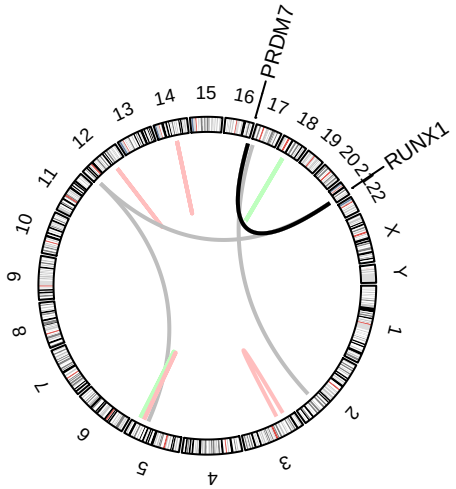


SUPPORTING READ COUNT

Split reads = 88
Discordant mates = 32

translocation
deletion
duplication
inversion



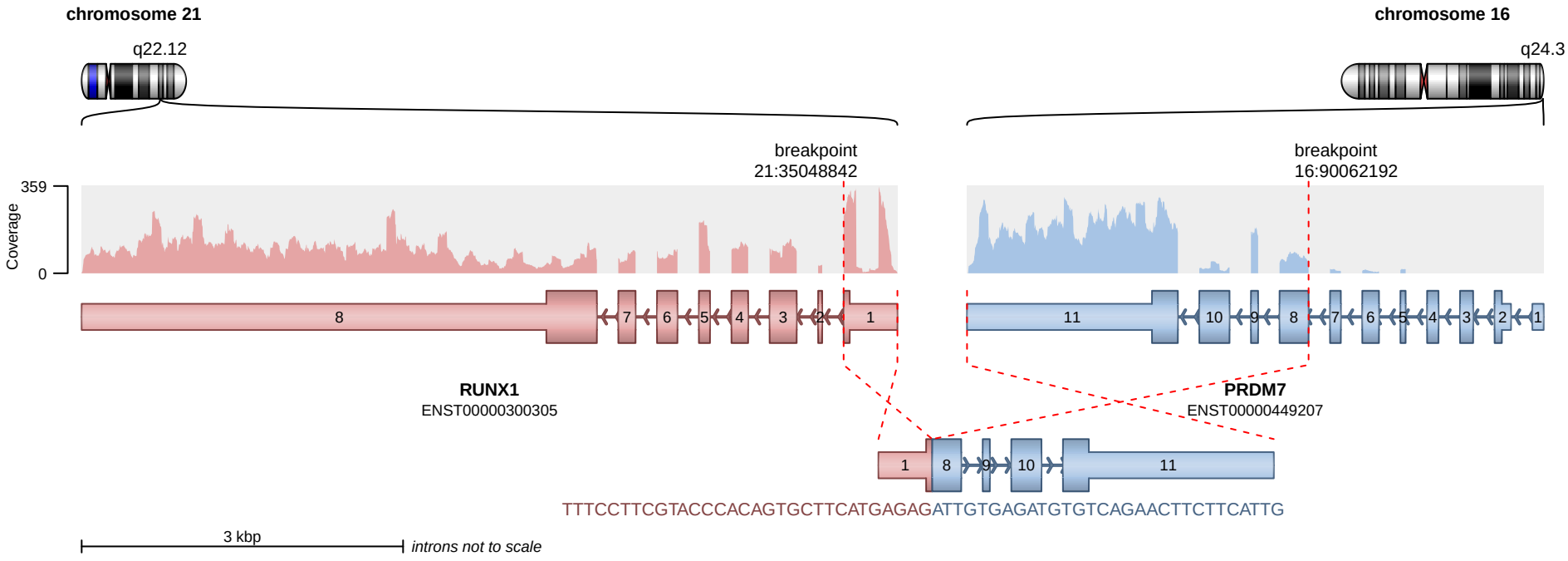


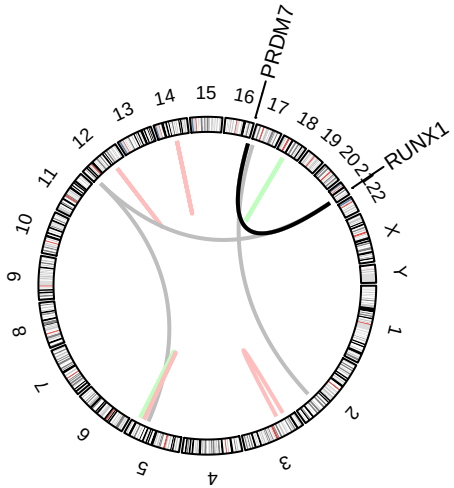
translocation
deletion
duplication
inversion

No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 54
Discordant mates = 16

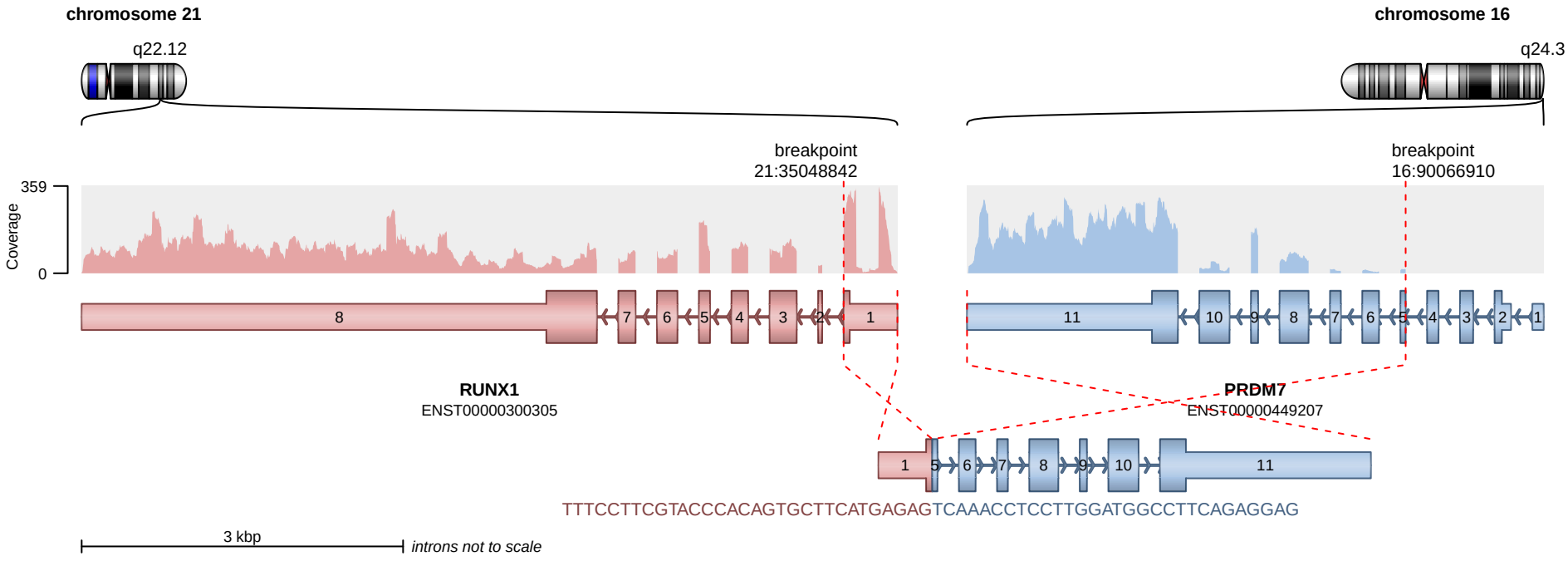


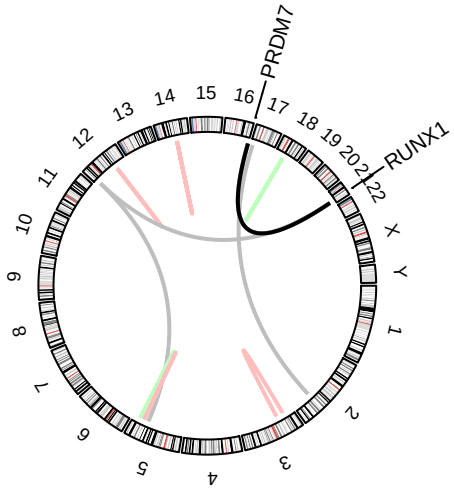


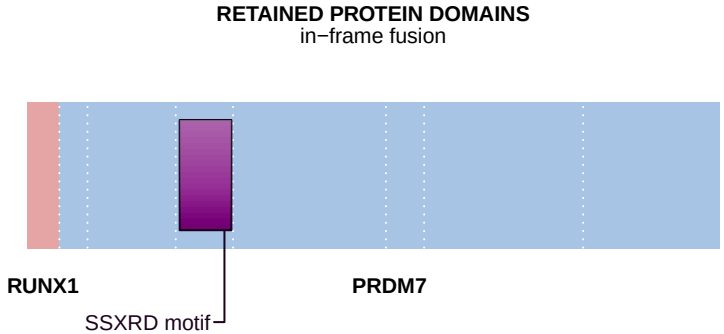
No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 12
Discordant mates = 24



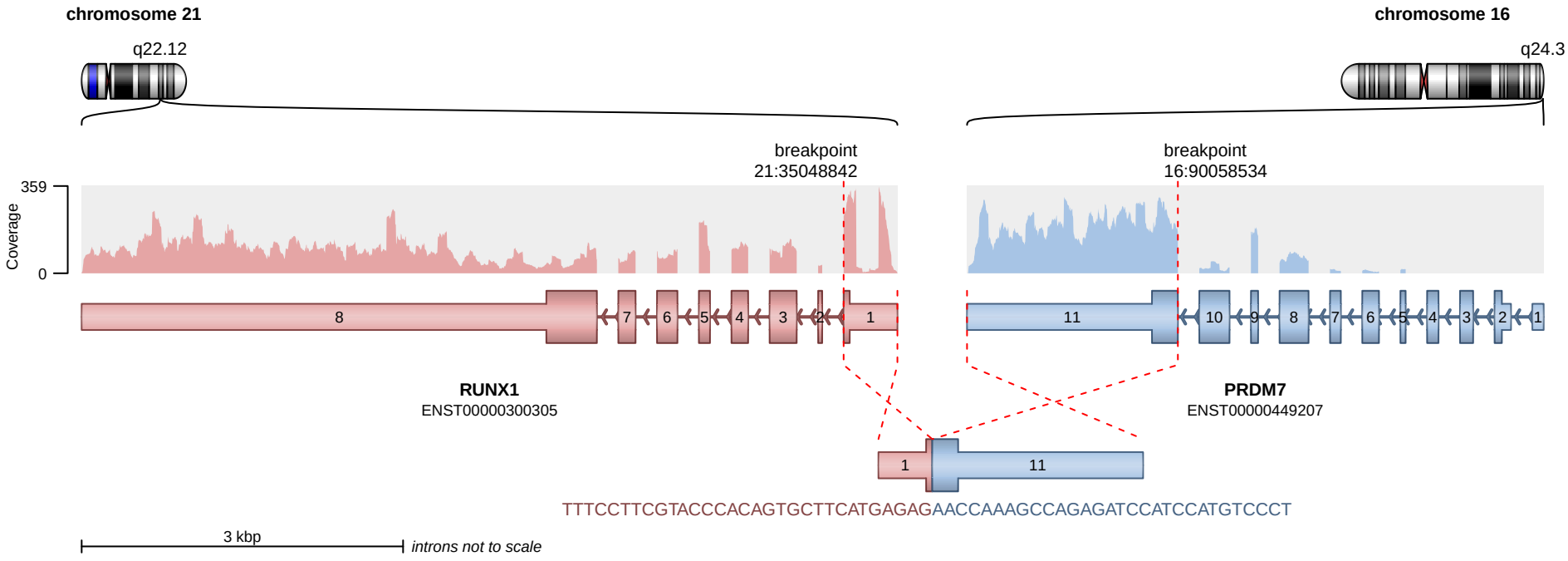


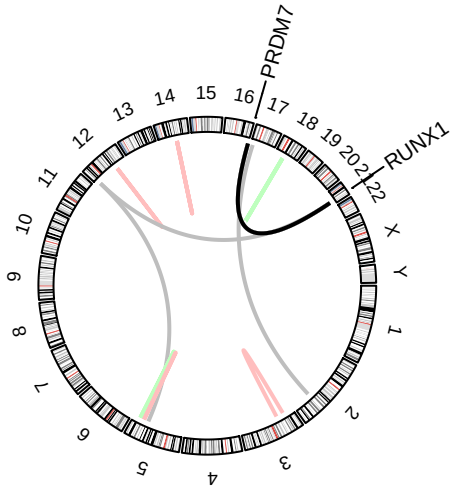


SUPPORTING READ COUNT

Split reads = 7
Discordant mates = 26

translocation
deletion
duplication
inversion



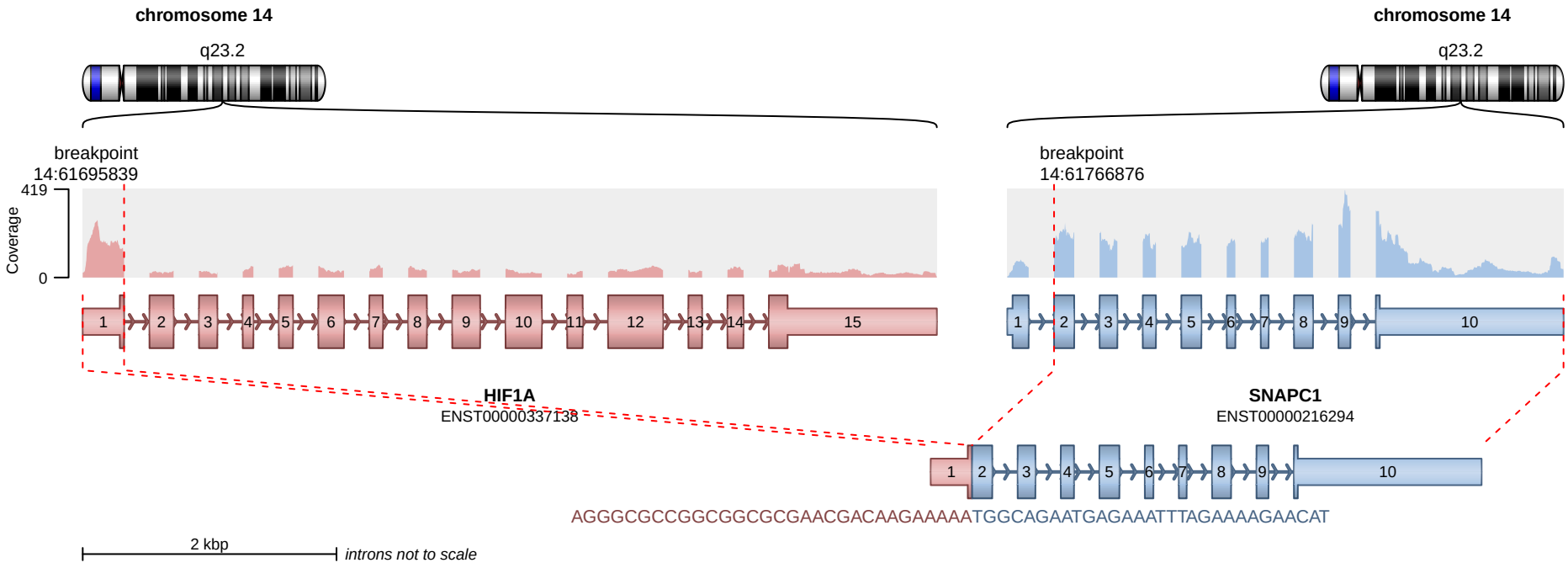


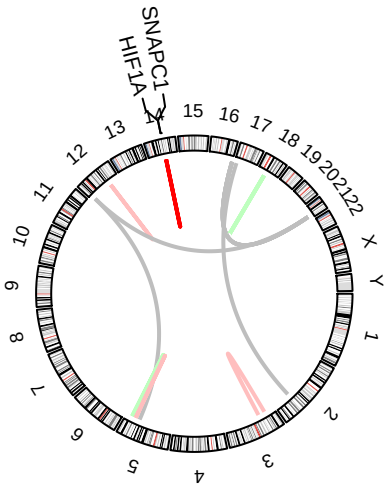
translocation
deletion
duplication
inversion

