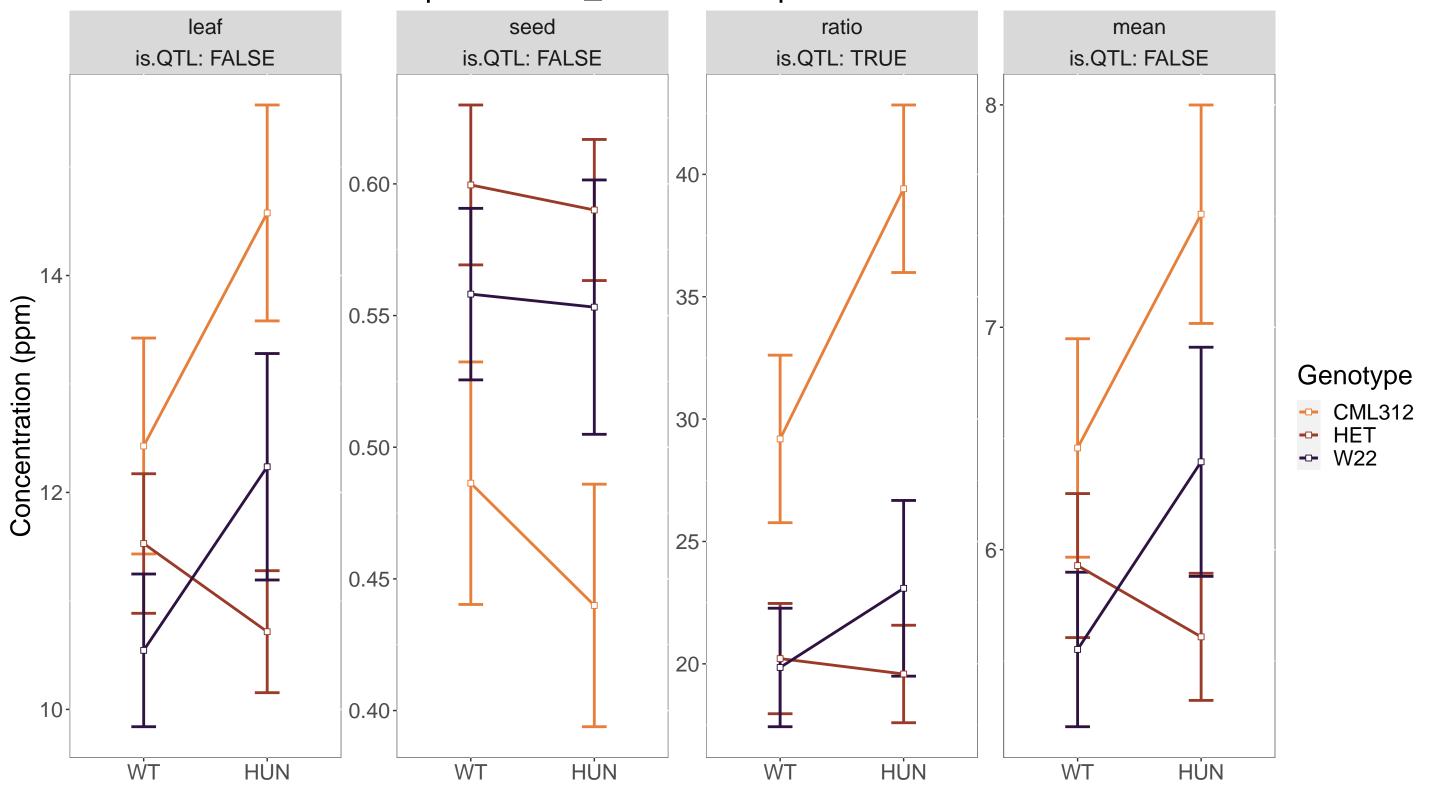
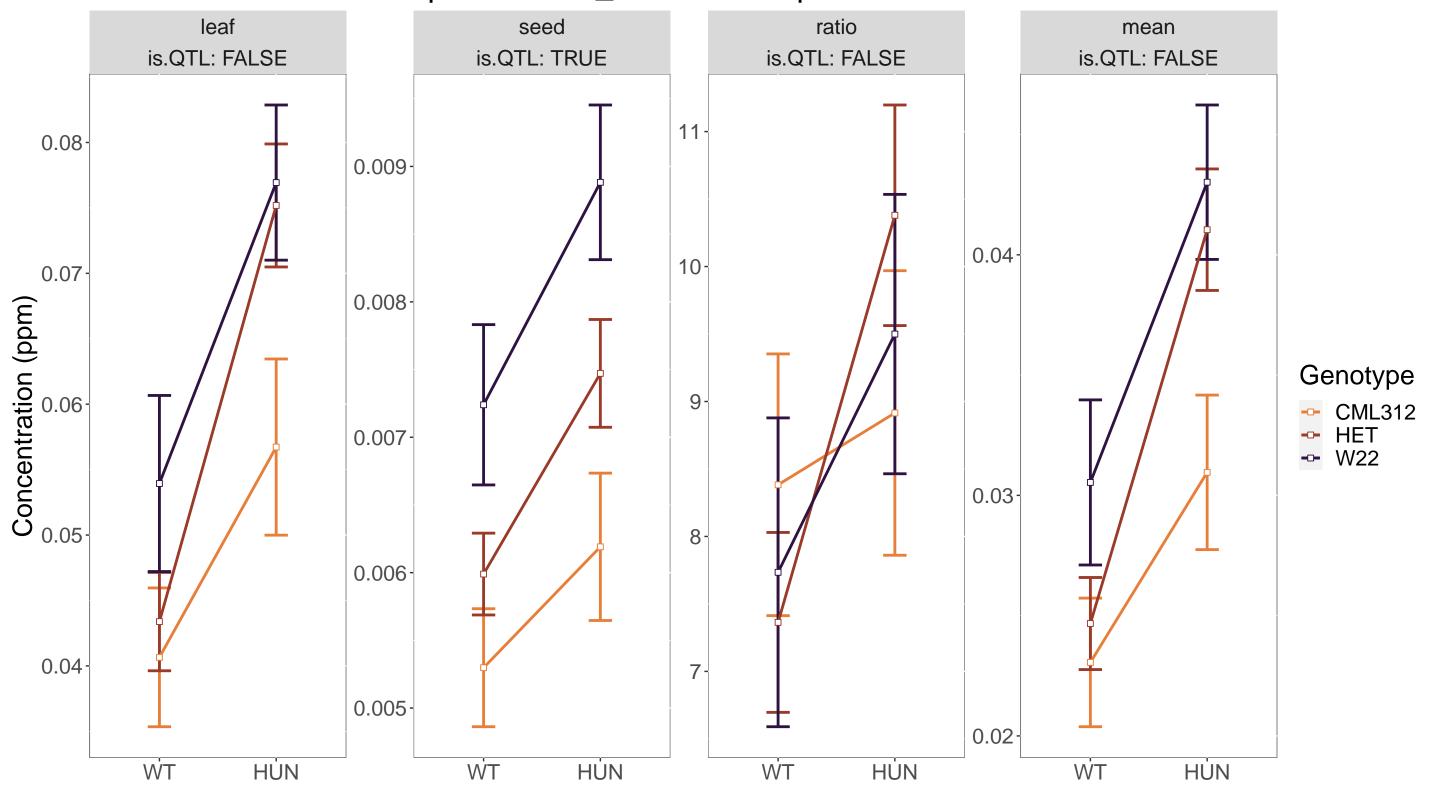
Ion: Al

