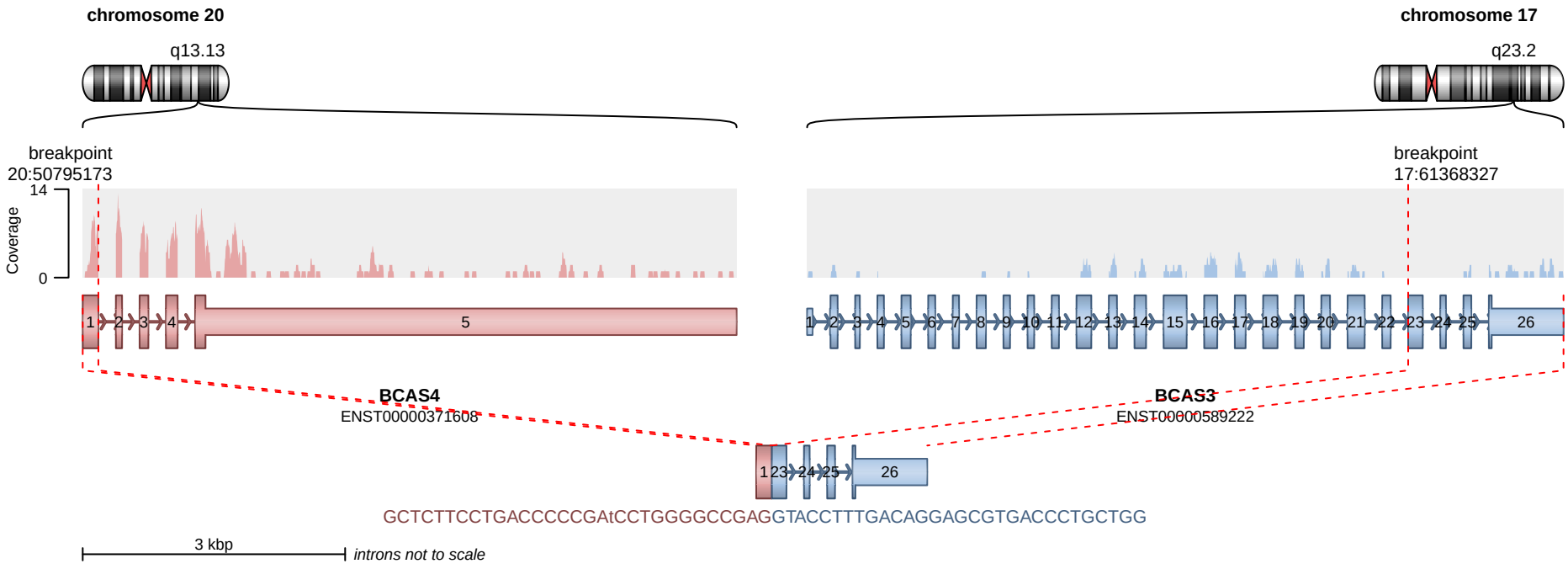
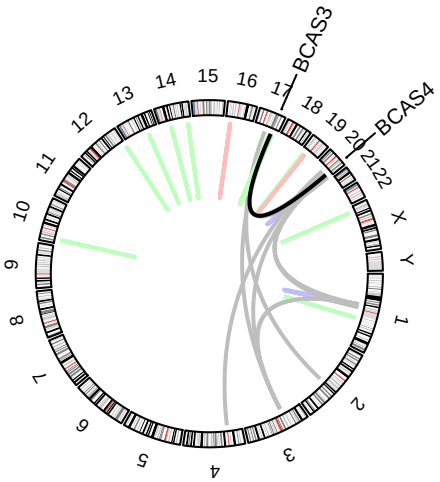
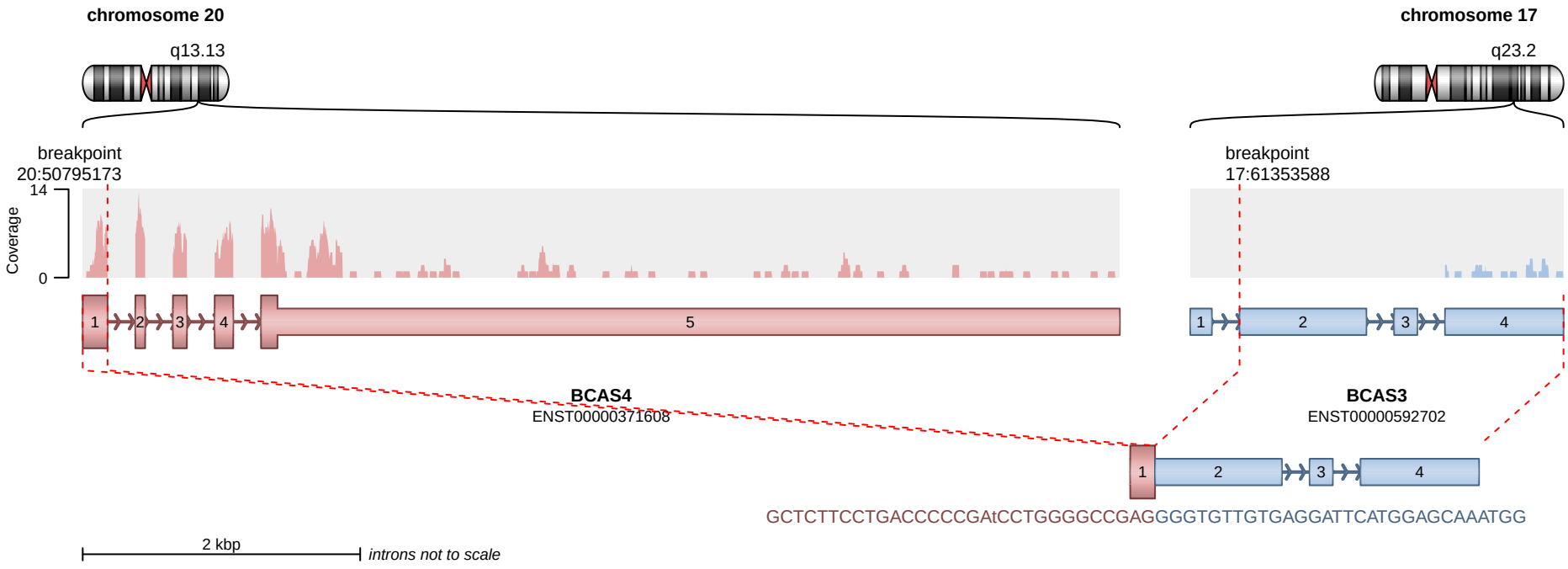


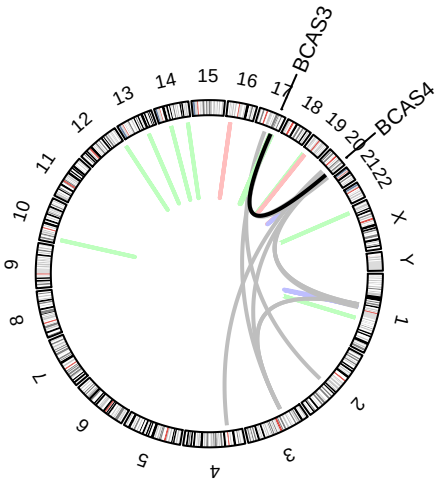


No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 17
Discordant mates = 136



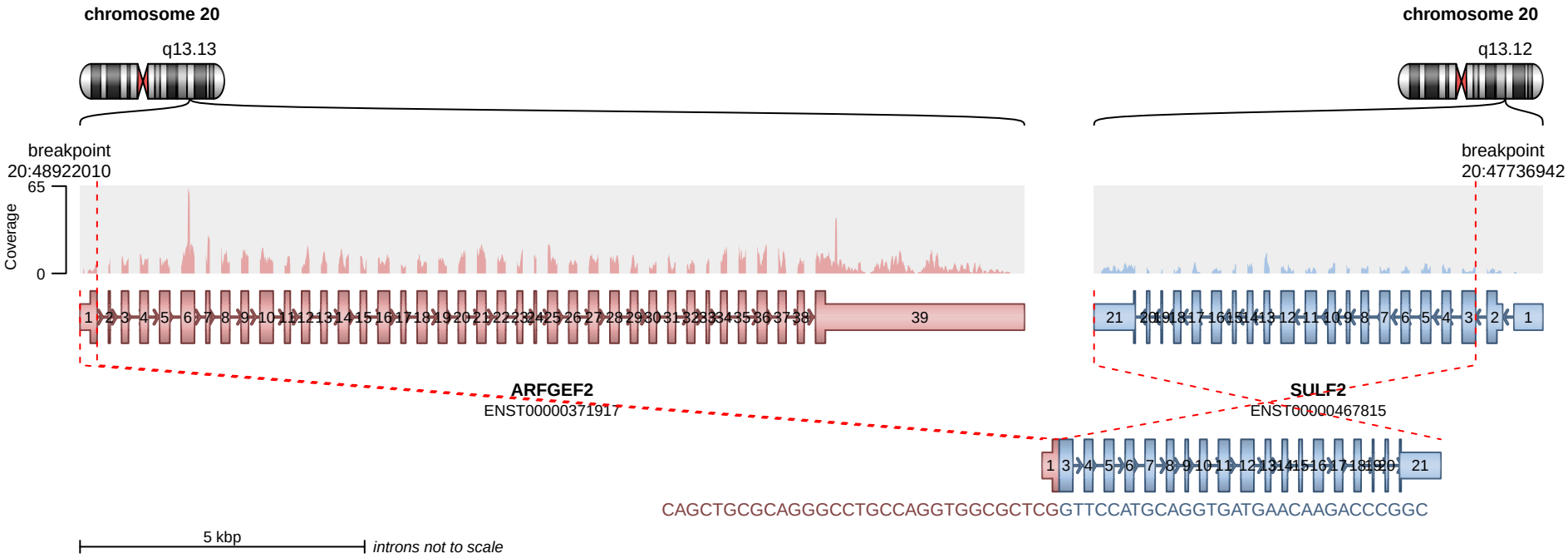


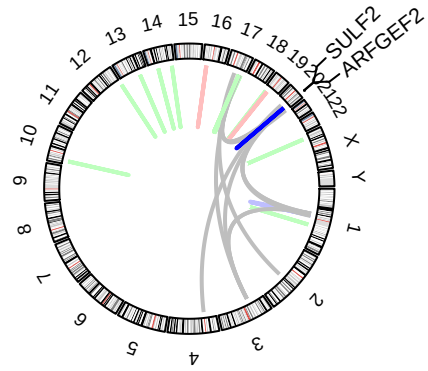
translocation
deletion
duplication
inversion

No protein domains retained in fusion.

SUPPORTING READ COUNT

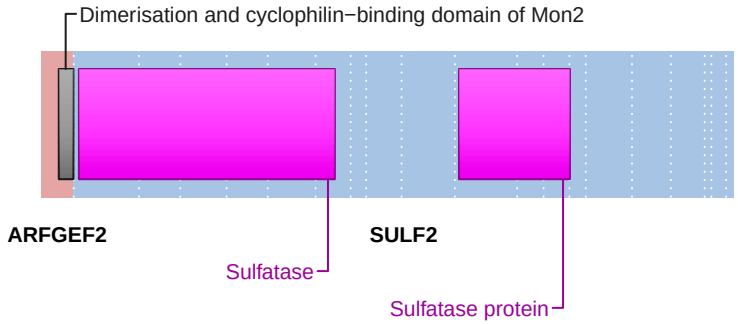
Split reads = 4
Discordant mates = 164





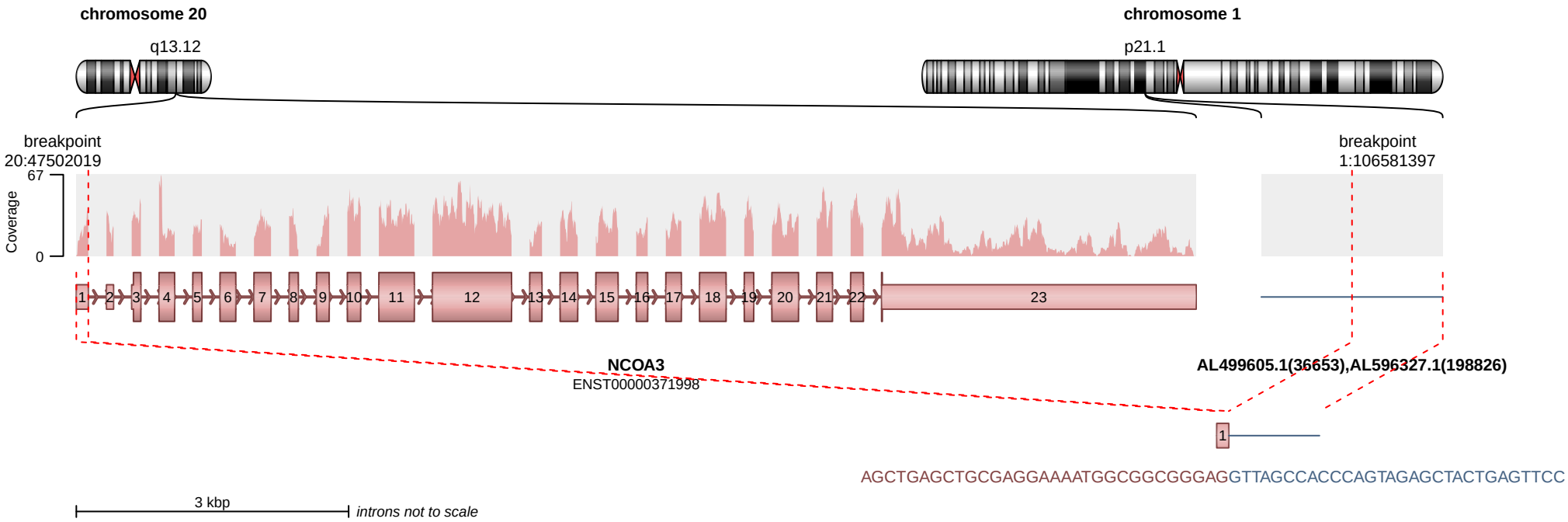
translocation
deletion
duplication
inversion

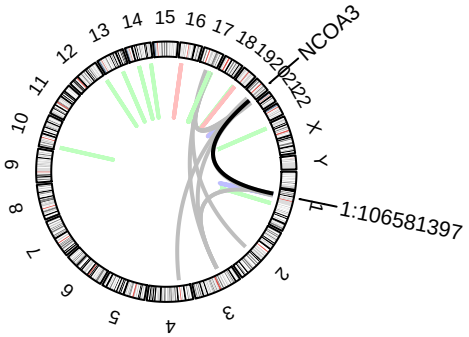
RETAINED PROTEIN DOMAINS
in−frame fusion



SUPPORTING READ COUNT

Split reads = 14
Discordant mates = 12



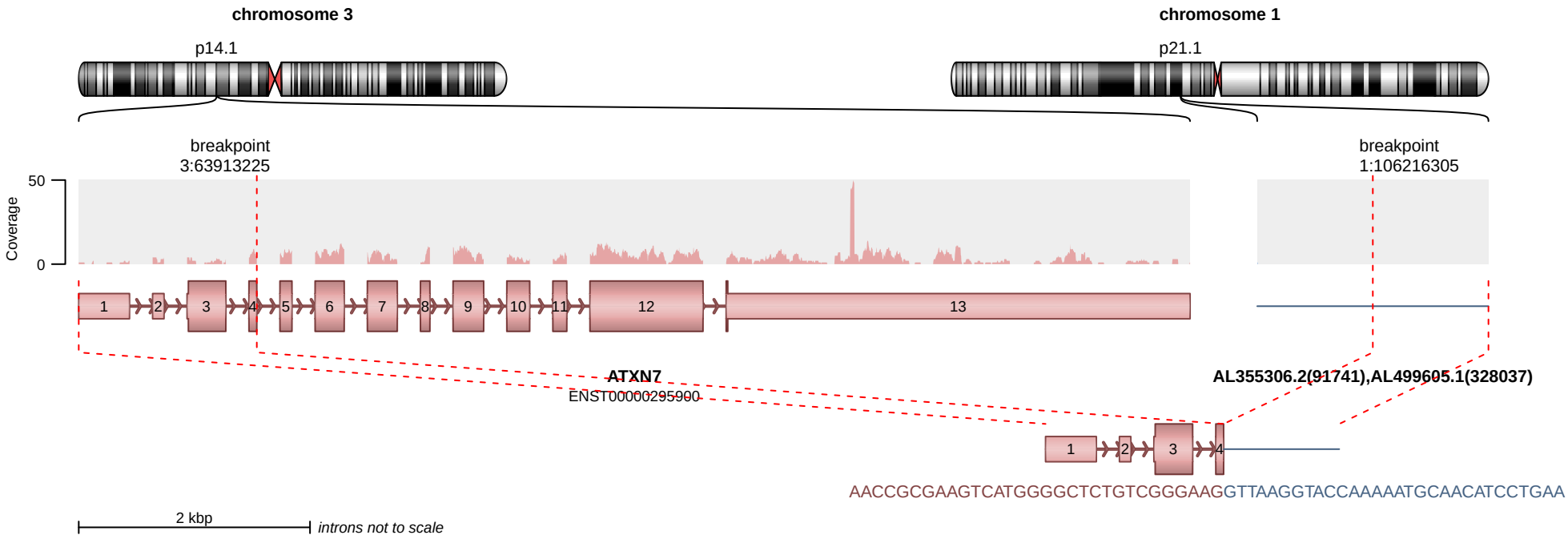


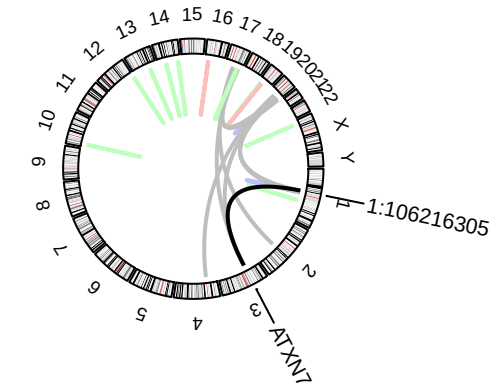
No coding regions retained in fusion transcript.