No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 3

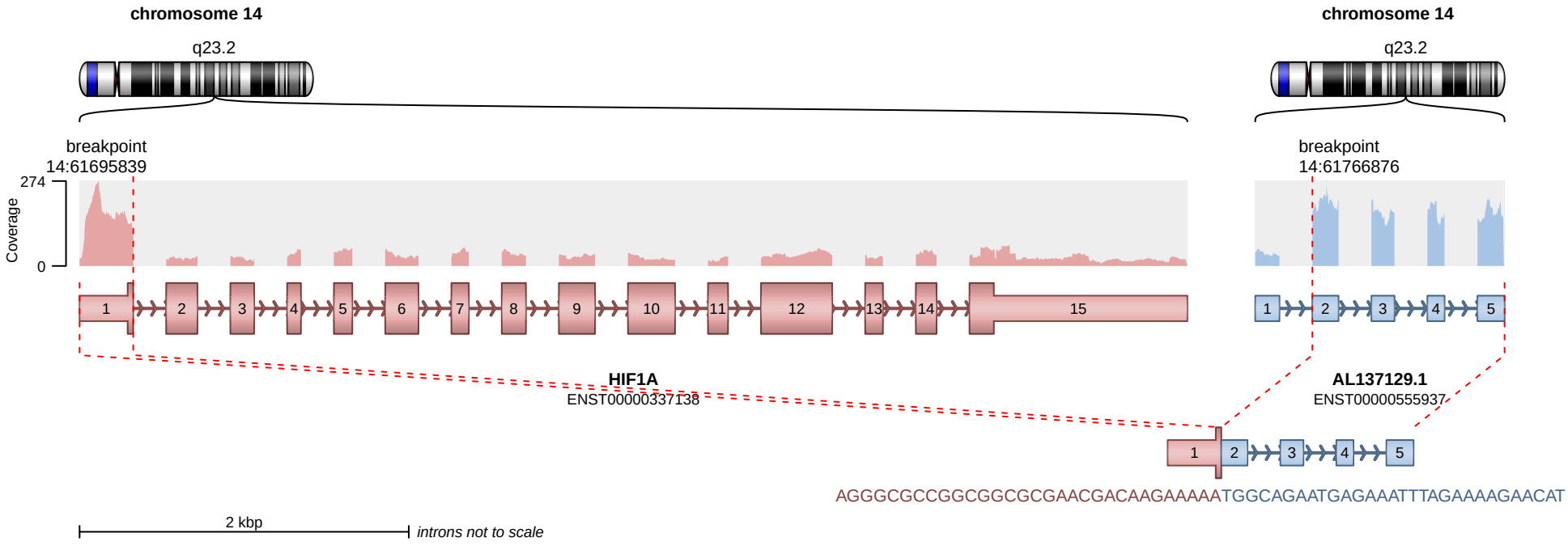


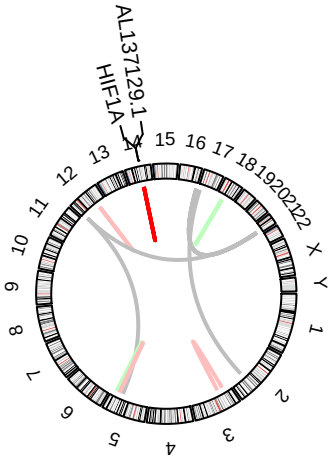


No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 45
Discordant mates = 20



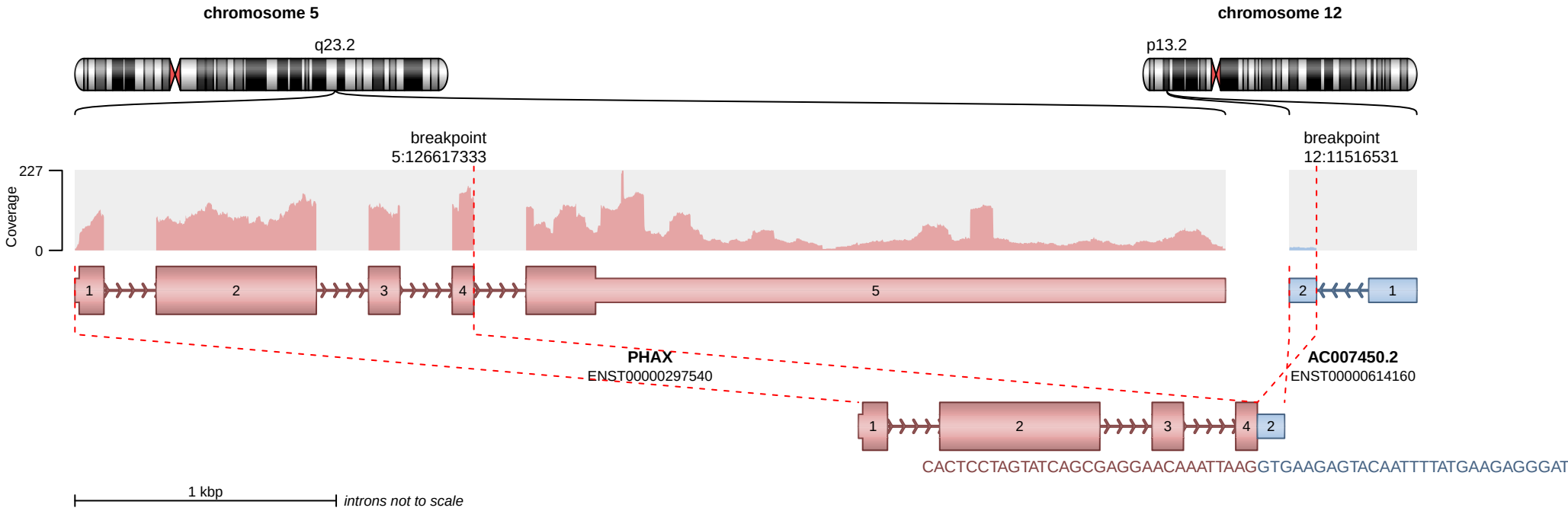


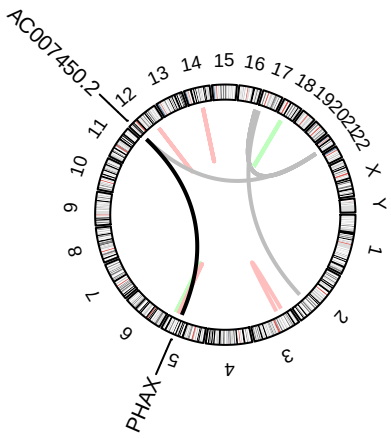
translocation
deletion
duplication
inversion

No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 45
Discordant mates = 19



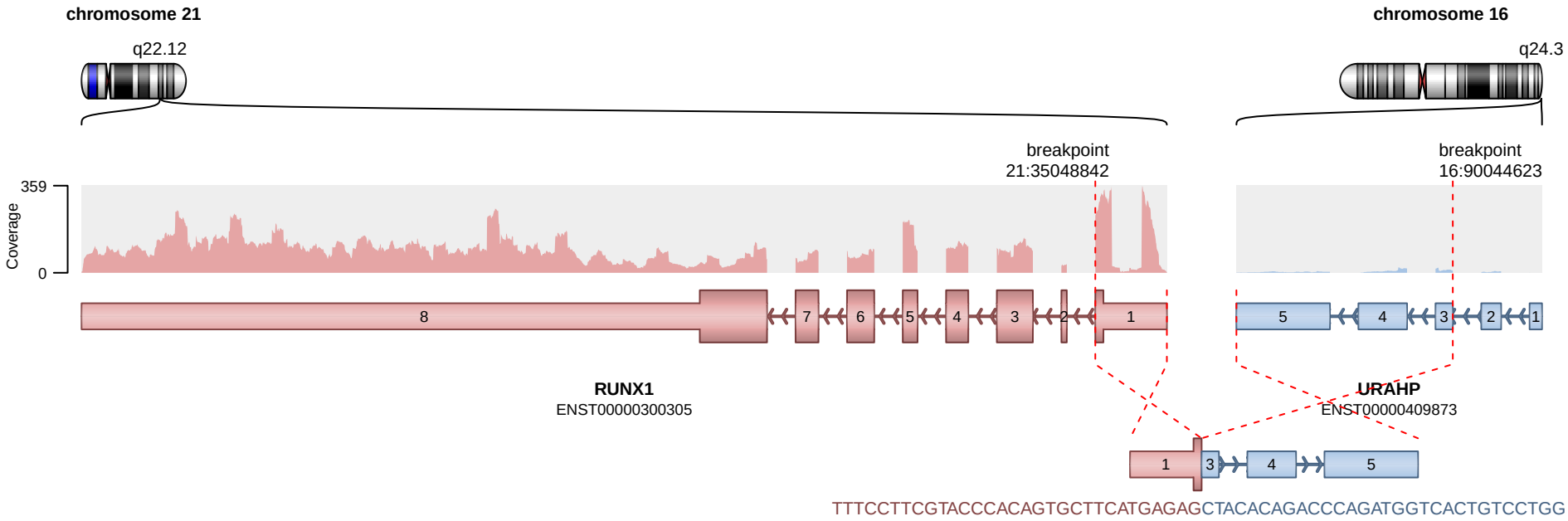


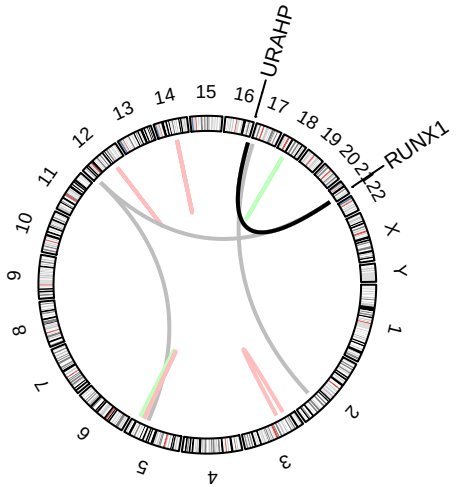
translocation
deletion
duplication
inversion