# Effect plots for Al\_ratio QTL in position 5@96.9

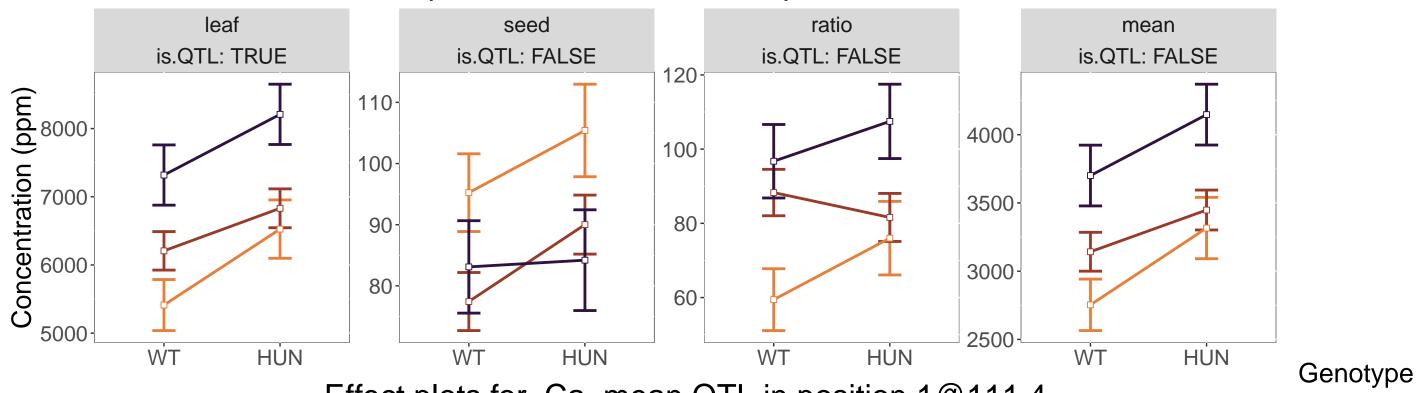


Ion: As

# Effect plots for As\_seed QTL in position 8@43.5



# Effect plots for Ca\_leaf QTL in position 1@111.4

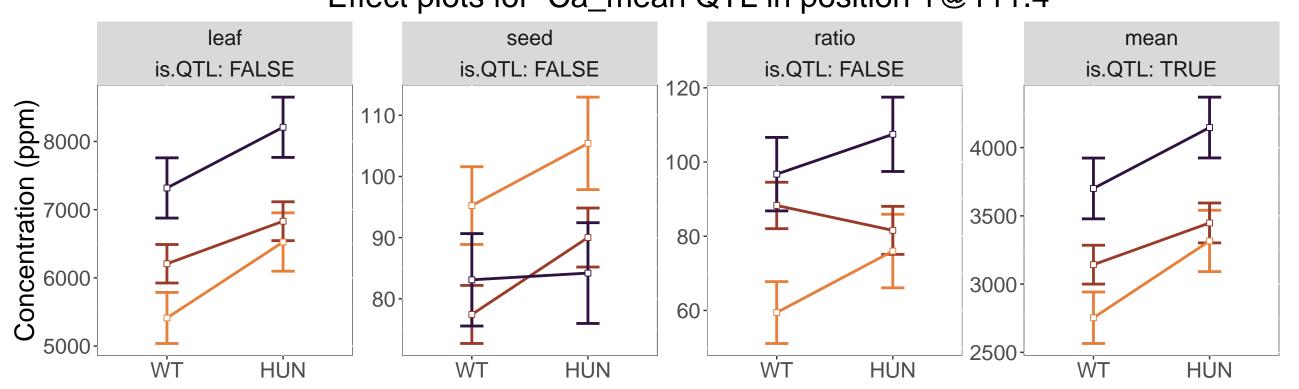


## Effect plots for Ca\_mean QTL in position 1@111.4

CML312

