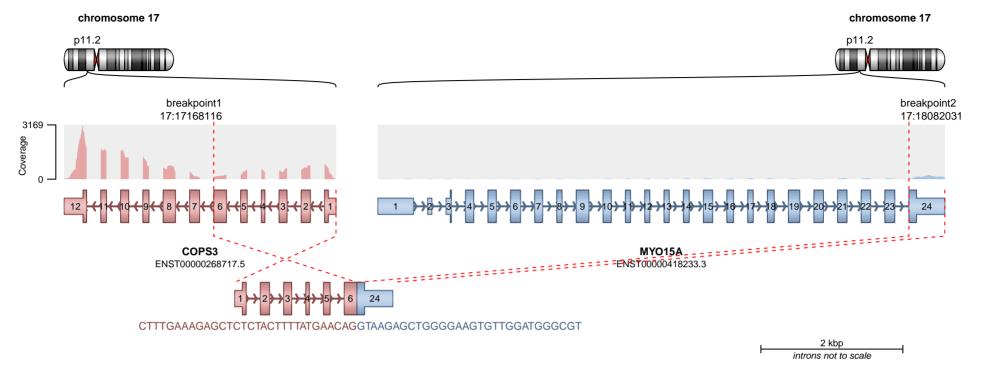
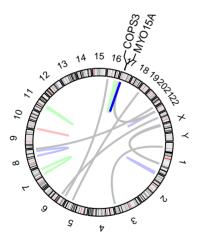


Split reads at breakpoint1 = 1 Split reads at breakpoint2 = 5 No protein domains retained in fusion.

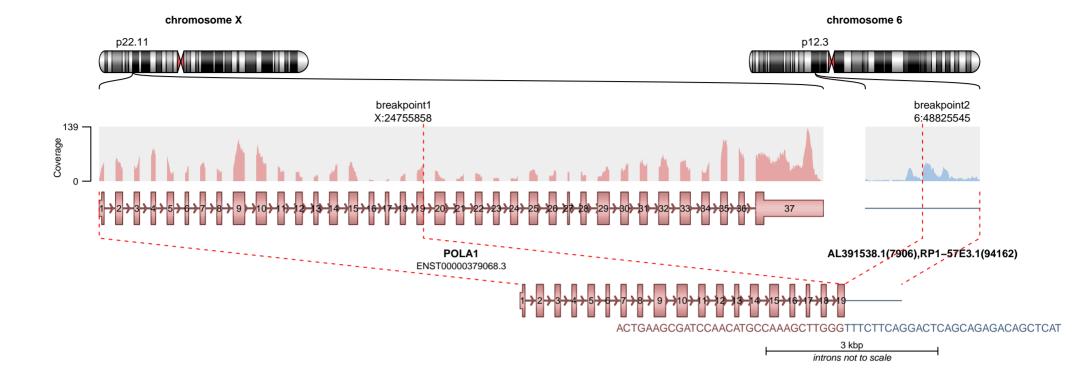
Discordant mates = 3

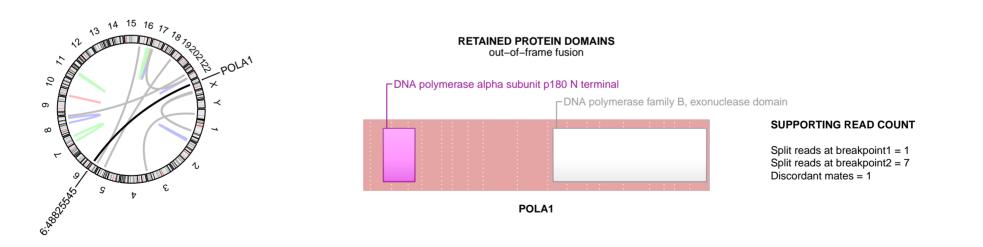


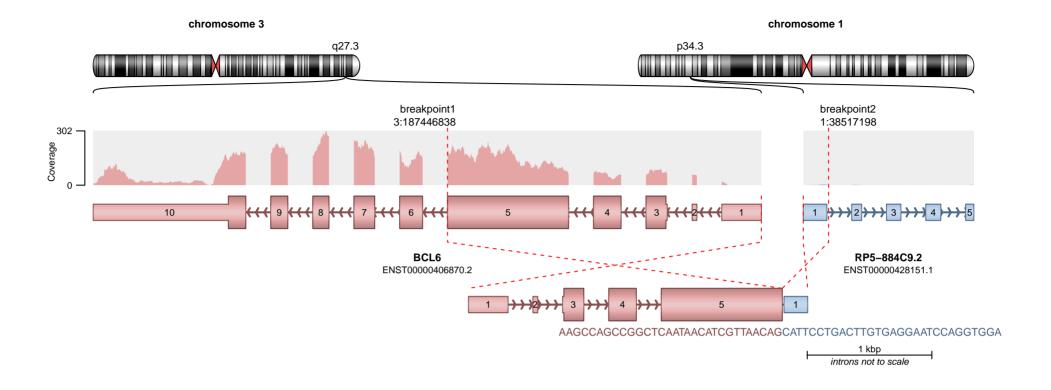


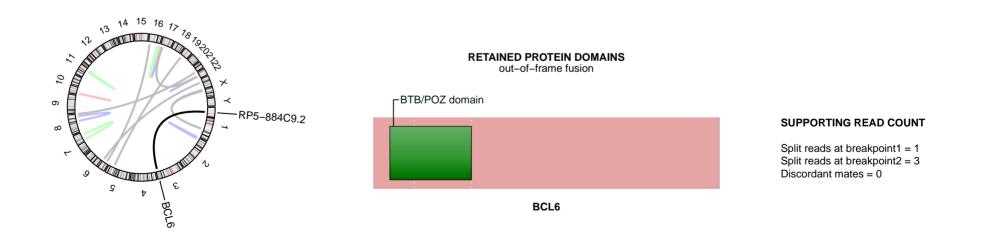
No protein domains retained in fusion.

