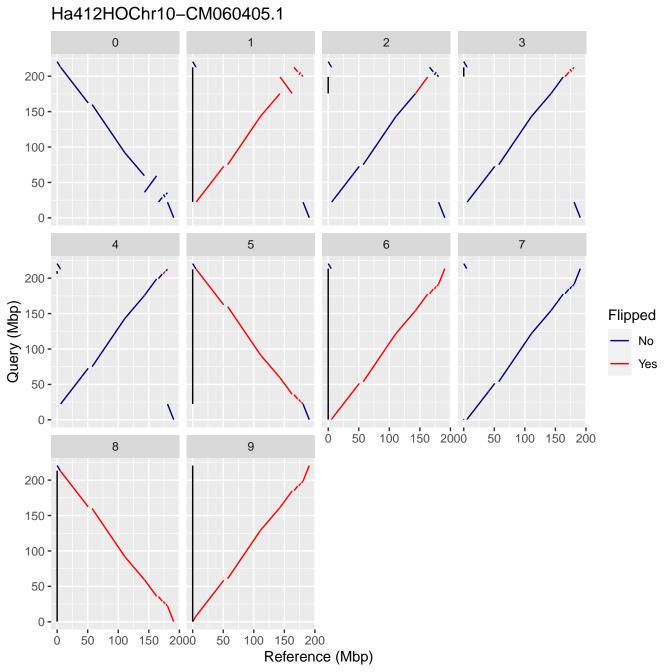


Ha412HOChr09-CM060399.1 0 1 200 -150 -100 -50 **-**Query (Mbp) 0 -Flipped No 2 3 Yes 200 -150 -100 -50 **-**0 -**5**0 150 100 200 0 50 100 150 200 Reference (Mbp)

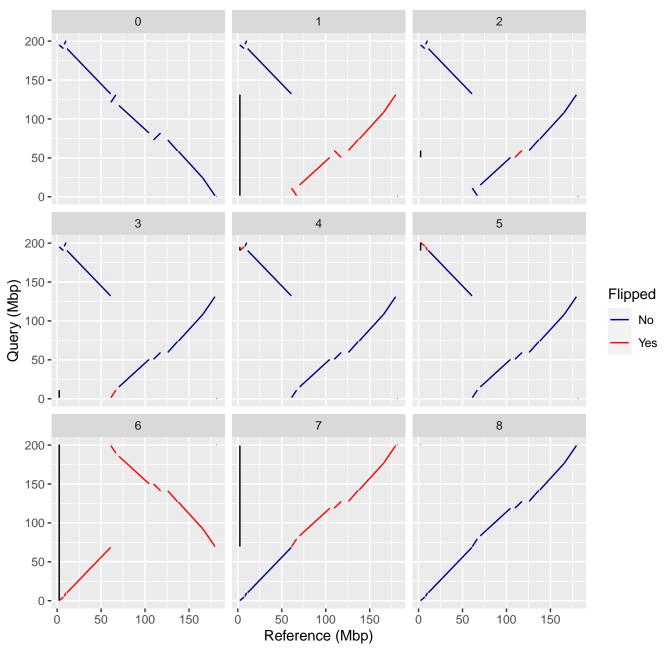
Ha412HOChr14-CM060429.1 0 1 2 200 -150 **-**100 -50 **-**0 -3 5 4 200 -Onery (Mbp) Flipped No 100 -Yes 50 **-**0 -50 100 0 150 6 7 200 -150 **-**100 -50 **-**0 -50 100 150 Reference (Mbp) 50 Ö 100 0 150

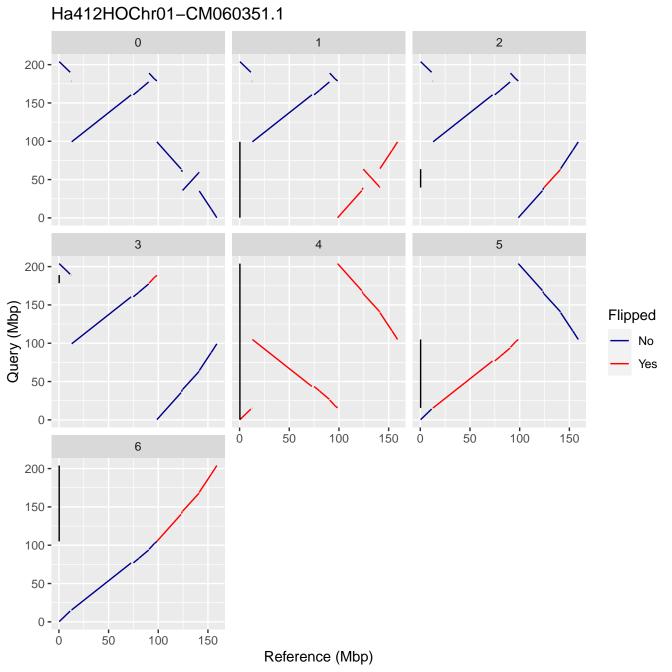


Ha412HOChr02-CM060357.1 0 2 1 200 -150 -100 -50 **-**Query (Mbp) Flipped 0 50 100 150 No 3 4 Yes 150 -100 -50 -0 -0 0 50 100 150 Reference (Mbp) 50 100 150 150

Ha412HOChr08-CM060393.1 200 -**-**Query (Mbp) Flipped – No Yes **-**0-50 100 15 Reference (Mbp) 