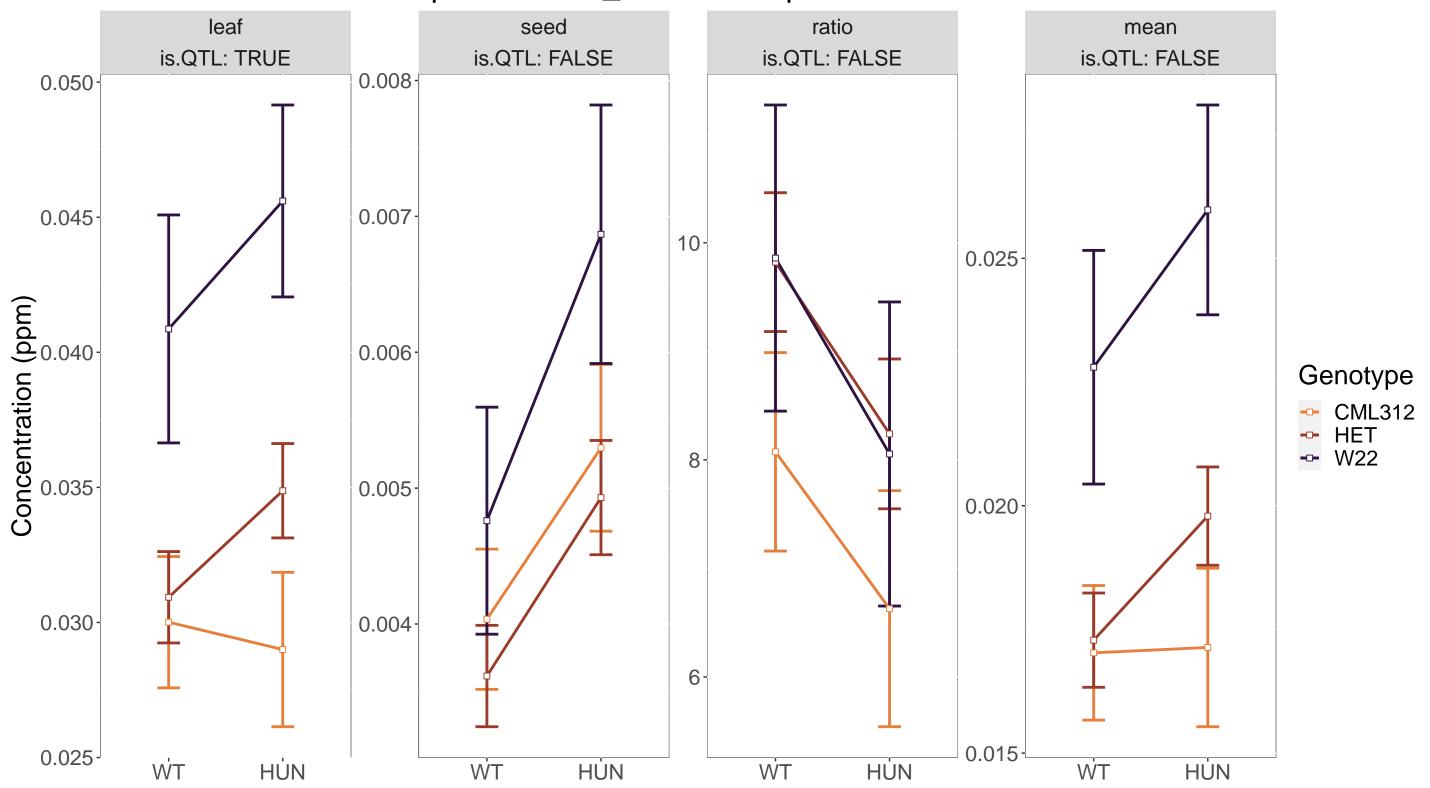
HET

W22

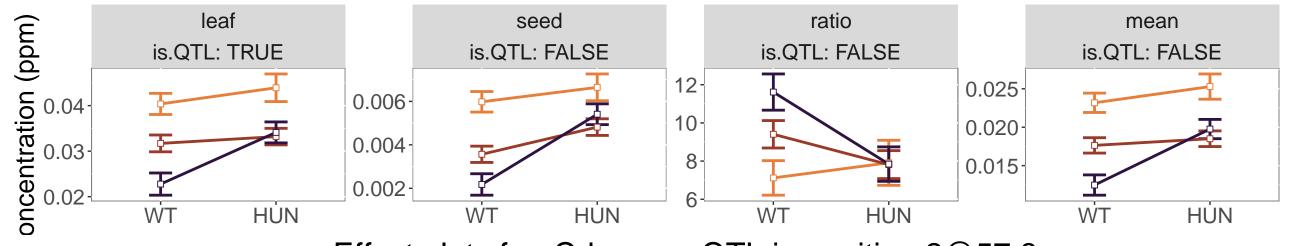


Ion: Cd

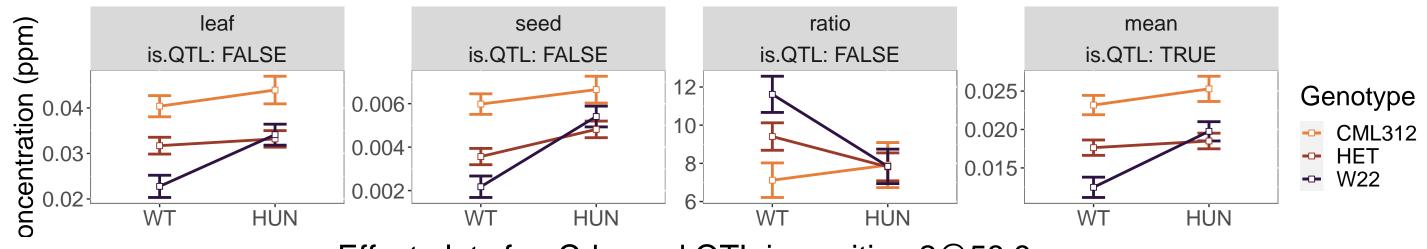
# Effect plots for Cd\_leaf QTL in position 1@144.5



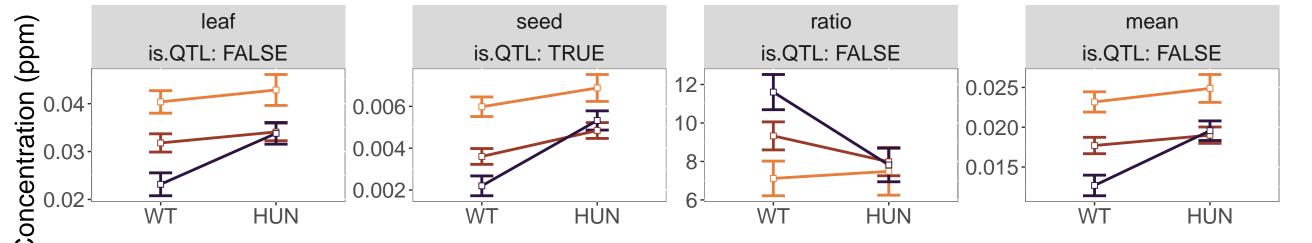
#### Effect plots for Cd\_leaf QTL in position 2@57.8