No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 5
Discordant mates = 1

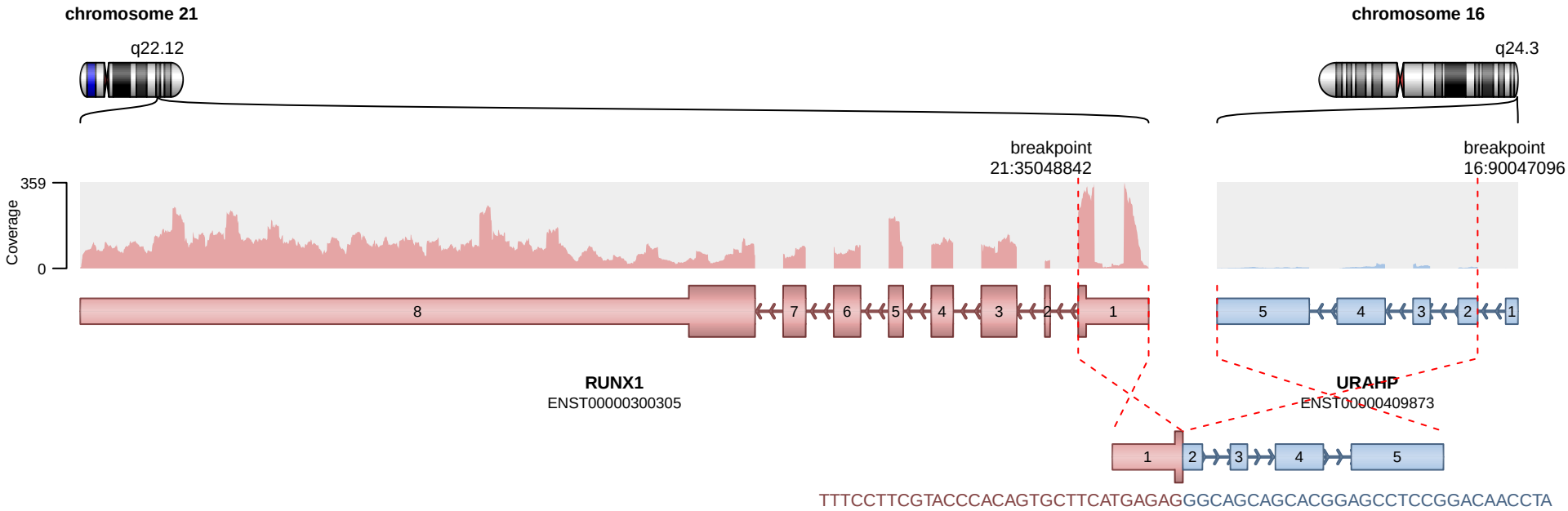


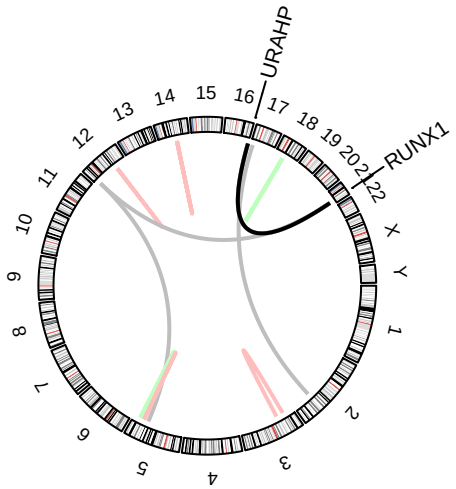


No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 4
Discordant mates = 0



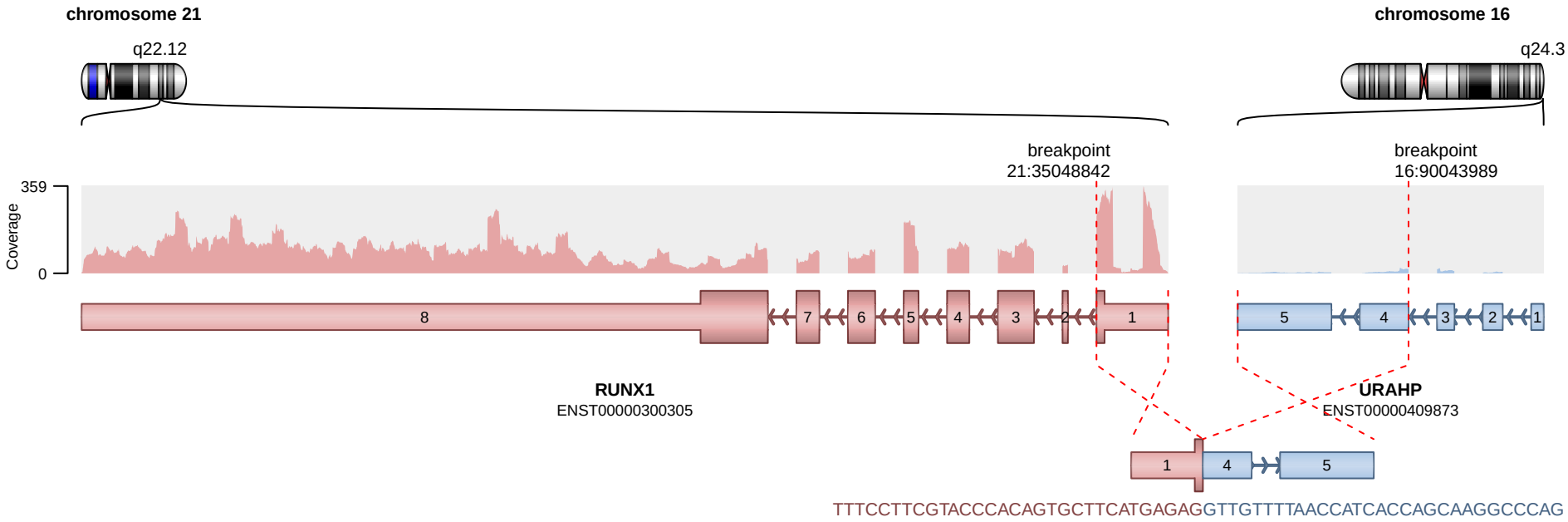


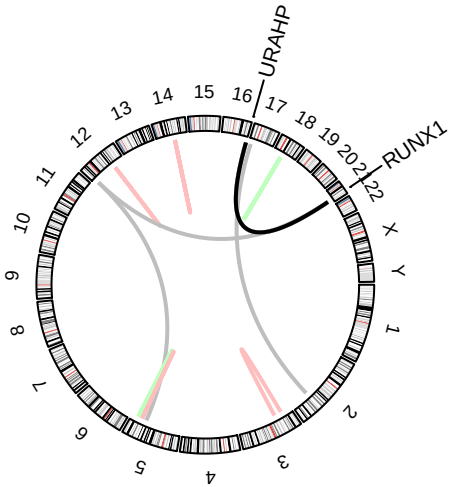
translocation
deletion
duplication
inversion

No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 2
Discordant mates = 0



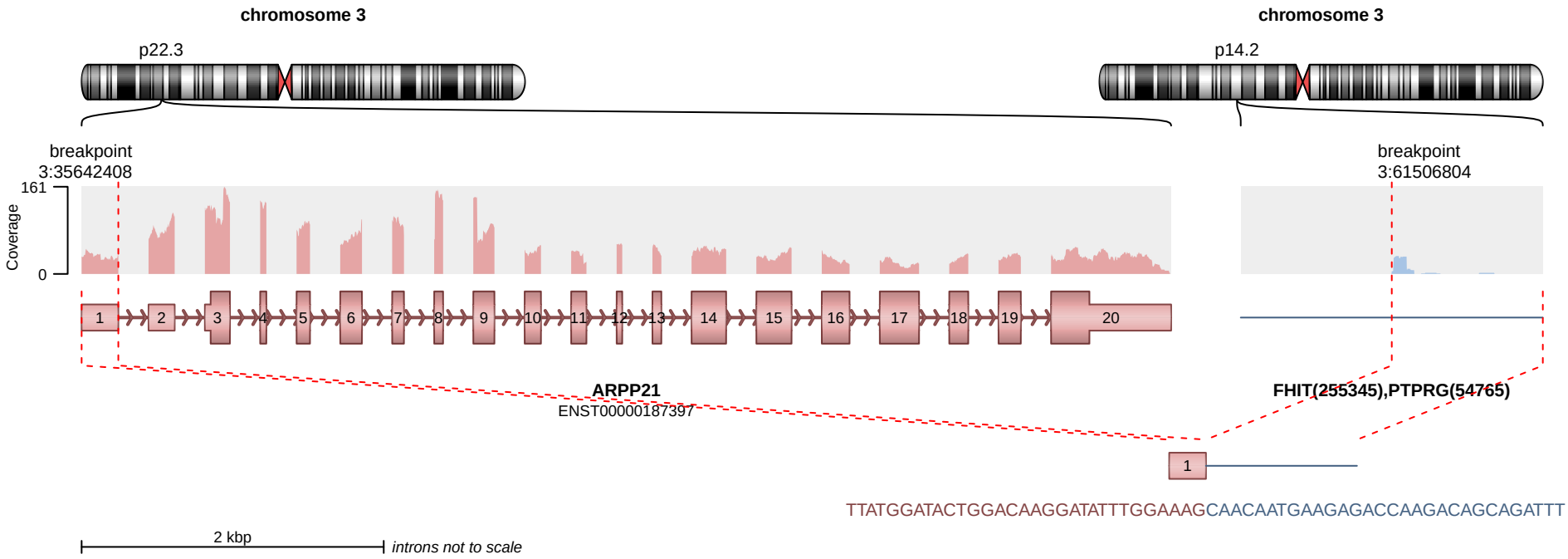


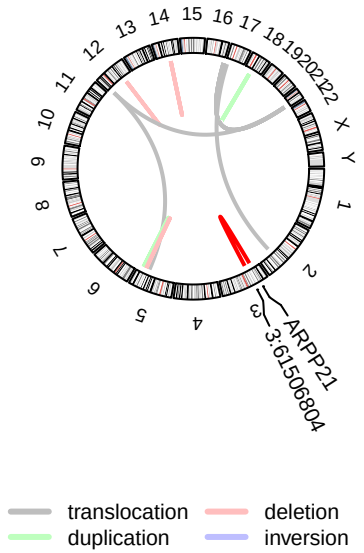
translocation
deletion
duplication
inversion

No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 2
Discordant mates = 0

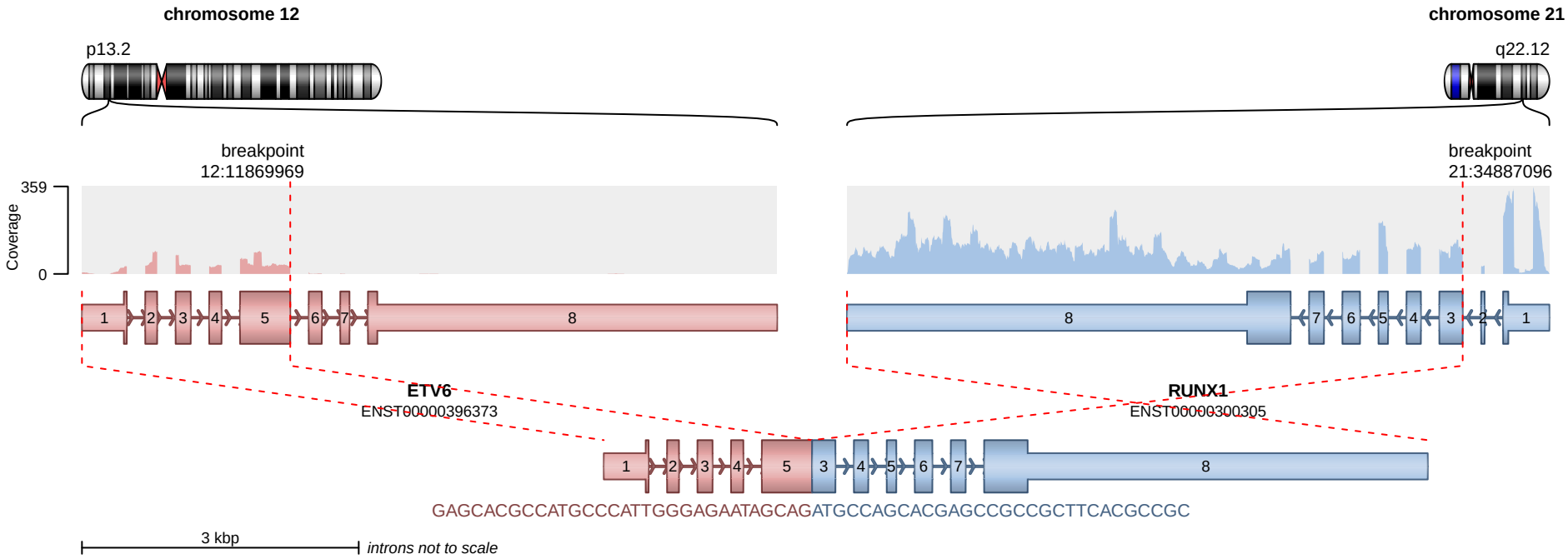


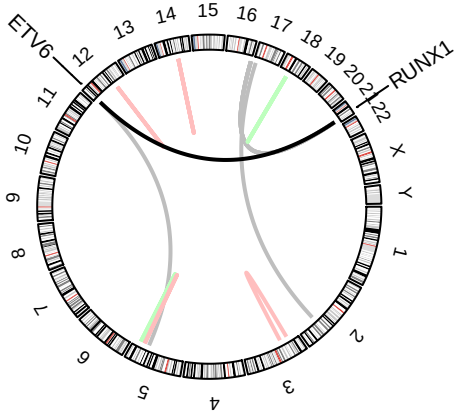


No coding regions retained in fusion transcript.

SUPPORTING READ COUNT

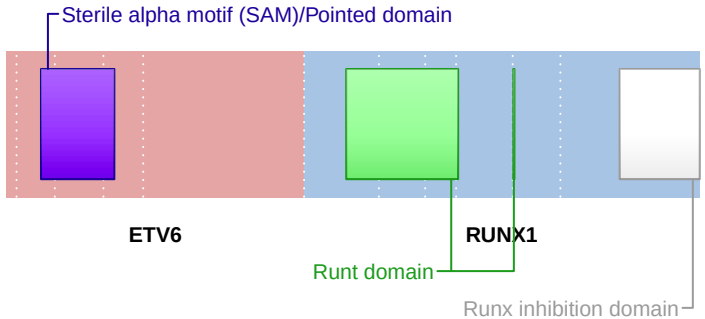
Split reads = 2
Discordant mates = 1





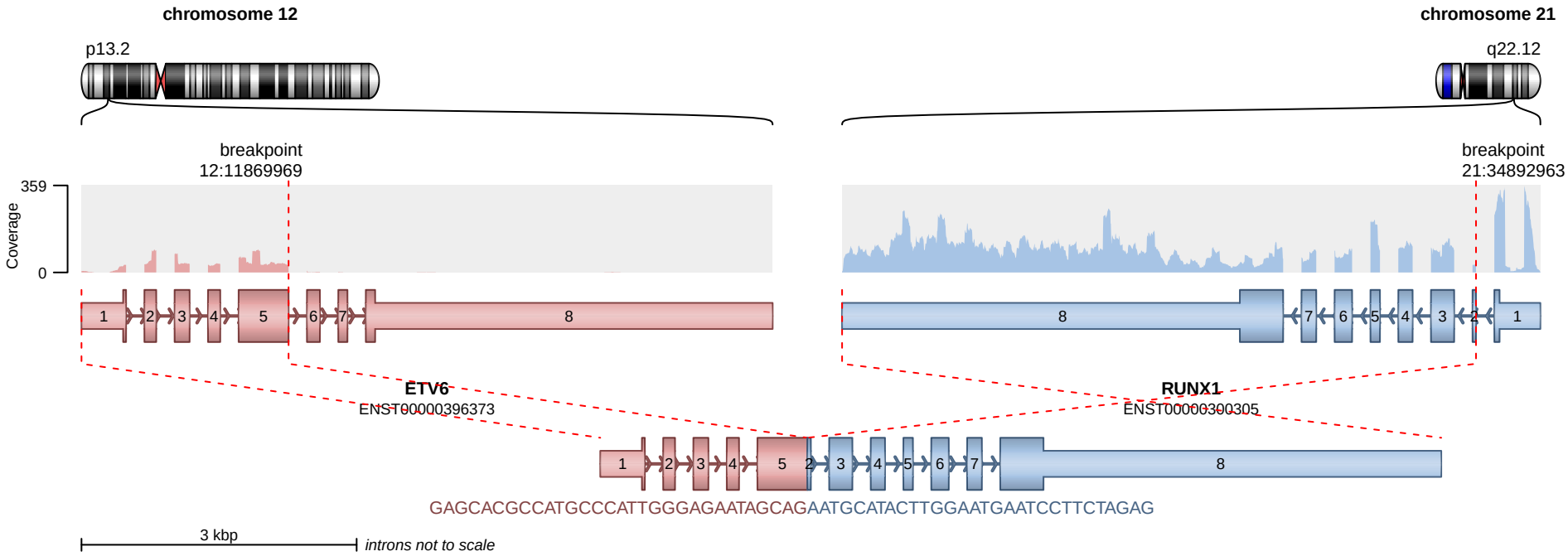
translocation
deletion
duplication
inversion

