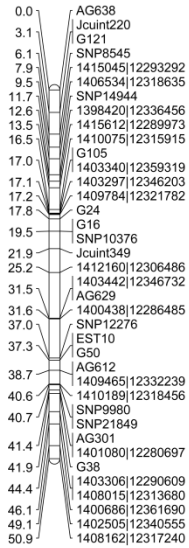


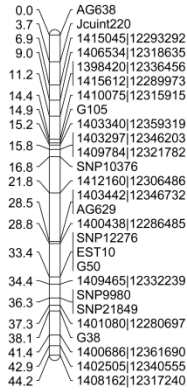
# Supplementary File 5 – Single and integrated maps

## Linkage Group 1

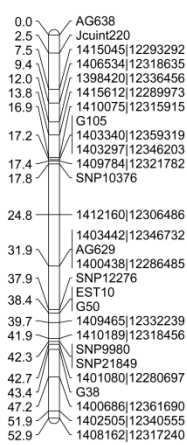
integrated



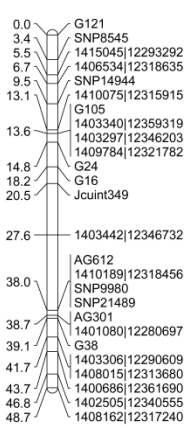
QV-JAT03 x  
QV-JAT02



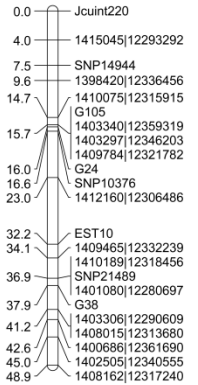
QV-JAT02 x  
QV-JAT01



G33 x G43