Effect plots for Cd\_mean QTL in position 2@57.8

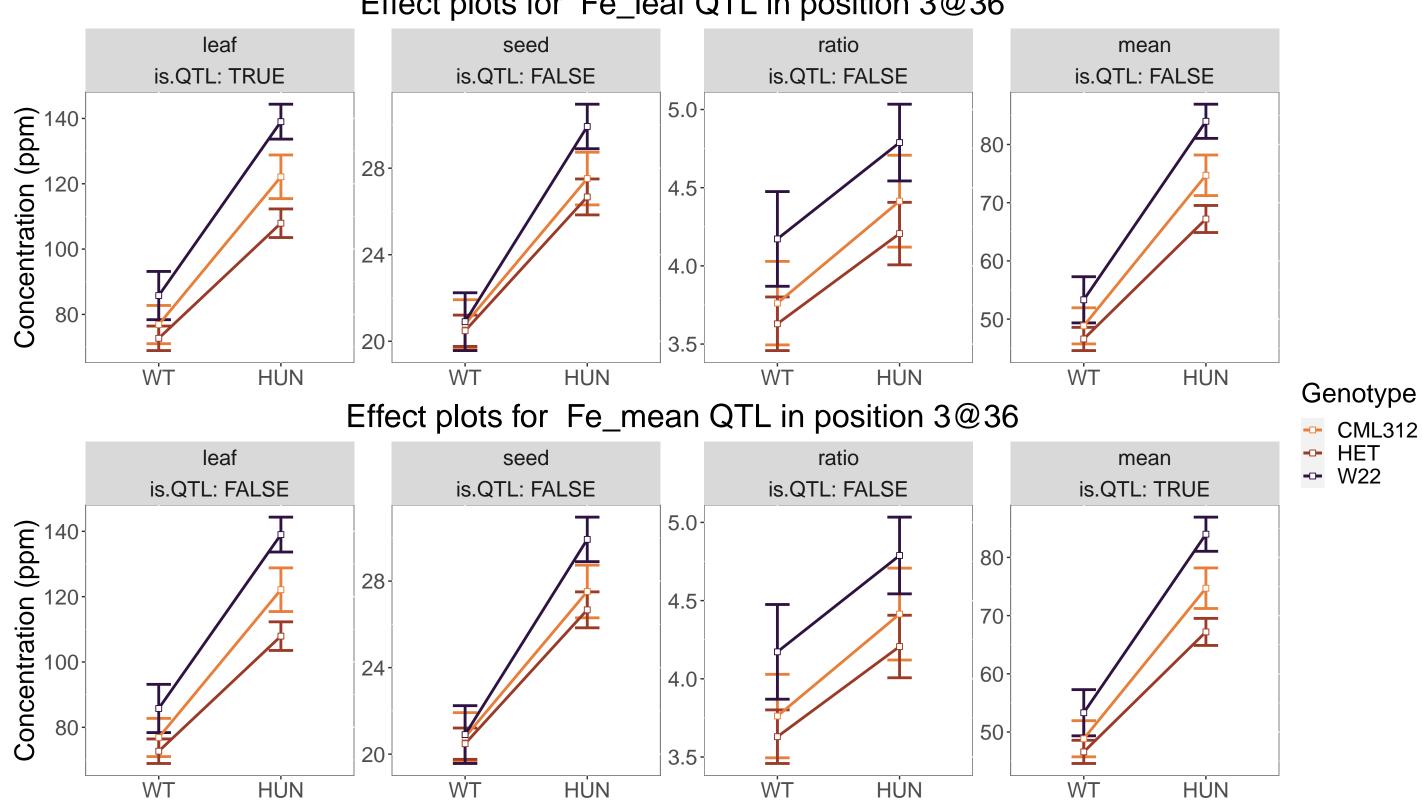


Effect plots for Cd\_seed QTL in position 2@58.9

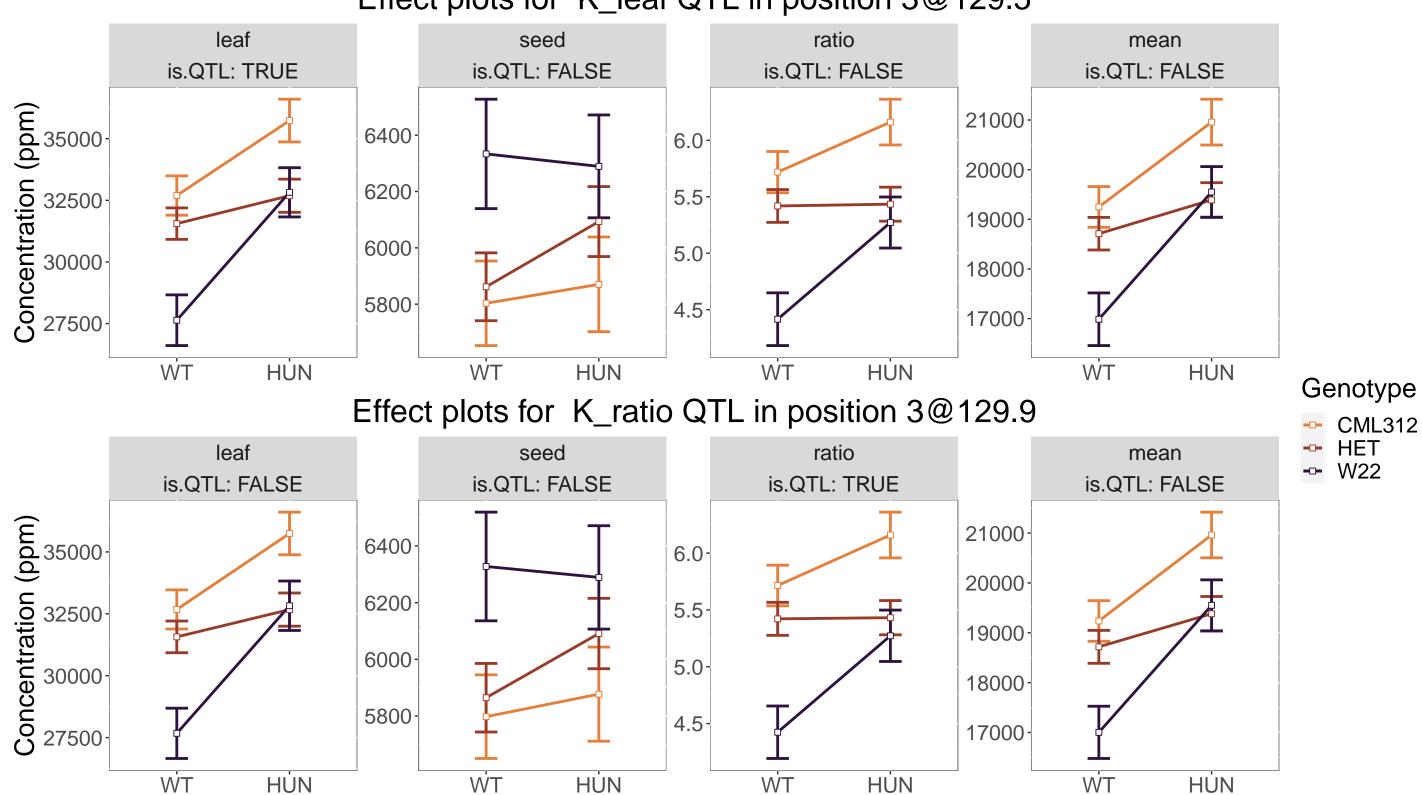


Ion: Fe

# Effect plots for Fe\_leaf QTL in position 3@36