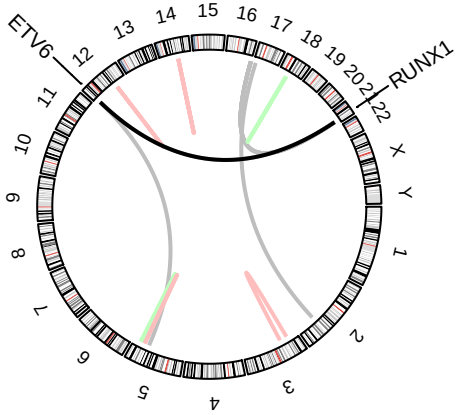
RETAINED PROTEIN DOMAINS
in−frame fusion

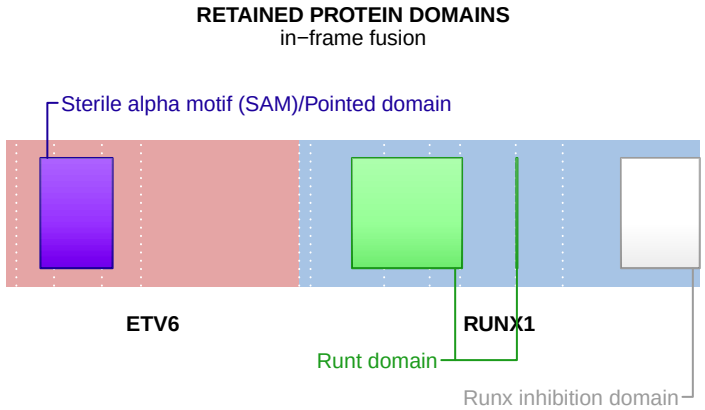


SUPPORTING READ COUNT

Split reads = 3
Discordant mates = 0

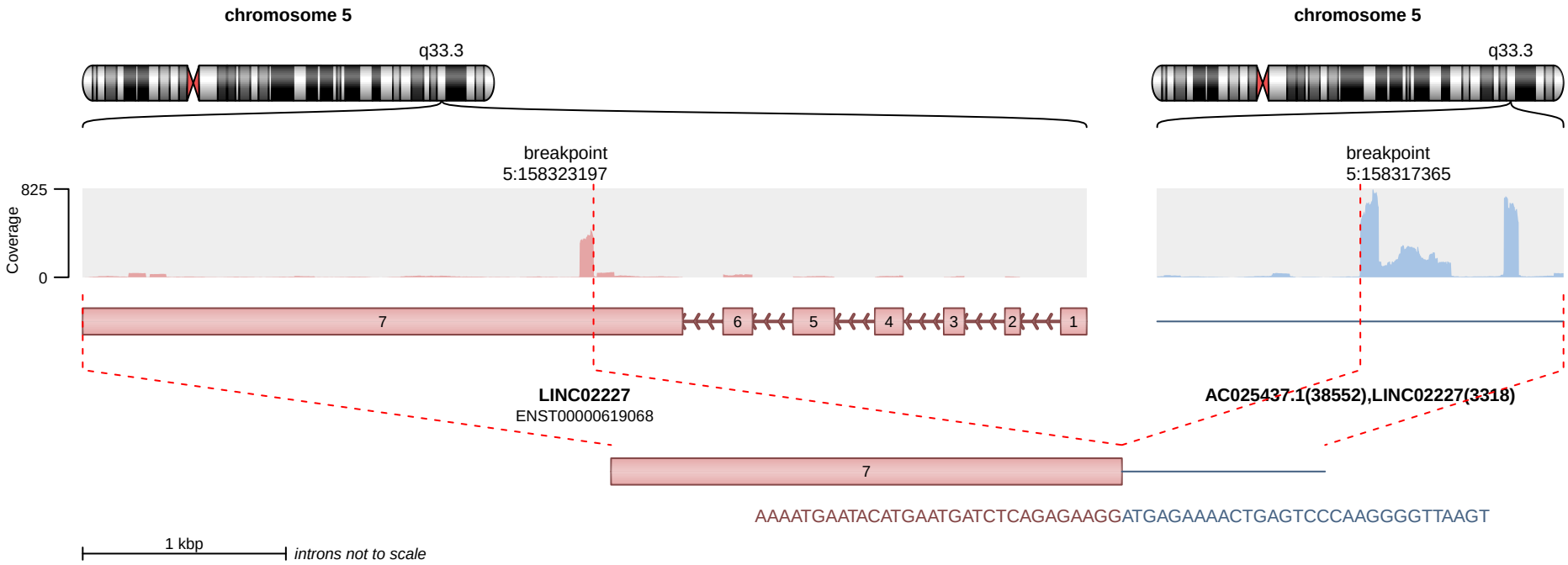


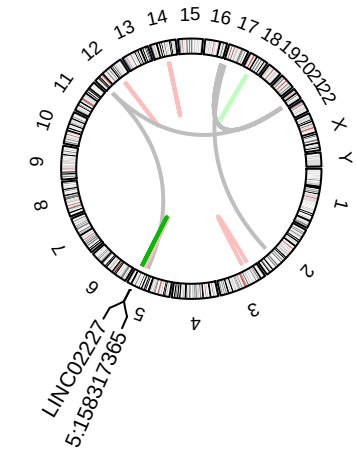




SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 0

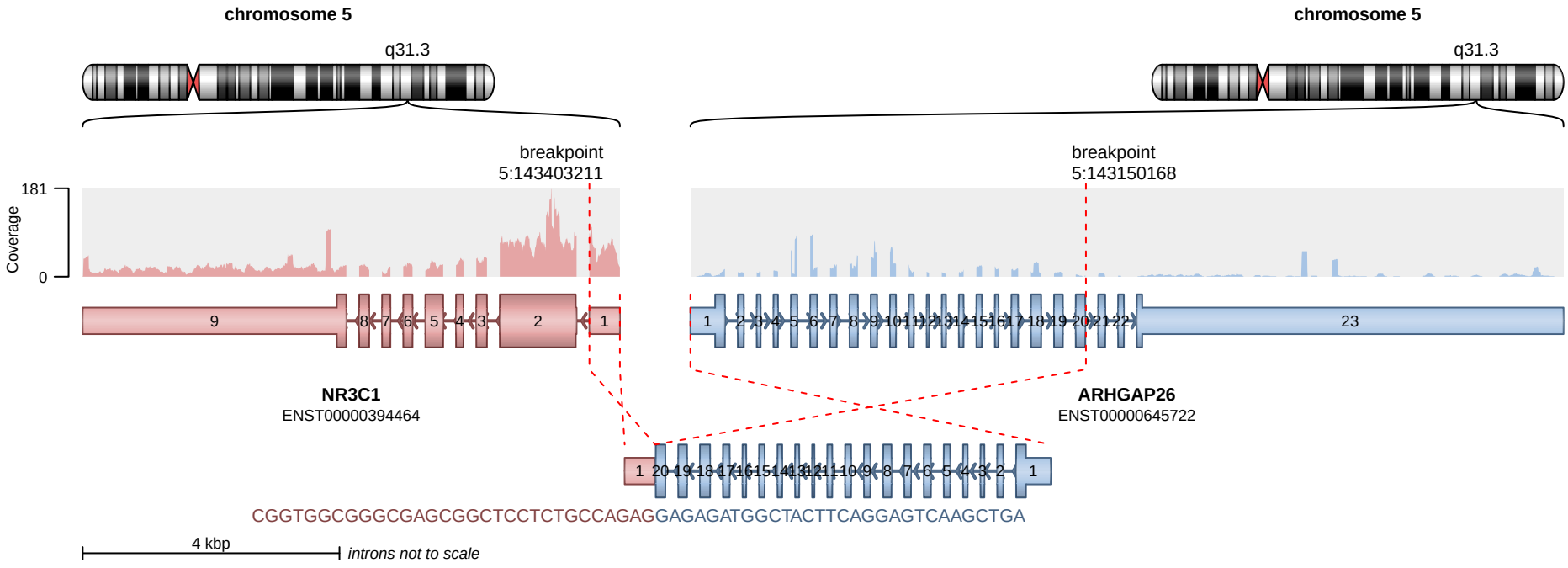


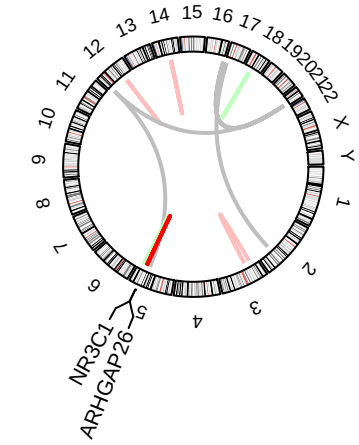


Genes are not protein−coding.

SUPPORTING READ COUNT

Split reads = 50
Discordant mates = 2



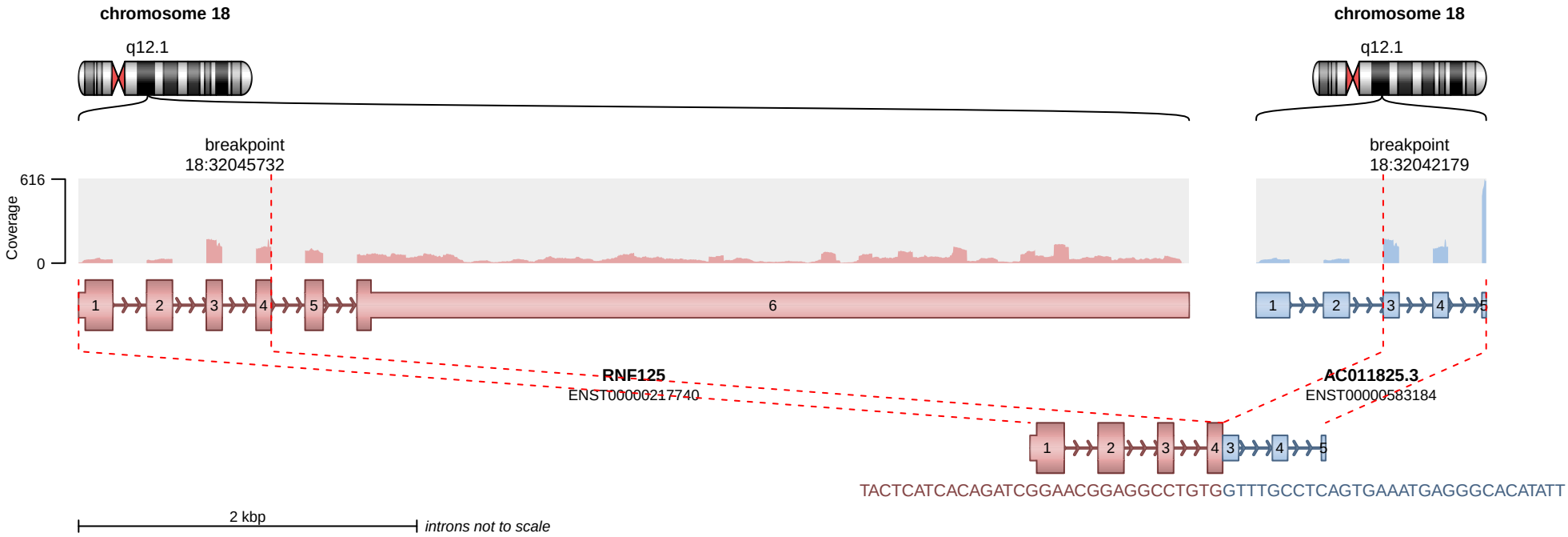


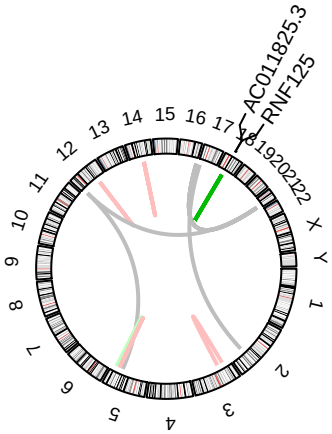
translocation
deletion
duplication
inversion

No coding regions due to antisense transcription.