SUPPORTING READ COUNT

Split reads = 7
Discordant mates = 10

translocation
deletion
duplication
inversion



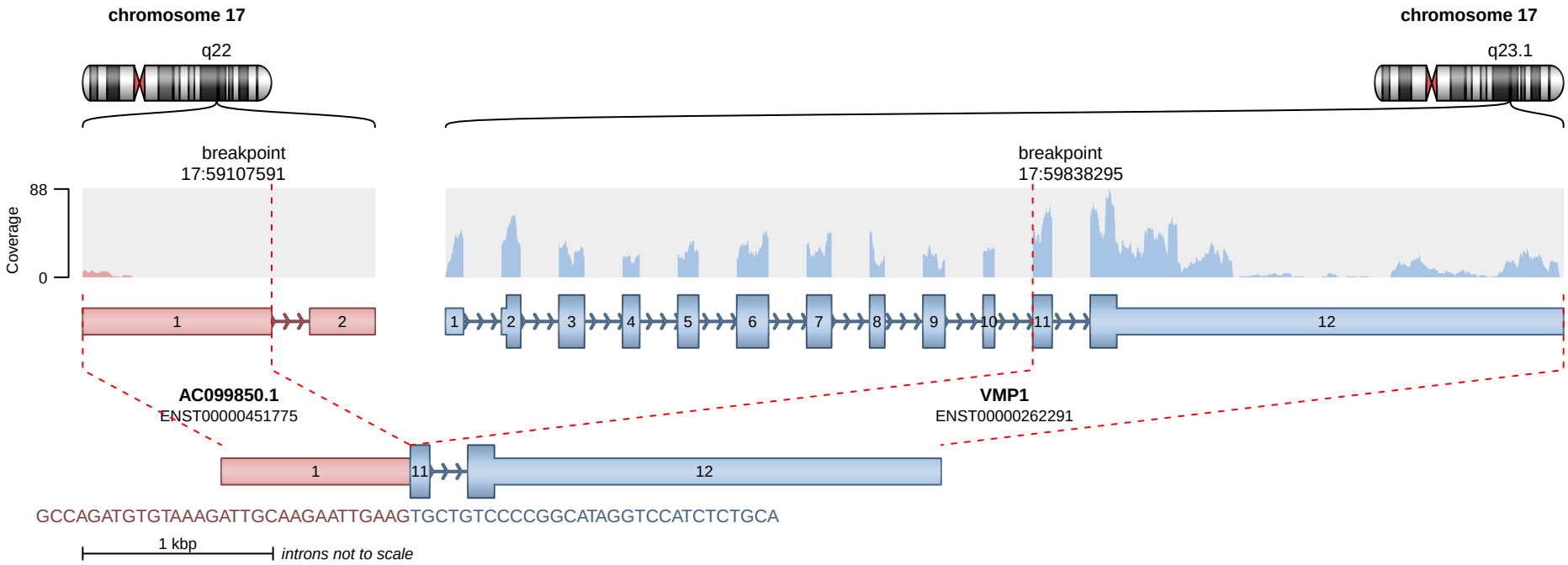


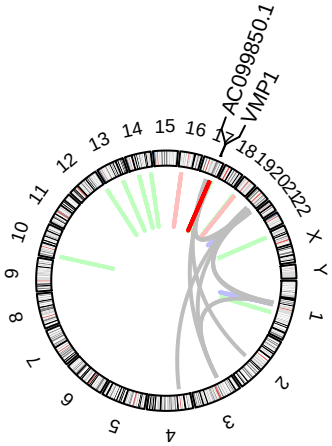
translocation
deletion
duplication
inversion

No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 3
Discordant mates = 13



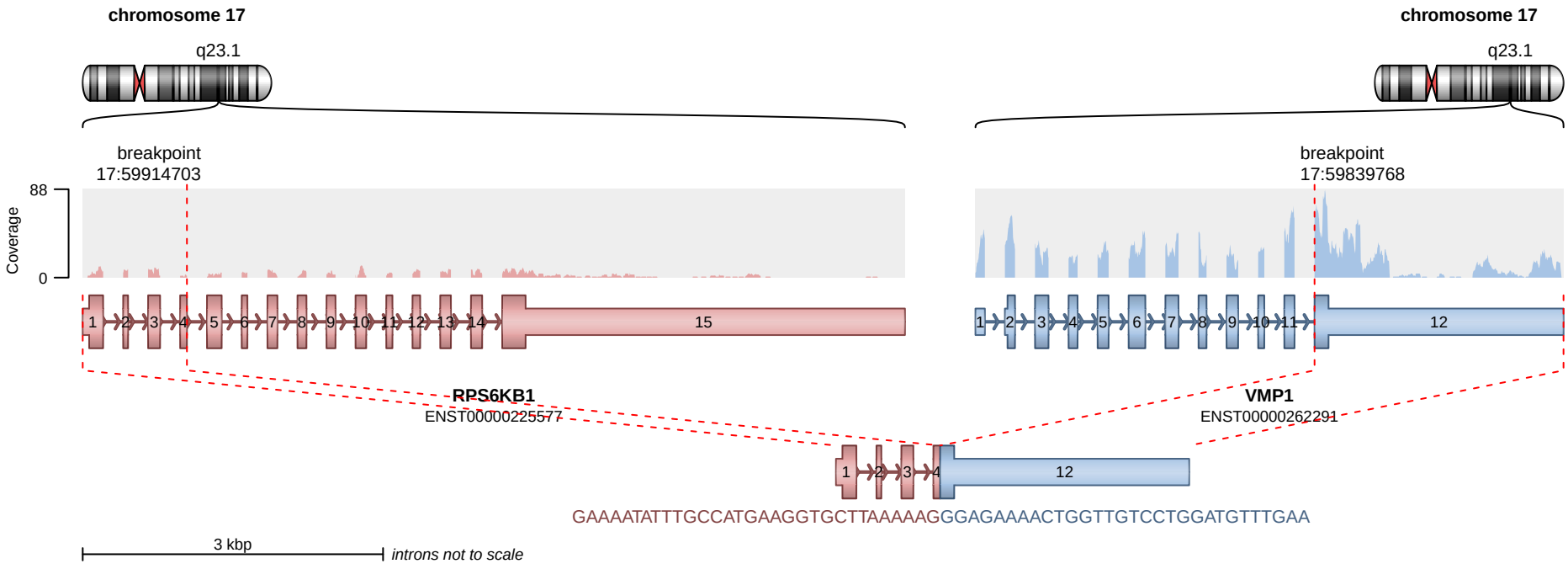


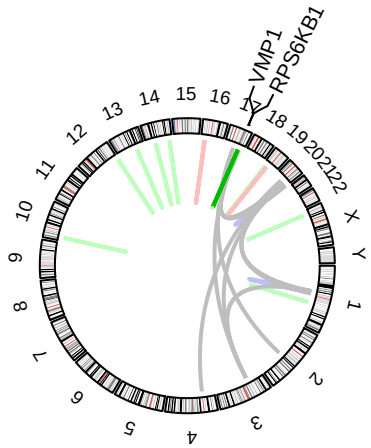
No protein domains retained in fusion.

SUPPORTING READ COUNT

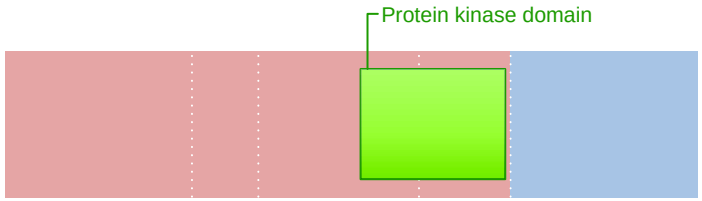
Split reads = 4
Discordant mates = 6

translocation
deletion
duplication
inversion





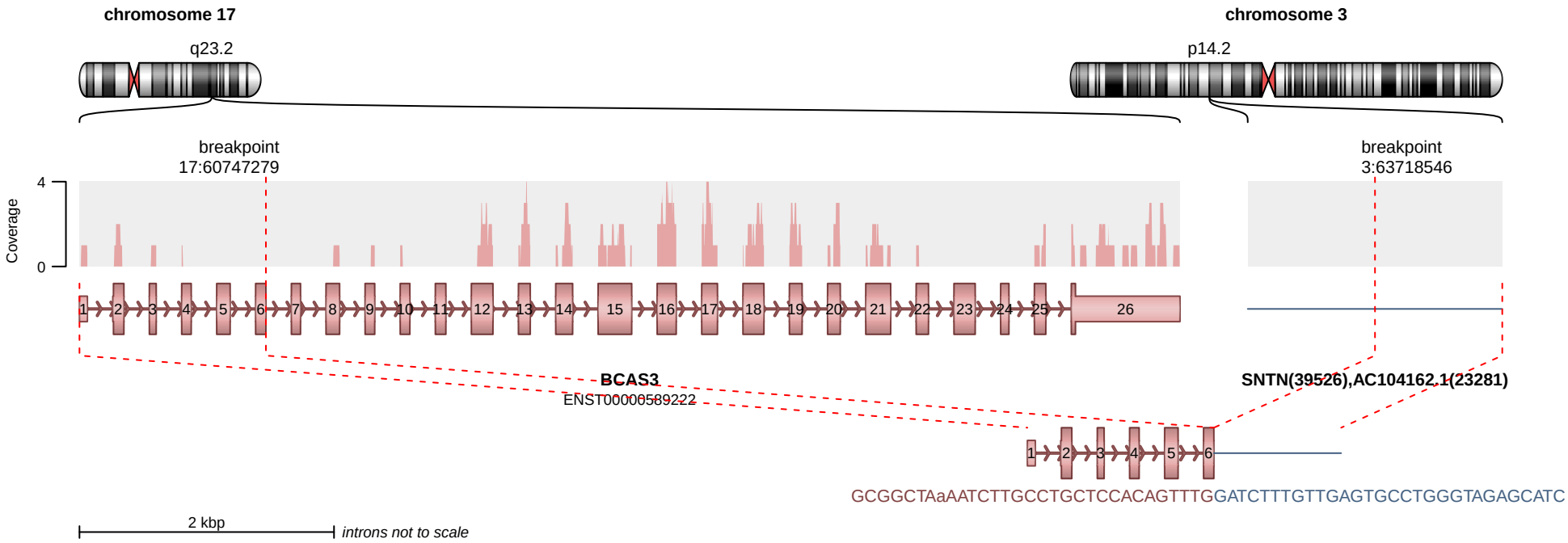
RETAINED PROTEIN DOMAINS
in−frame fusion

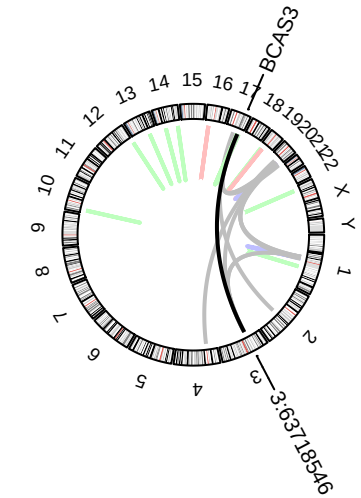


SUPPORTING READ COUNT

Split reads = 5
Discordant mates = 4

translocation
deletion
duplication
inversion

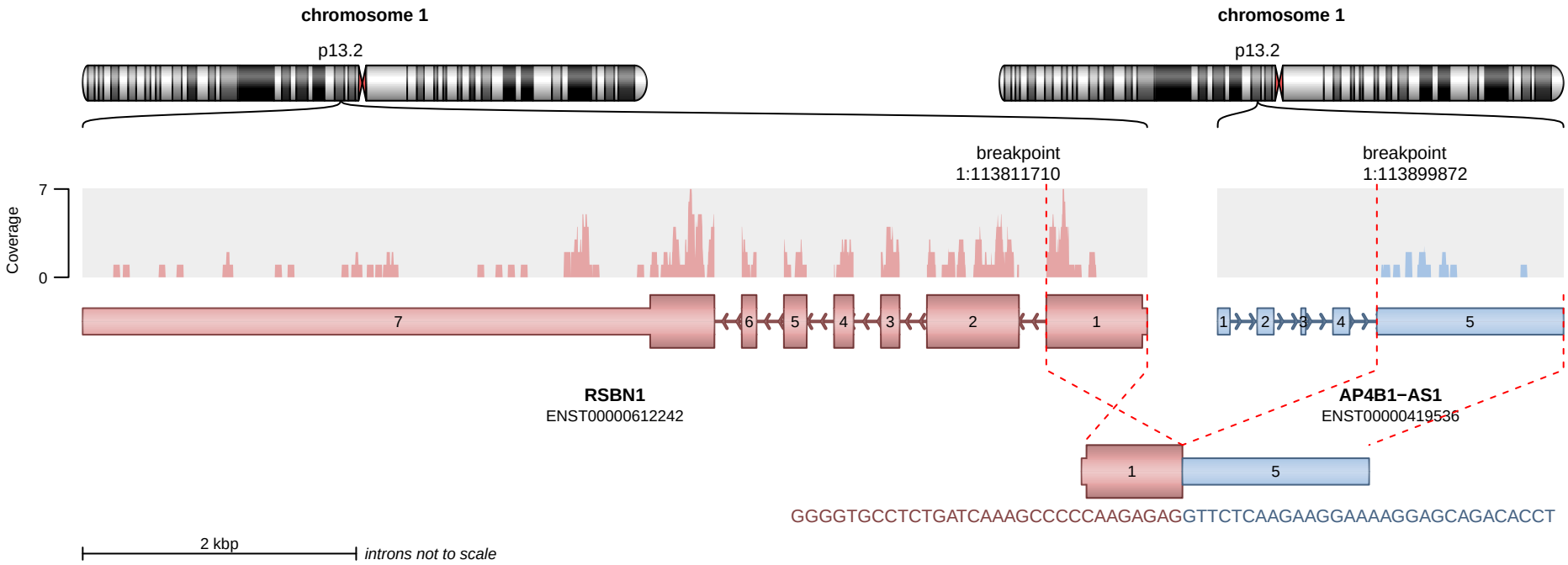


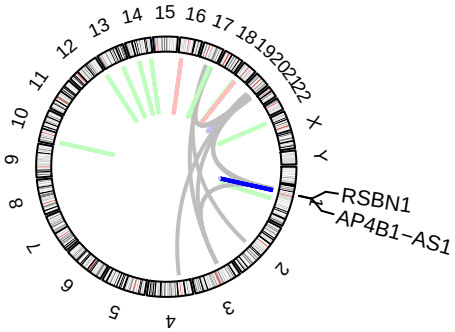


No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 5
Discordant mates = 3



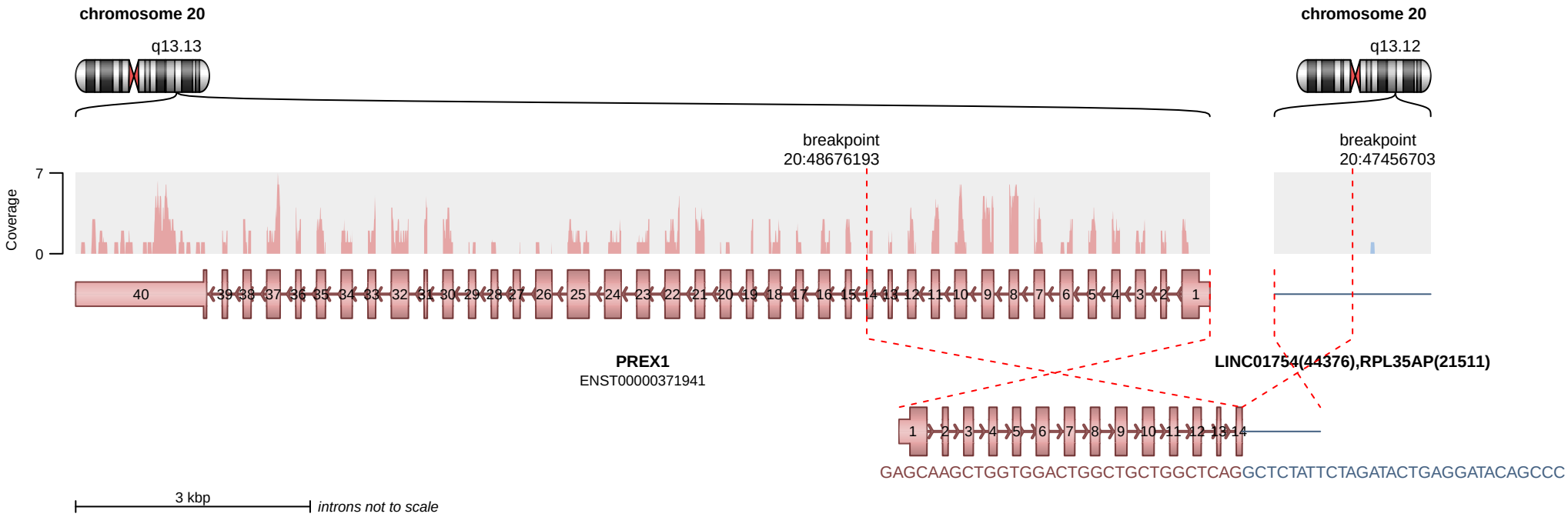


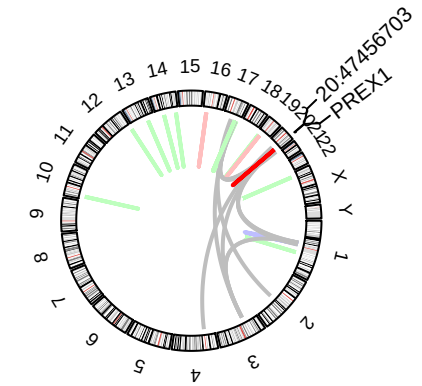
No protein domains retained in fusion.

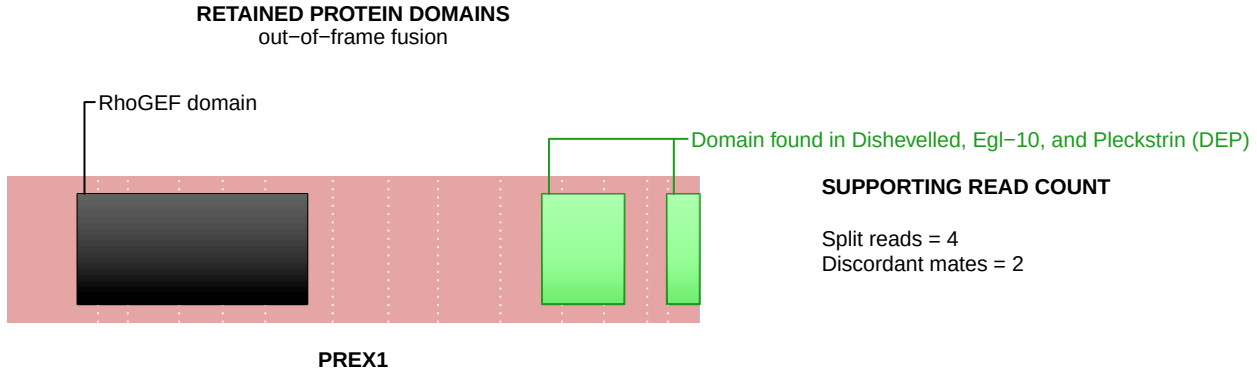
SUPPORTING READ COUNT

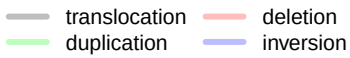
Split reads = 5
Discordant mates = 2

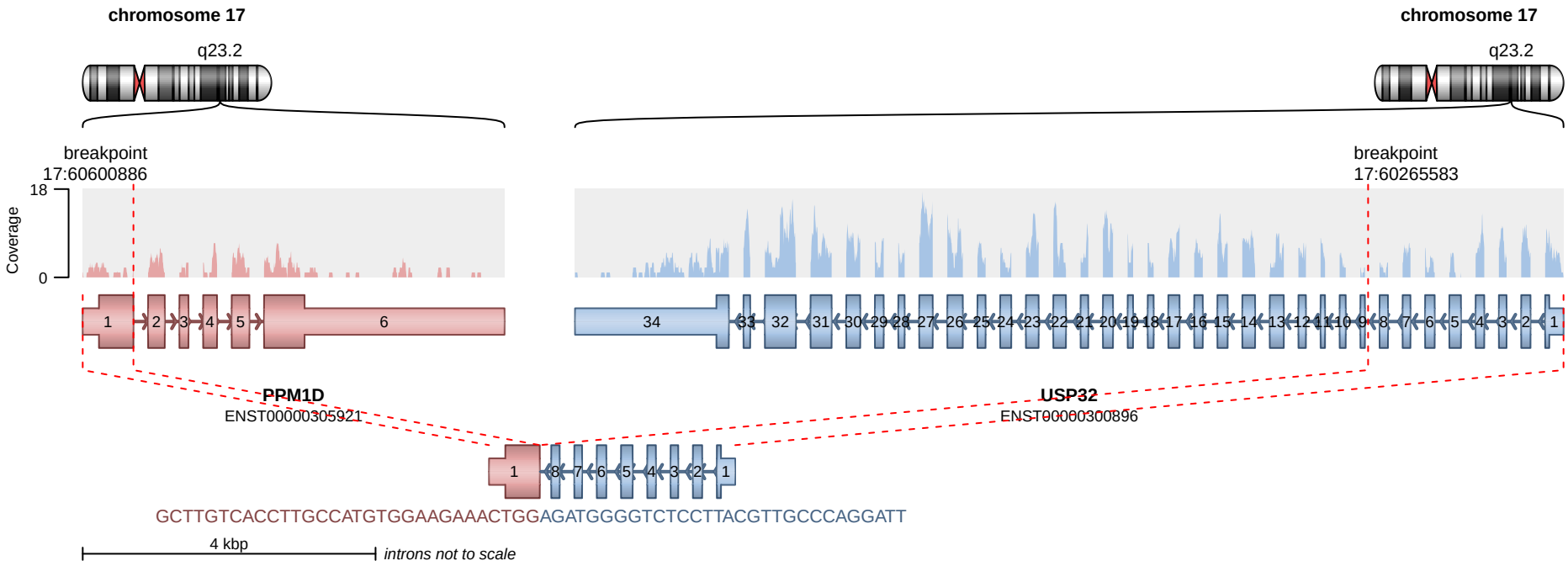
translocation
deletion
duplication
inversion

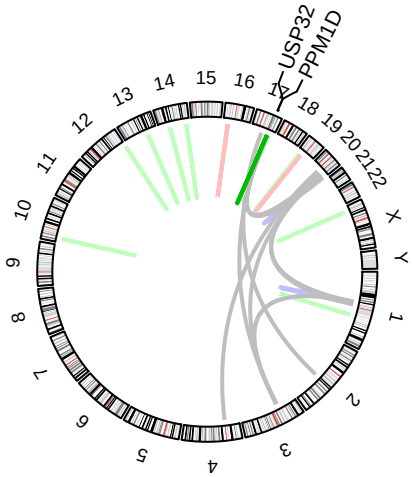

chromosome 20
q13.13
chromosome 20
q13.12
breakpoint
20:48676193
breakpoint
20:47456703
Coverage
7
0
PREX1
ENST00000371941
LINC01754(44376),RPL35AP(21511)
GAGCAAGCTGGTGGACTGGCTGCTGGCTCAGGCTCTATTCTAGATACTGAGGATACAGCCC
3 kbp
introns not to scale

