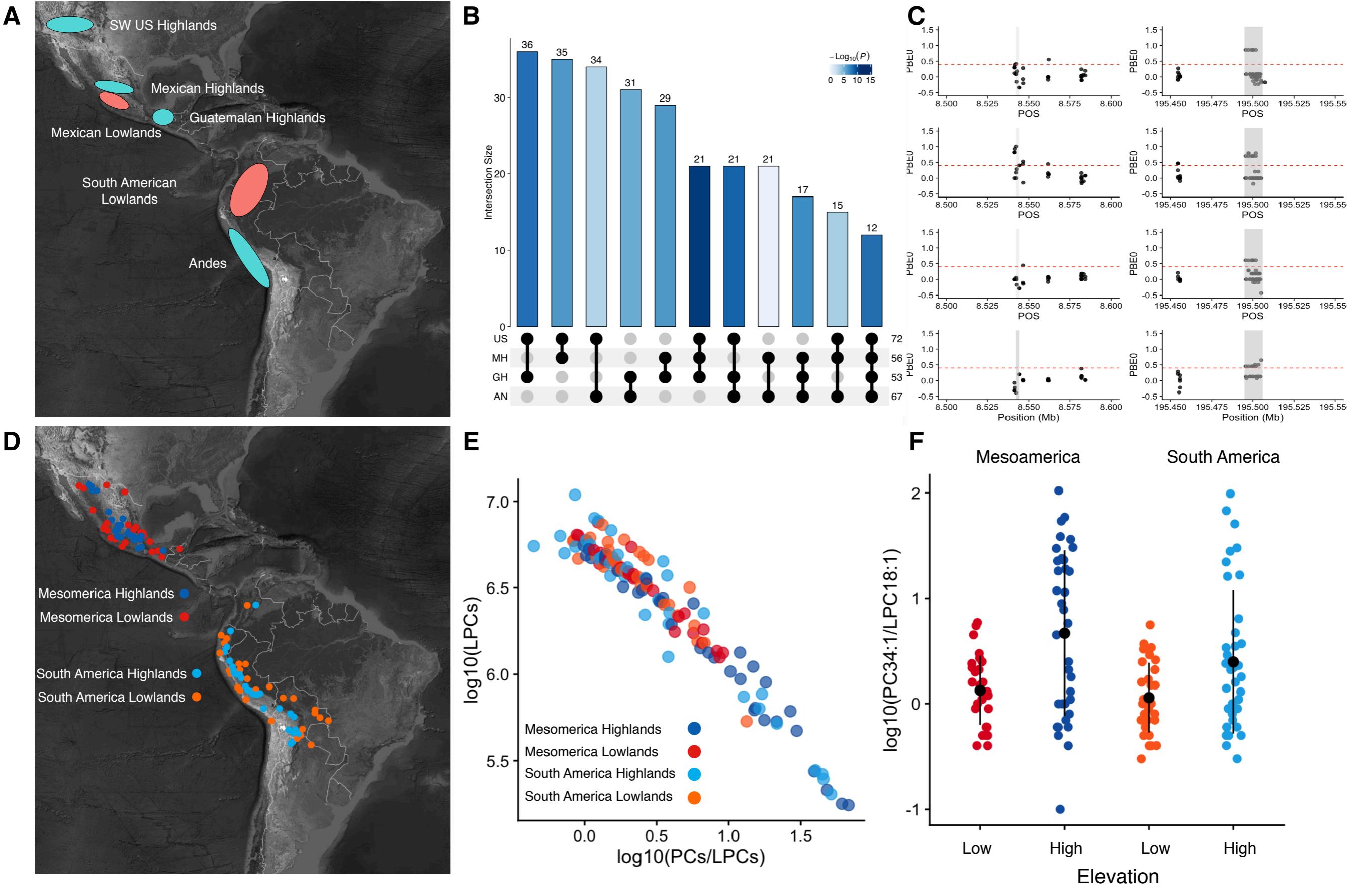
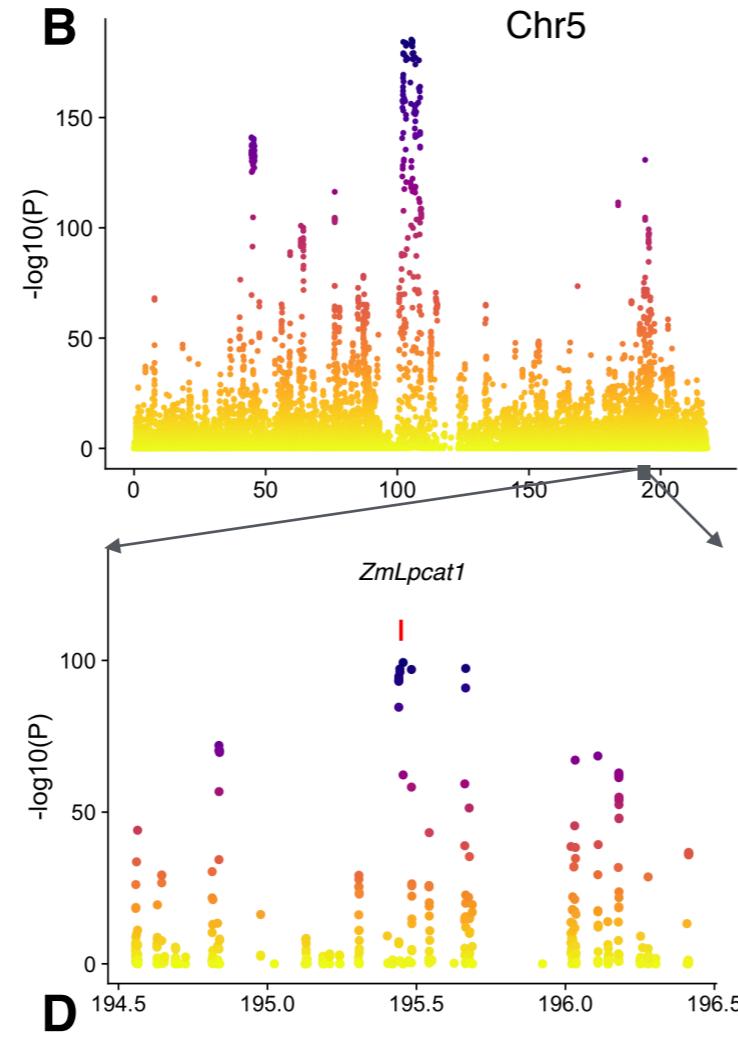