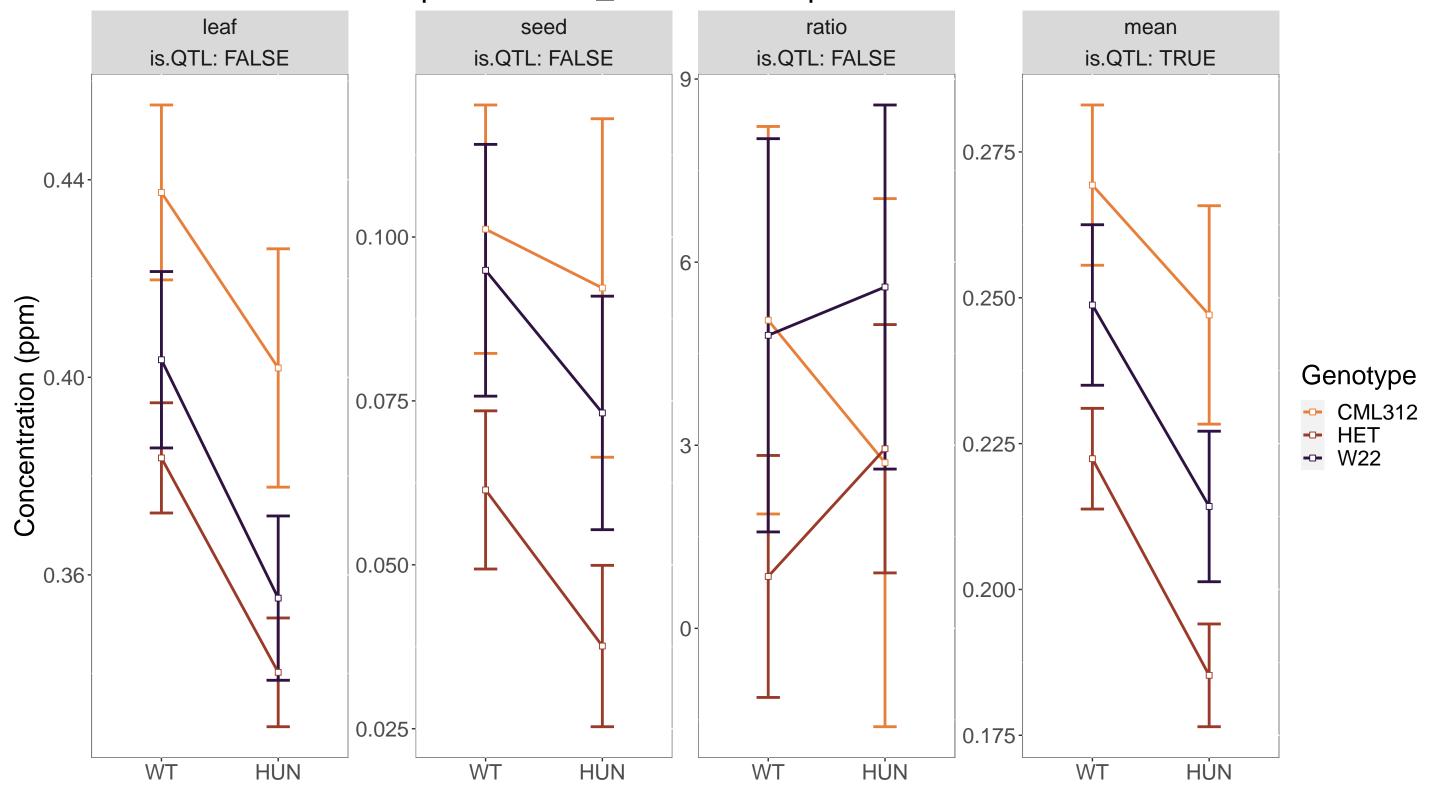


## Effect plots for K\_leaf QTL in position 3@129.5

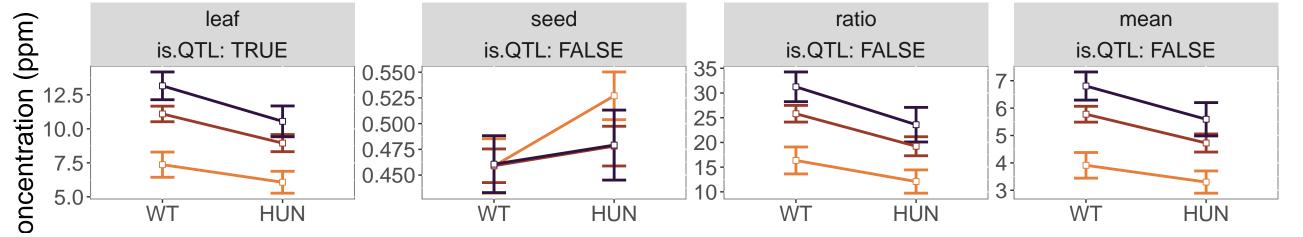


Ion: Mo

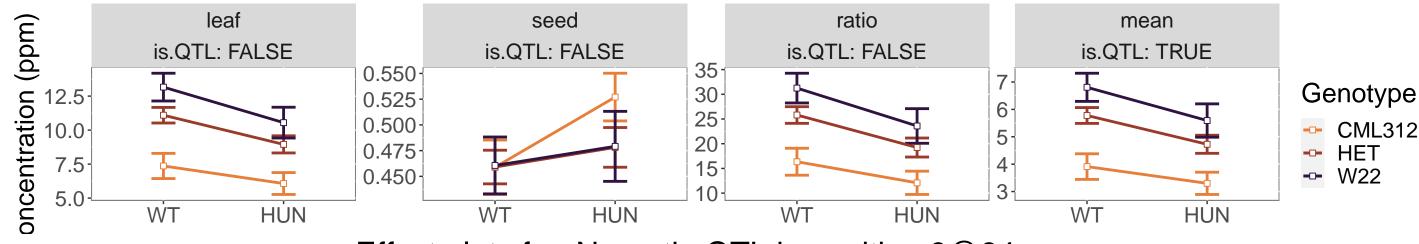
# Effect plots for Mo\_mean QTL in position 5@74.5