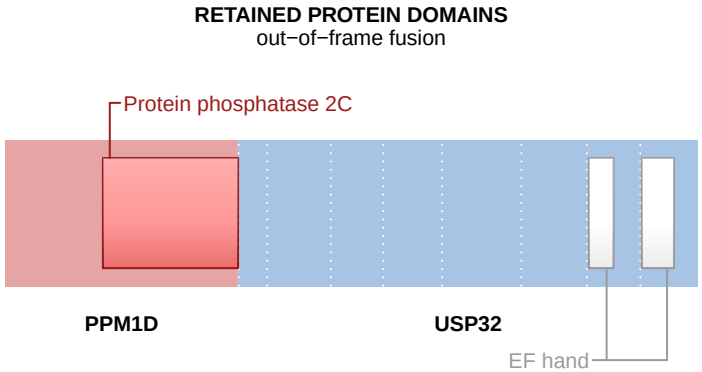

20:47456703
PREX1


RETAINED PROTEIN DOMAINS
out−of−frame fusion
RhoGEF domain
Domain found in Dishevelled, Egl−10, and Pleckstrin (DEP)
SUPPORTING READ COUNT
Split reads = 4
Discordant mates = 2
PREX1


translocation
deletion
duplication
inversion



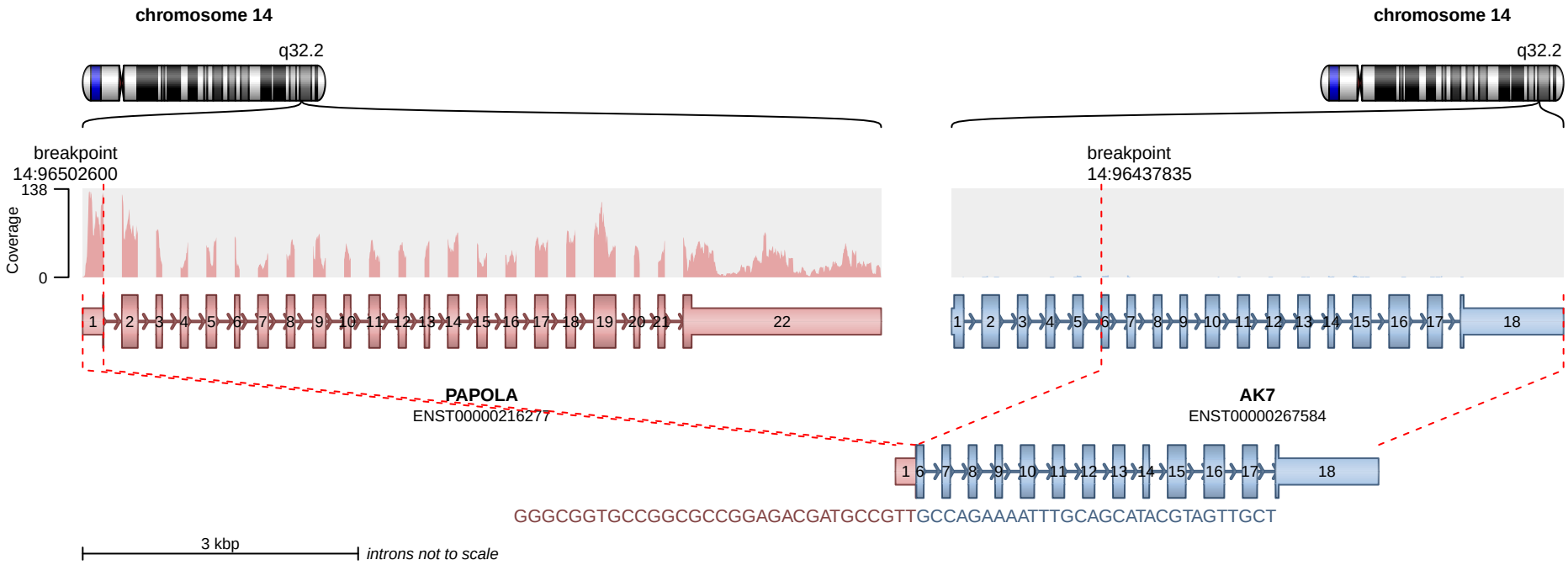


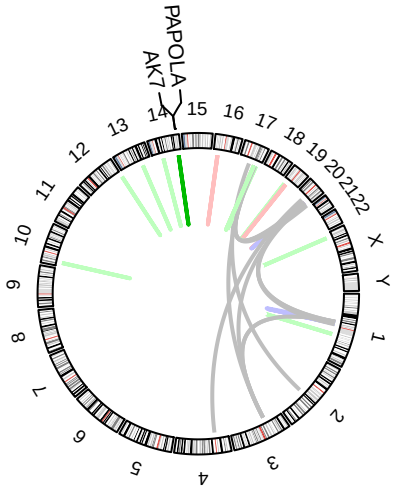


SUPPORTING READ COUNT

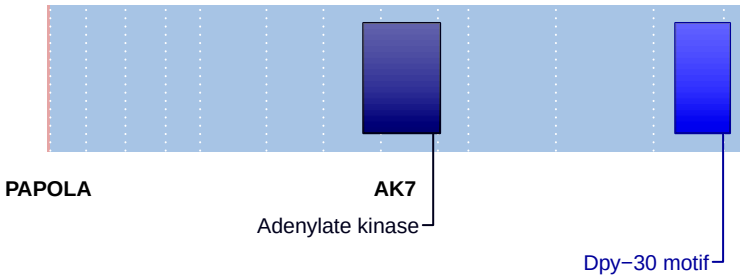
Split reads = 2
Discordant mates = 3

translocation
deletion
duplication
inversion





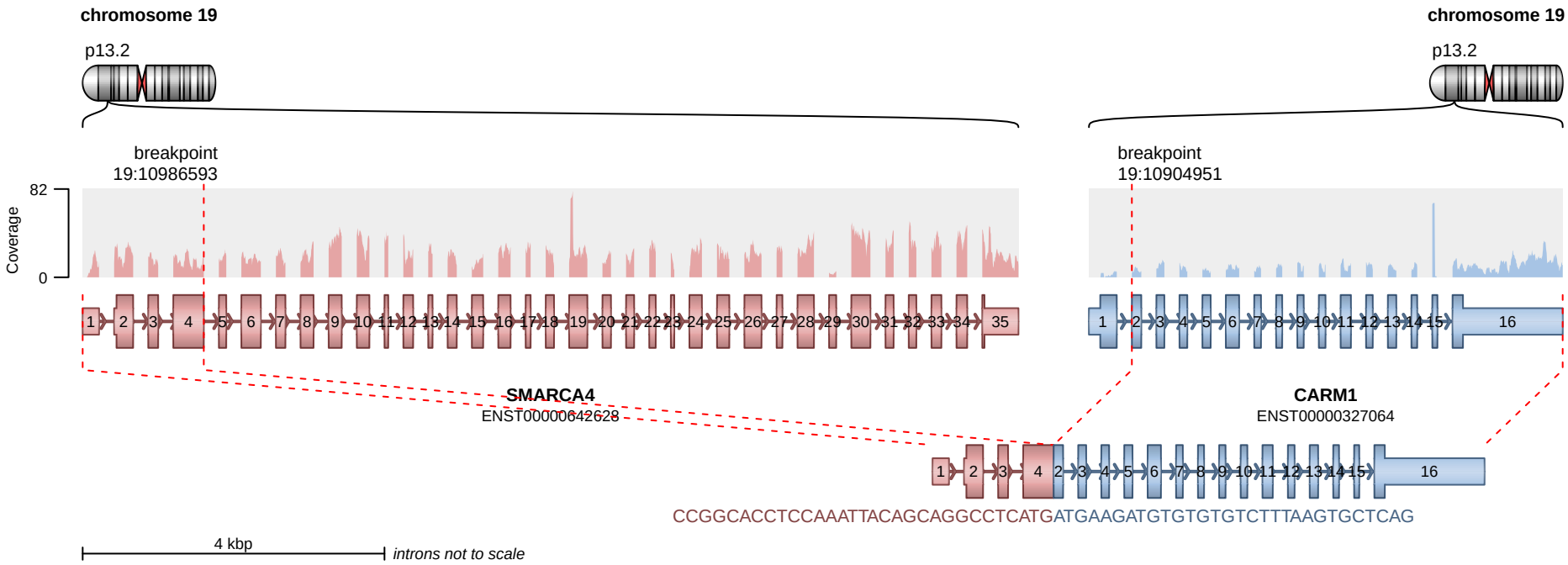
RETAINED PROTEIN DOMAINS
out−of−frame fusion

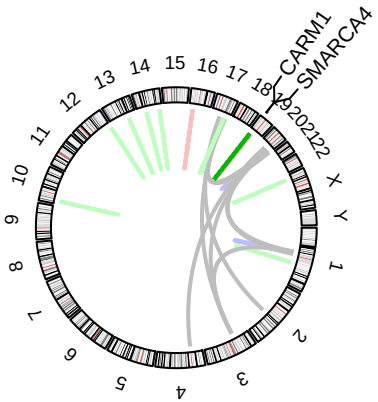


SUPPORTING READ COUNT

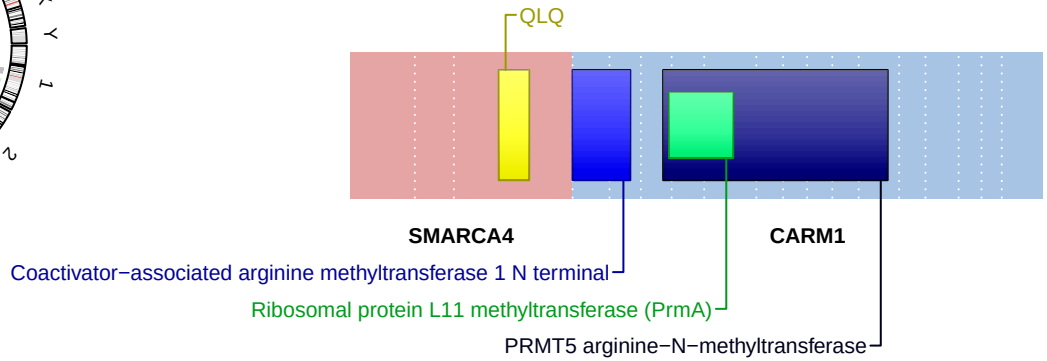
Split reads = 3
Discordant mates = 2

translocation
deletion
duplication
inversion





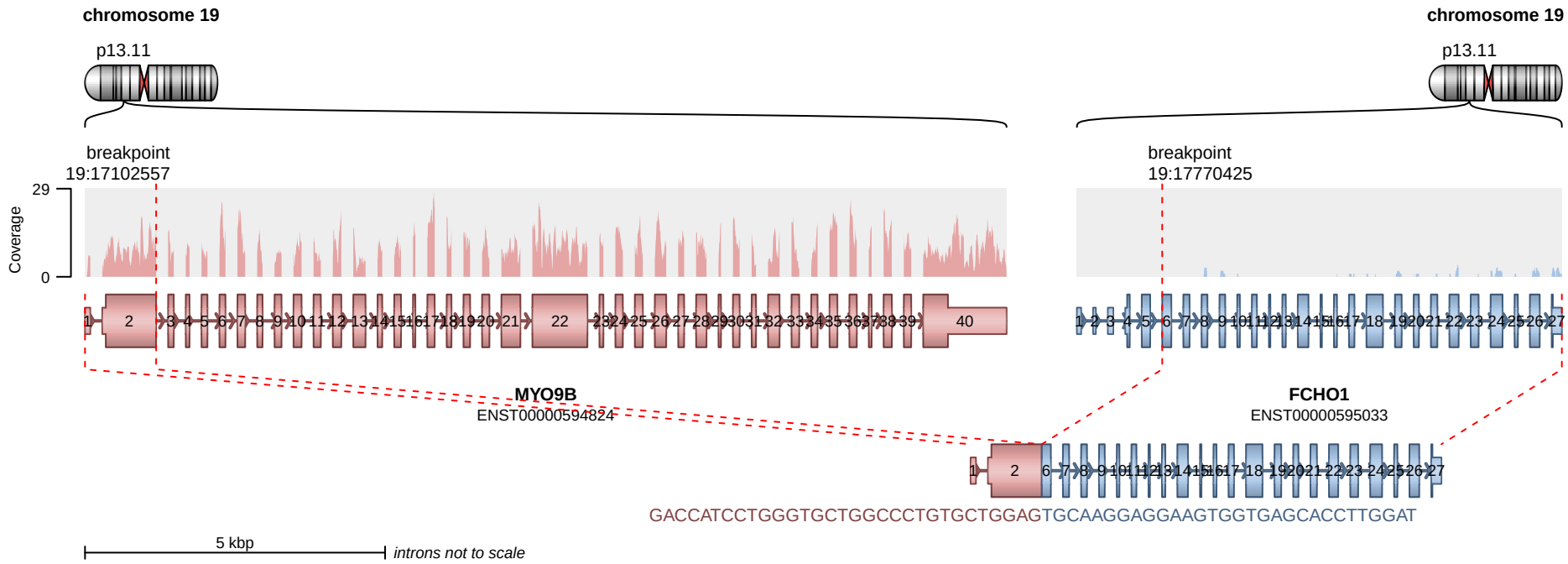
RETAINED PROTEIN DOMAINS
in−frame fusion

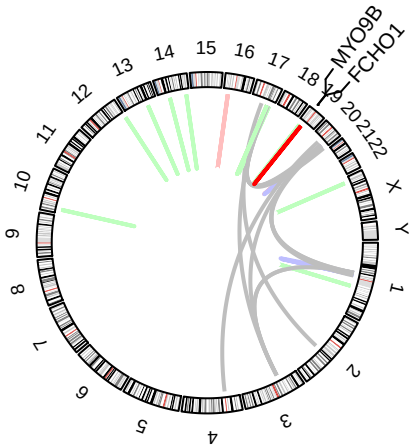


SUPPORTING READ COUNT

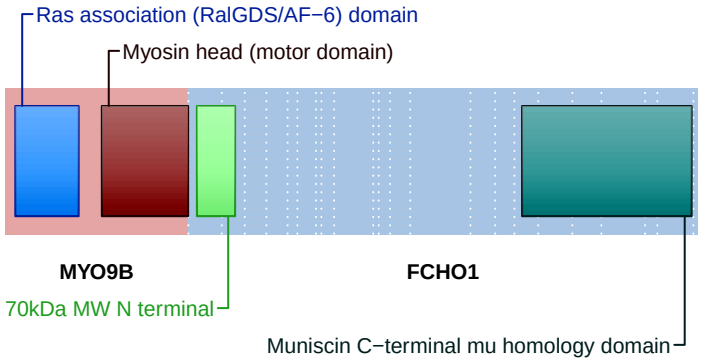
Split reads = 2
Discordant mates = 3

translocation
deletion
duplication
inversion





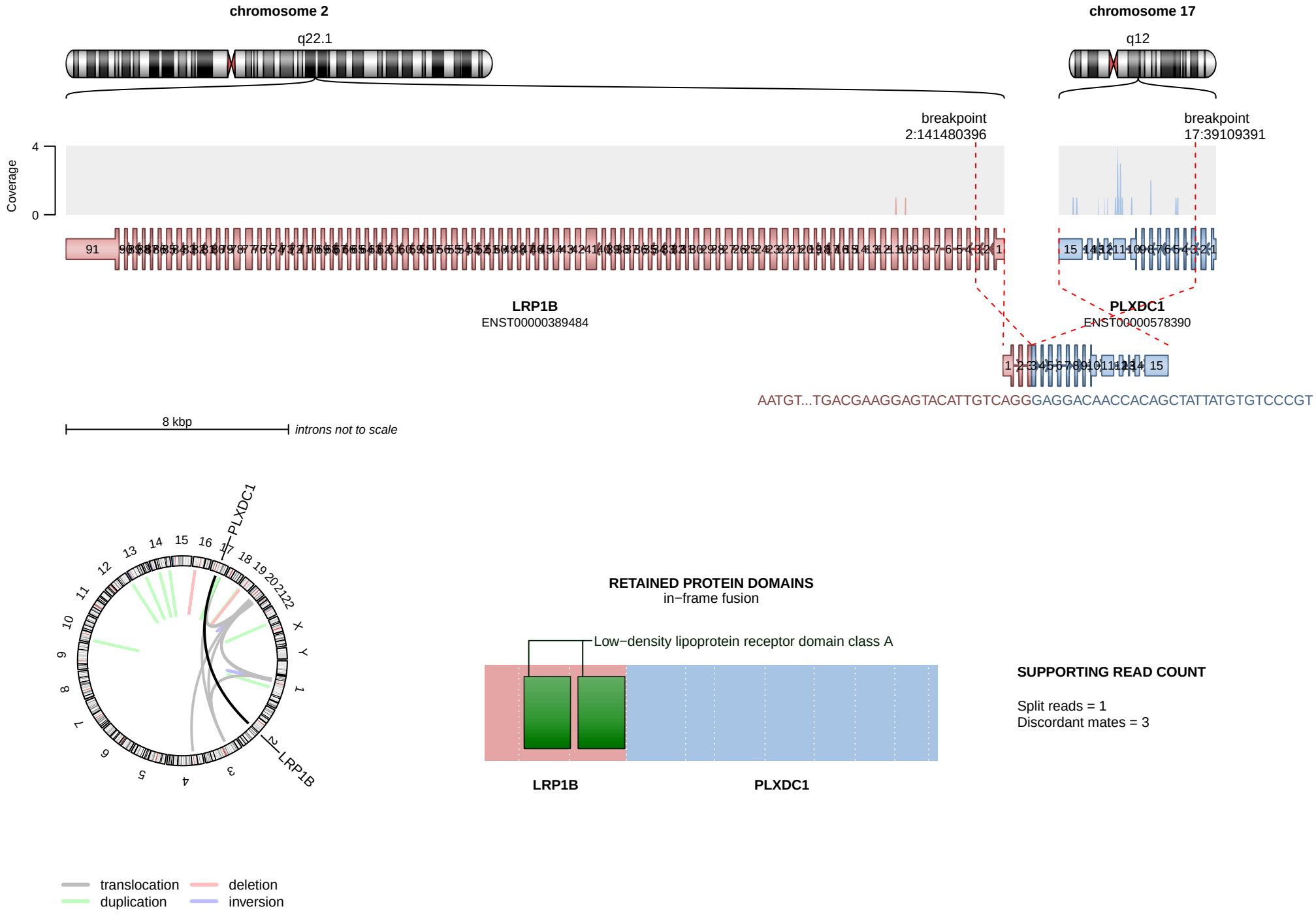
RETAINED PROTEIN DOMAINS
in−frame fusion

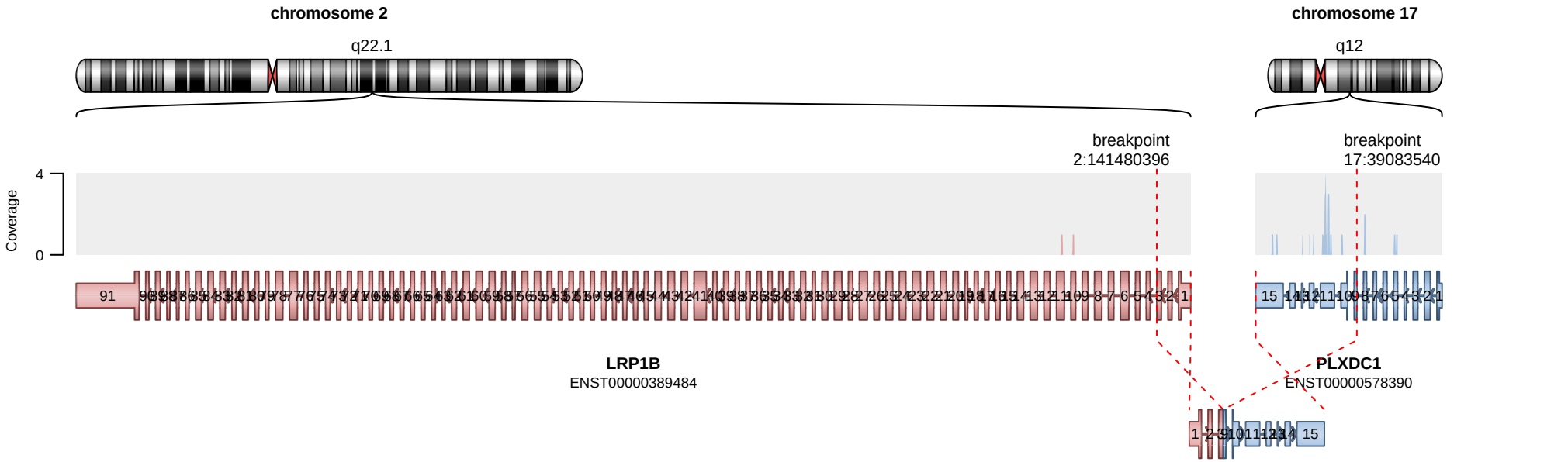


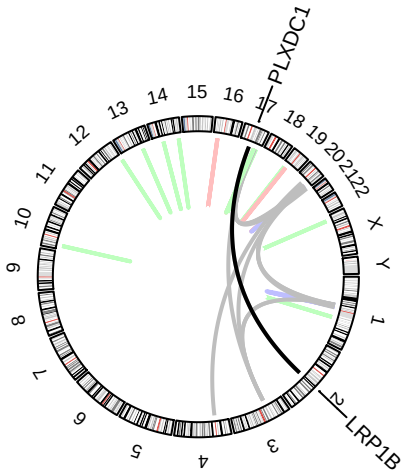
SUPPORTING READ COUNT

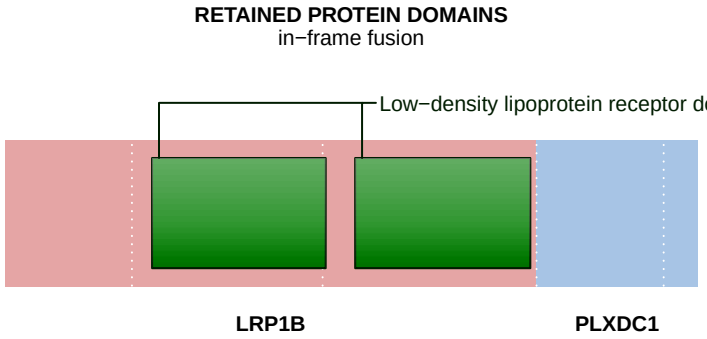
Split reads = 1
Discordant mates = 3

translocation
deletion
duplication
inversion


chromosome 2
q22.1
chromosome 17
q12
breakpoint
2:141480396
breakpoint
17:39109391
Coverage
4
0
LRP1B
ENST00000389484
PLXDC1
ENST00000578390
AATGT...TGACGAAGGAGTACATTGTCAGGGAGGACAACCACAGCTATTATGTGTCCCGT
8 kbp
introns not to scale
PLXDC1
LRP1B
RETAINED PROTEIN DOMAINS
in−frame fusion
Low−density lipoprotein receptor domain class A
LRP1B
PLXDC1
SUPPORTING READ COUNT
Split reads = 1
Discordant mates = 3
translocation
deletion
duplication
inversion