SUPPORTING READ COUNT

Split reads = 8
Discordant mates = 2



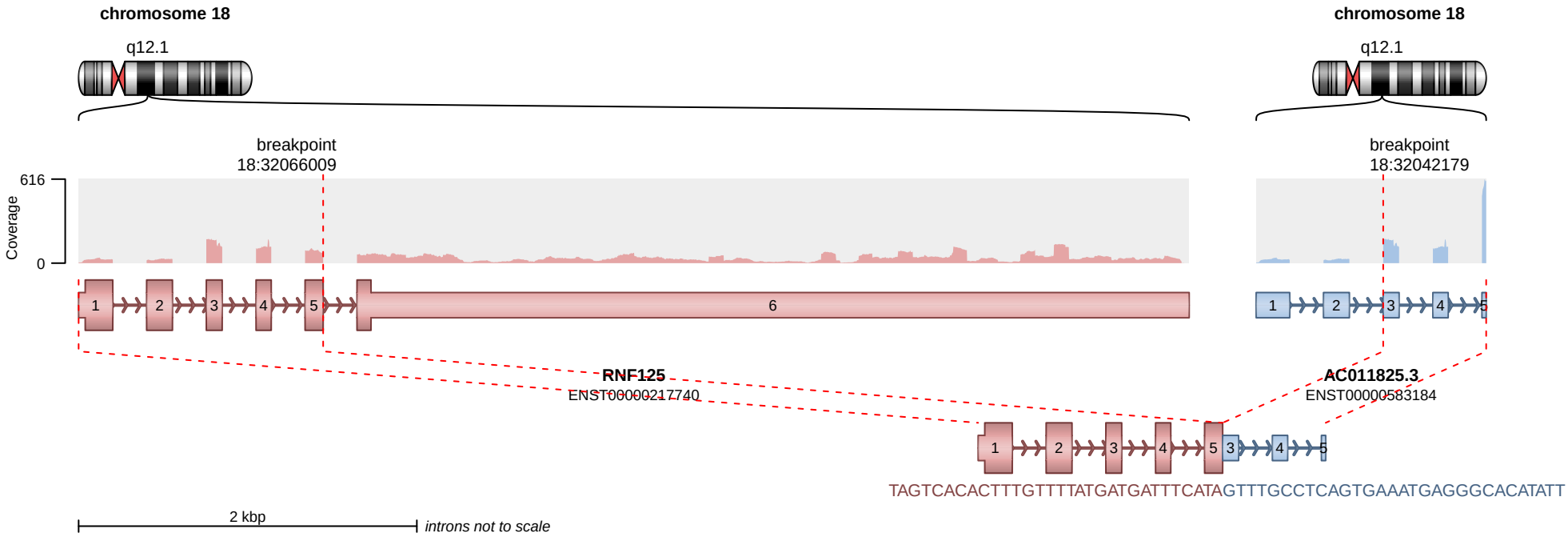


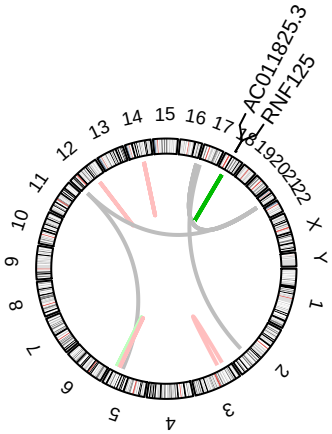
translocation
deletion
duplication
inversion

No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 10
Discordant mates = 0



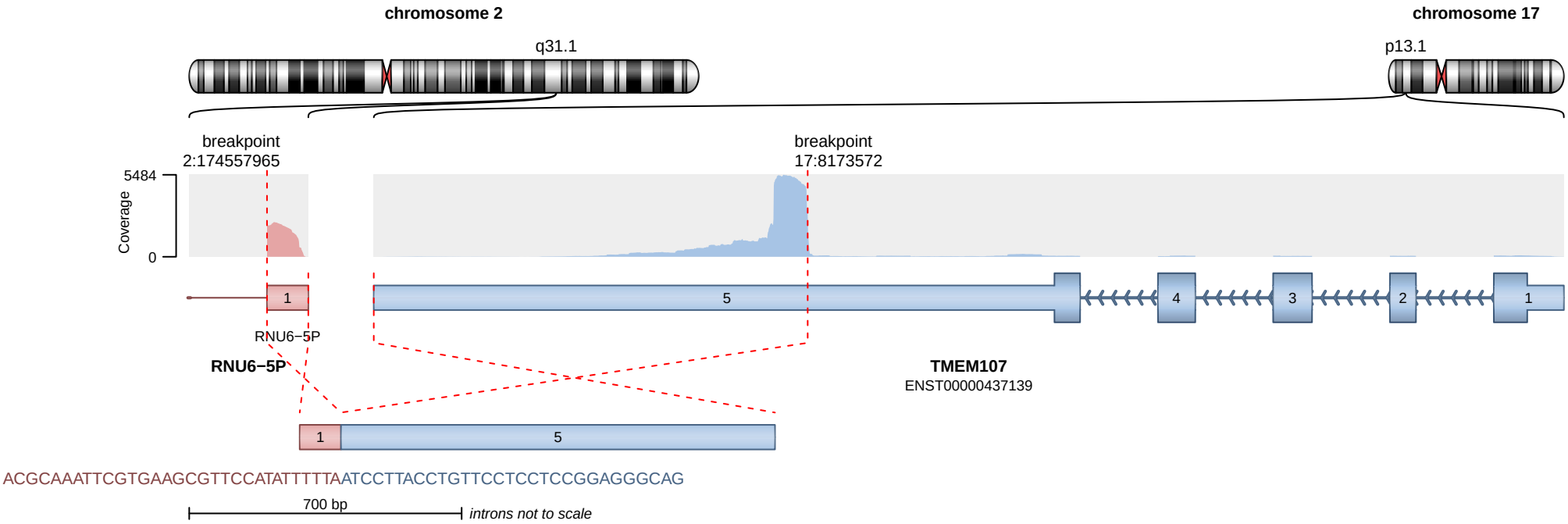


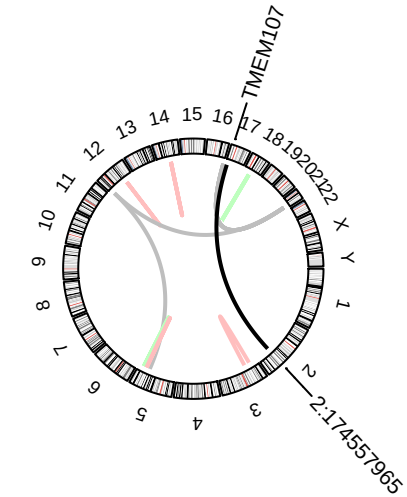
translocation
deletion
duplication
inversion

No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 7
Discordant mates = 1



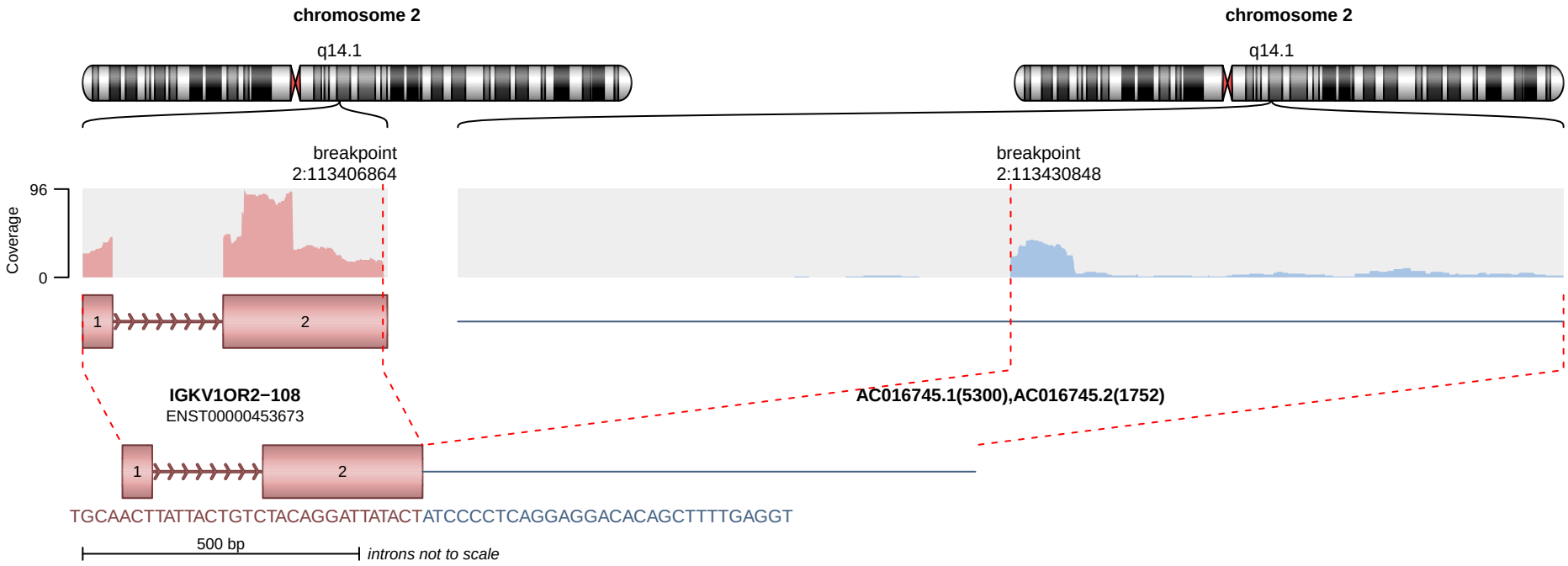


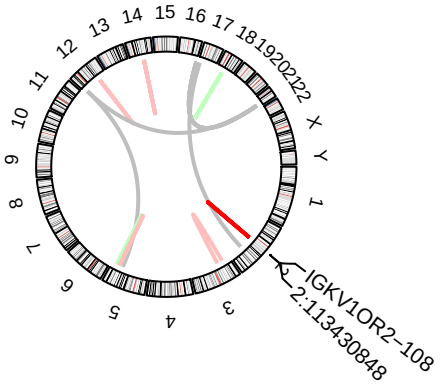
translocation
deletion
duplication
inversion

No coding regions retained in fusion transcript.

SUPPORTING READ COUNT

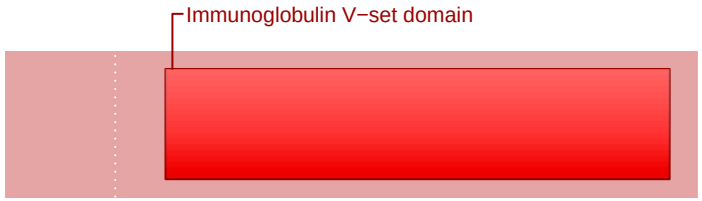
Split reads = 3
Discordant mates = 0





translocation
deletion
duplication
inversion

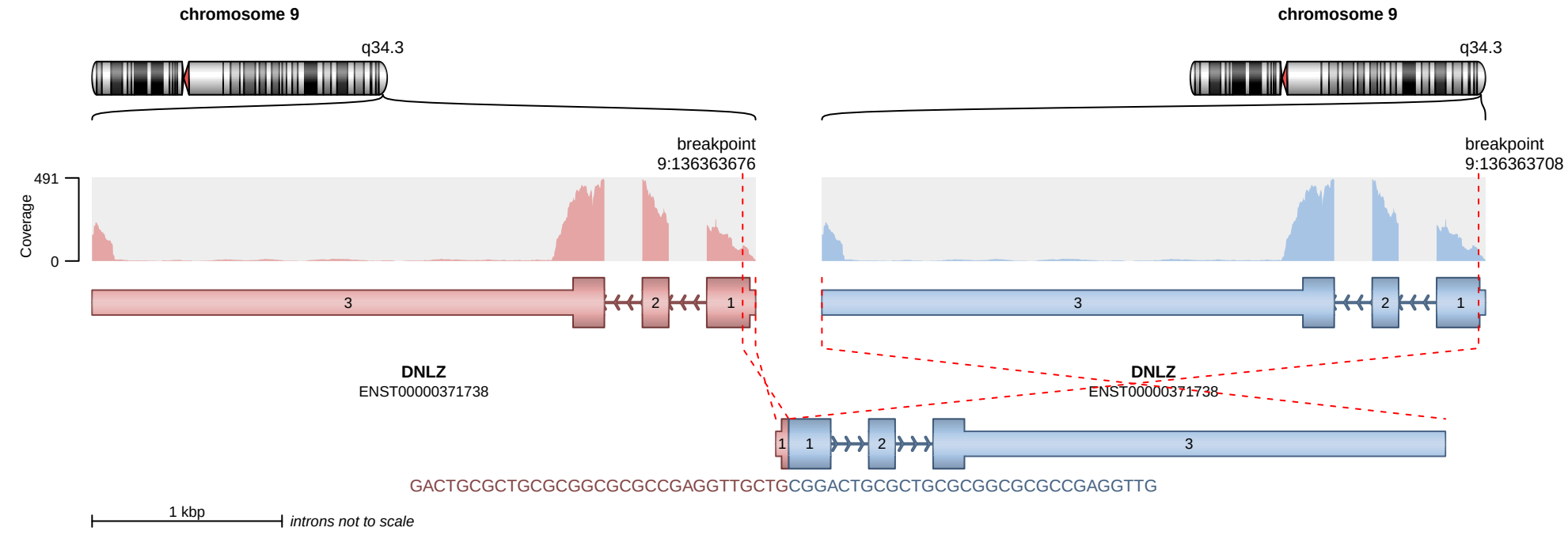
RETAINED PROTEIN DOMAINS
out−of−frame fusion