Ha412HOChr03-CM060363.1 0





Ha412HOChr17-CM060447.1 200 -**-**Query (Mbp) Flipped – No Yes **-**100 -**-**100 150 Reference (Mbp) 

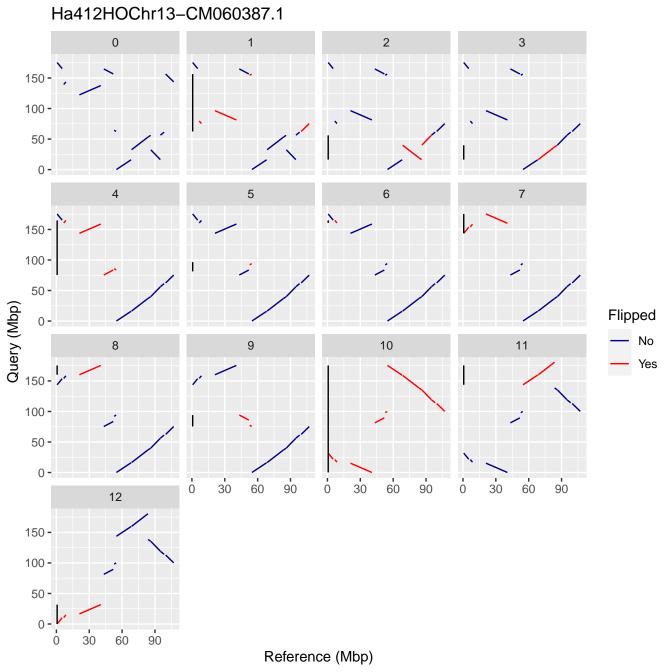
Ha412HOChr16-CM060441.1 100 -**-**Query (Mbp) 20-Flipped No Yes 100 -**-**0 -Reference (Mbp)

Ha412HOChr06-CM060381.1 100 -Query (Mbp) Flipped – No Yes **-**0 -30 60 90 Reference (Mbp) 

Ha412HOChr15-CM060435.1 0 1 2 120 ı 80 -40 -0 -3 4 5 120 -Query (Mbp) Flipped 80 -No Yes 40 -0 -6 7 8 120 -80 -40 -0 -0 50 100 15 Reference (Mbp) Ö 50 50 100 100 150 150 150

Ha412HOChr07-CM060369.1 100 -**---**Query (Mbp) Flipped – No Yes **-**50 -**-**0 -Reference (Mbp)

Ha412HOChr04-CM060369.1 0 1 225 **-**200 -Query (Mbp) Flipped - No Yes 150 **-**125 **-**Ö 25 75 25 50 50 75 100 0 100 Reference (Mbp)

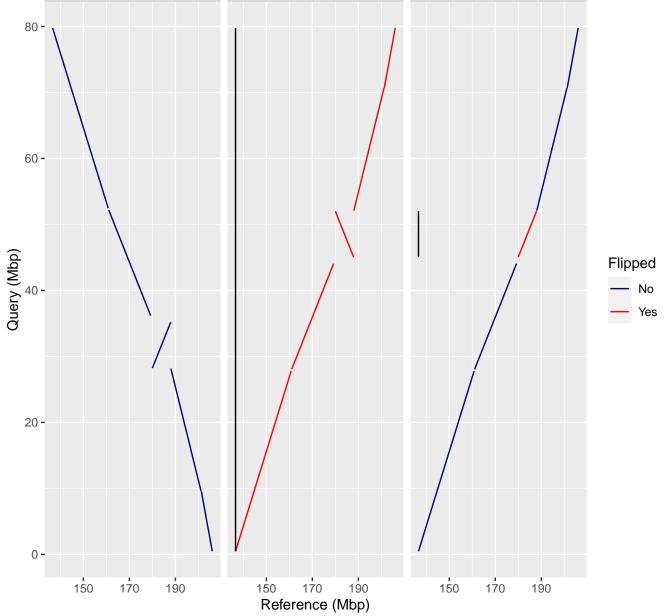


Ha412HOChr12-CM060441.1 **-**225 -200 -**-**Onery (Mbp) 250 -Flipped <u> —</u> Nо Yes **-**200 -**-**150 -0 20 40 60 Reference (Mbp) Ö 

Ha412HOChr13-CM060423.1 0 2 1 200 -Query (Mbp) Flipped – No Yes 150 -50 100 15 Reference (Mbp) 50 50 100 150 150 100 150

Ha412HOChr15-CM060381.1 0 1 190 -170 -150 -Query (Mbp) Flipped - No 2 3 Yes 190 -170 -150 -130 -160 180 120 140 120 140 160 180 Reference (Mbp)

Ha412HOChr16-CM060447.1 0 1 2 80 -60 **-**Flipped



Ha412HOChr17-CM060417.1 **-**150 -**-**100 -175 - (dqp) 150 - 125 -Flipped - No Yes 100 -**-**150 -**-**100 -

20 40 Reference (Mbp)

Ha412HOChr07-CM060387.1 0 1 110-100 -Query (Mbp) Flipped 90 -- No Yes 80 -70 -50 10 Reference (Mbp) 10 20 30 40 20 30 40 50

Ha412HOChr06-CM060435.1 0 1 170 -160 **-**Query (Mbp) Flipped - No Yes 140 -130 -110 120 150 110 1 Reference (Mbp) 130 140 120 150 130 140

Ha412HOChr16-CM060417.1 **-**Query (Mbp) Flipped <u>—</u> Nо Yes **-**0 -210 213 216 Reference (Mbp)