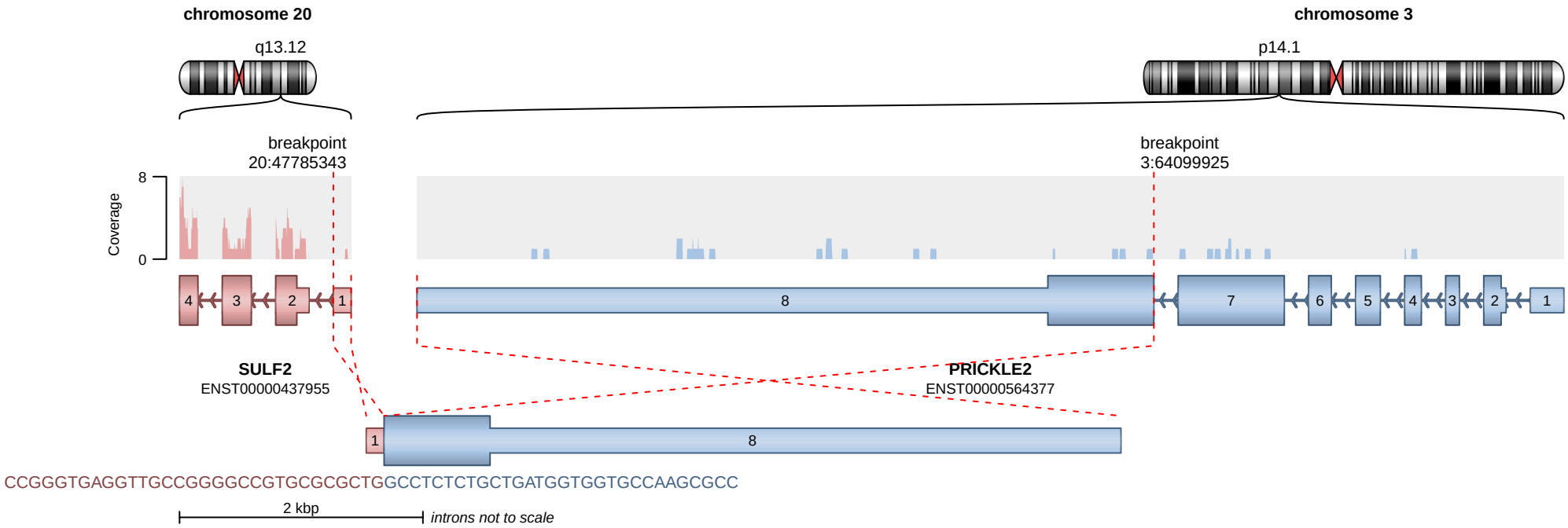


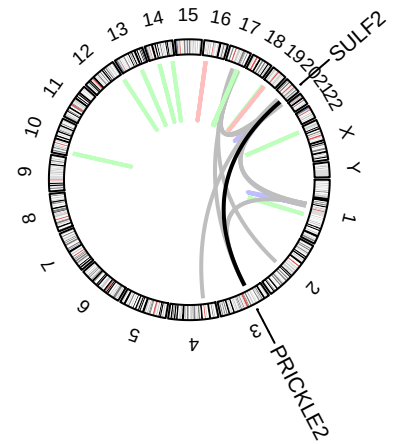


SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 0

translocation
deletion
duplication
inversion



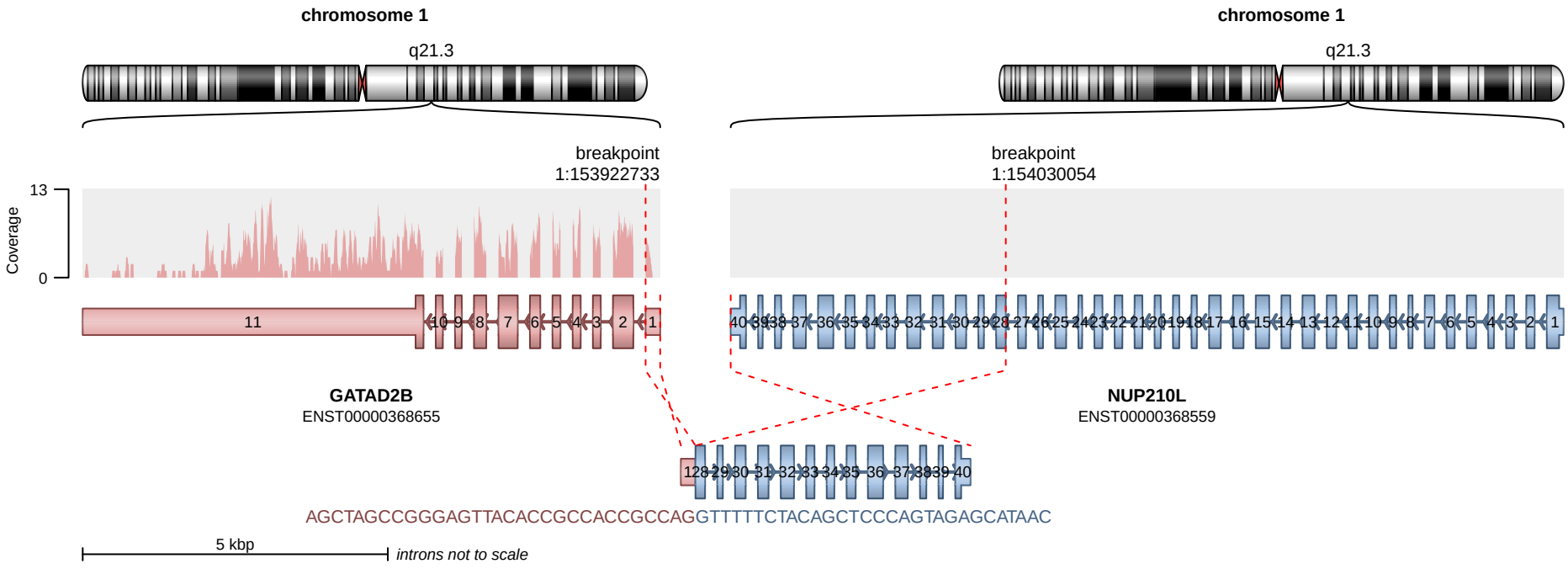


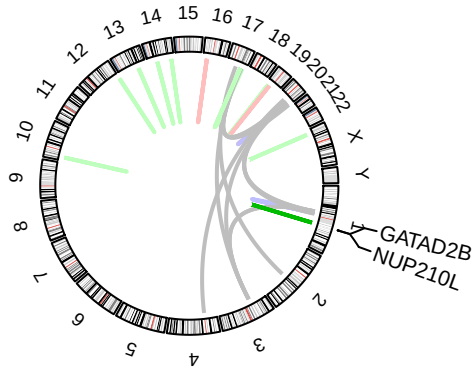
translocation
deletion
duplication
inversion

No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 3

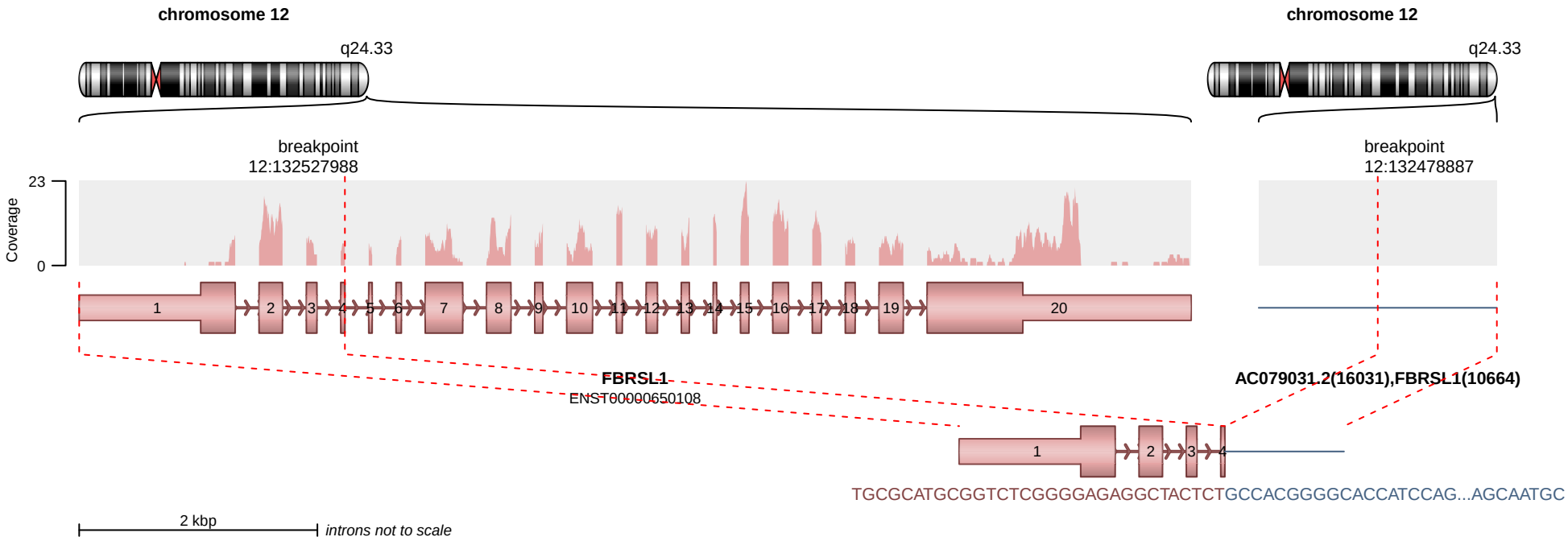


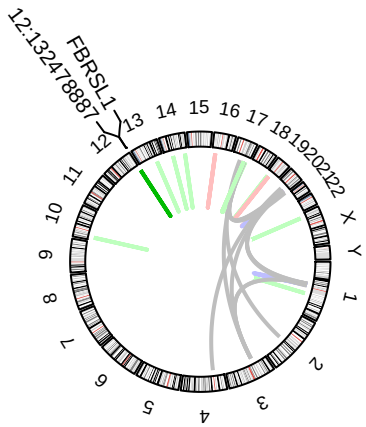


No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 3

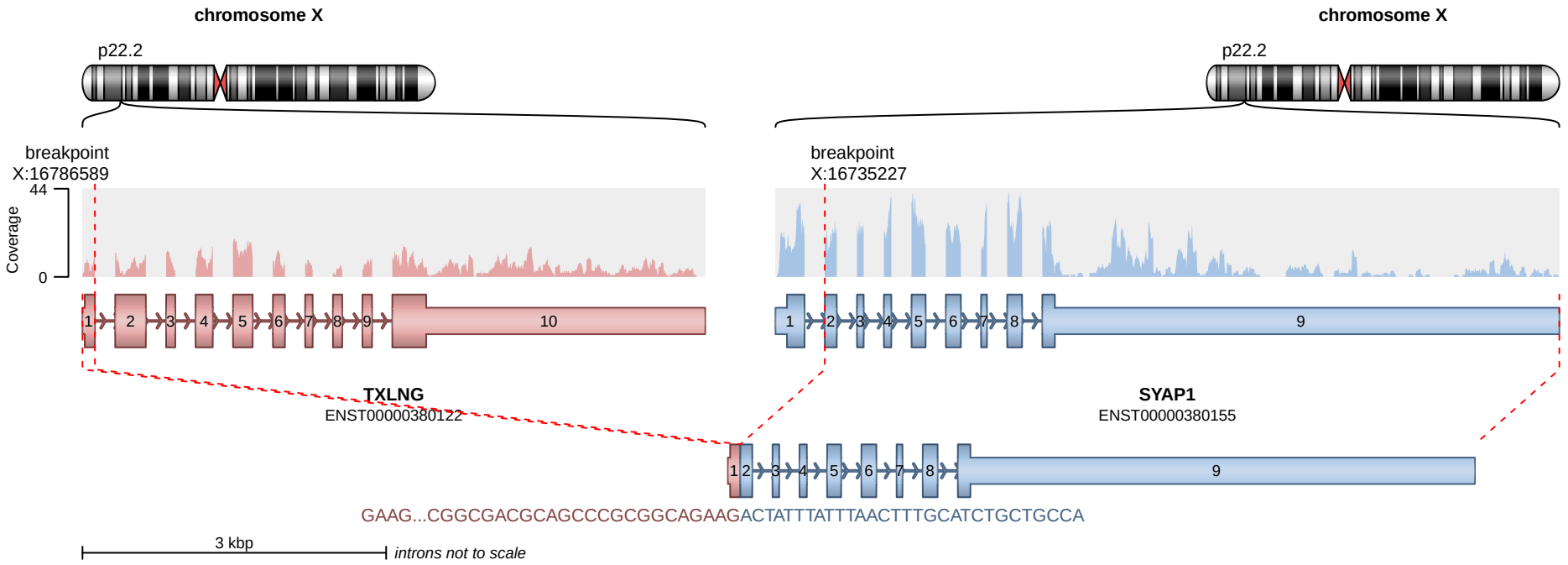


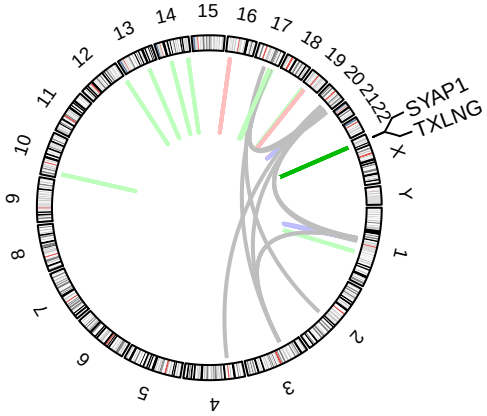


No protein domains retained in fusion.

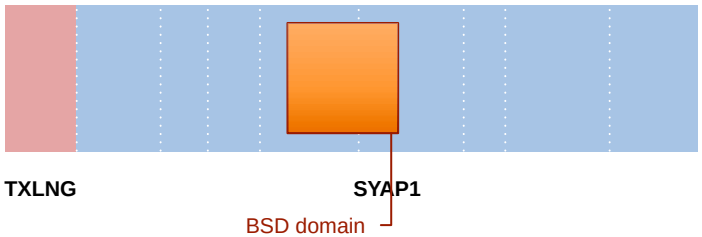
SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 3





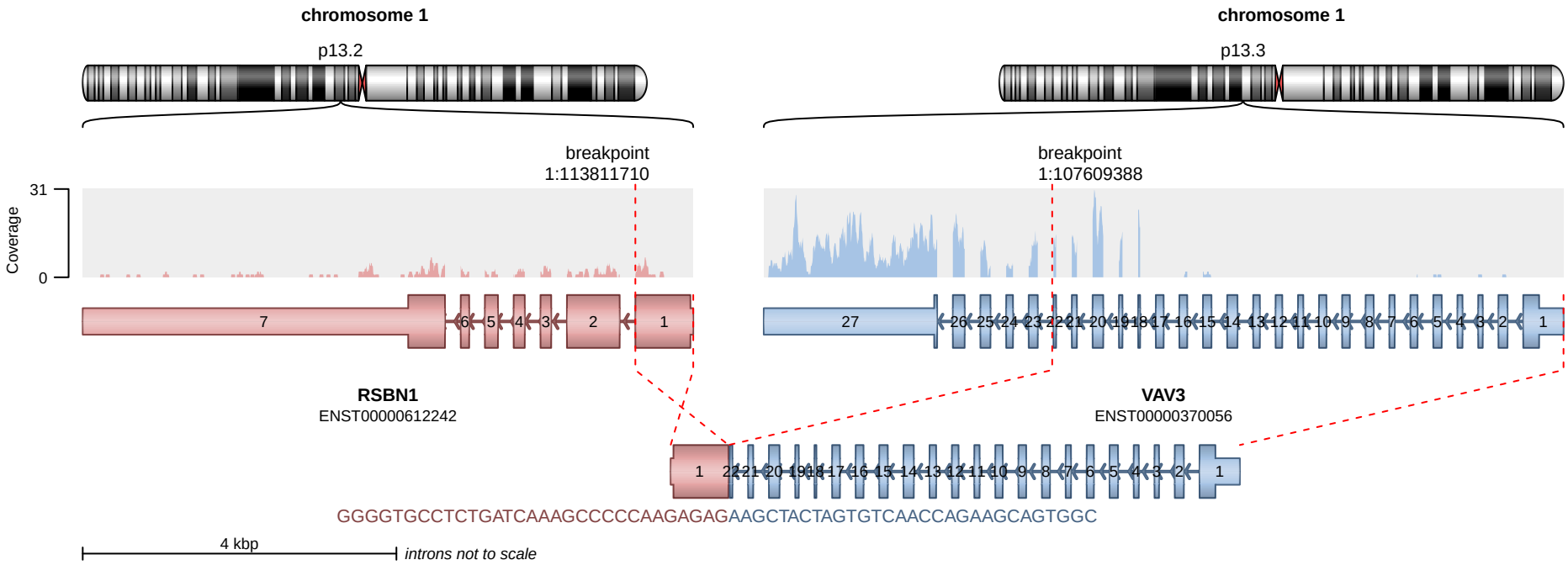
RETAINED PROTEIN DOMAINS
out−of−frame fusion