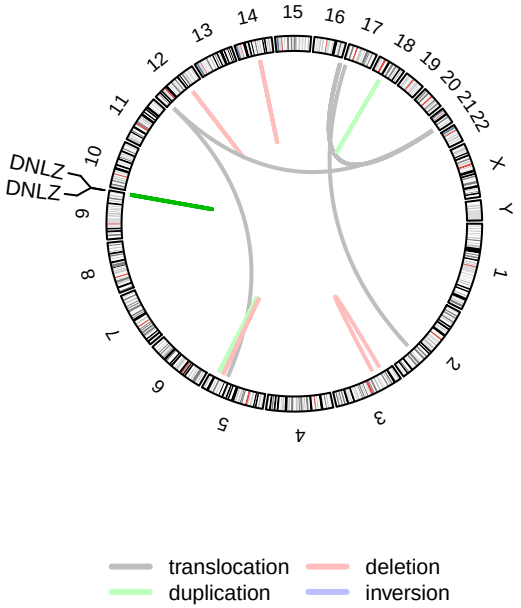


IGKV1OR2−108

SUPPORTING READ COUNT

Split reads = 8
Discordant mates = 10

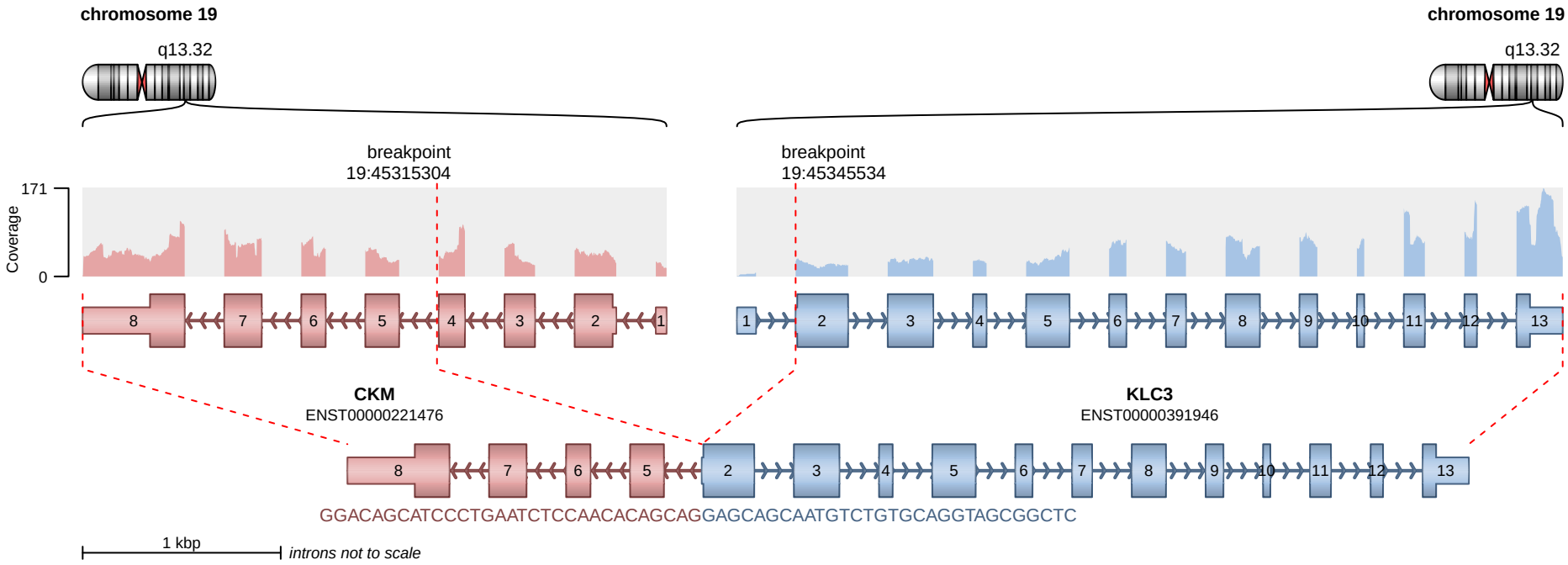


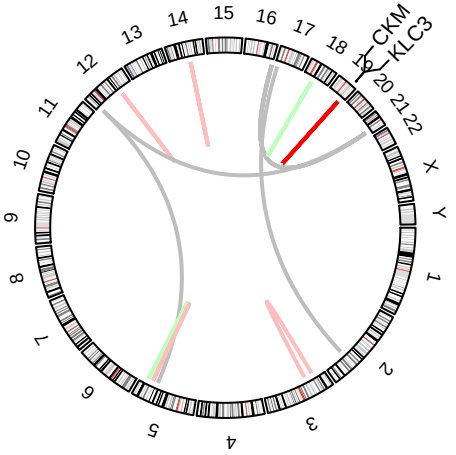


No protein domains retained in fusion.

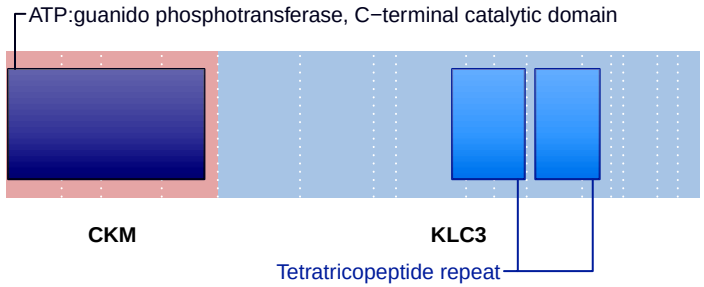
SUPPORTING READ COUNT

Split reads = 13
Discordant mates = 0



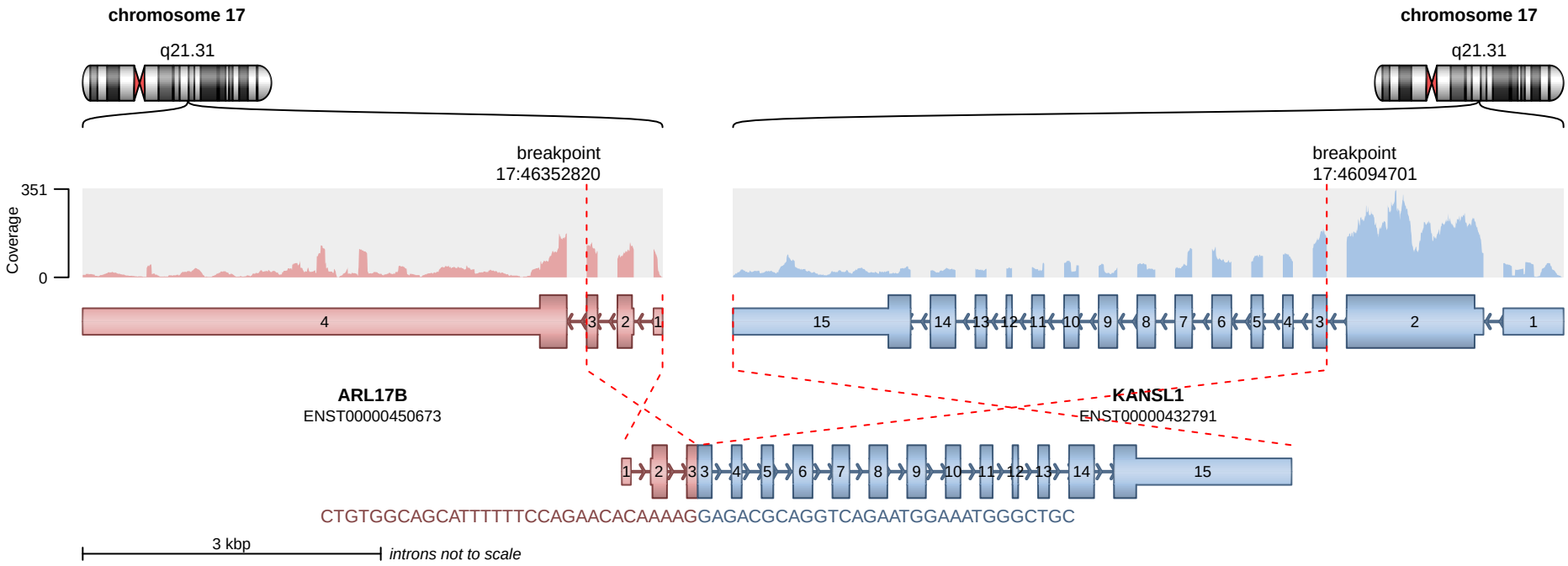


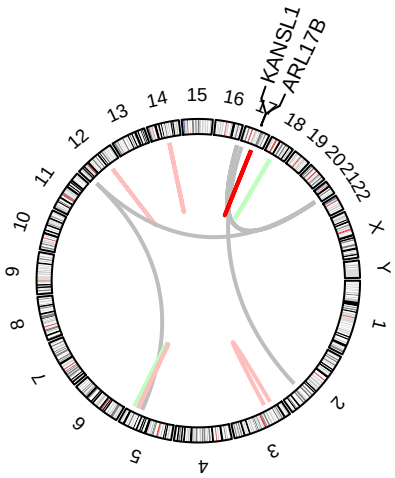
RETAINED PROTEIN DOMAINS
reading frame unclear



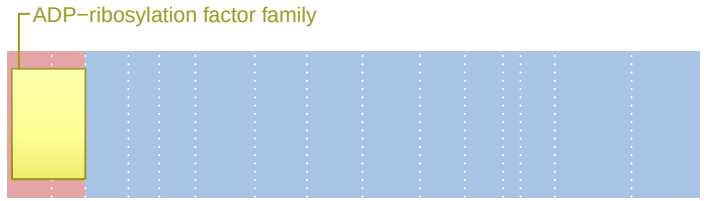
SUPPORTING READ COUNT

Split reads = 8
Discordant mates = 1





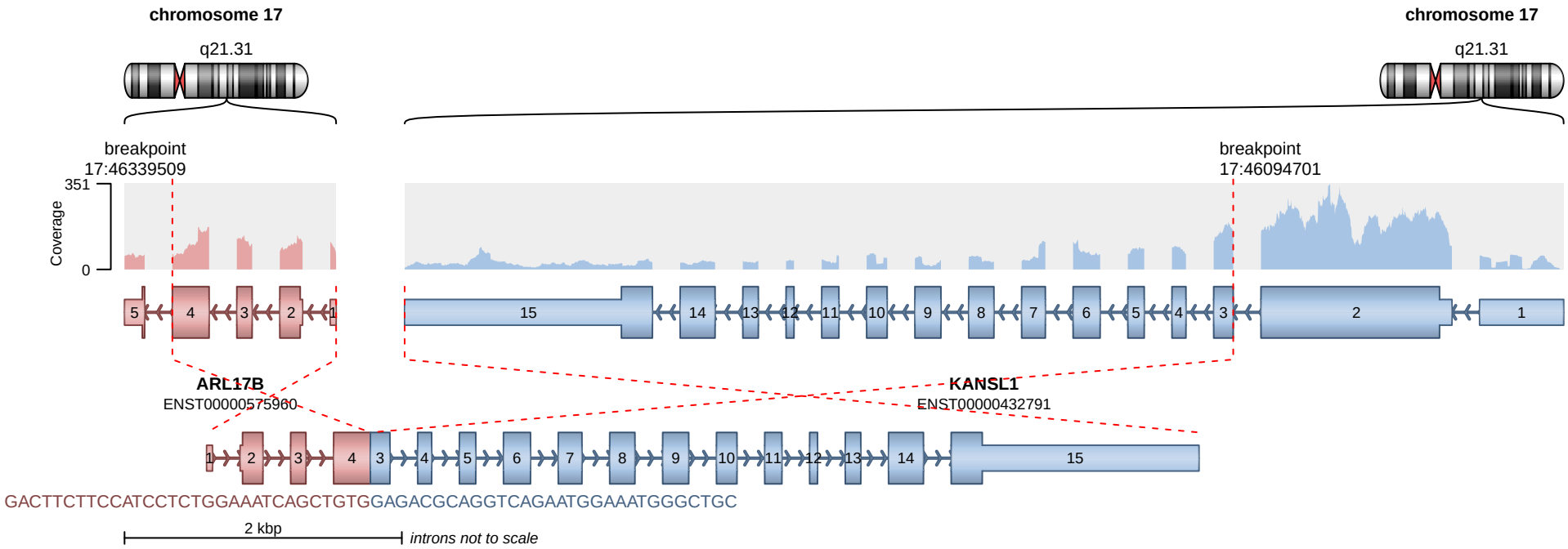
RETAINED PROTEIN DOMAINS
out−of−frame fusion

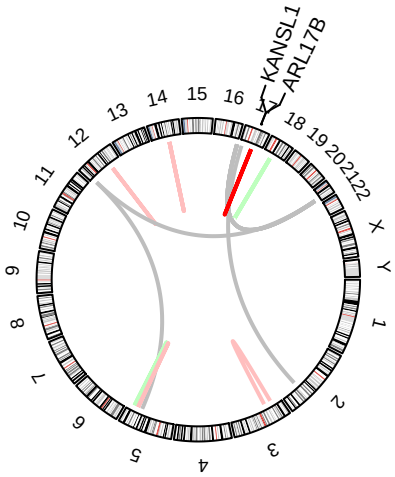


SUPPORTING READ COUNT

Split reads = 7
Discordant mates = 0

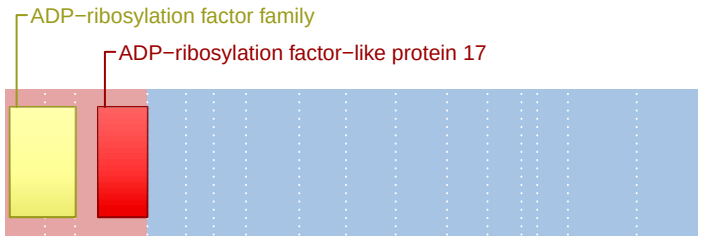
translocation
deletion
duplication
inversion





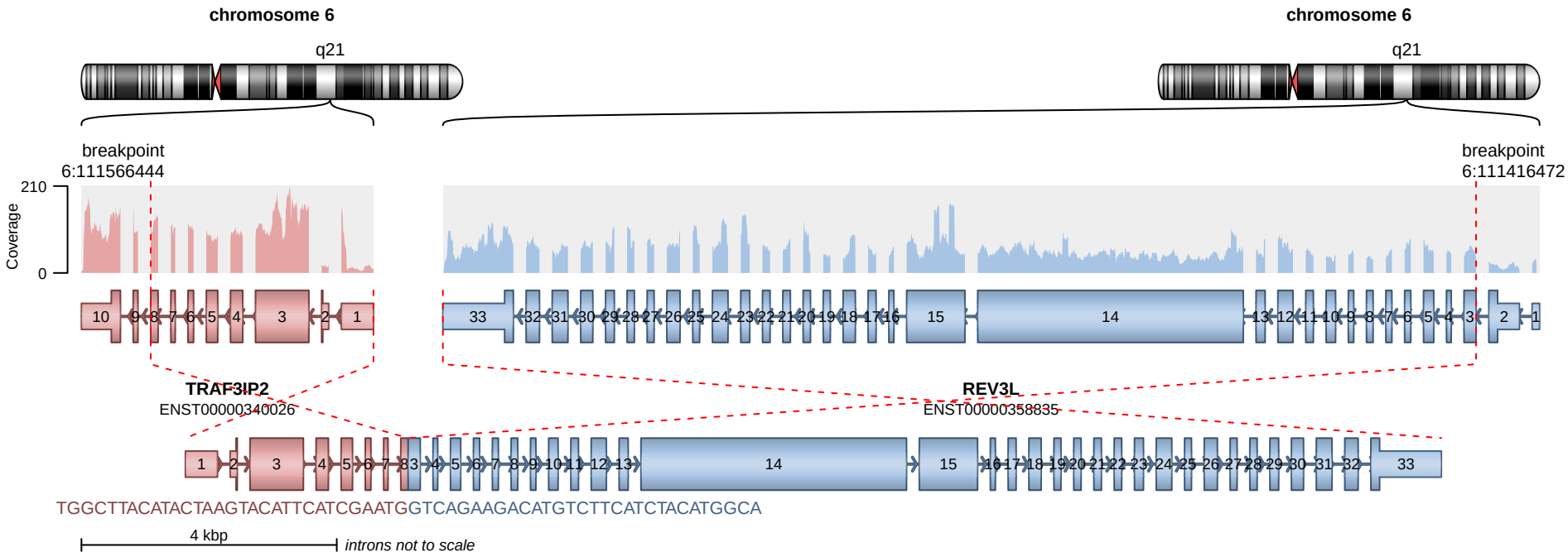
translocation
deletion
duplication
inversion