Split reads at breakpoint1 = 1 Split reads at breakpoint2 = 1 Discordant mates = 3

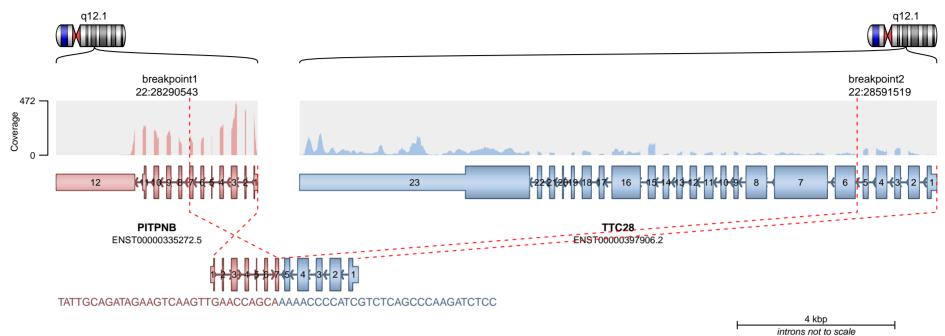


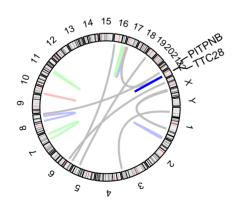






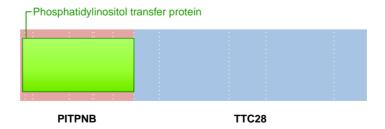






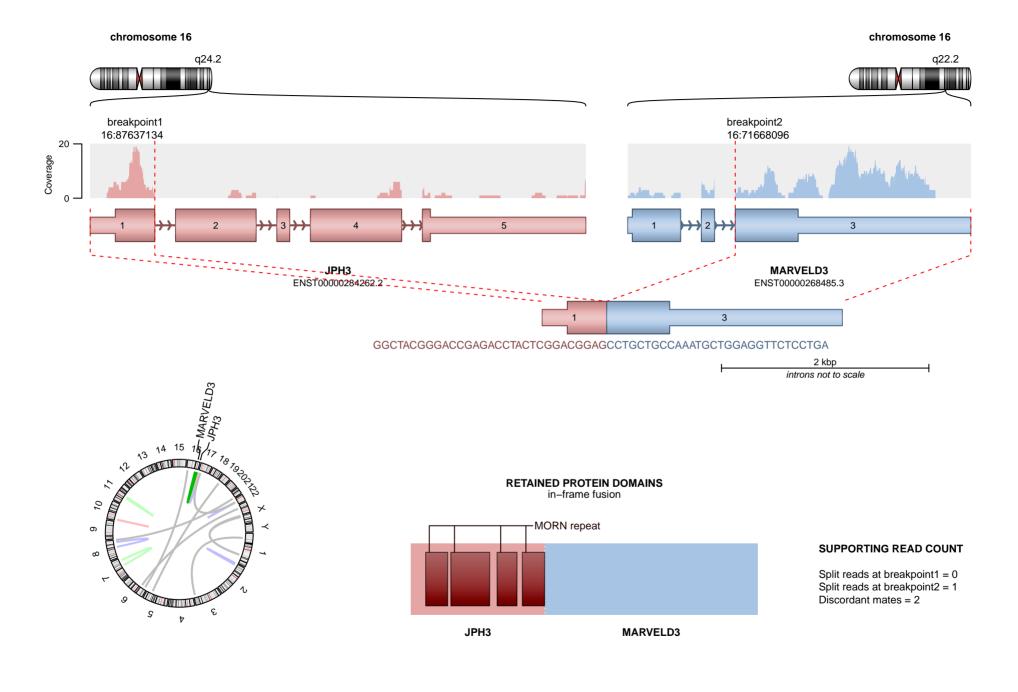