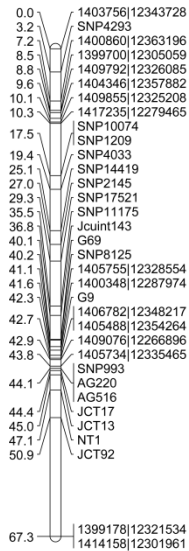


G51 x CV

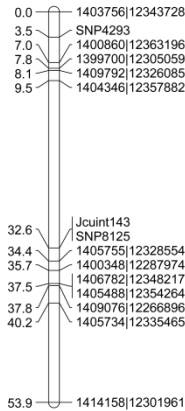


## Linkage Group 2

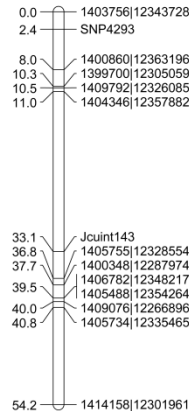
integrated



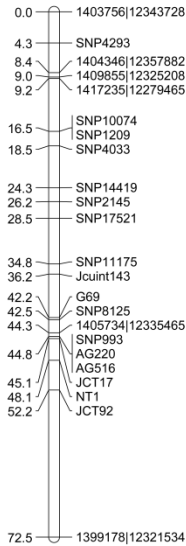
QV-JAT03 x  
QV-JAT02



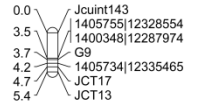
QV-JAT02 x  
QV-JAT01



G33 x G43



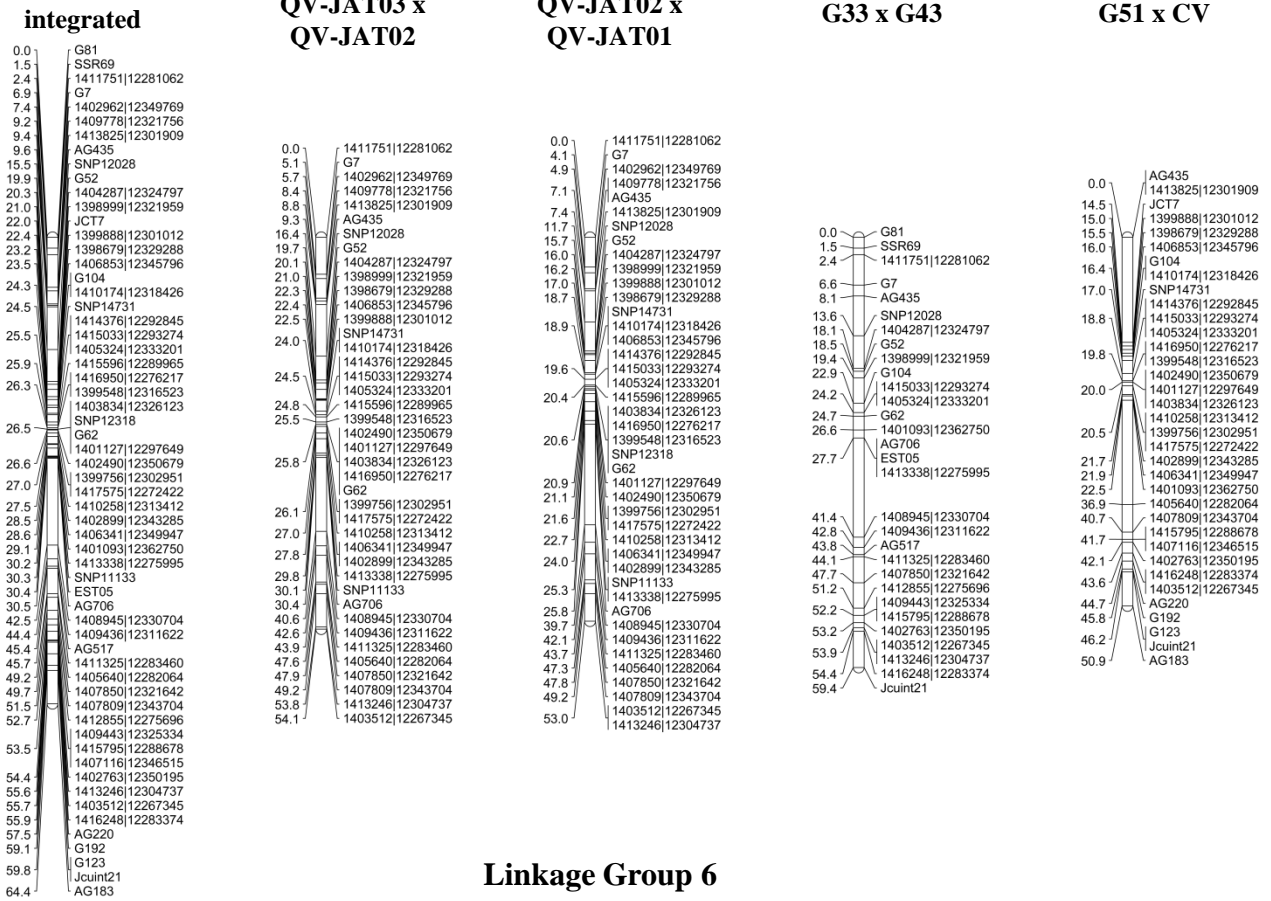
G51 x CV