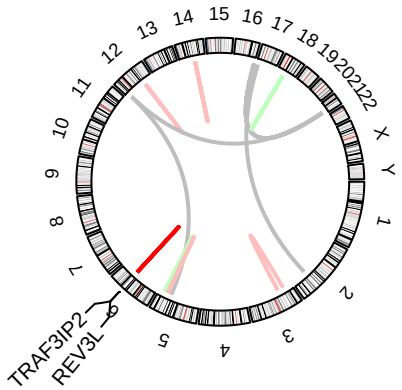
RETAINED PROTEIN DOMAINS
reading frame unclear

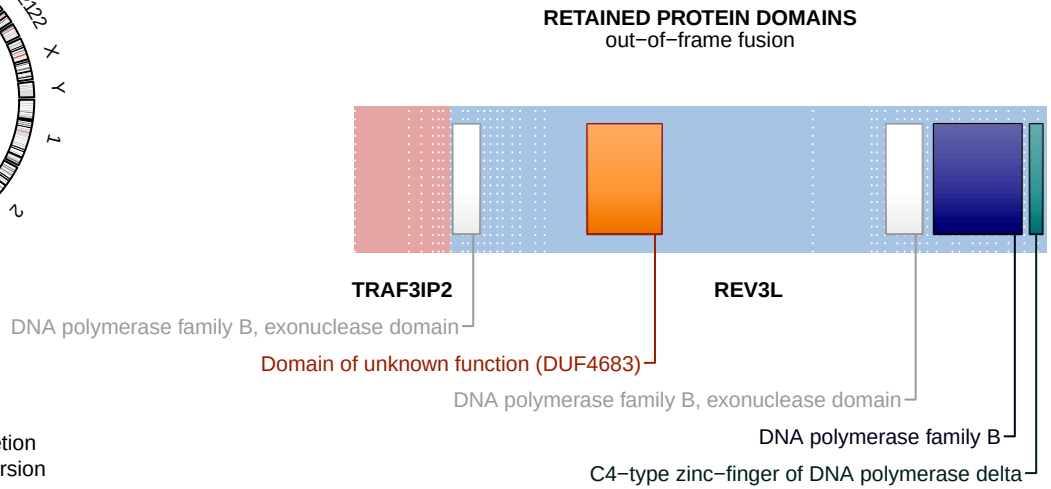


SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 0



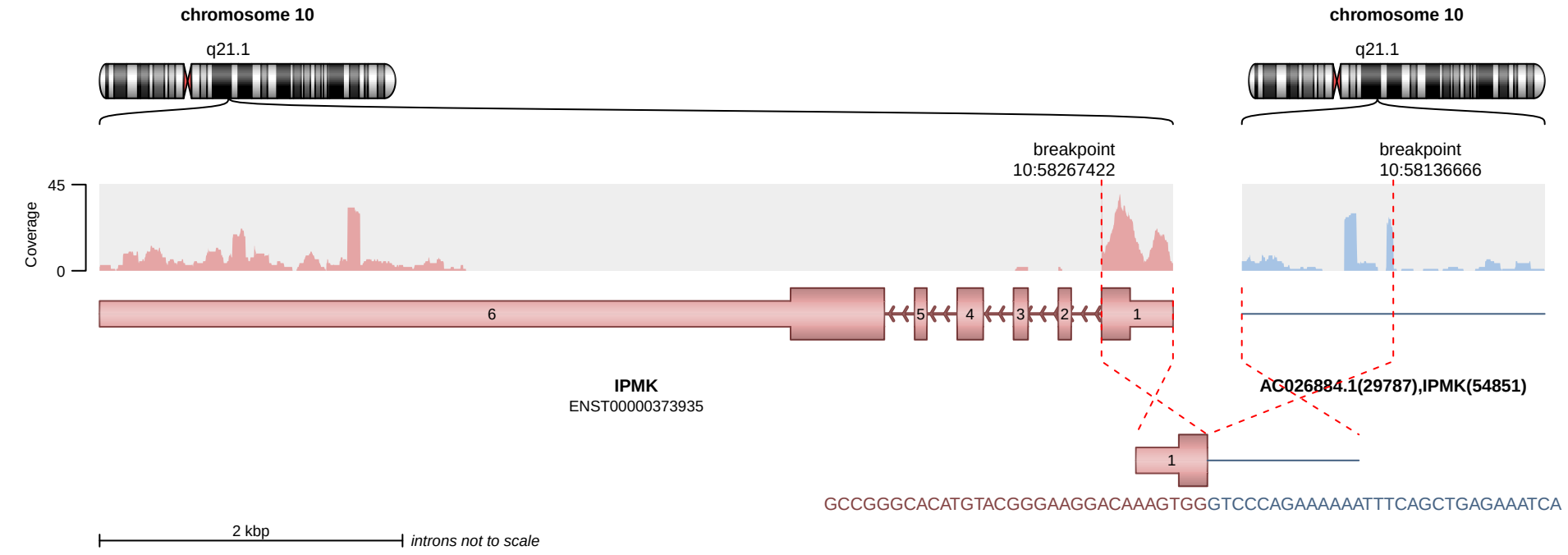


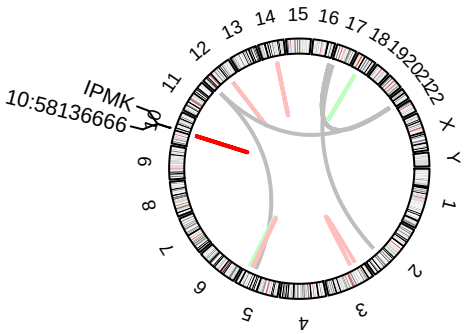


SUPPORTING READ COUNT

Split reads = 5
Discordant mates = 1

translocation
deletion
duplication
inversion



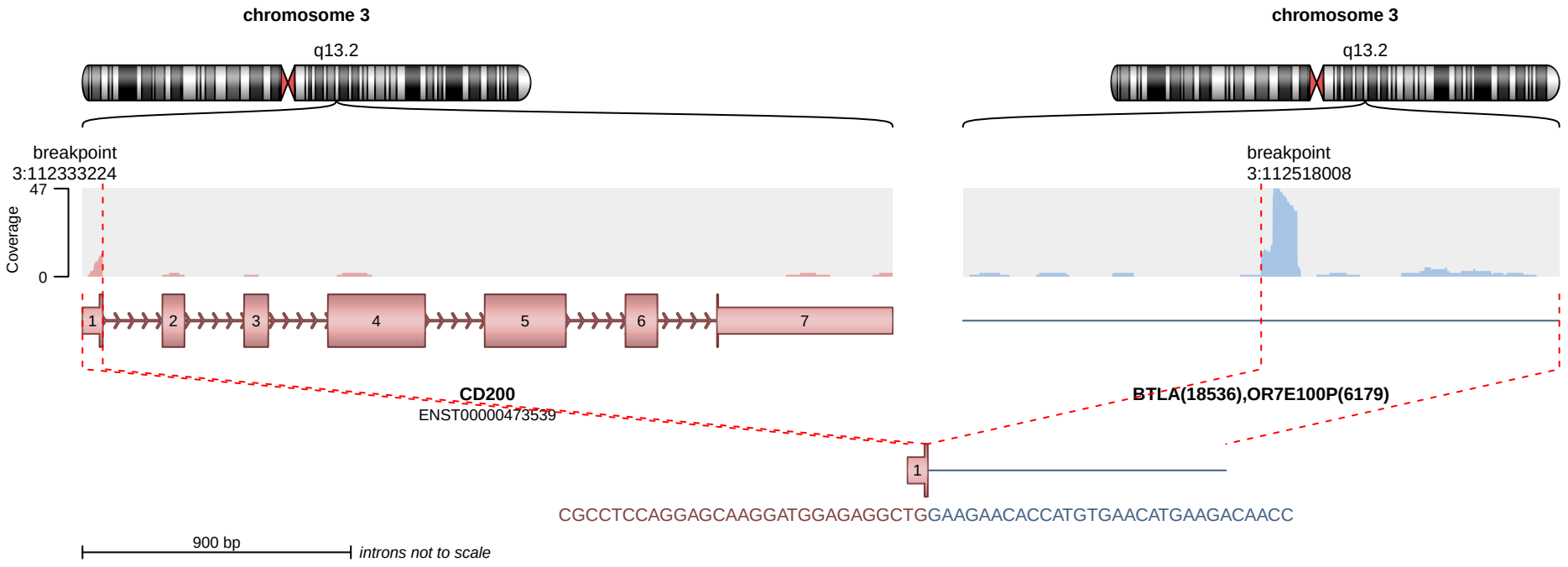


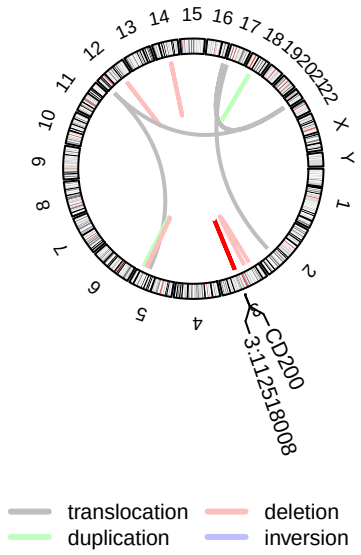
translocation
deletion
duplication
inversion

No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 3

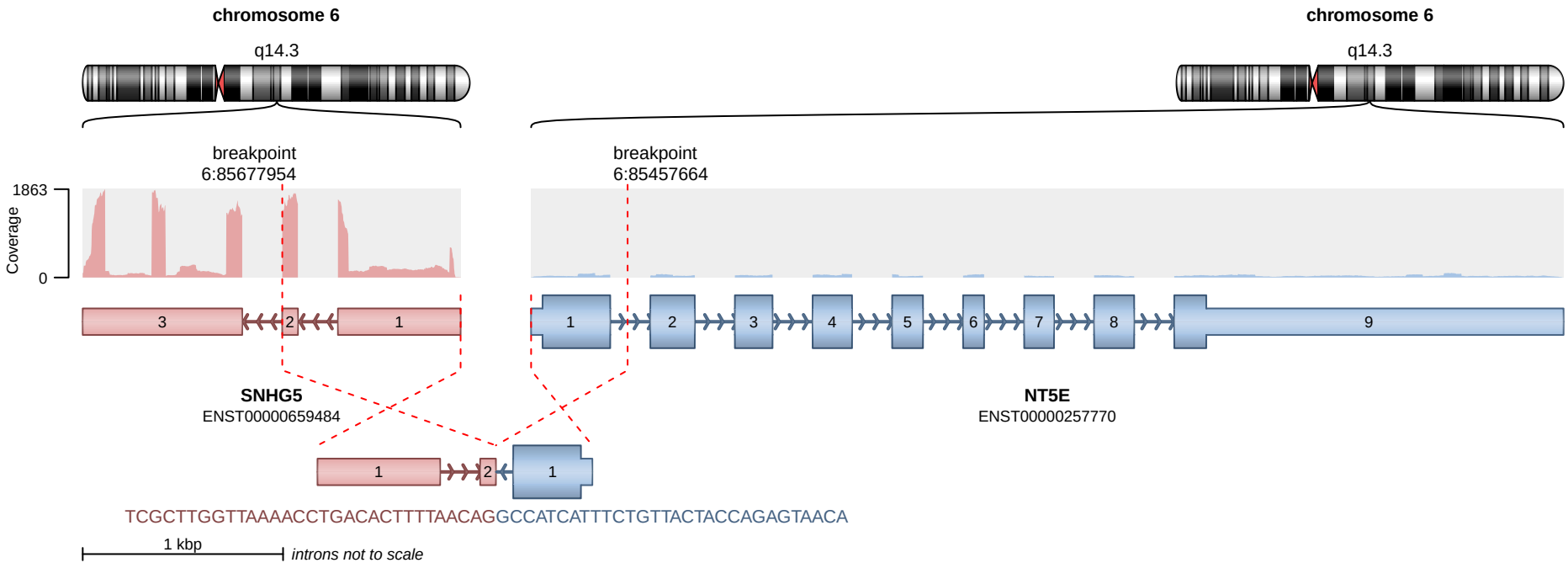


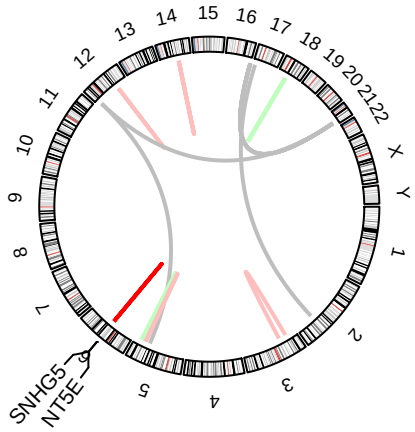


No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 3
Discordant mates = 0



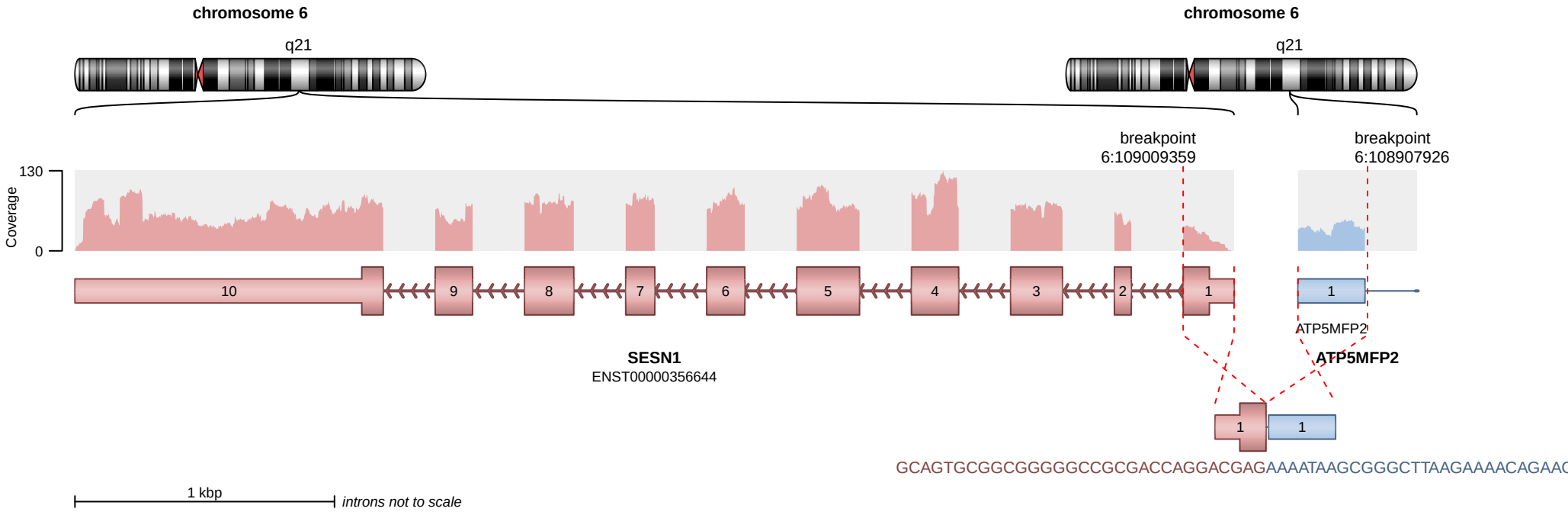


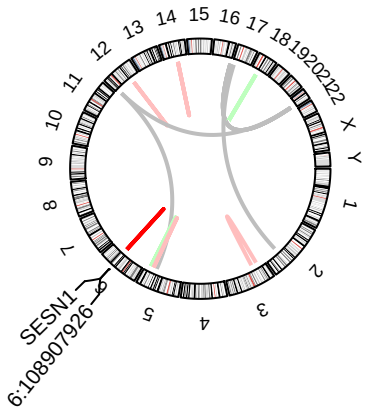
translocation
deletion
duplication
inversion

No coding regions due to antisense transcription.