## Effect plots for Na\_leaf QTL in position 9@64



Effect plots for Na\_mean QTL in position 9@64

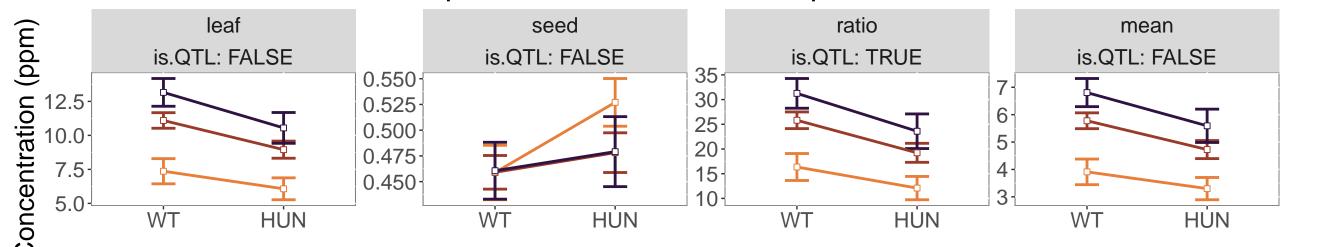


#### Effect plots for Na\_ratio QTL in position 9@64

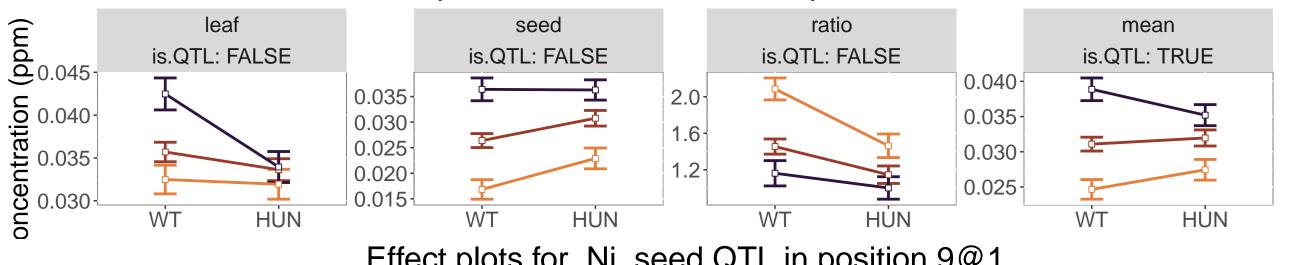
CML312

HET

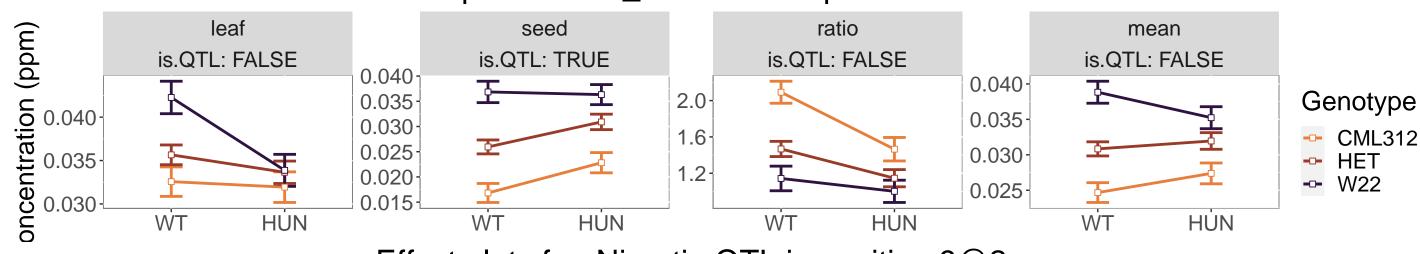
W22



## Effect plots for Ni\_mean QTL in position 9@0.5



Effect plots for Ni\_seed QTL in position 9@1