# **RETAINED PROTEIN DOMAINS**

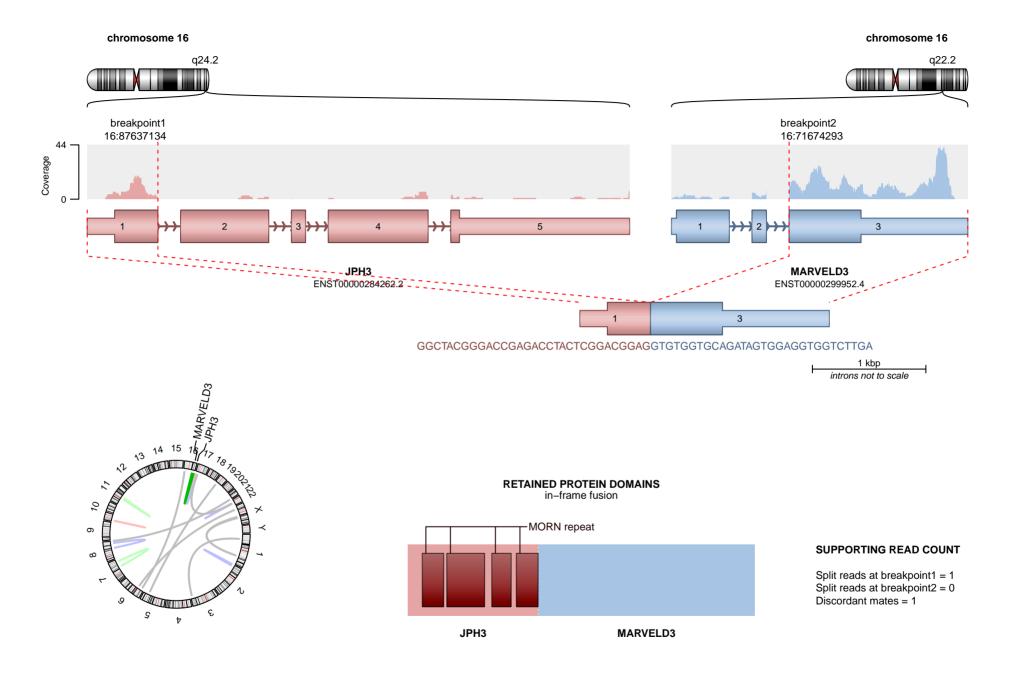
out-of-frame fusion

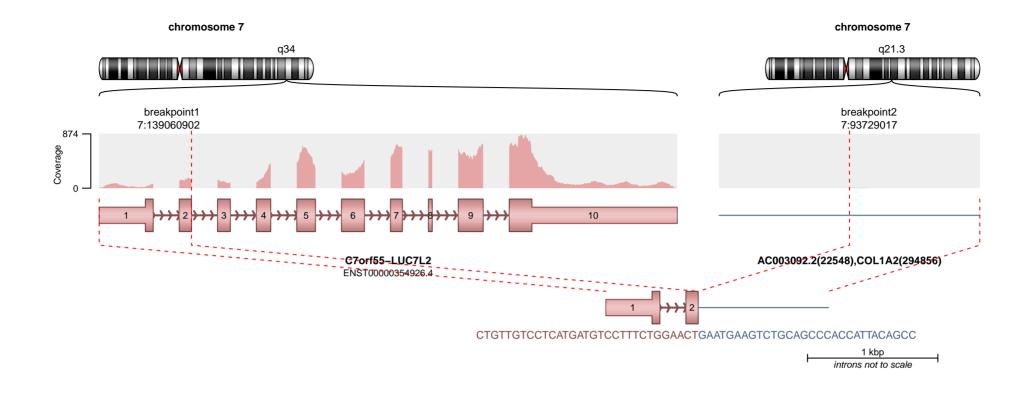


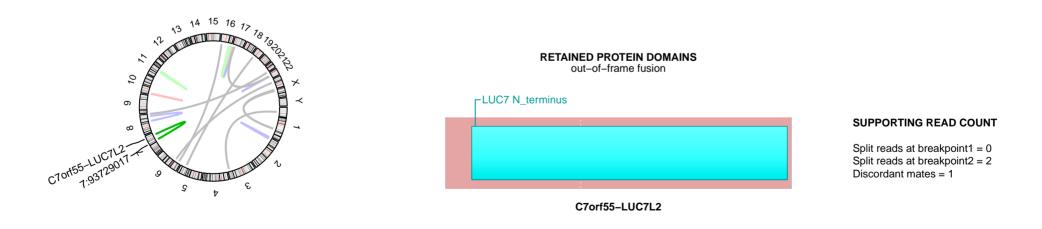
#### SUPPORTING READ COUNT

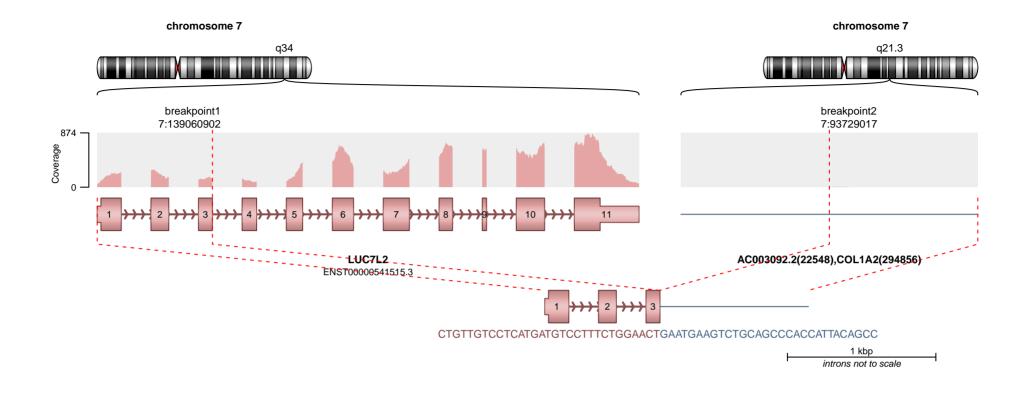
Split reads at breakpoint1 = 3 Split reads at breakpoint2 = 0 Discordant mates = 1