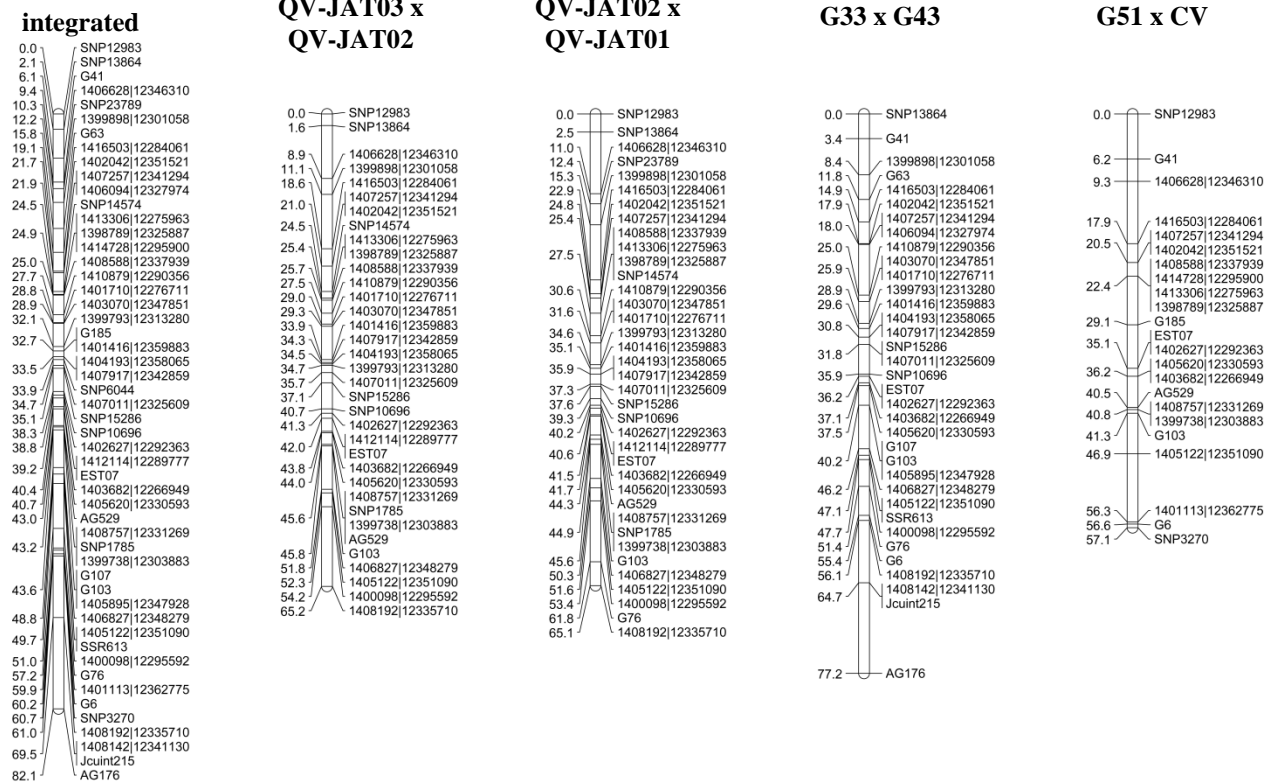


Supplementary File 5 continued – Single and integrated maps

Linkage Group 5

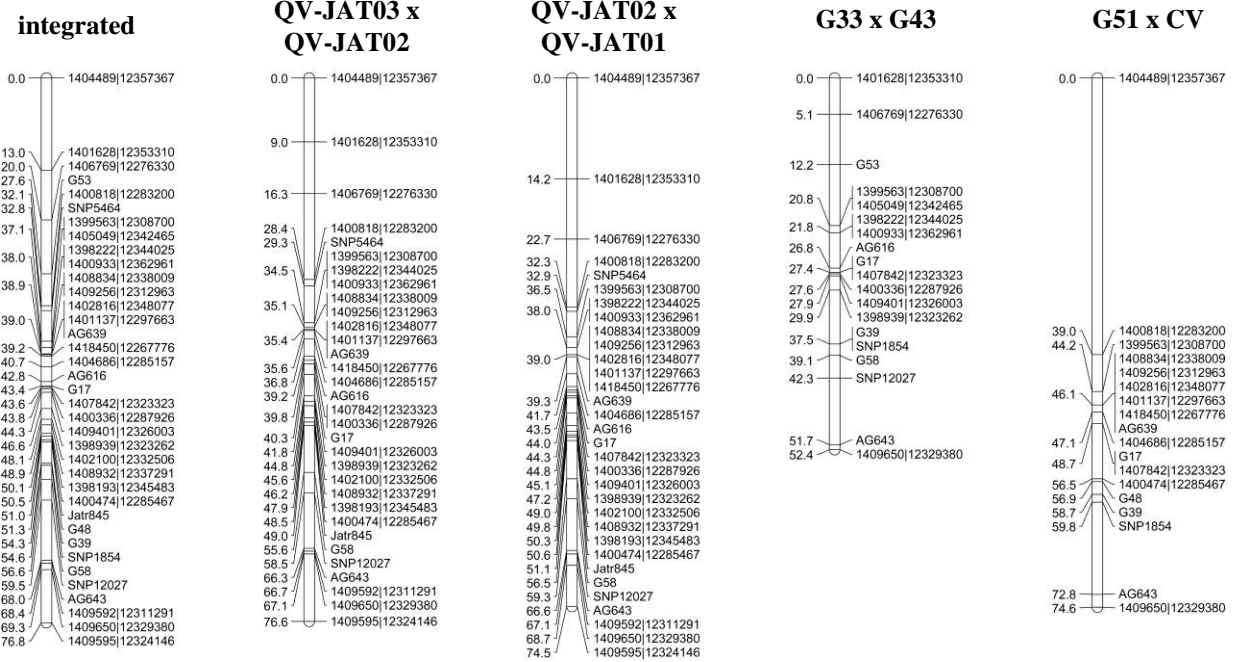


Linkage Group 6

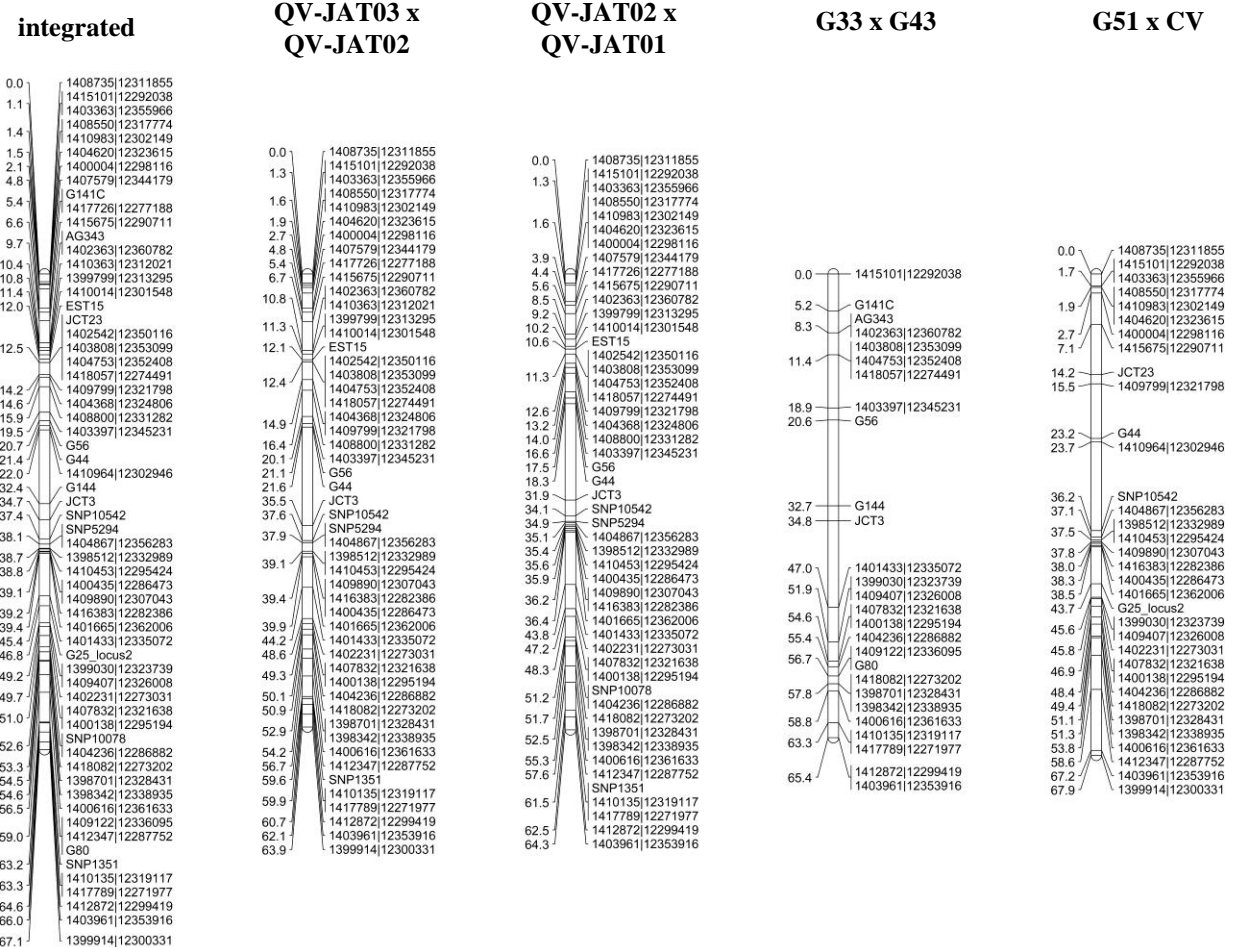


# Supplementary File 5 continued – Single and integrated maps

## Linkage Group 7



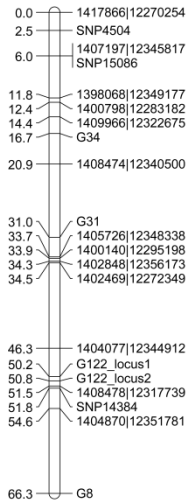
## Linkage Group 8



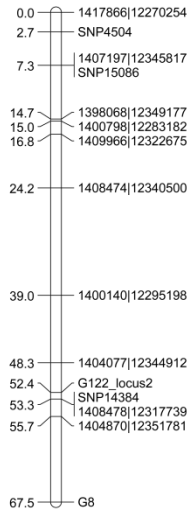