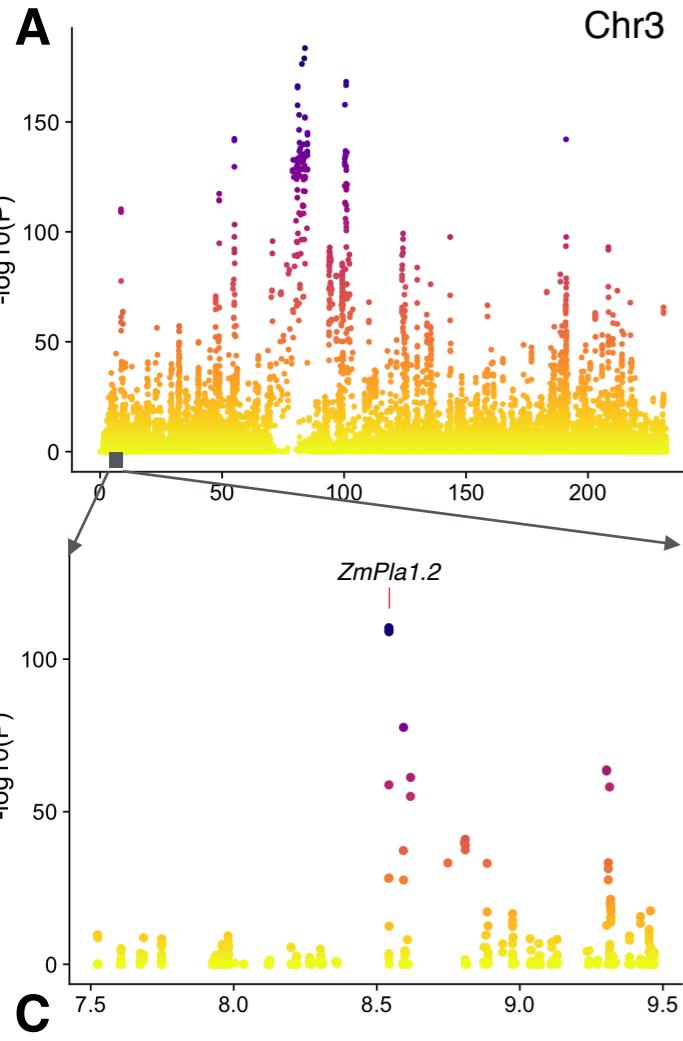