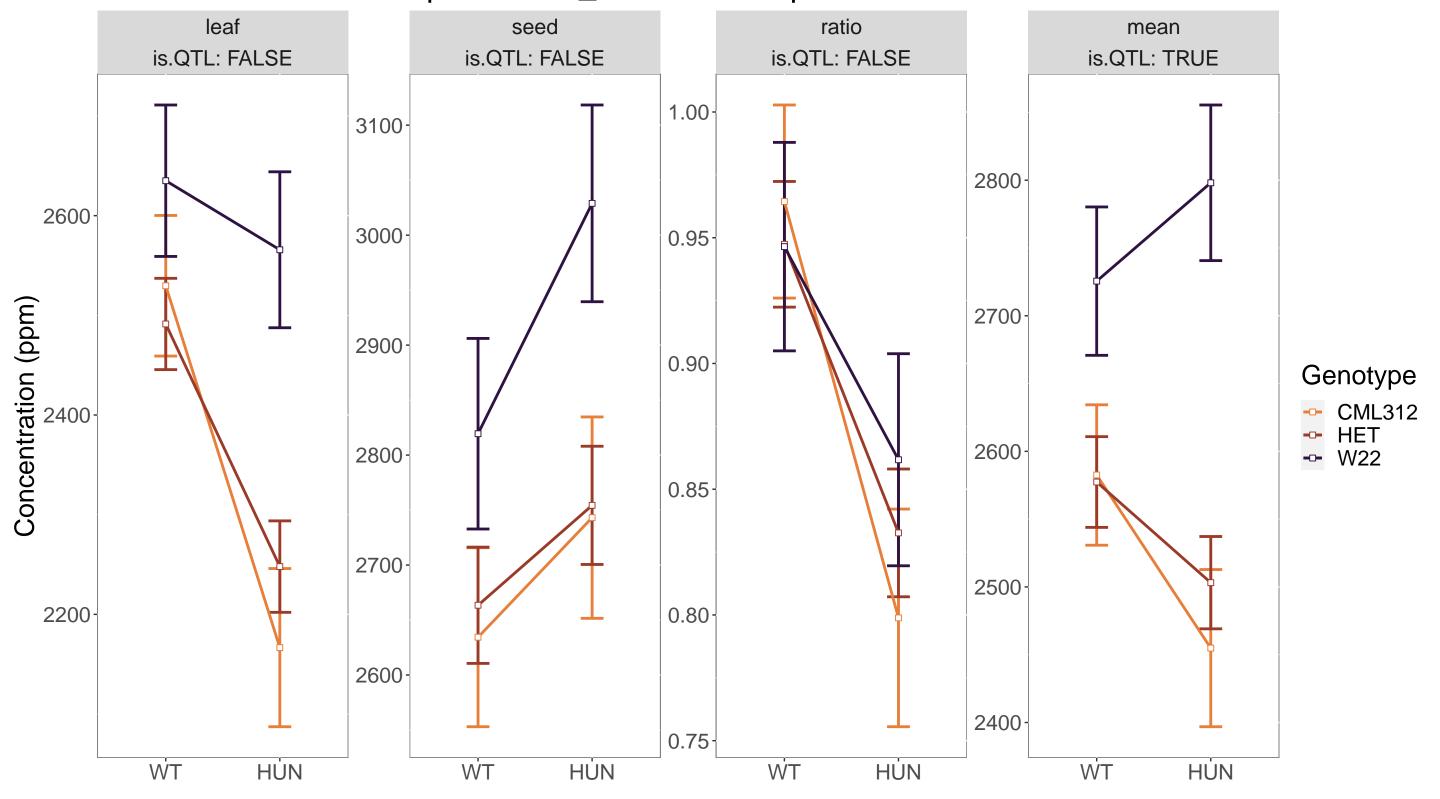


## Effect plots for Ni\_ratio QTL in position 9@2



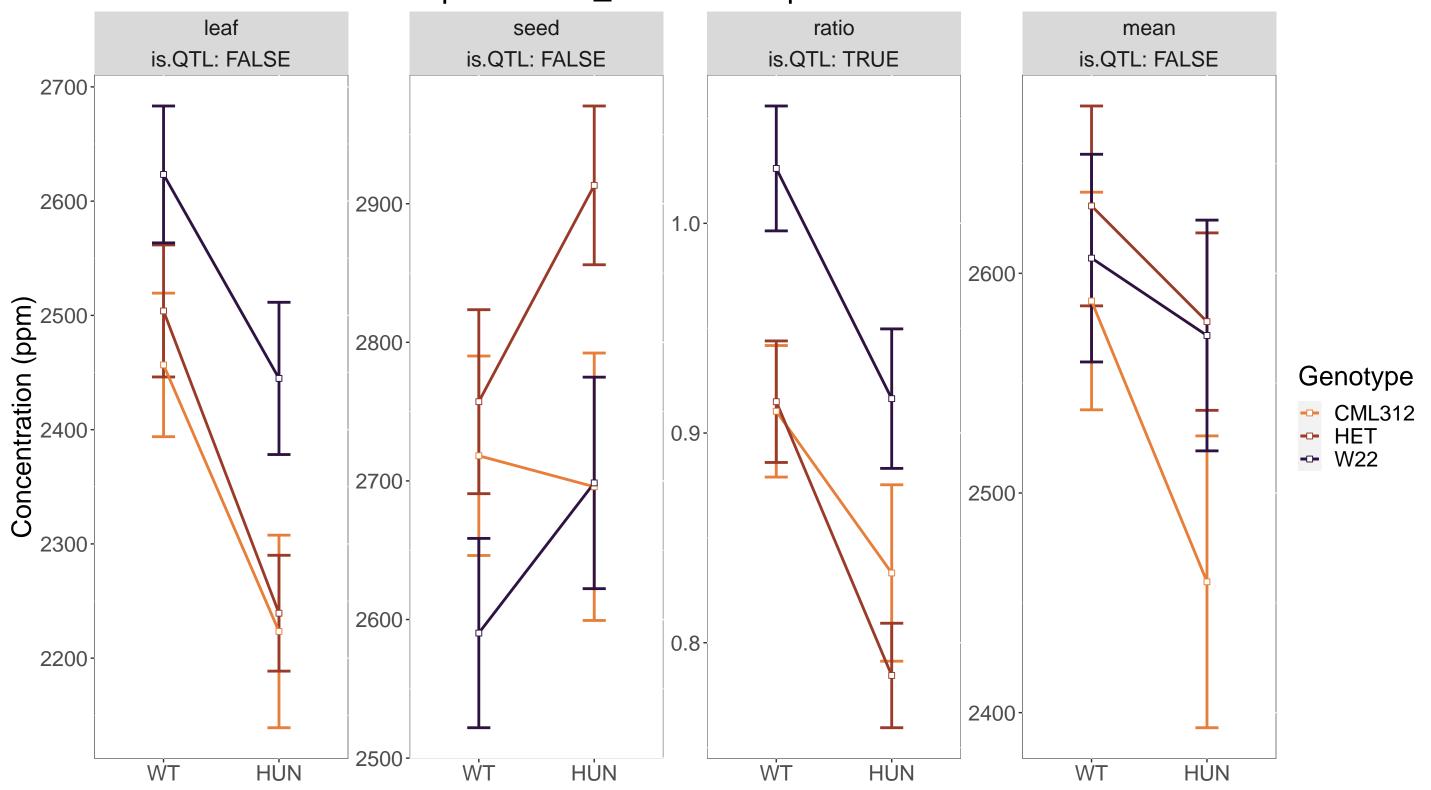
Ion: P

## Effect plots for P\_mean QTL in position 1@130.8

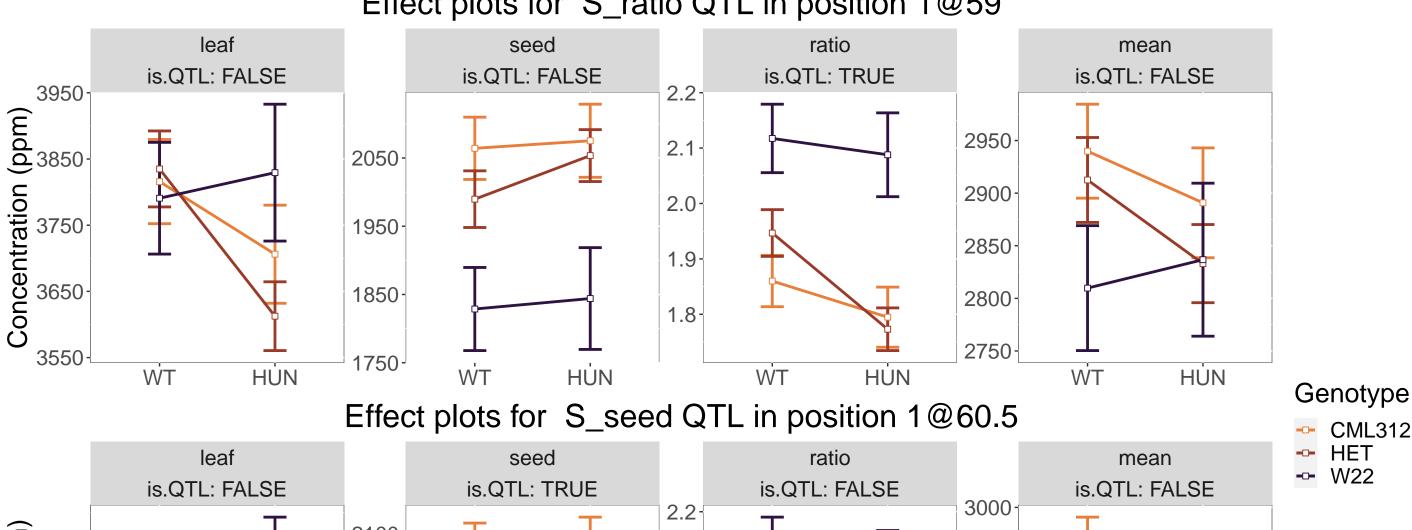


Ion: P

## Effect plots for P\_ratio QTL in position 2@91.5



## Effect plots for S\_ratio QTL in position 1@59

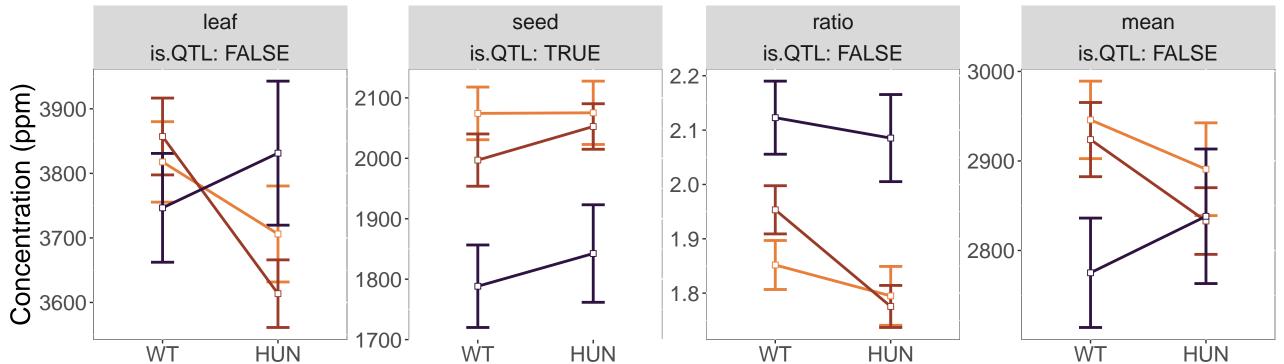