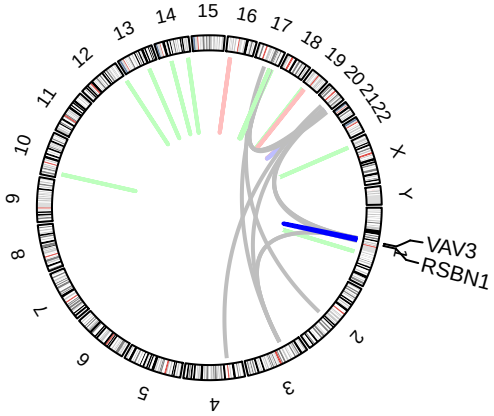


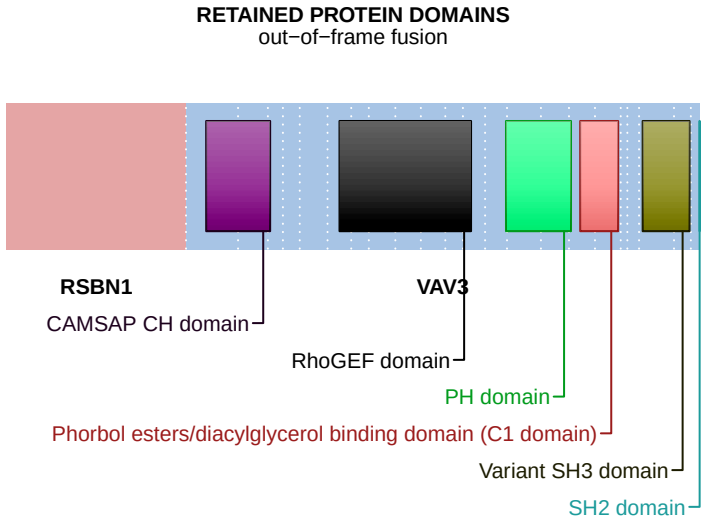
SUPPORTING READ COUNT

Split reads = 3
Discordant mates = 1

translocation
deletion
duplication
inversion

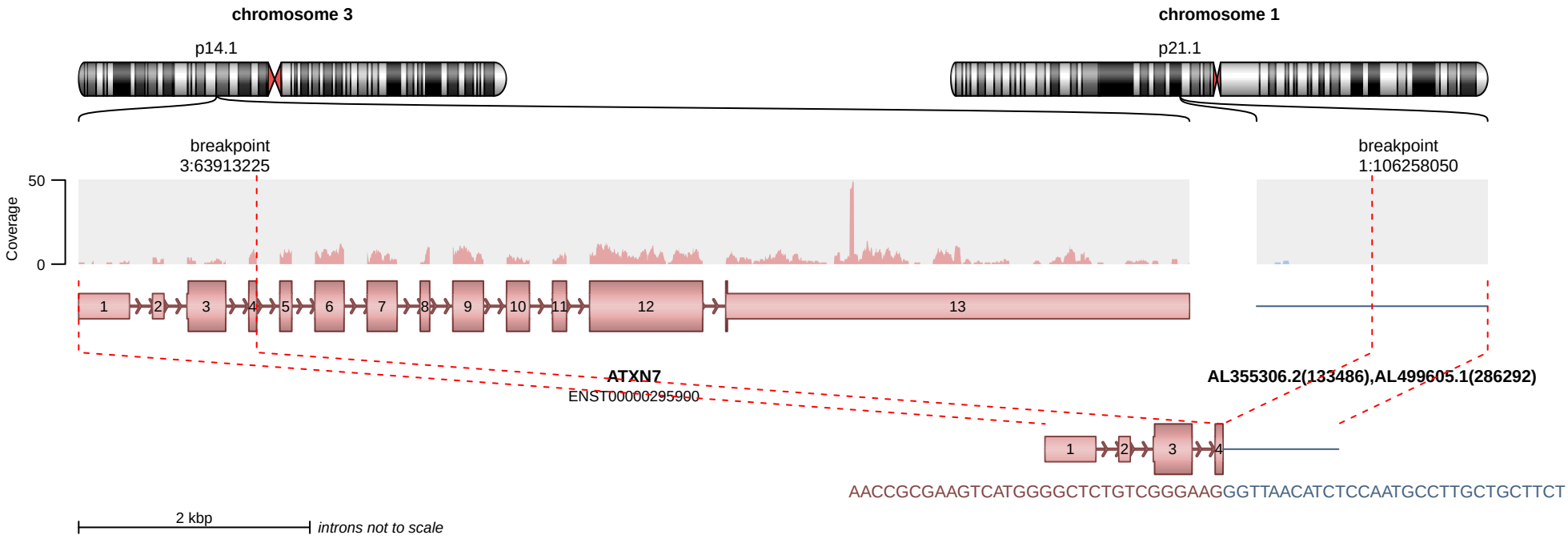


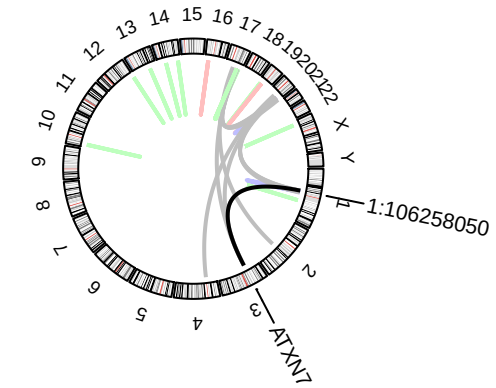




SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 2



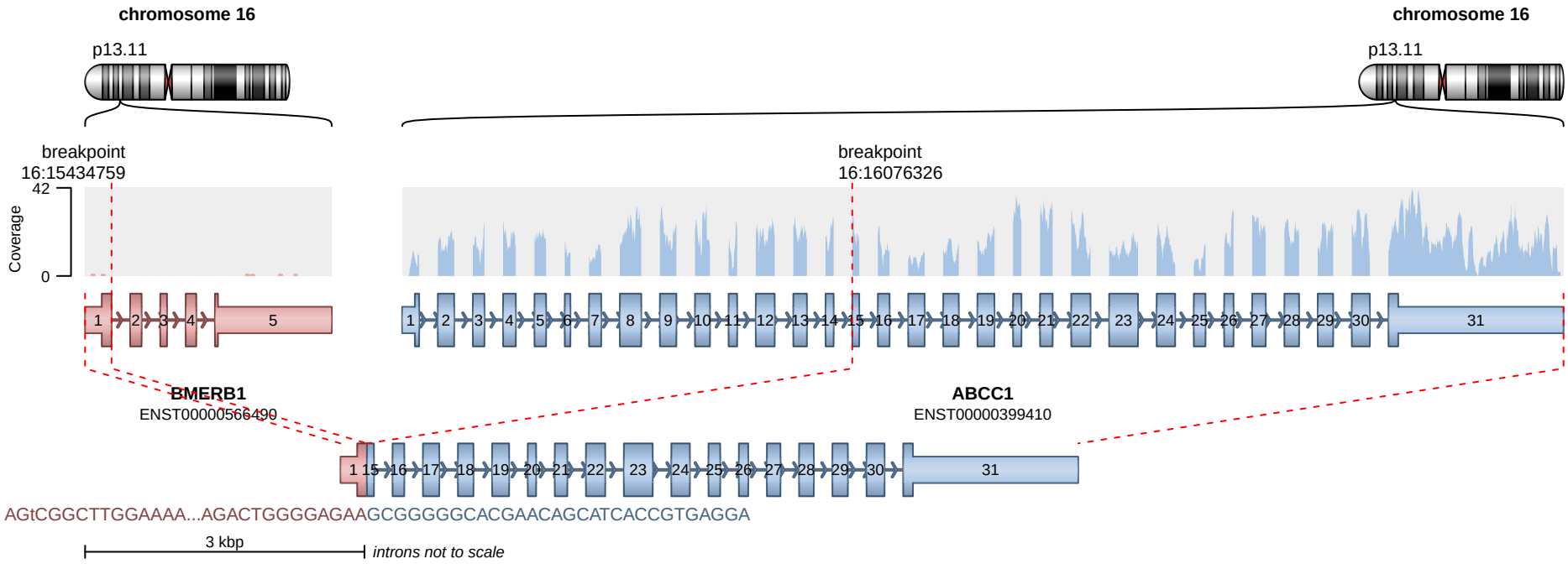


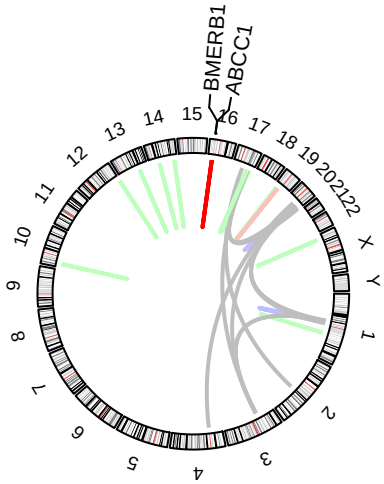
translocation
deletion
duplication
inversion

No protein domains retained in fusion.

SUPPORTING READ COUNT

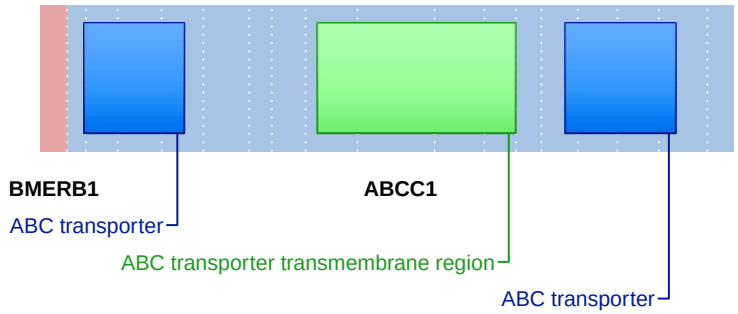
Split reads = 1
Discordant mates = 1





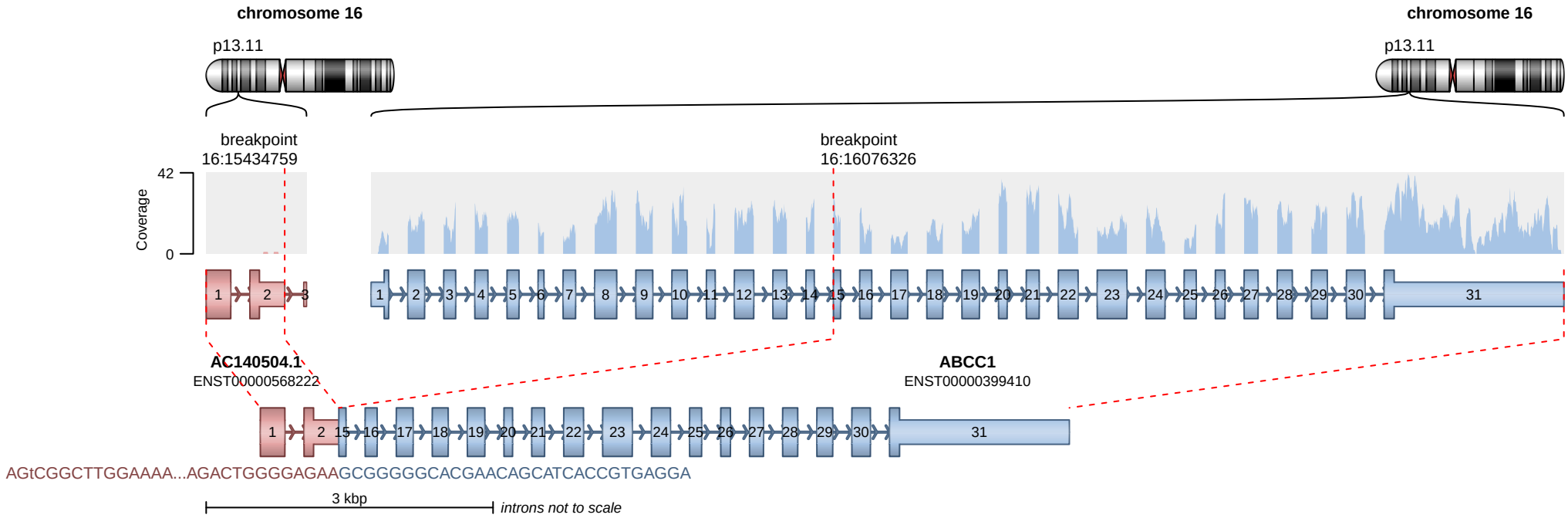
translocation
deletion
duplication
inversion

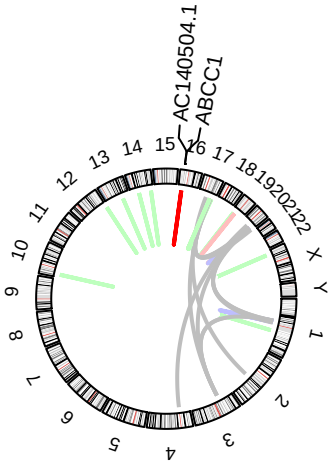
RETAINED PROTEIN DOMAINS
in−frame fusion



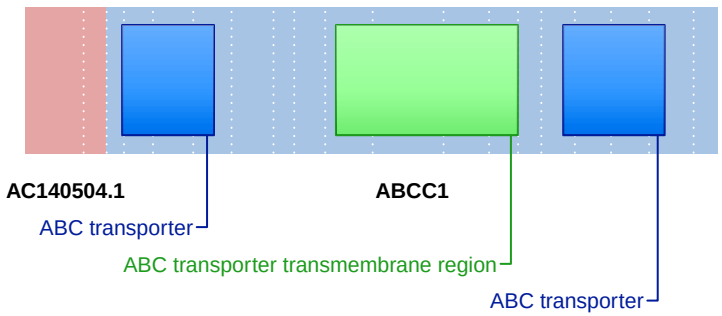
SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 1





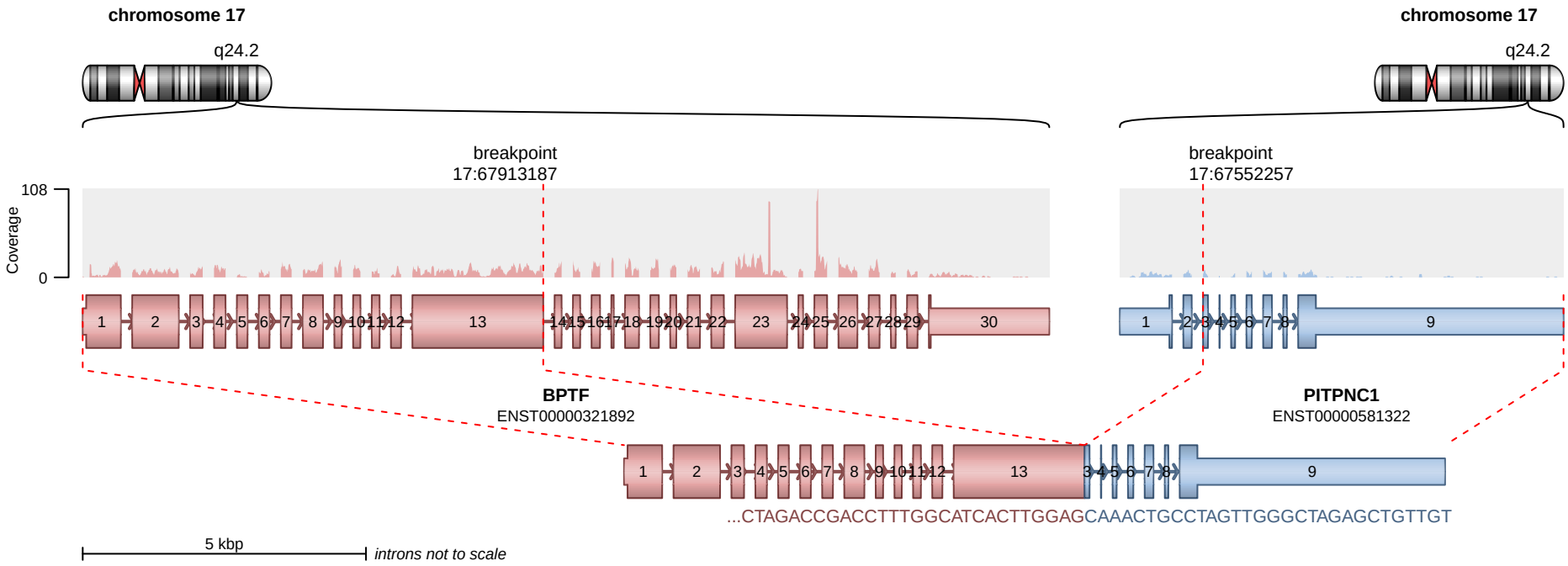
RETAINED PROTEIN DOMAINS
reading frame unclear

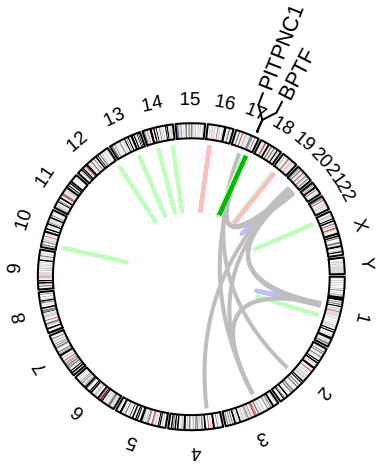


SUPPORTING READ COUNT

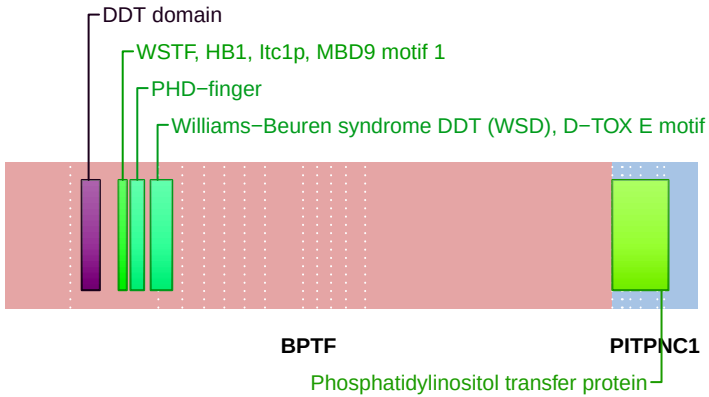
Split reads = 1
Discordant mates = 1

translocation
deletion
duplication
inversion





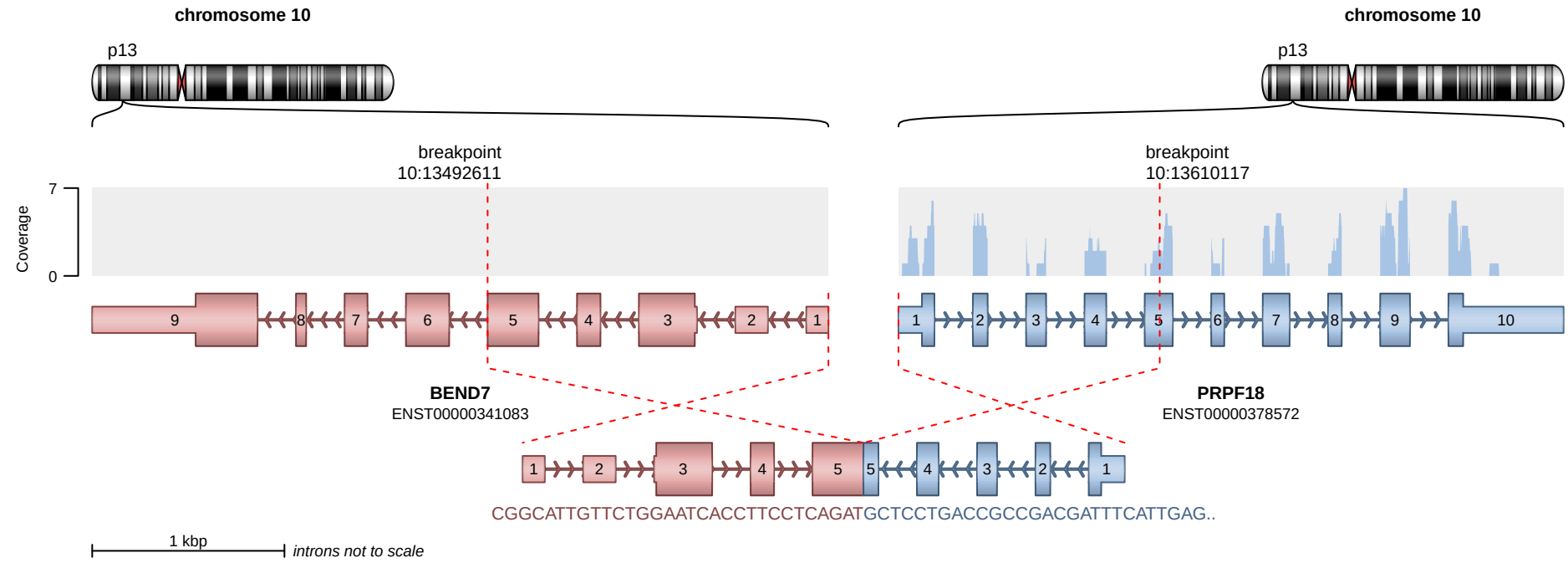
RETAINED PROTEIN DOMAINS
in−frame fusion