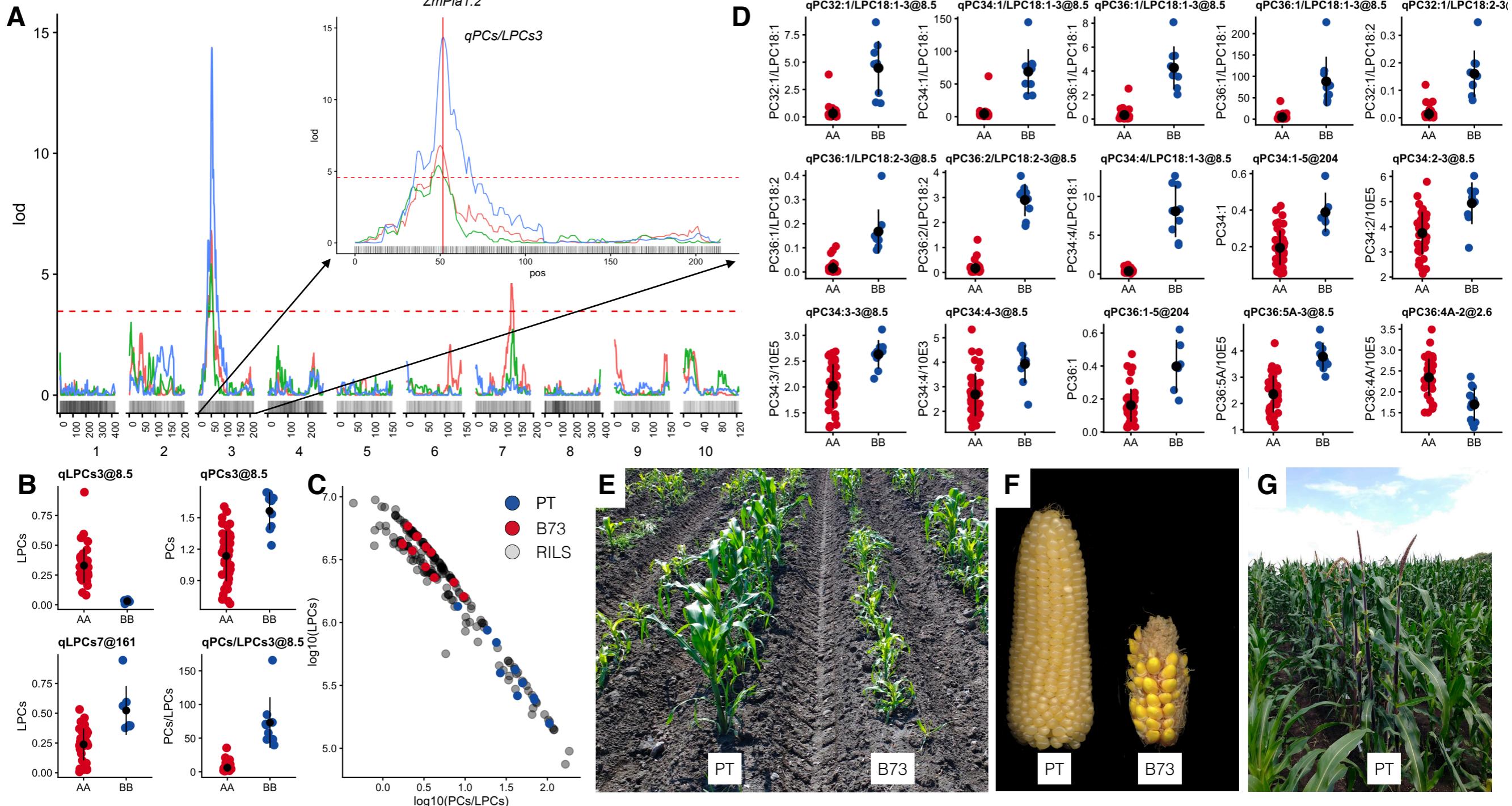


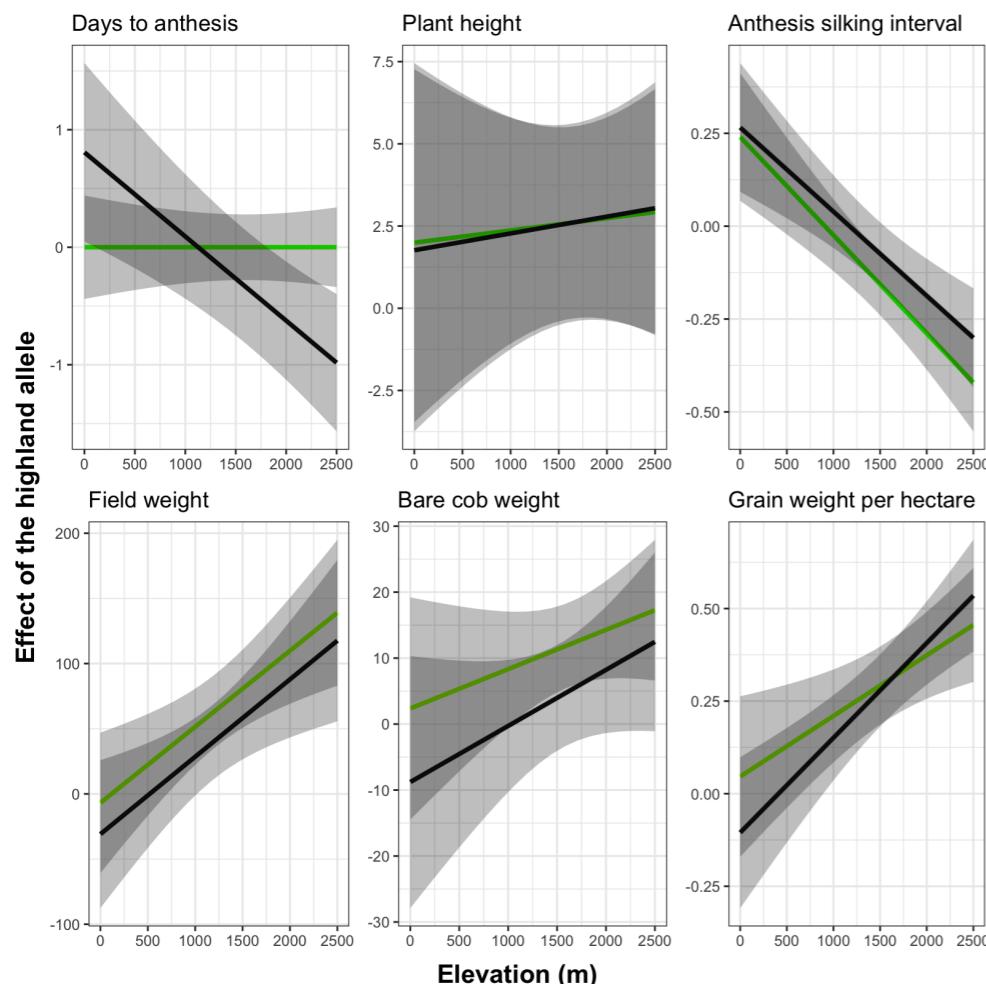