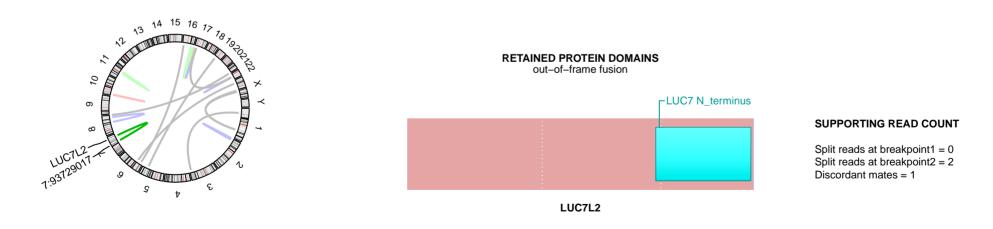


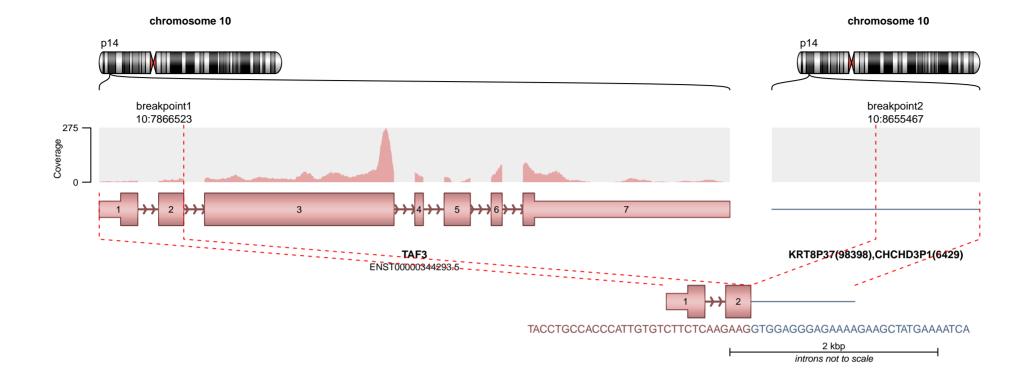


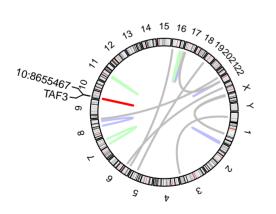






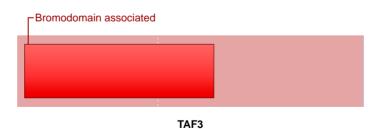






## **RETAINED PROTEIN DOMAINS**

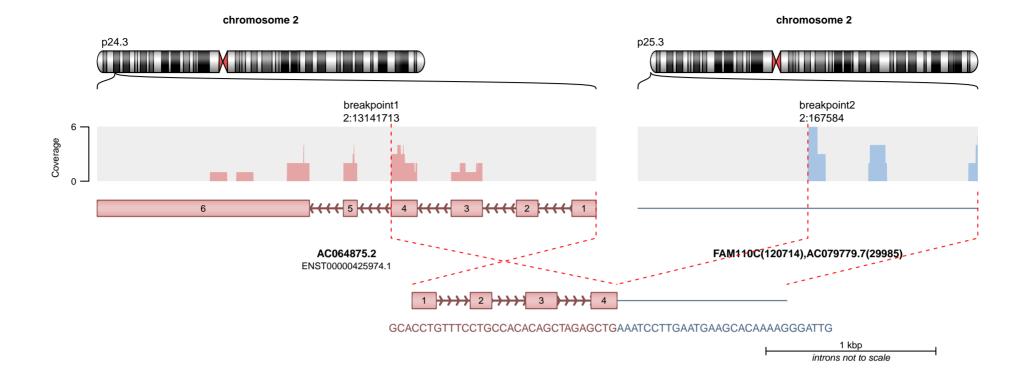
out-of-frame fusion



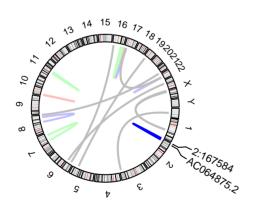
#### SUPPORTING READ COUNT

Split reads at breakpoint1 = 1 Split reads at breakpoint2 = 1

Discordant mates = 0



Genes are not protein-coding.

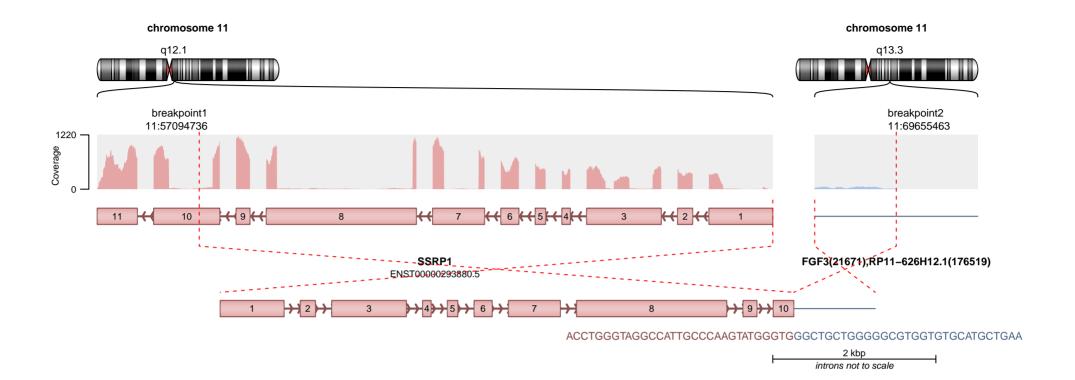


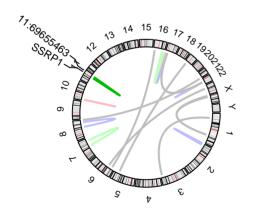
#### SUPPORTING READ COUNT

Split reads at breakpoint1 = 1

Split reads at breakpoint2 = 1

Discordant mates = 0

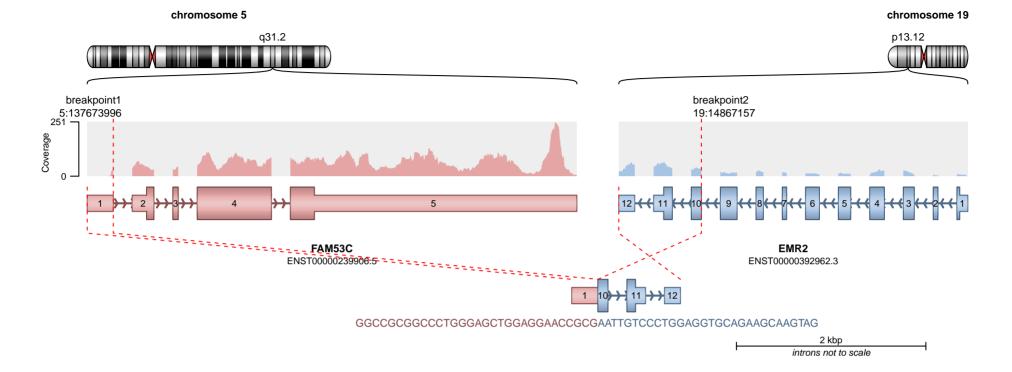




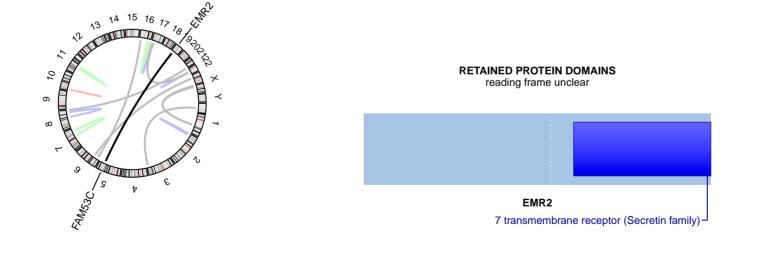
Genes are not protein–coding.