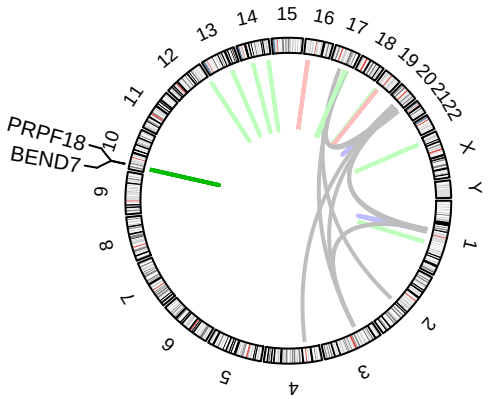


SUPPORTING READ COUNT

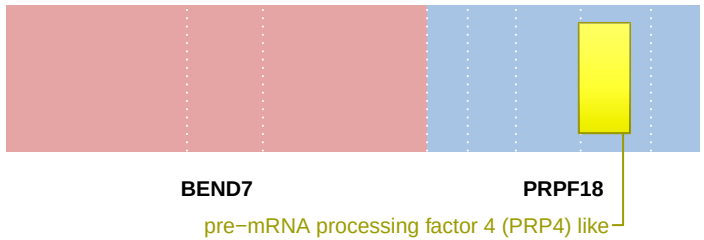
Split reads = 2
Discordant mates = 0

translocation
deletion
duplication
inversion



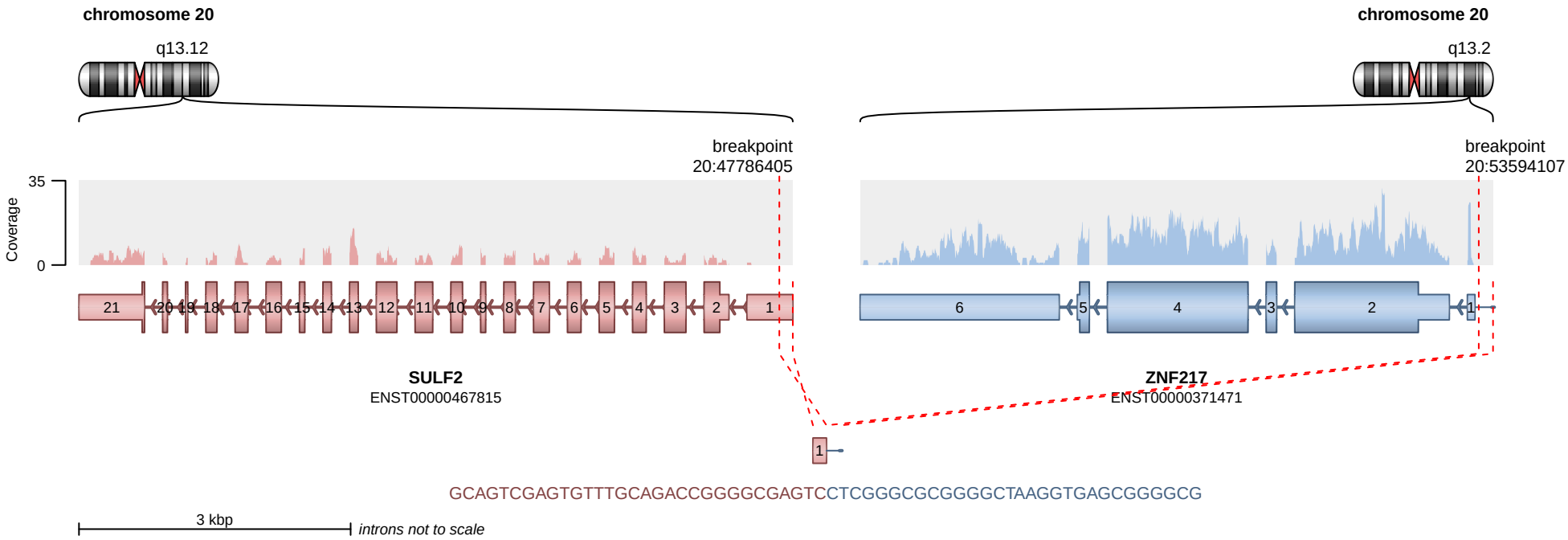


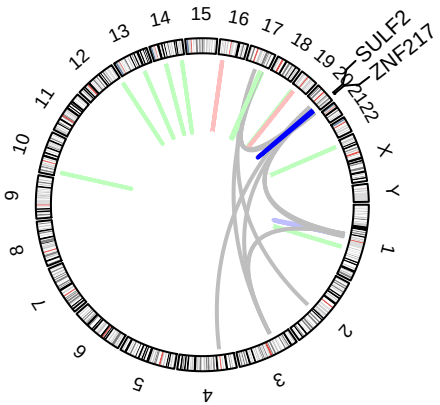
RETAINED PROTEIN DOMAINS
out−of−frame fusion



SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 1

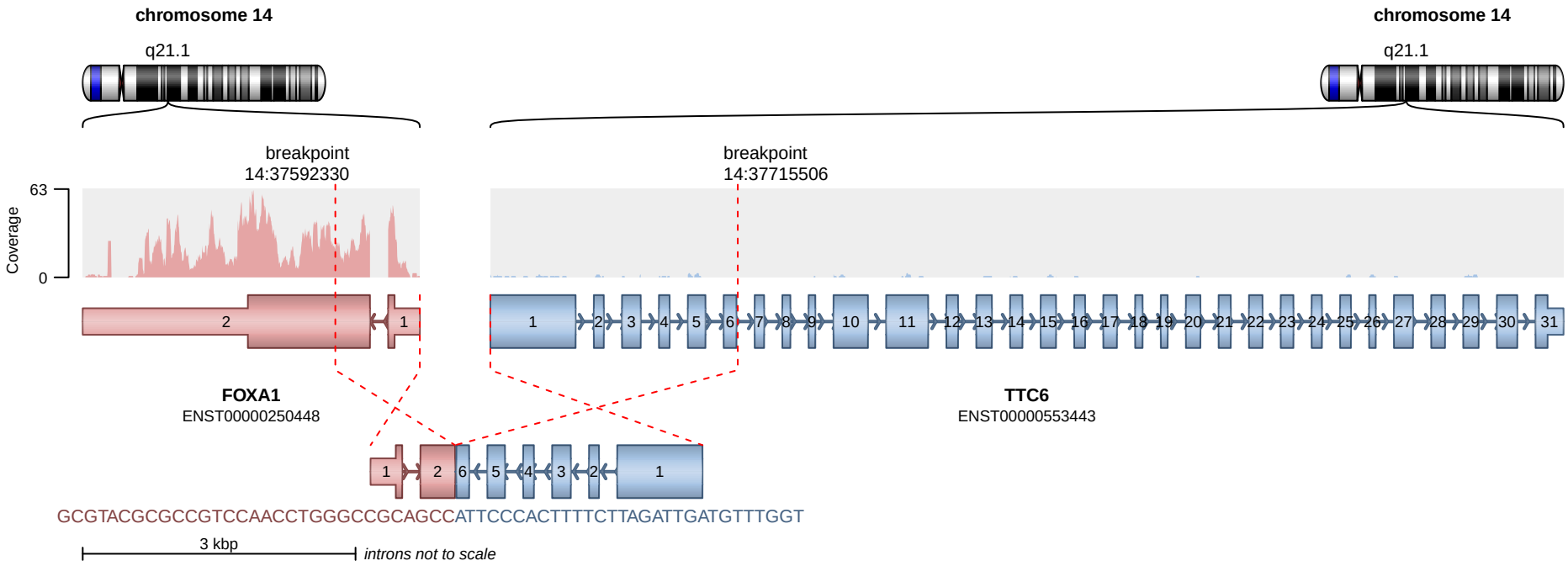


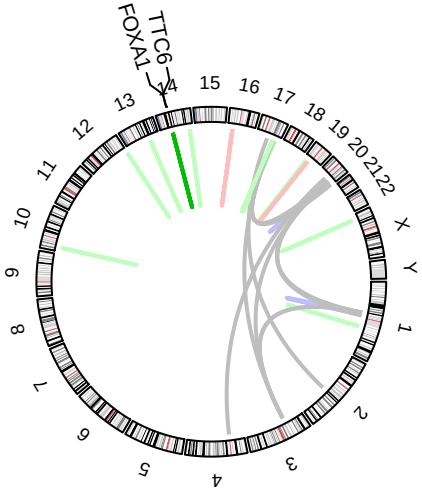


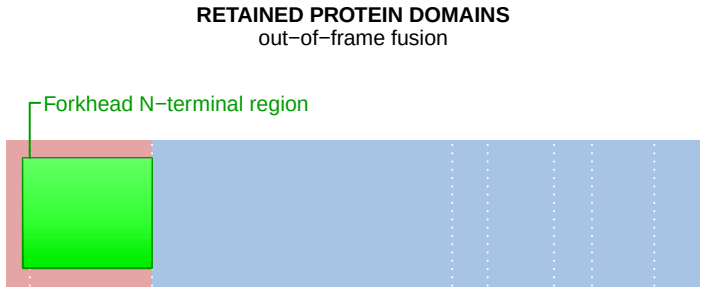
No coding regions retained in fusion transcript.

SUPPORTING READ COUNT

Split reads = 9
Discordant mates = 15



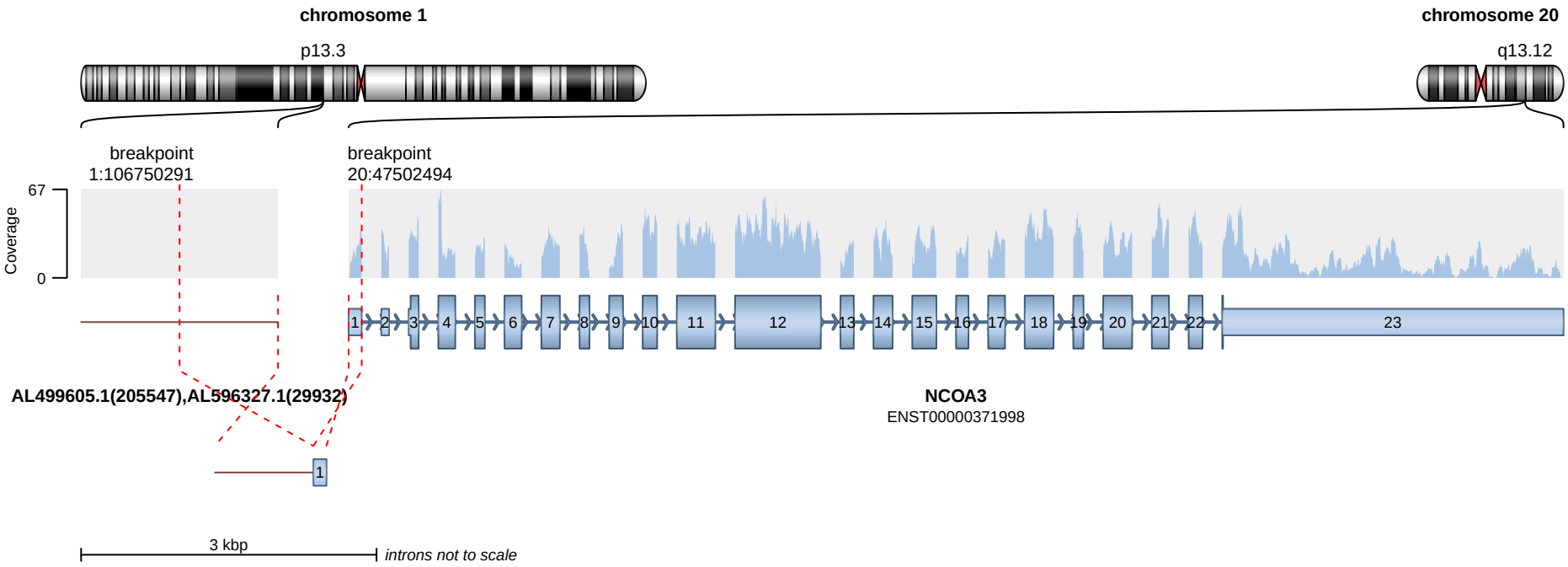


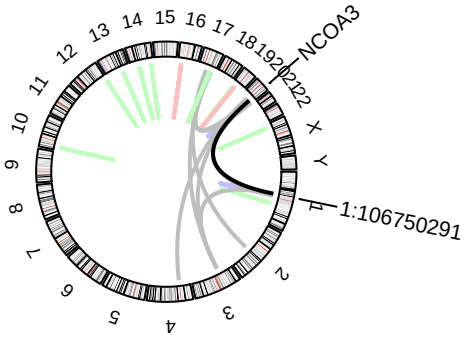


SUPPORTING READ COUNT

Split reads = 4
Discordant mates = 18

translocation
deletion
duplication
inversion



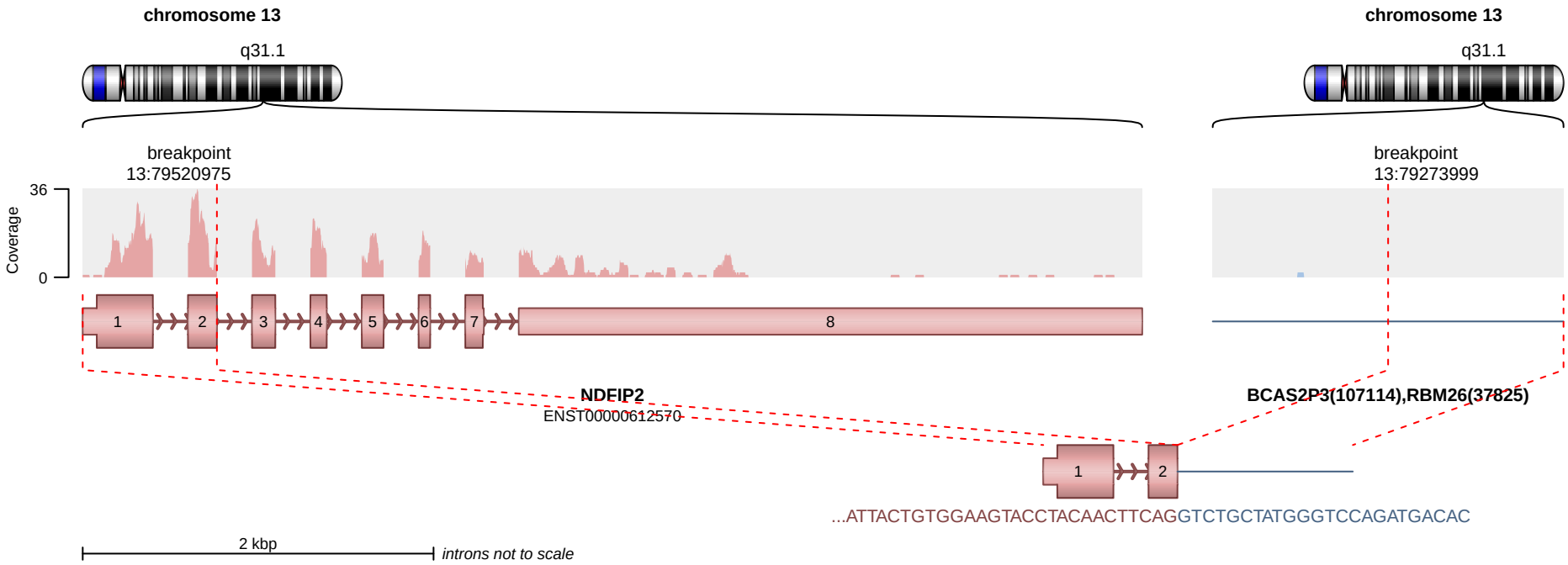


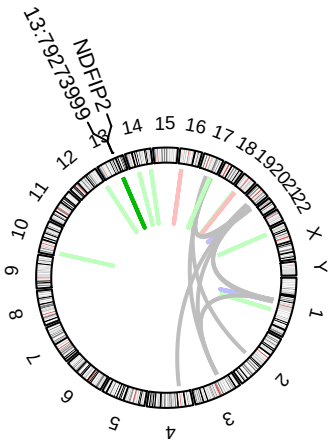
translocation
deletion
duplication
inversion

No coding regions retained in fusion transcript.

SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 5



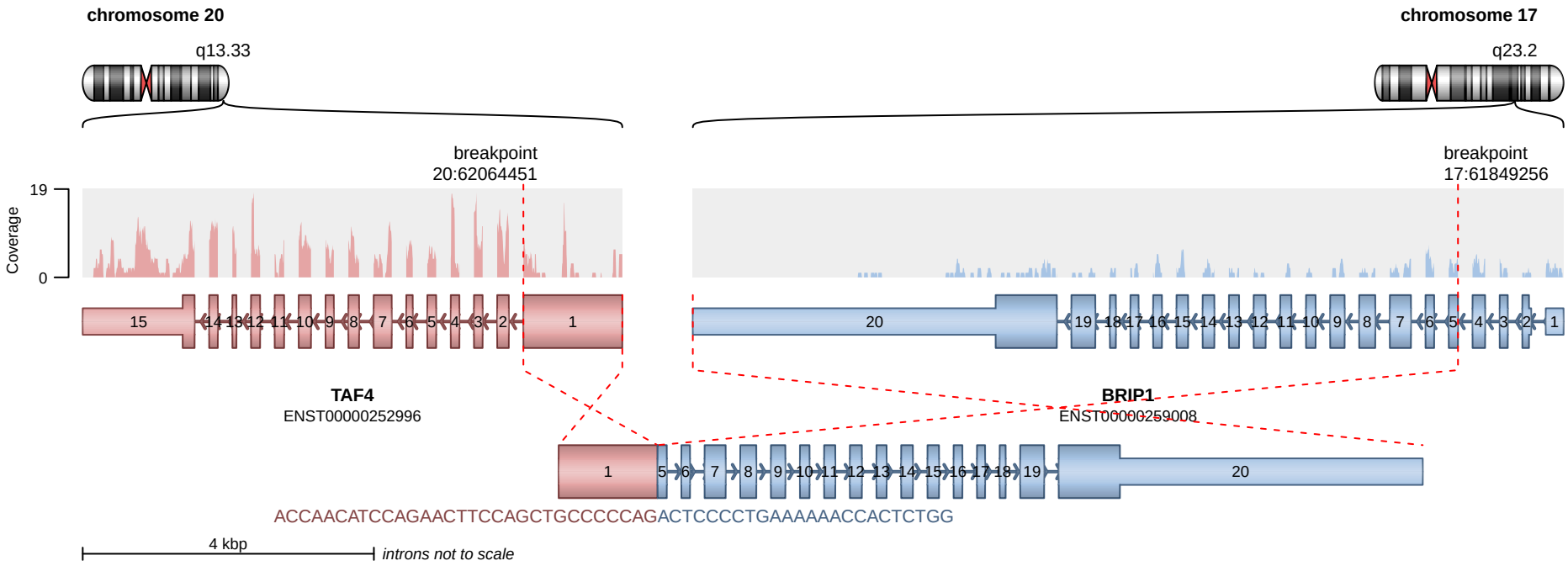


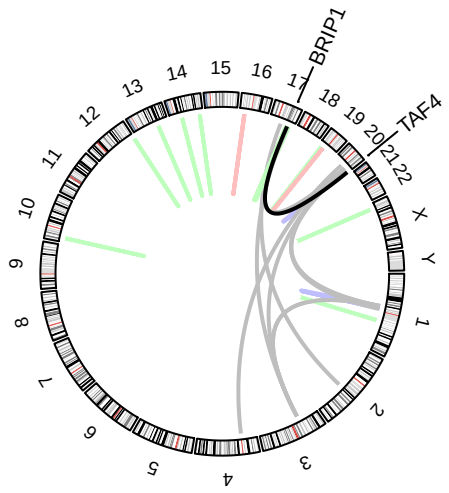
No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 2
Discordant mates = 0

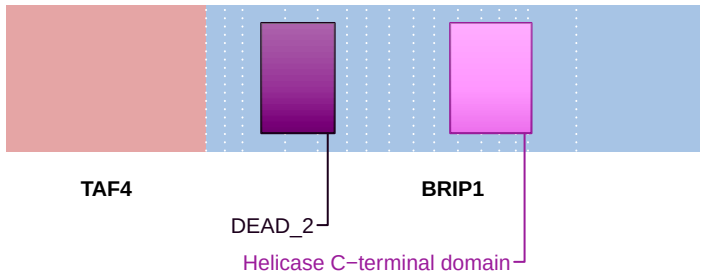
translocation
deletion
duplication
inversion





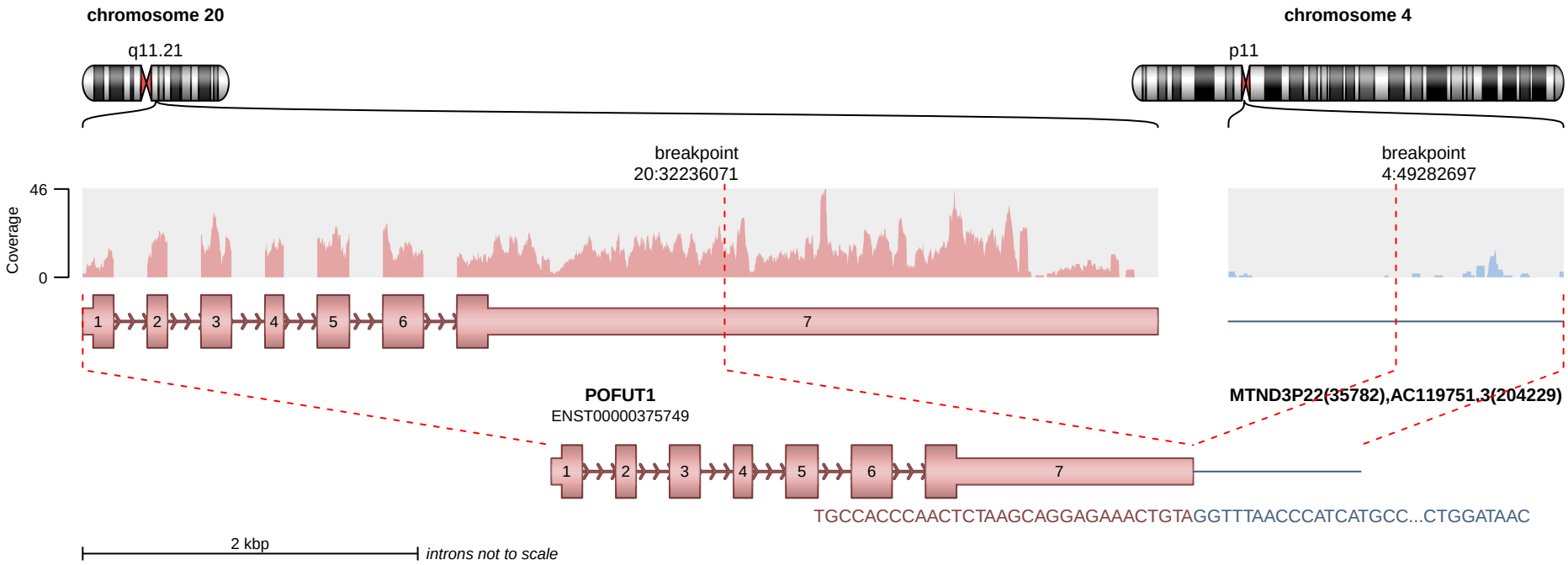
translocation
deletion
duplication
inversion