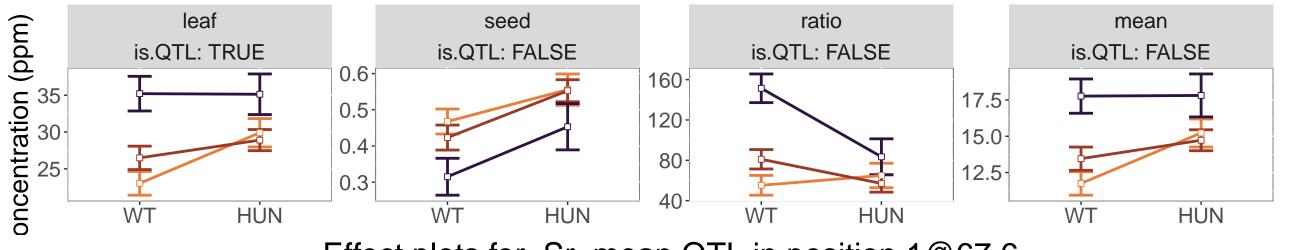
CML312

HET

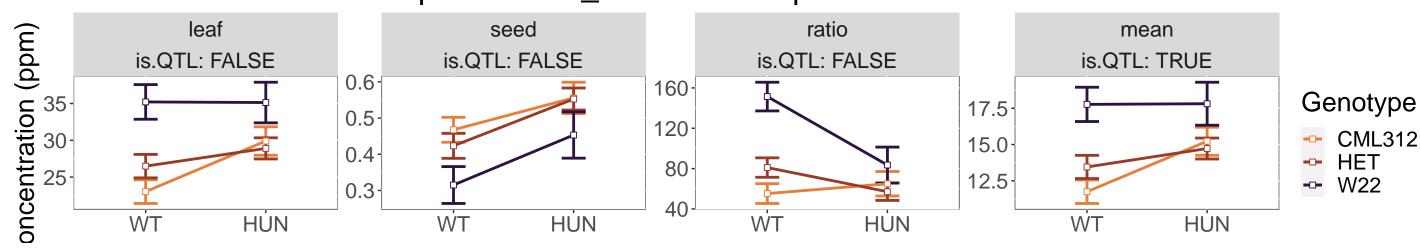
W22



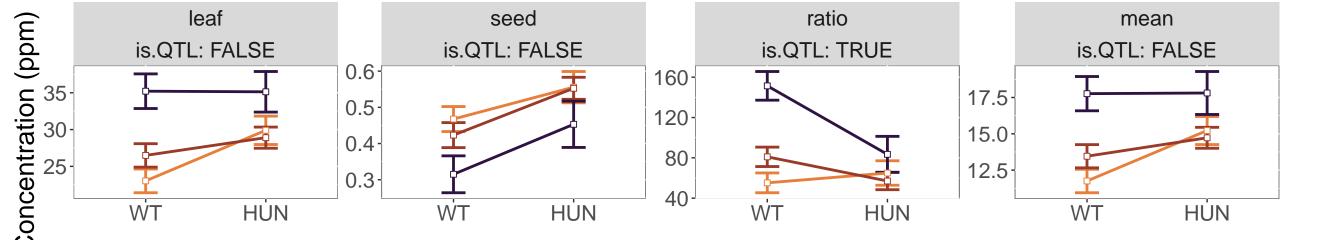
#### Effect plots for Sr\_leaf QTL in position 1@67.6



Effect plots for Sr\_mean QTL in position 1@67.6



Effect plots for Sr\_ratio QTL in position 1@67.6



# Effect plots for Sr\_seed QTL in position 9@97