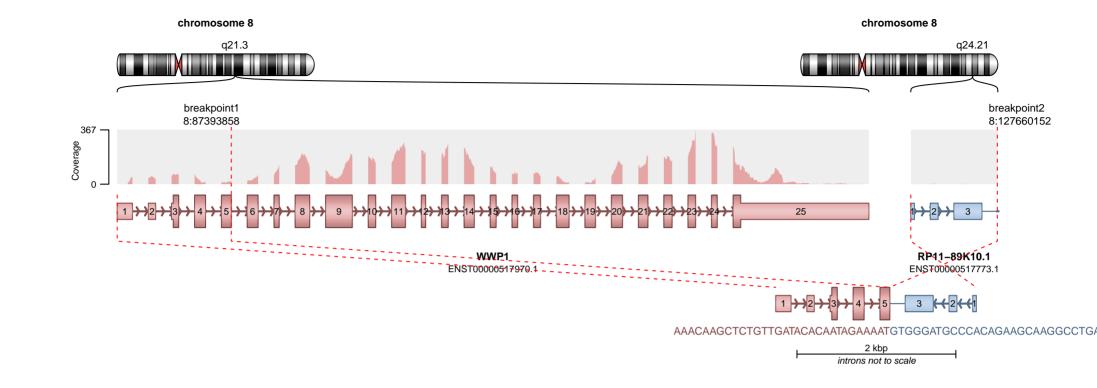
Split reads at breakpoint1 = 3
Split reads at breakpoint2 = 9

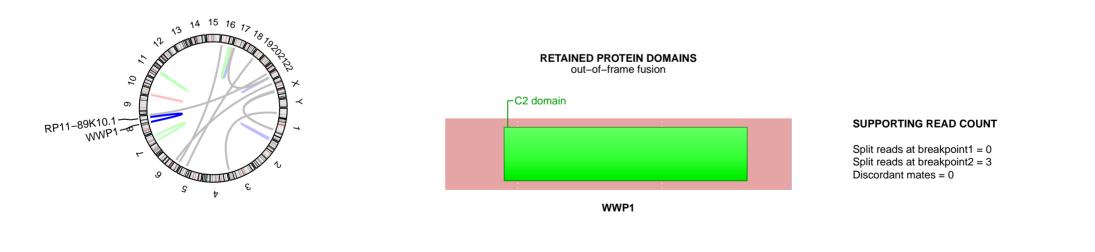
Discordant mates = 2

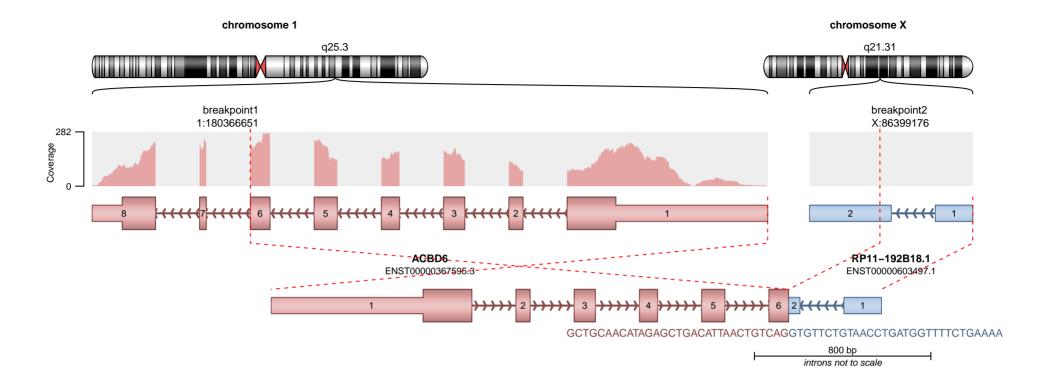


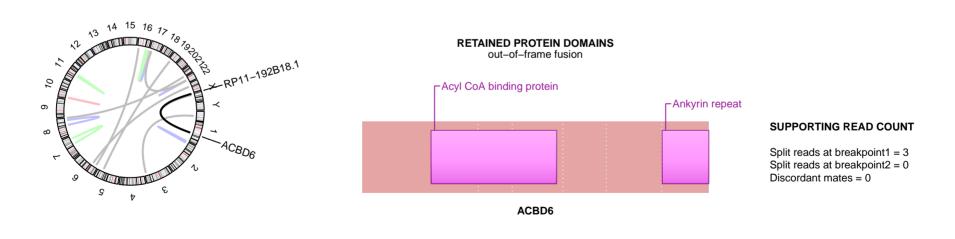
Split reads at breakpoint1 = 0 Split reads at breakpoint2 = 4 Discordant mates = 0