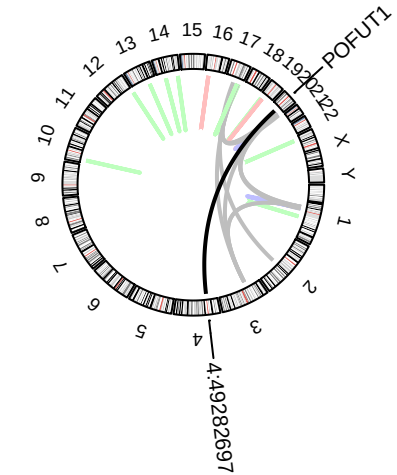
RETAINED PROTEIN DOMAINS
in−frame fusion



SUPPORTING READ COUNT

Split reads = 2
Discordant mates = 0

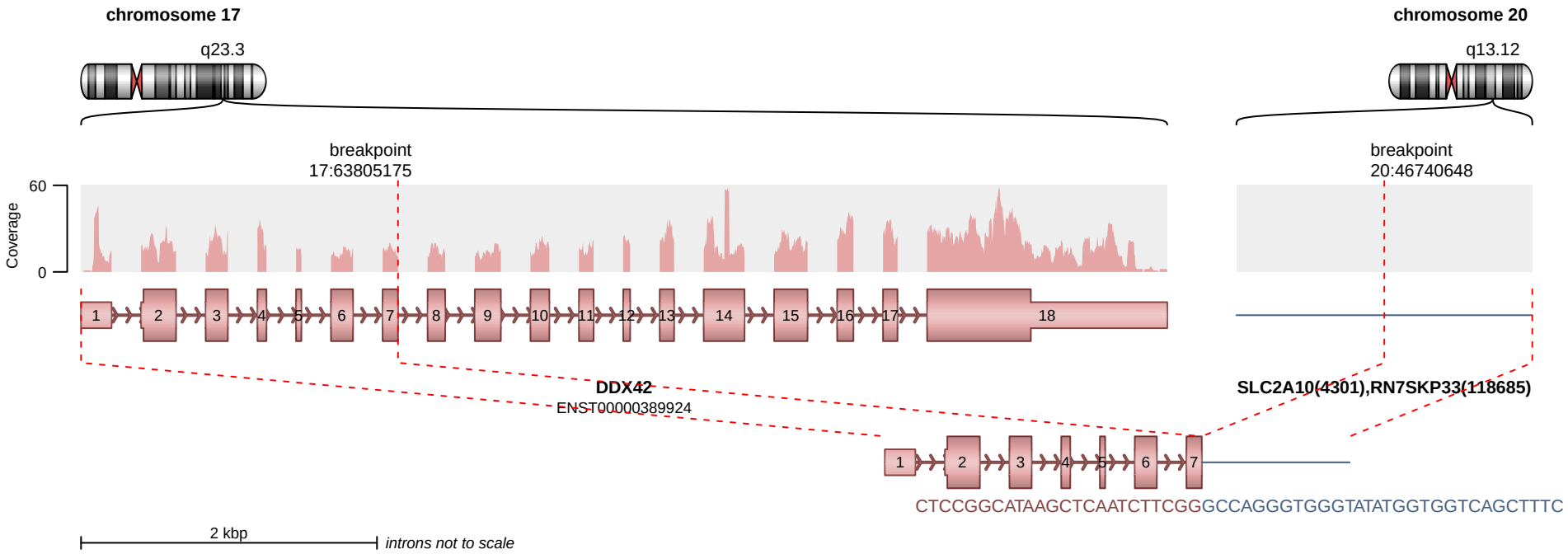


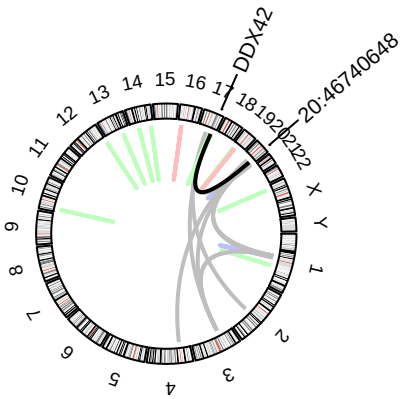


No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 1



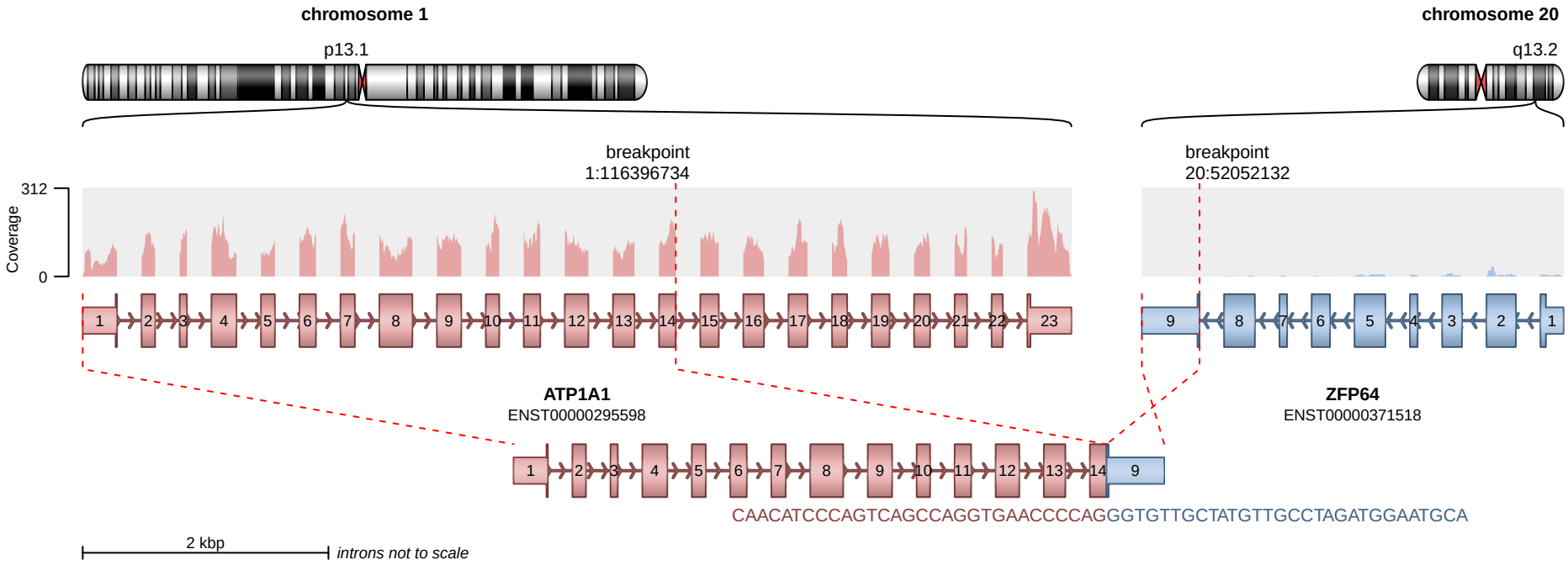


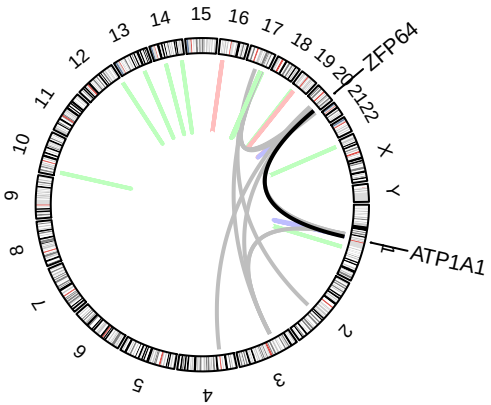
translocation
deletion
duplication
inversion

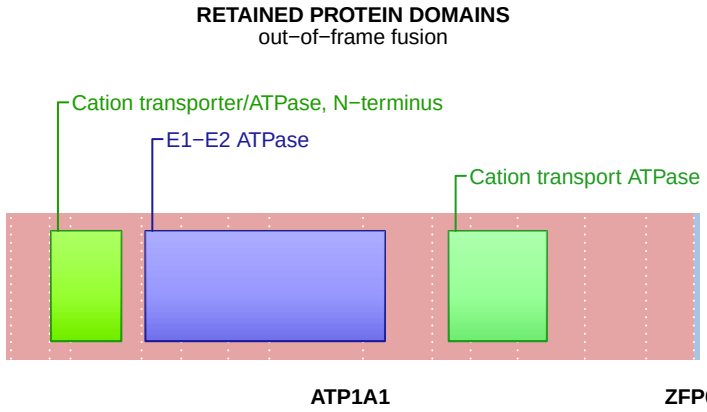
No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 2
Discordant mates = 0



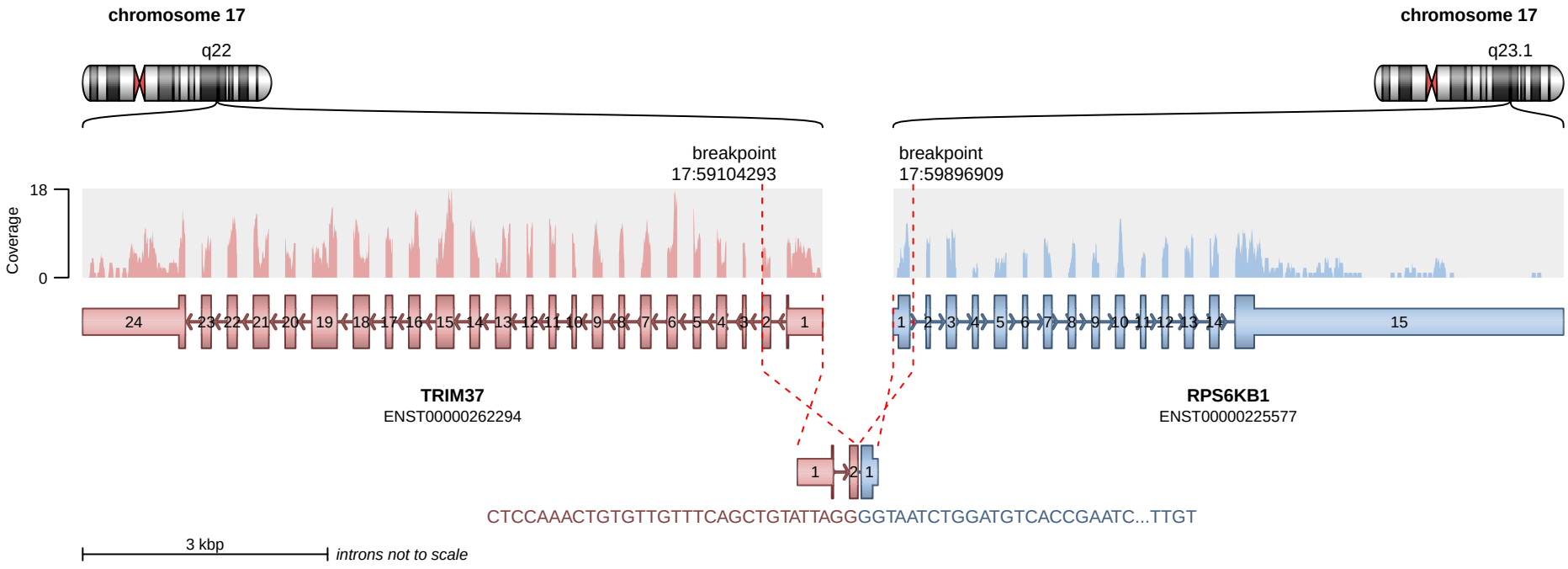


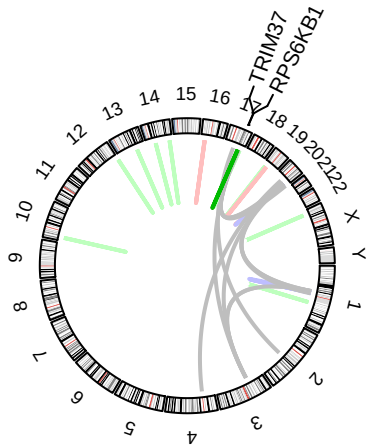


SUPPORTING READ COUNT

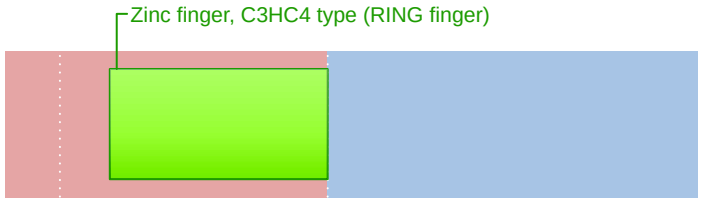
Split reads = 2
Discordant mates = 0

translocation
deletion
duplication
inversion





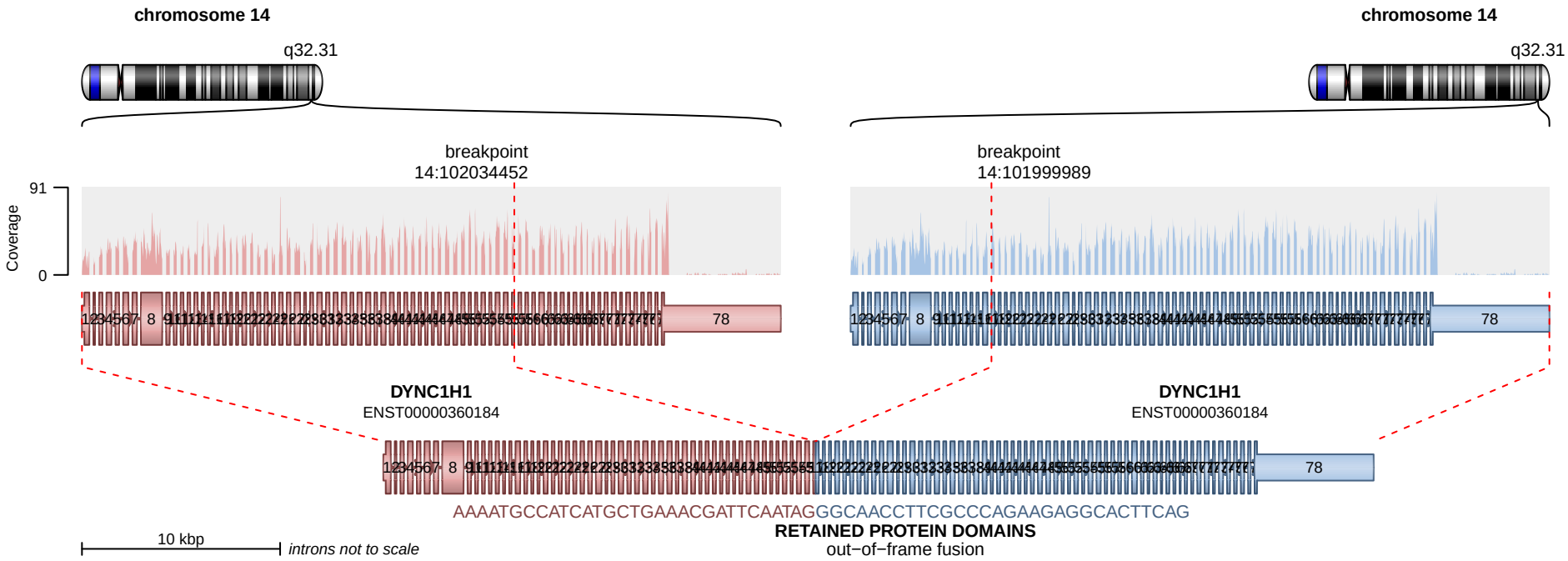
RETAINED PROTEIN DOMAINS
out−of−frame fusion

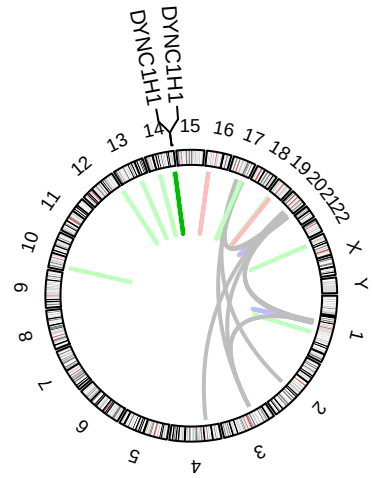


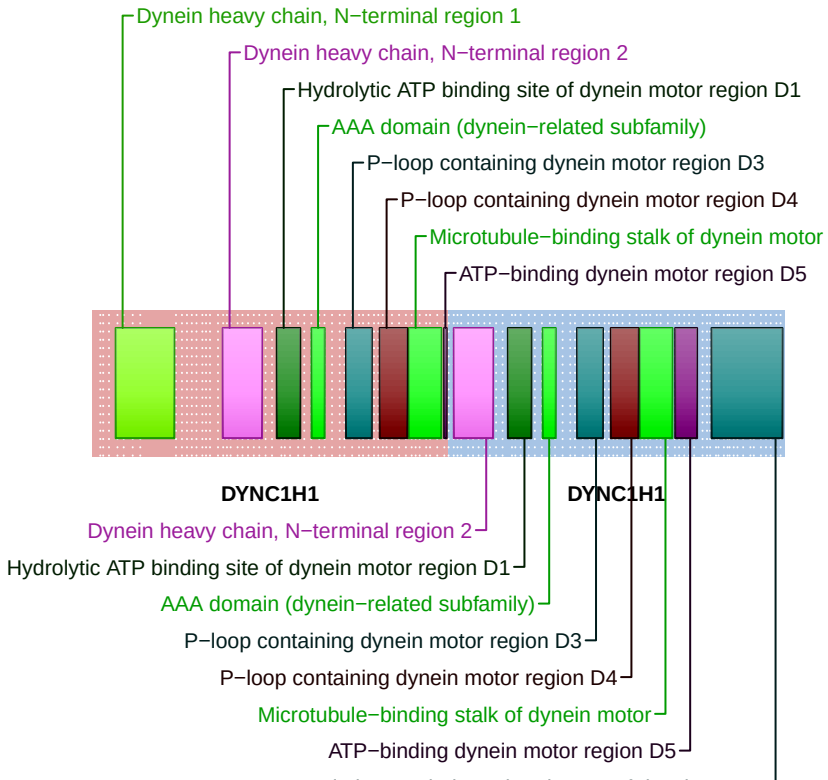
SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 1