# Supplementary File 5 continued – Single and integrated maps

## Linkage Group 9

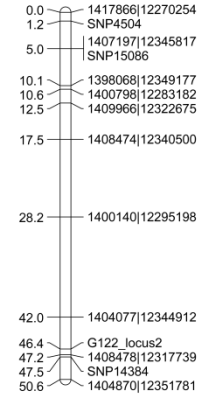
### integrated



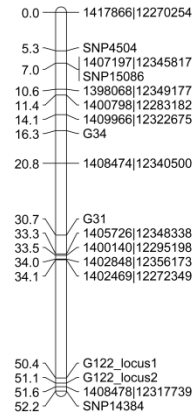
### QV-JAT03 x QV-JAT02



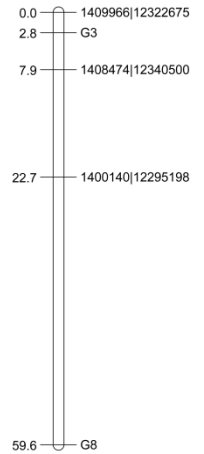
### QV-JAT02 x QV-JAT01



### G33 x G43

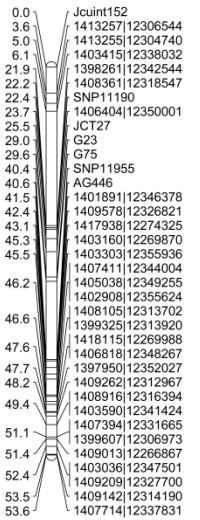