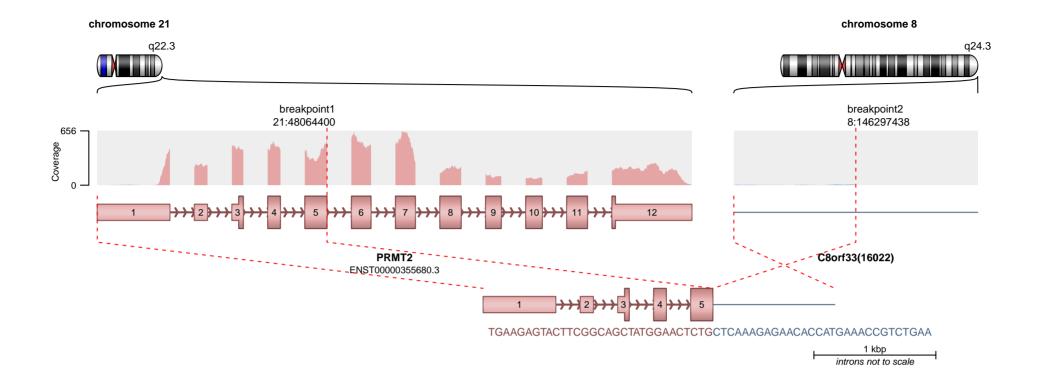


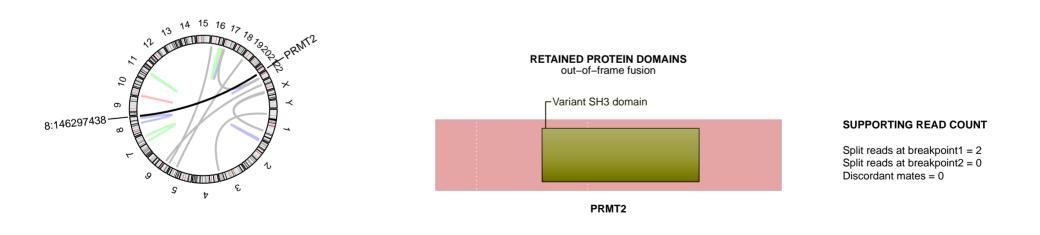


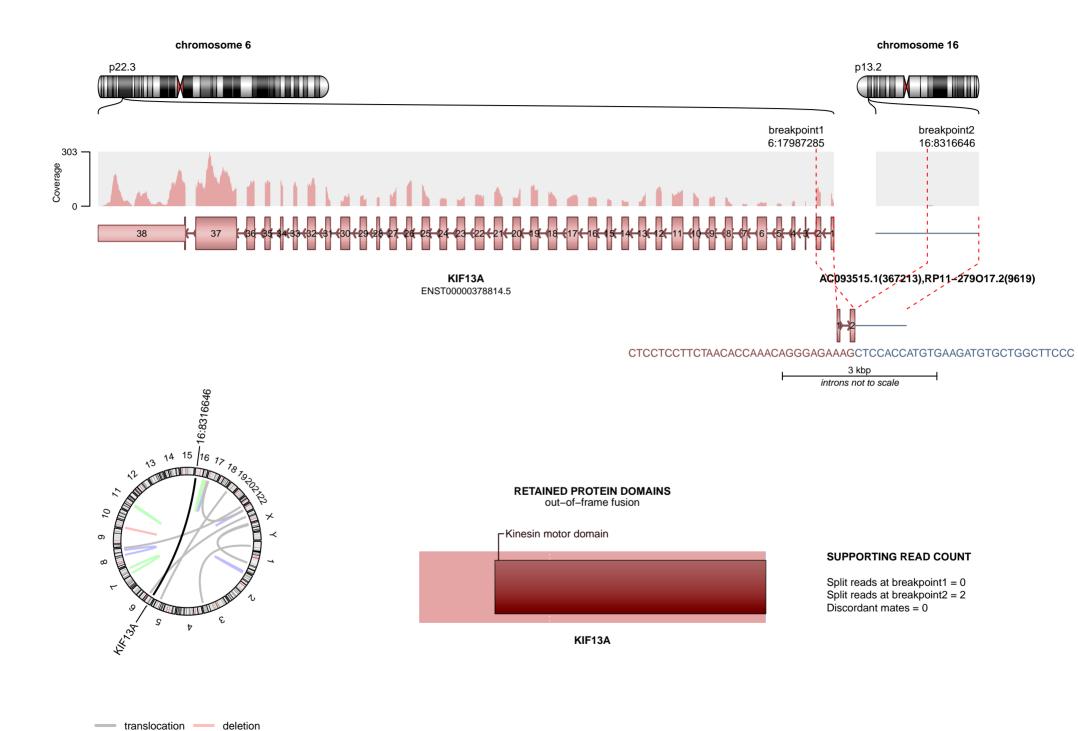




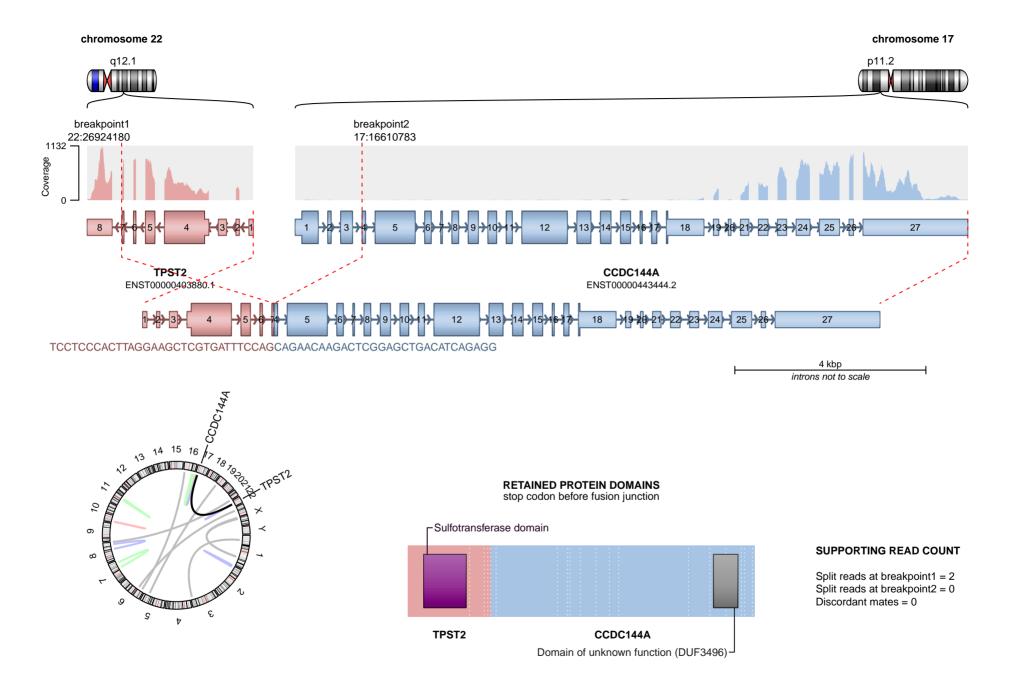


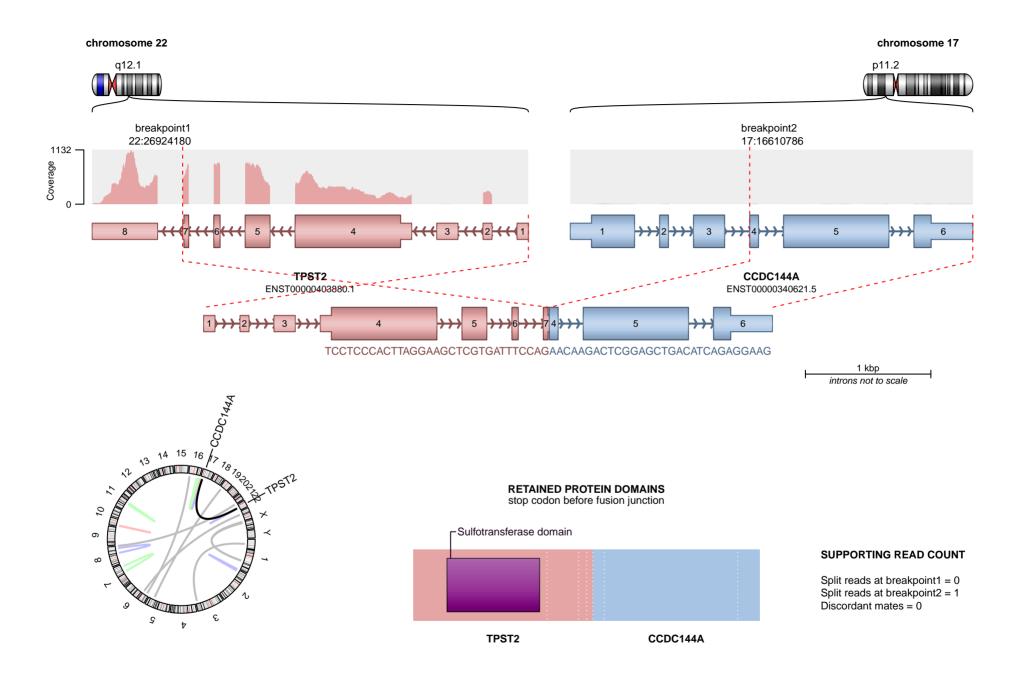


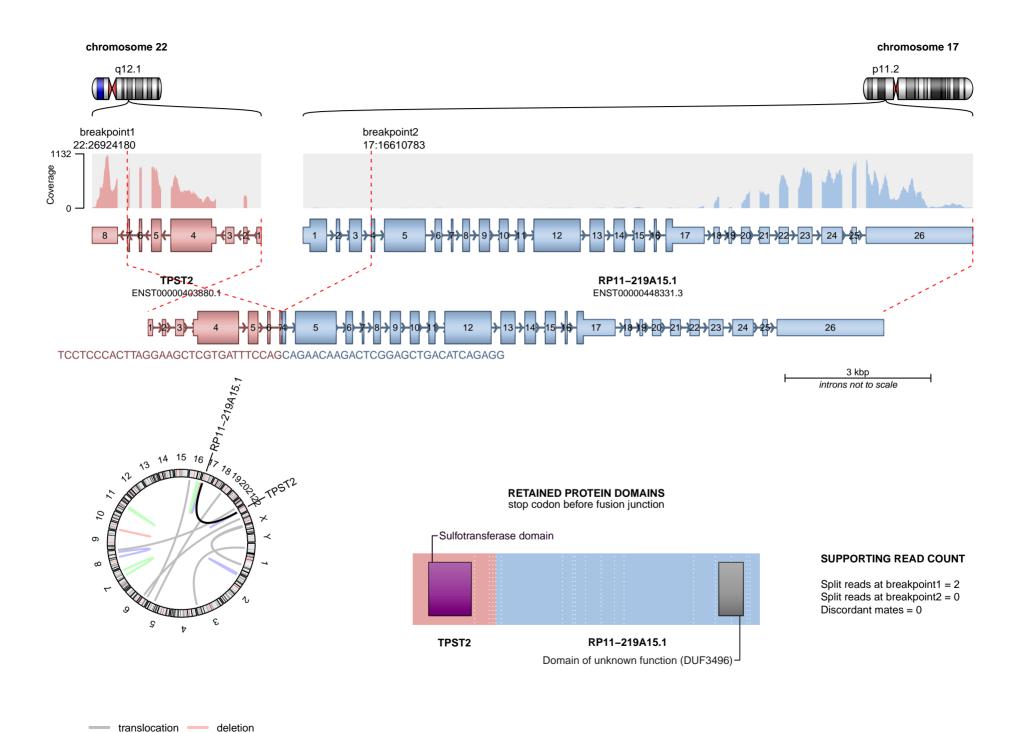




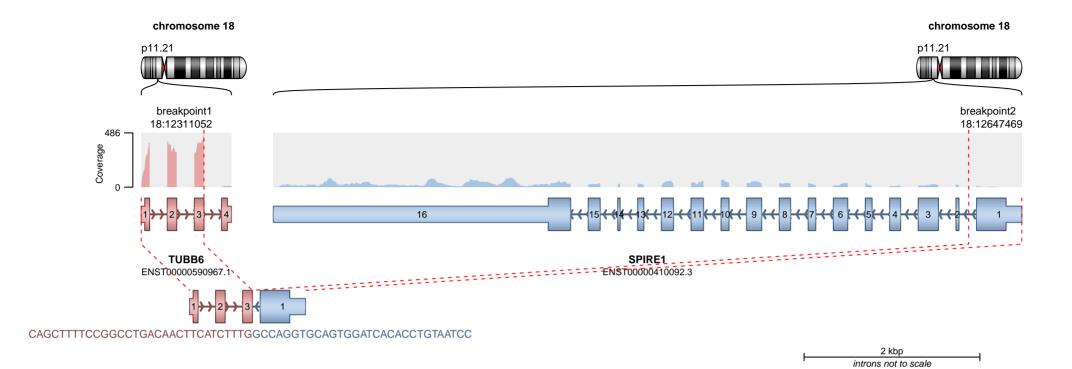
duplication inversion

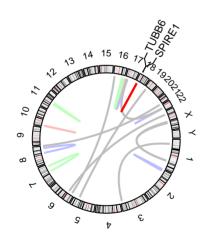