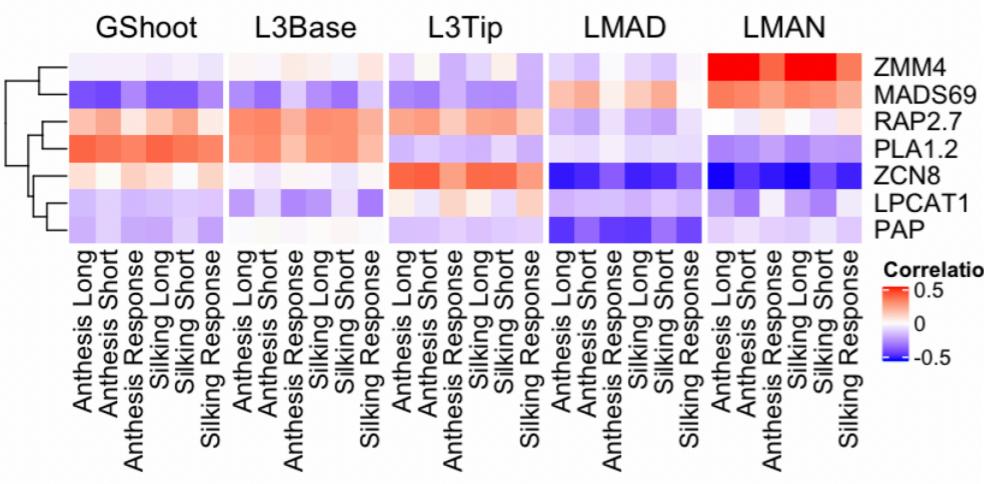