SUPPORTING READ COUNT

Split reads = 2
Discordant mates = 1

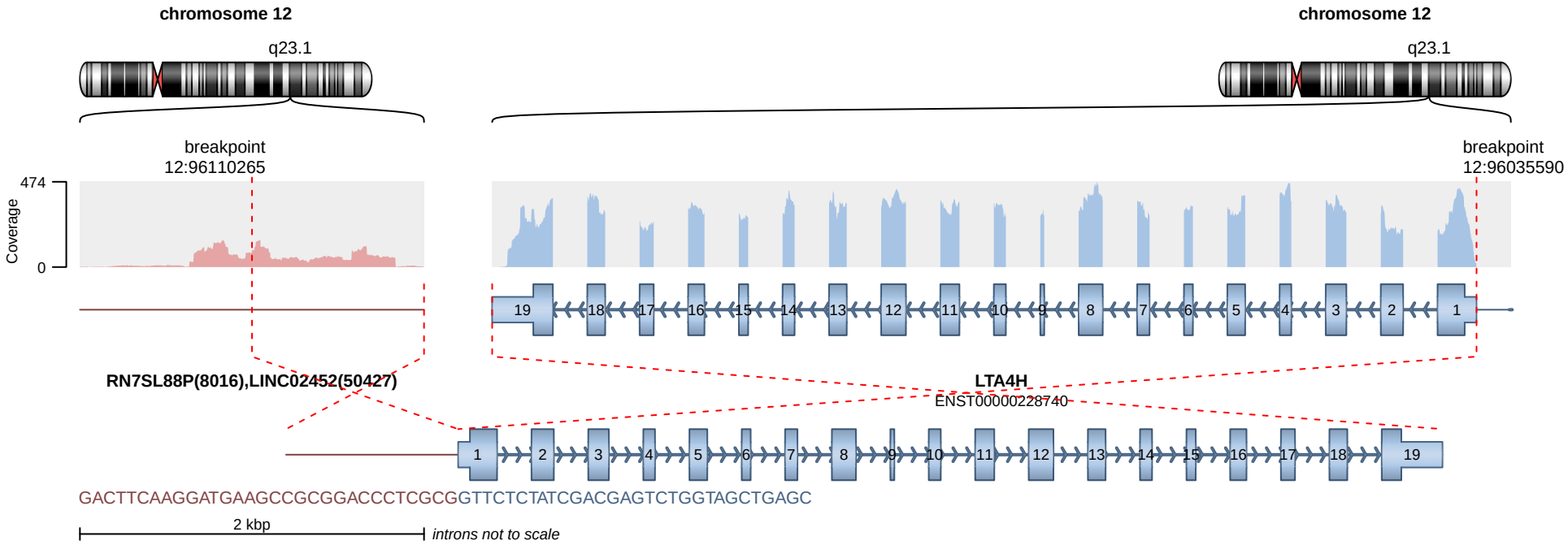


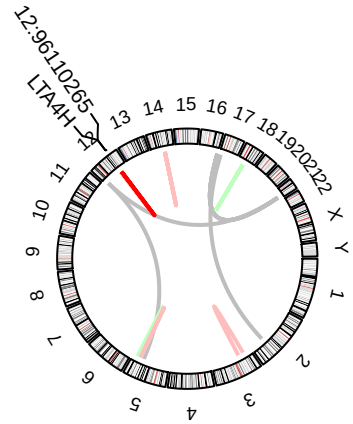


No protein domains retained in fusion.

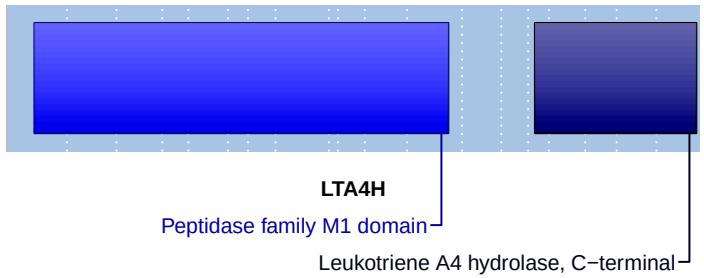
SUPPORTING READ COUNT

Split reads = 2
Discordant mates = 1





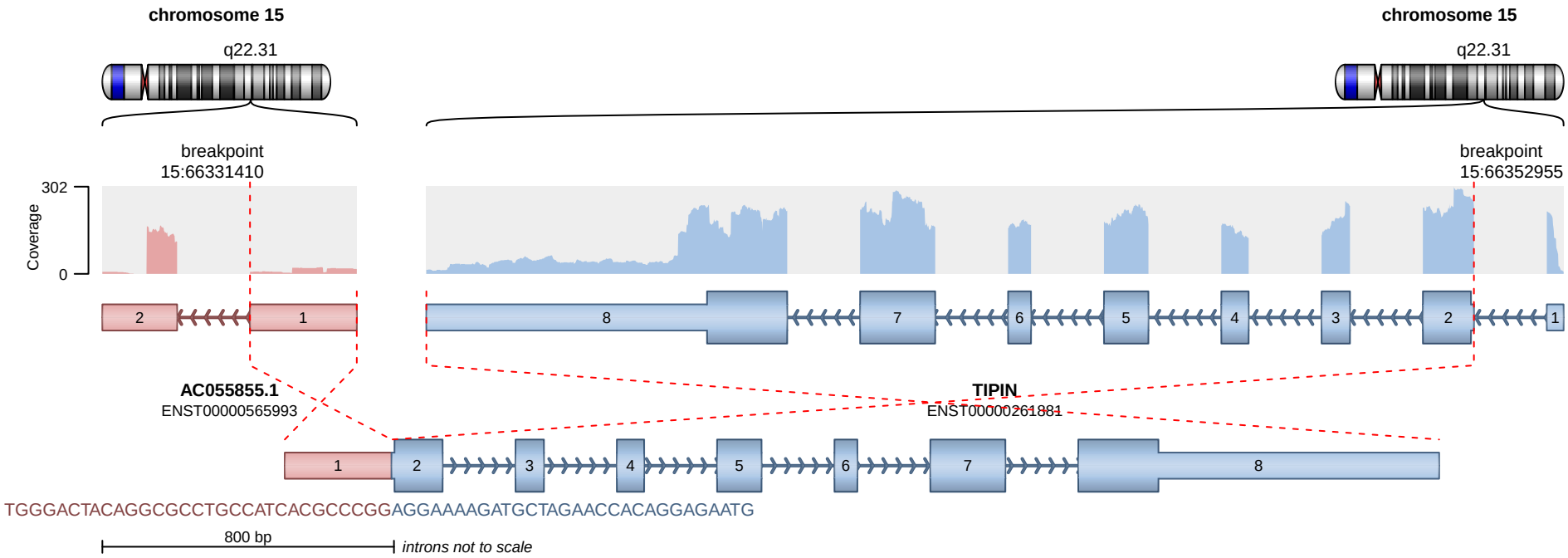
RETAINED PROTEIN DOMAINS
reading frame unclear

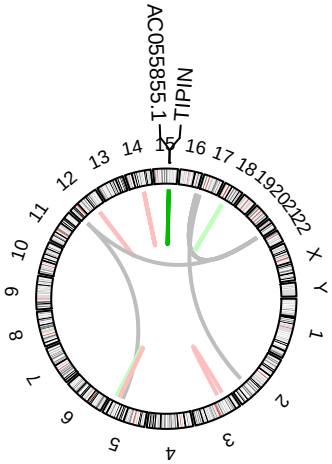


SUPPORTING READ COUNT

Split reads = 3
Discordant mates = 0

translocation
deletion
duplication
inversion



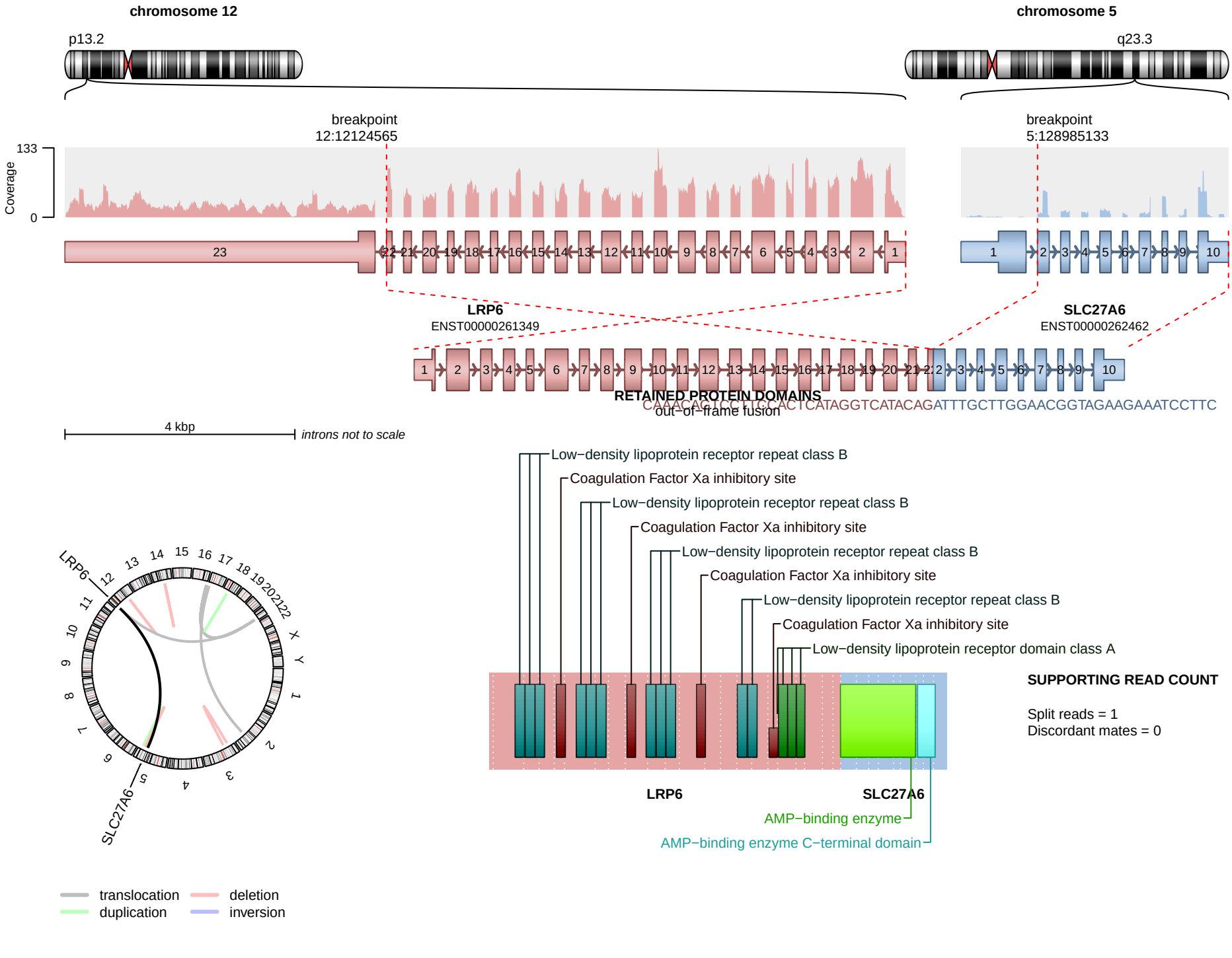


translocation
deletion
duplication
inversion

No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 1


chromosome 12
p13.2
chromosome 5
q23.3
breakpoint
12:12124565
breakpoint
5:128985133
133
Coverage
0
LRP6
ENST00000261349
SLC27A6
ENST00000262462
RETAINED PROTEIN DOMAINS
out−of−frame fusion
CAAACAGTCCTTGCACTCATAGGTCATACAGATTTGCTTGGAACGGTAGAAGAAATCCTTC
4 kbp
introns not to scale
Low−density lipoprotein receptor repeat class B
Coagulation Factor Xa inhibitory site
Low−density lipoprotein receptor repeat class B
Coagulation Factor Xa inhibitory site
Low−density lipoprotein receptor repeat class B
Coagulation Factor Xa inhibitory site
Low−density lipoprotein receptor repeat class B
Coagulation Factor Xa inhibitory site
Low−density lipoprotein receptor domain class A
LRP6
SLC27A6
AMP−binding enzyme
AMP−binding enzyme C−terminal domain
SUPPORTING READ COUNT
Split reads = 1
Discordant mates = 0
translocation
deletion
duplication
inversion