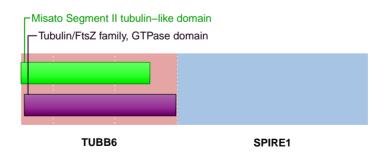
duplication inversion





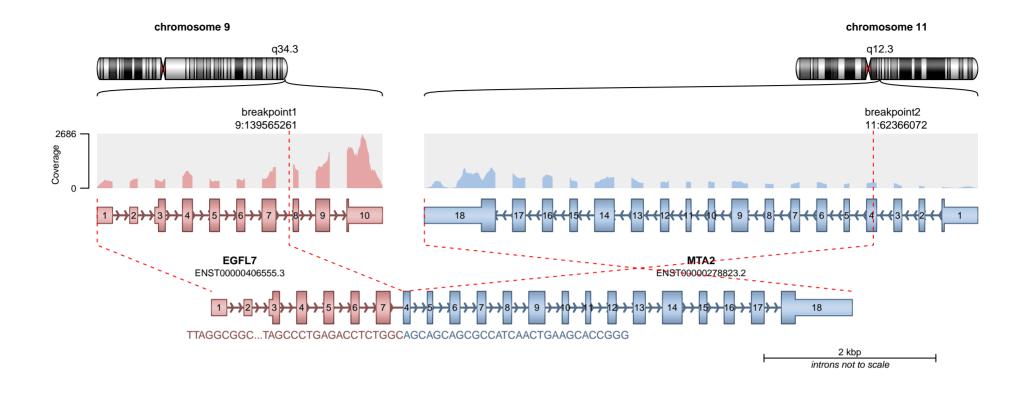
#### **RETAINED PROTEIN DOMAINS**

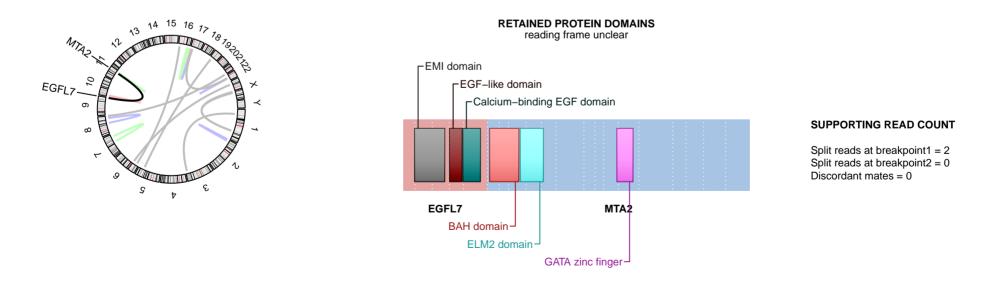
out-of-frame fusion

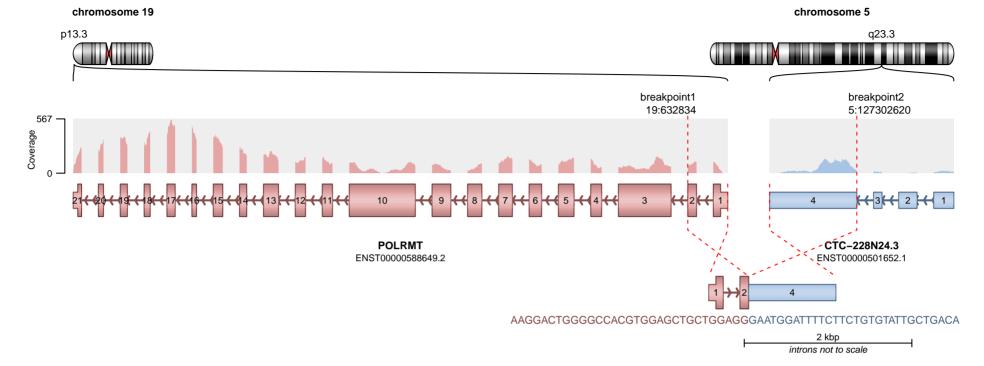


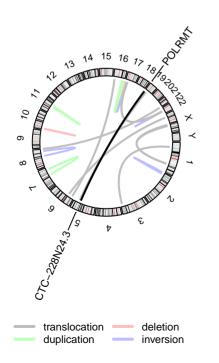
#### SUPPORTING READ COUNT

Split reads at breakpoint1 = 1 Split reads at breakpoint2 = 3 Discordant mates = 1







