

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 1 200 -150 -100 -50 **-**Onery (Mbp) Flipped No 2 3 Yes 150 **-**100 -50 -0 -50 150 50 100 100 150 Reference (Mbp)

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

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

Ha412HOChr05-CM060375.1 **-**100 -**-**0 -.\ Onery (Mbp) 100 -Flipped No Yes **-**0 -**-**100 -**-**0 -50 100 150 Reference (Mbp)

Ha412HOChr03-CM060363.1 300 -200 -100 -0 -Flipped No Yes 0 -100 150 0 -Reference (Mbp)

Ha412HOChr01-CM060351.1 200 - 🔪 150 -100 -50 -0 -200 - 🖊 Onery (Mbp) Flipped No Yes **-**0 -200 -150 -100 -**-**0 -

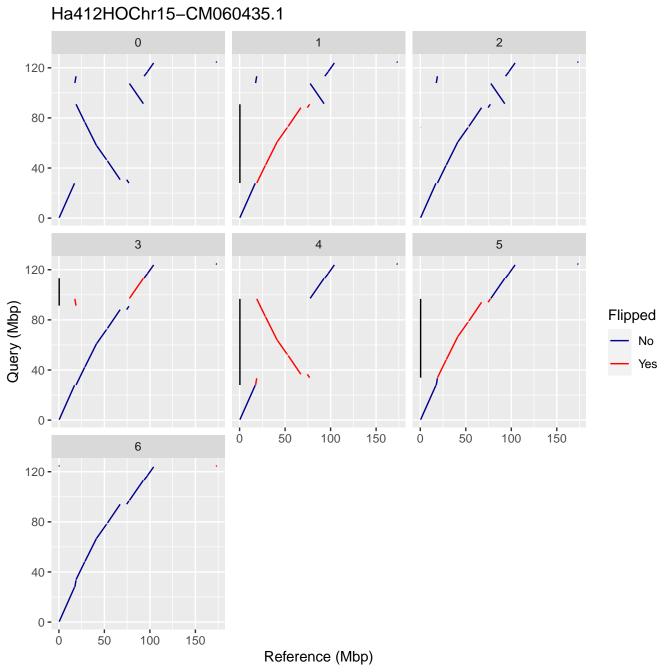
Reference (Mbp)

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 -50 -0 -Reference (Mbp)

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

Ha412HOChr04-CM060423.1 0 2 3 90 -60 **-**30 -0 -5 6 4 Query (Mbp) Flipped No Yes 0 -125 150 175 200 225 10 8 9 90 -60 **-**30 -0 -150 175 200 225125 150 175 200 225125 150 175 200 225 Reference (Mbp)



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

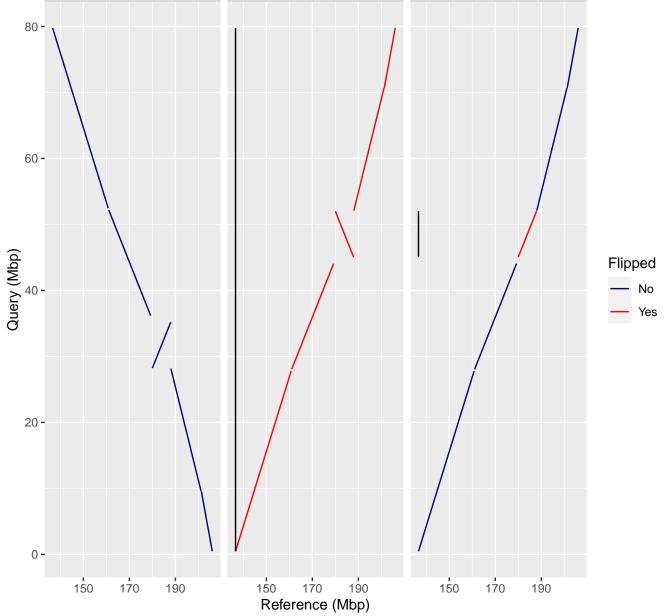
Ha412HOChr04-CM060369.1 0 1 225 **-**200 -Query (Mbp) Flipped - No Yes 150 **-**125 **-**Ö 25 75 25 50 50 75 100 0 100 Reference (Mbp)

Ha412HOChr13-CM060387.1 0 1 2 3 V' 150 -100 -50 -0 -6 4 5 7 150 -Query (Mbp) Flipped 100 -No Yes 50 -0 -0 60 90 30 10 8 9 150 -100 -50 -0-**6**0 90 ö 30 60 60 90 30 90 30 Reference (Mbp)

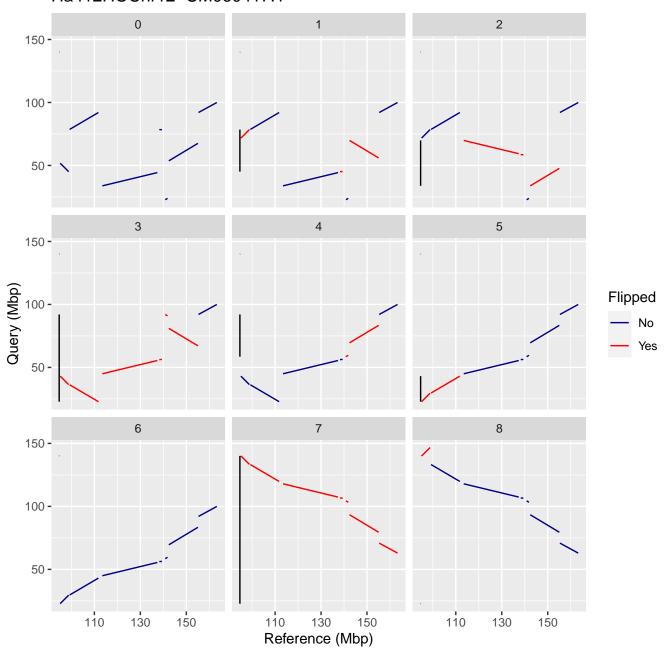
Ha412HOChr13-CM060423.1 0 2 1 200 -Query (Mbp) Flipped – No Yes 150 -50 100 15 Reference (Mbp) 50 50 100 150 150 100 150

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



Ha412HOChr12-CM060417.1



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)