### G51 x CV

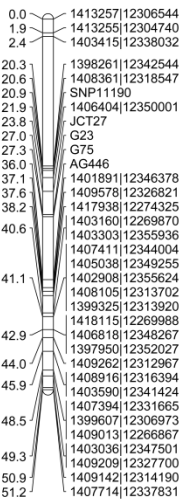


## Linkage Group 10

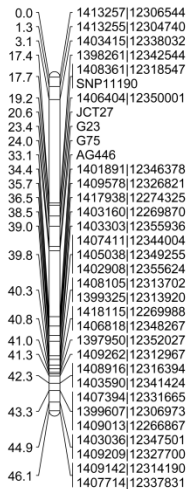
### integrated



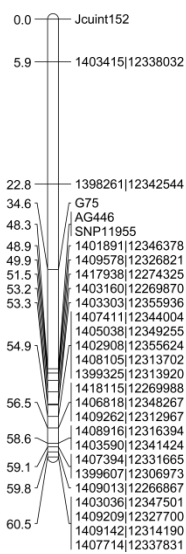
### QV-JAT03 x QV-JAT02



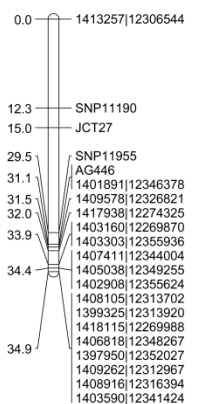
### QV-JAT02 x QV-JAT01



### G33 x G43



### G51 x CV



# Supplementary File 5 continued – Single and integrated maps

## Linkage Group 11