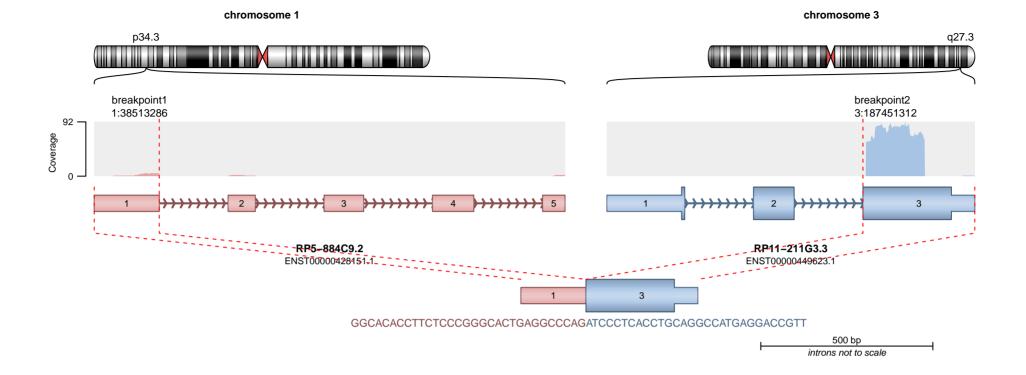


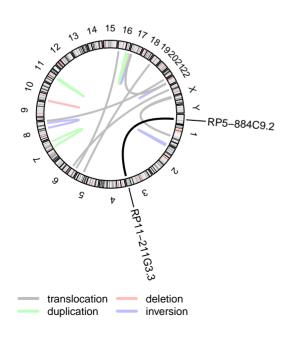
### No protein domains retained in fusion.

#### SUPPORTING READ COUNT

Split reads at breakpoint1 = 1 Split reads at breakpoint2 = 0

Discordant mates = 0





Split reads at breakpoint1 = 1 Split reads at breakpoint2 = 0 No protein domains retained in fusion.

Discordant mates = 0