translocation
deletion
duplication
inversion

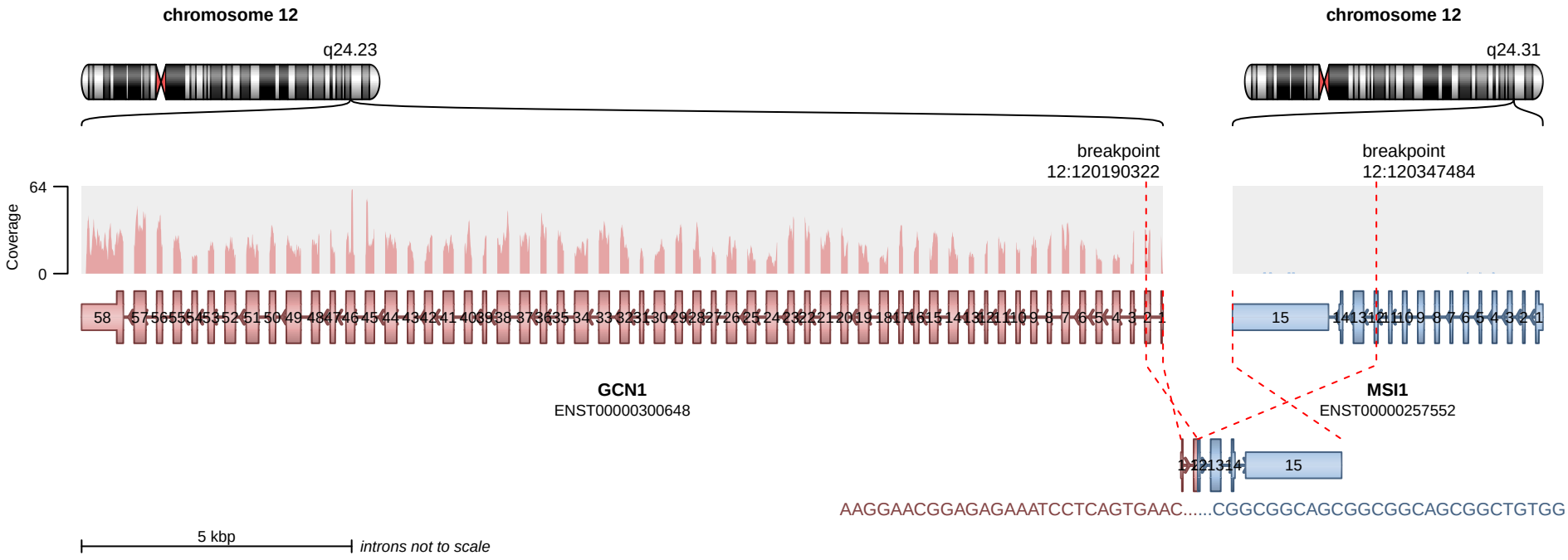


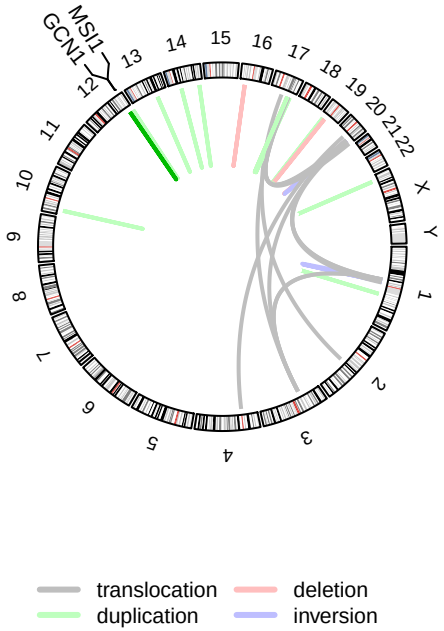




SUPPORTING READ COUNT

Split reads = 6
Discordant mates = 4

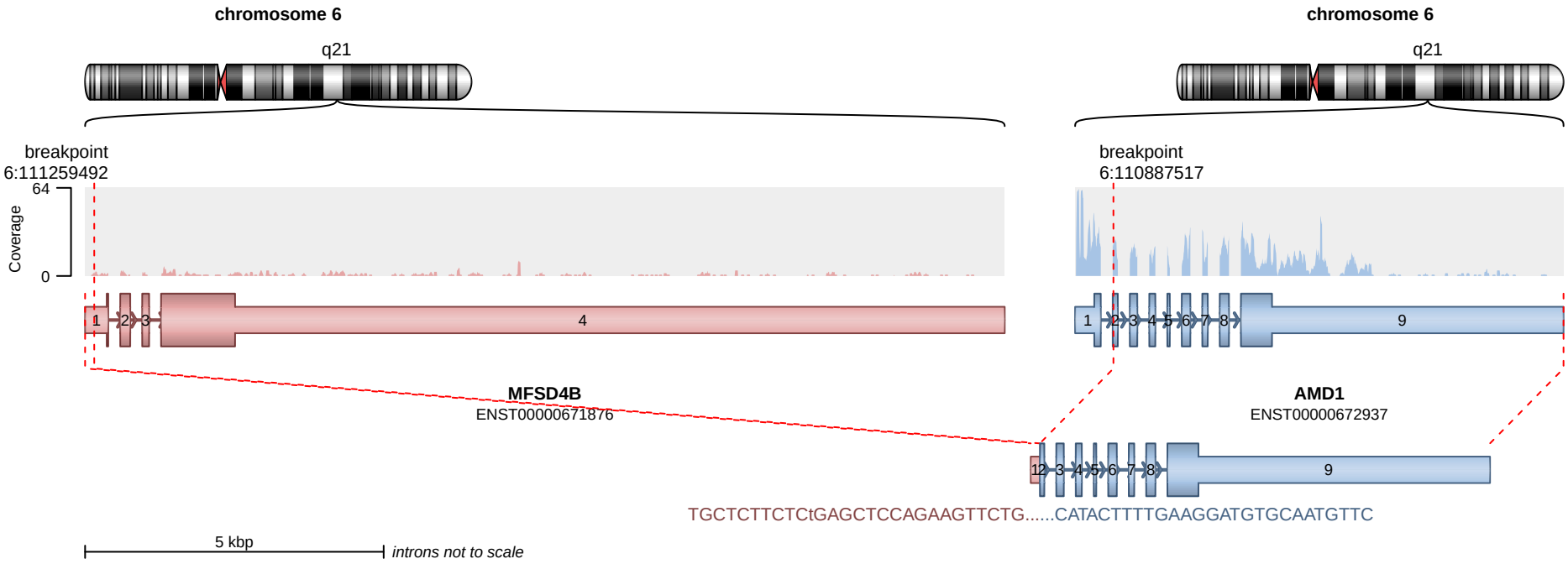


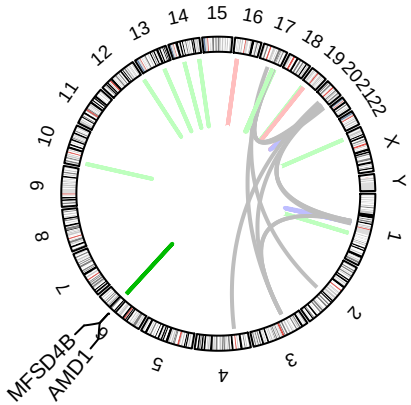


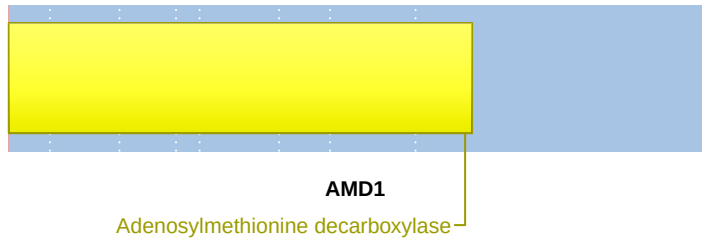
No protein domains retained in fusion.

SUPPORTING READ COUNT

Split reads = 0
Discordant mates = 7



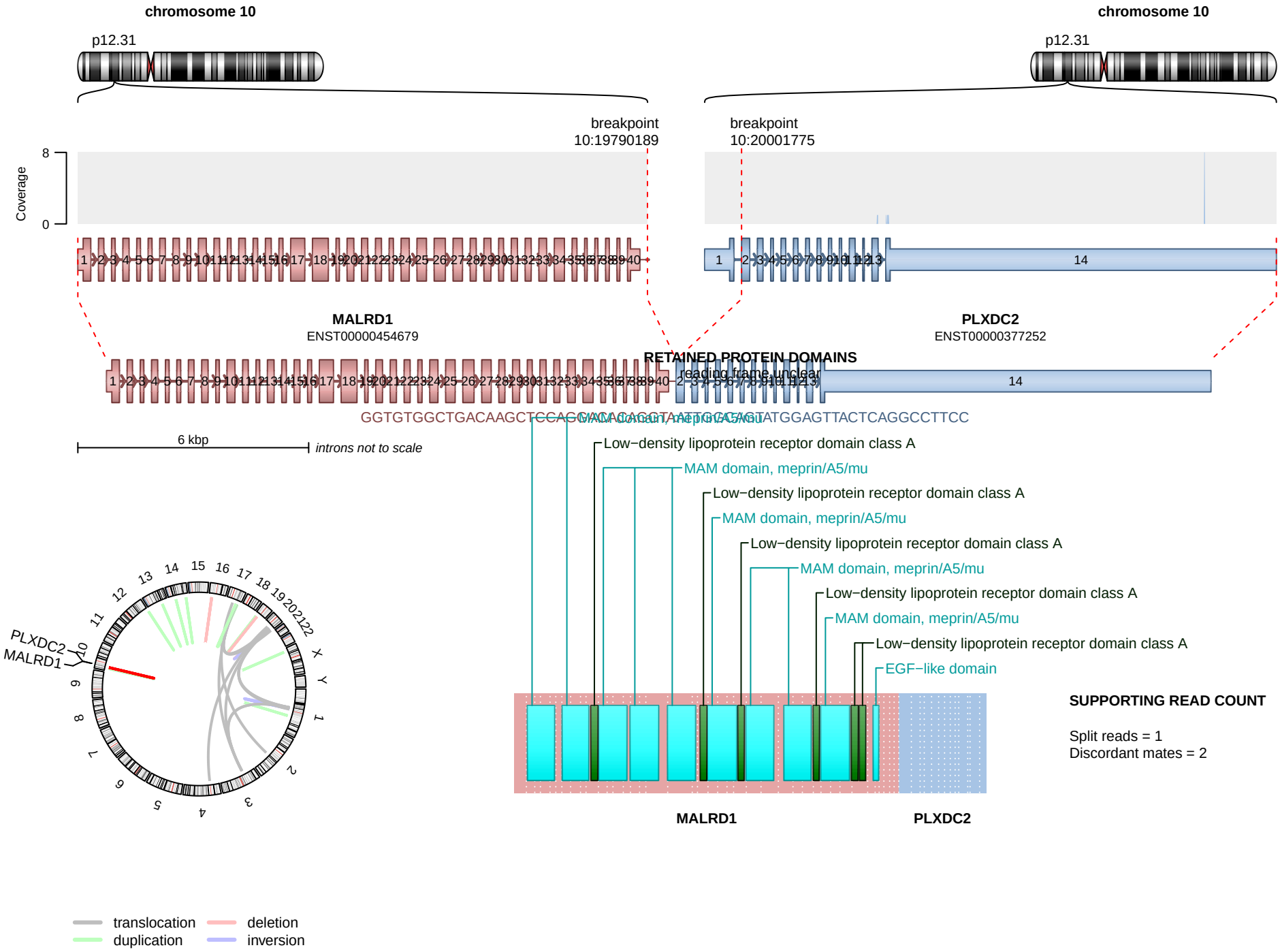




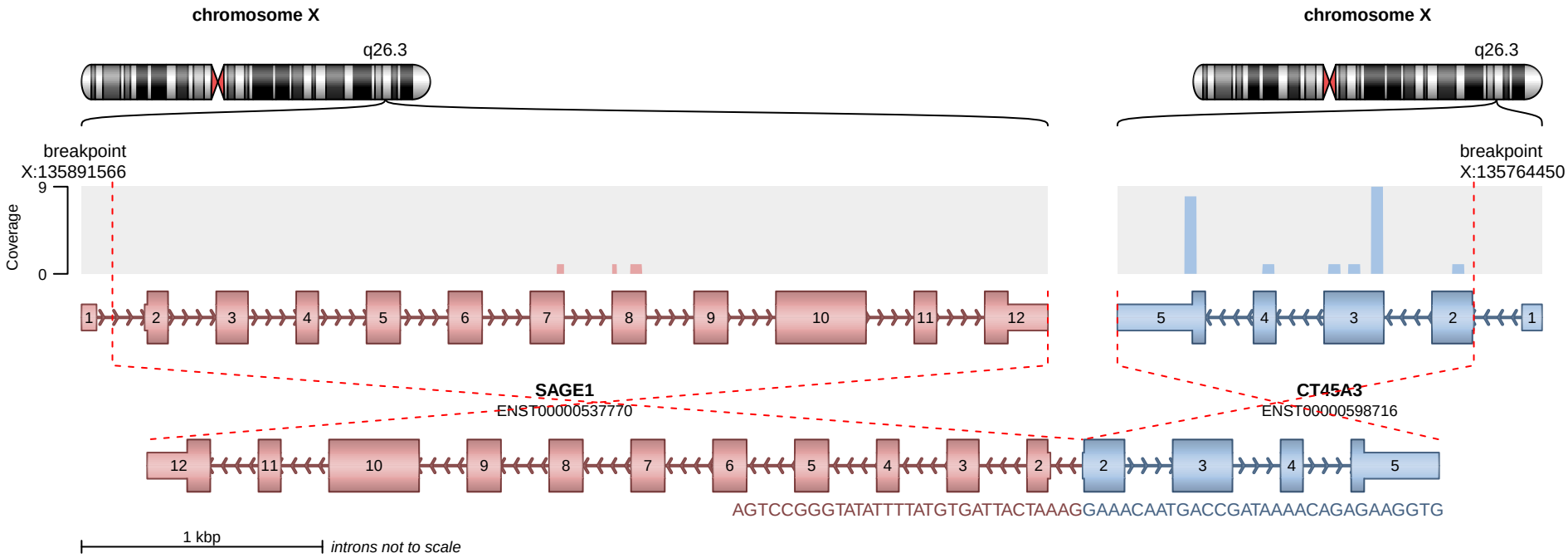
SUPPORTING READ COUNT

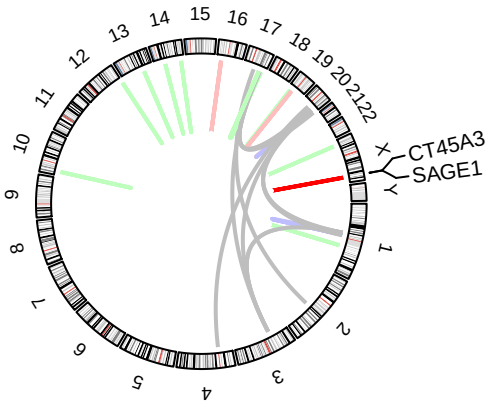
Split reads = 0
Discordant mates = 6

translocation
deletion
duplication
inversion



chromosome 10
p12.31
chromosome 10
p12.31
breakpoint
10:19790189
breakpoint
10:20001775
Coverage
8
0
MALRD1
ENST00000454679
PLXDC2
ENST00000377252
RETAINED PROTEIN DOMAINS
reading frame unclear
14
6 kbp
introns not to scale
Low−density lipoprotein receptor domain class A
MAM domain, meprin/A5/mu
Low−density lipoprotein receptor domain class A
MAM domain, meprin/A5/mu
Low−density lipoprotein receptor domain class A
MAM domain, meprin/A5/mu
Low−density lipoprotein receptor domain class A
MAM domain, meprin/A5/mu
Low−density lipoprotein receptor domain class A
EGF−like domain
SUPPORTING READ COUNT
Split reads = 1
Discordant mates = 2
MALRD1
PLXDC2
PLXDC2
MALRD1
translocation
deletion
duplication
inversion



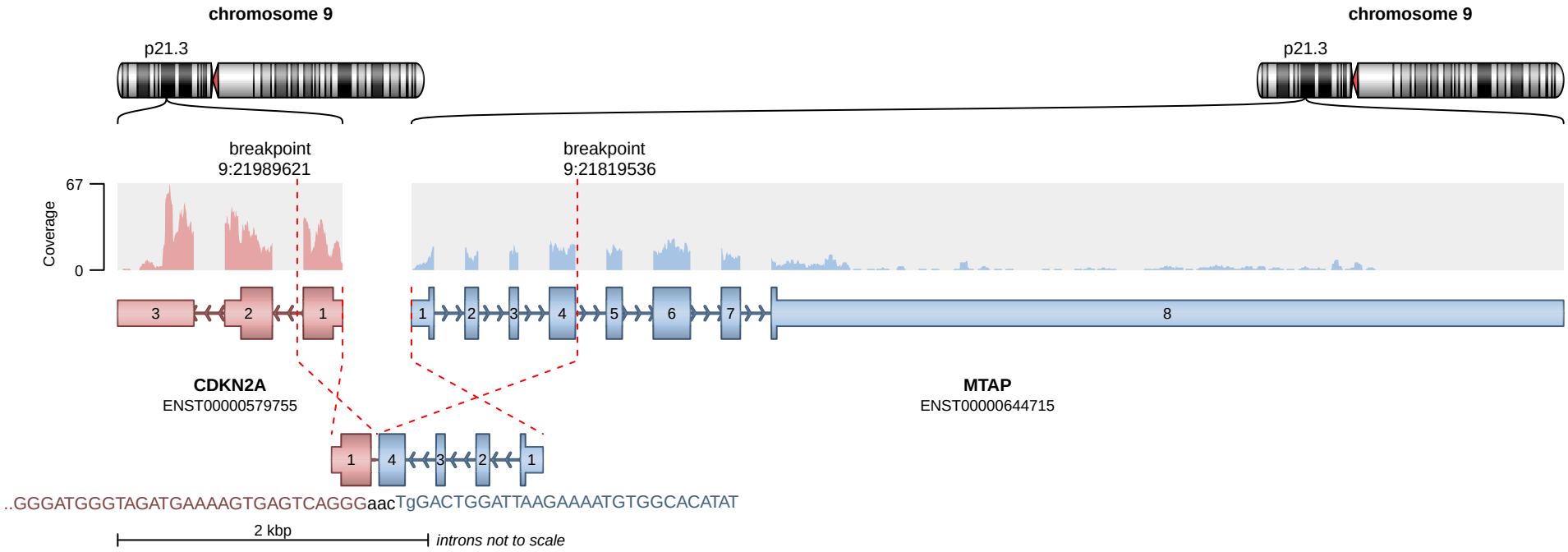


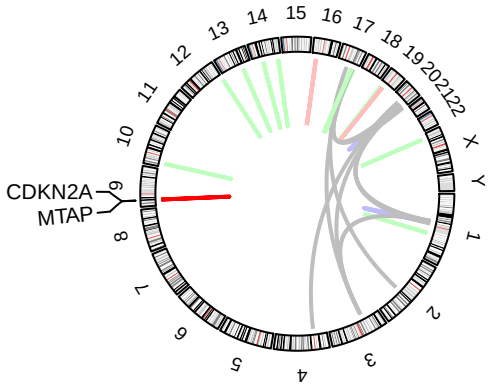
translocation
deletion
duplication
inversion

No protein domains retained in fusion.

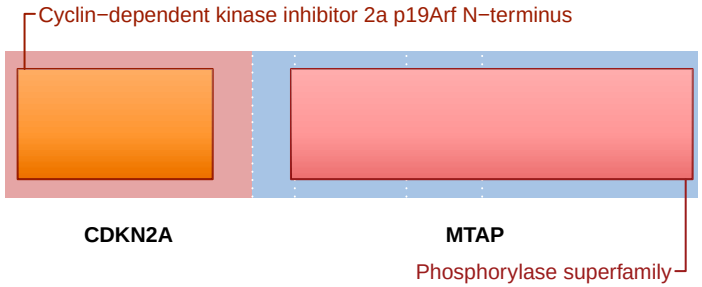
SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 1



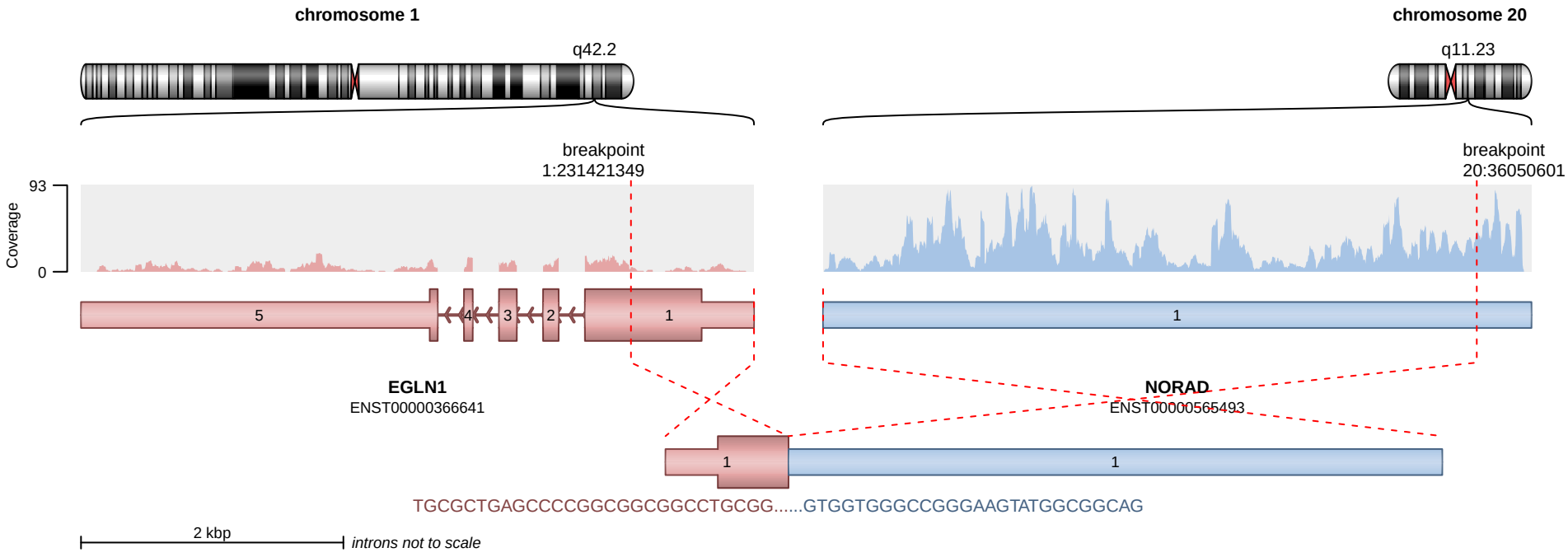


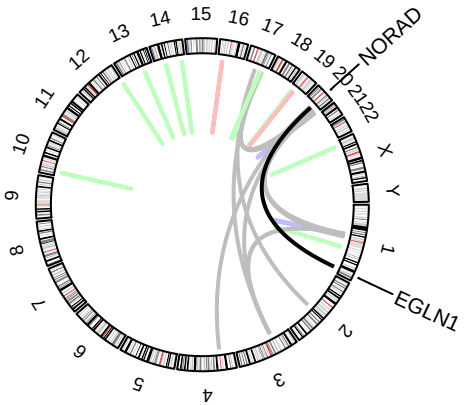
RETAINED PROTEIN DOMAINS
reading frame unclear



SUPPORTING READ COUNT

Split reads = 1
Discordant mates = 1





RETAINED PROTEIN DOMAINS
reading frame unclear

EGLN1

SUPPORTING READ COUNT

Split reads = 0
Discordant mates = 2