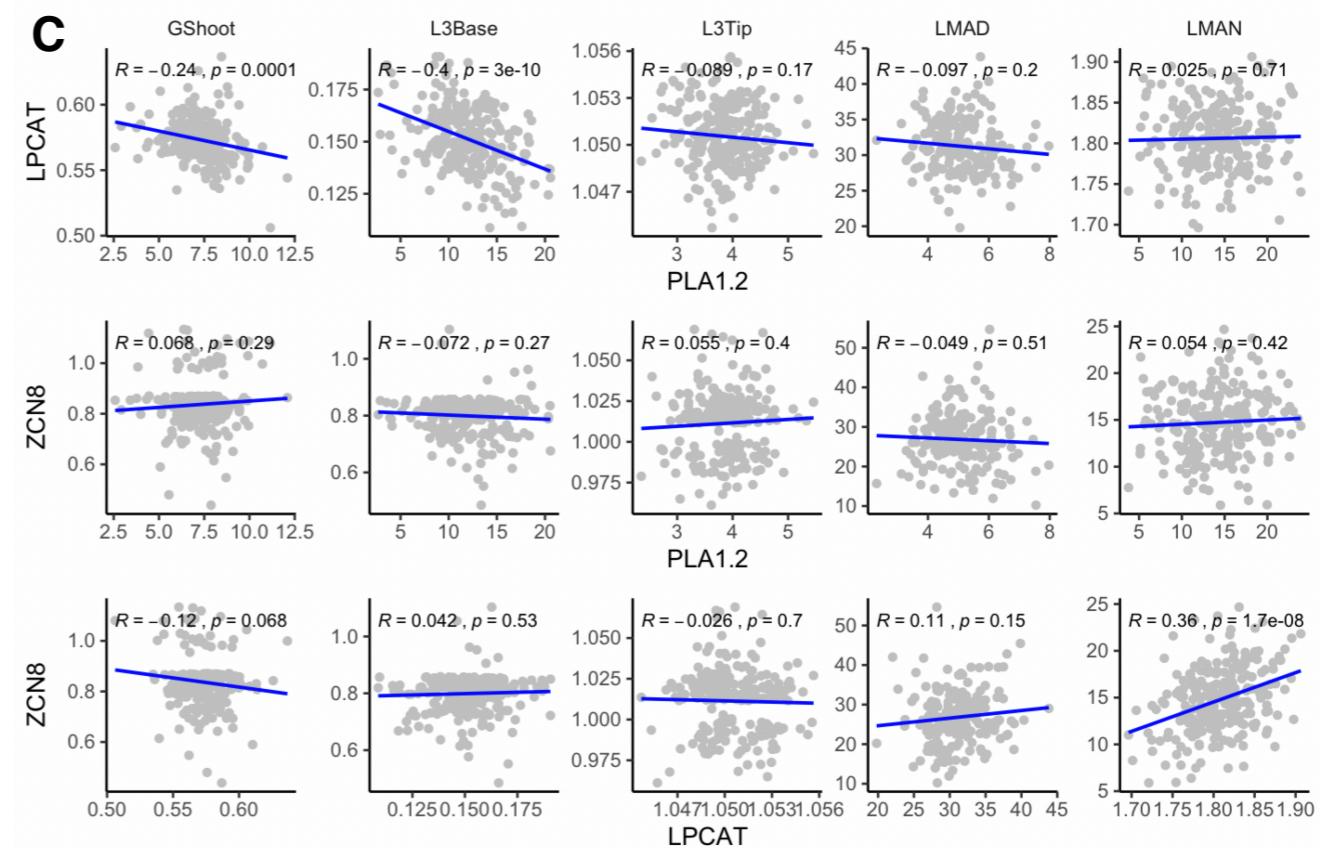
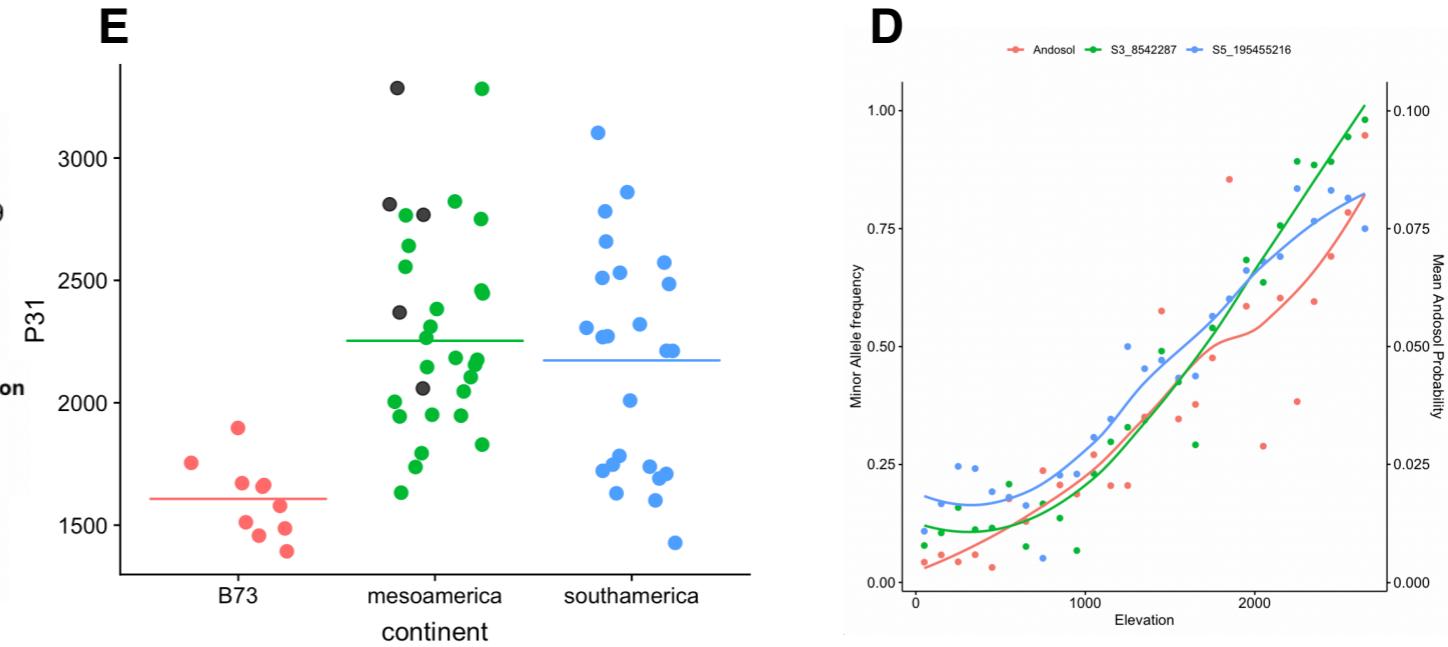
# The Genetics of Phospholipid Metabolism in Maize Highland Adaptation

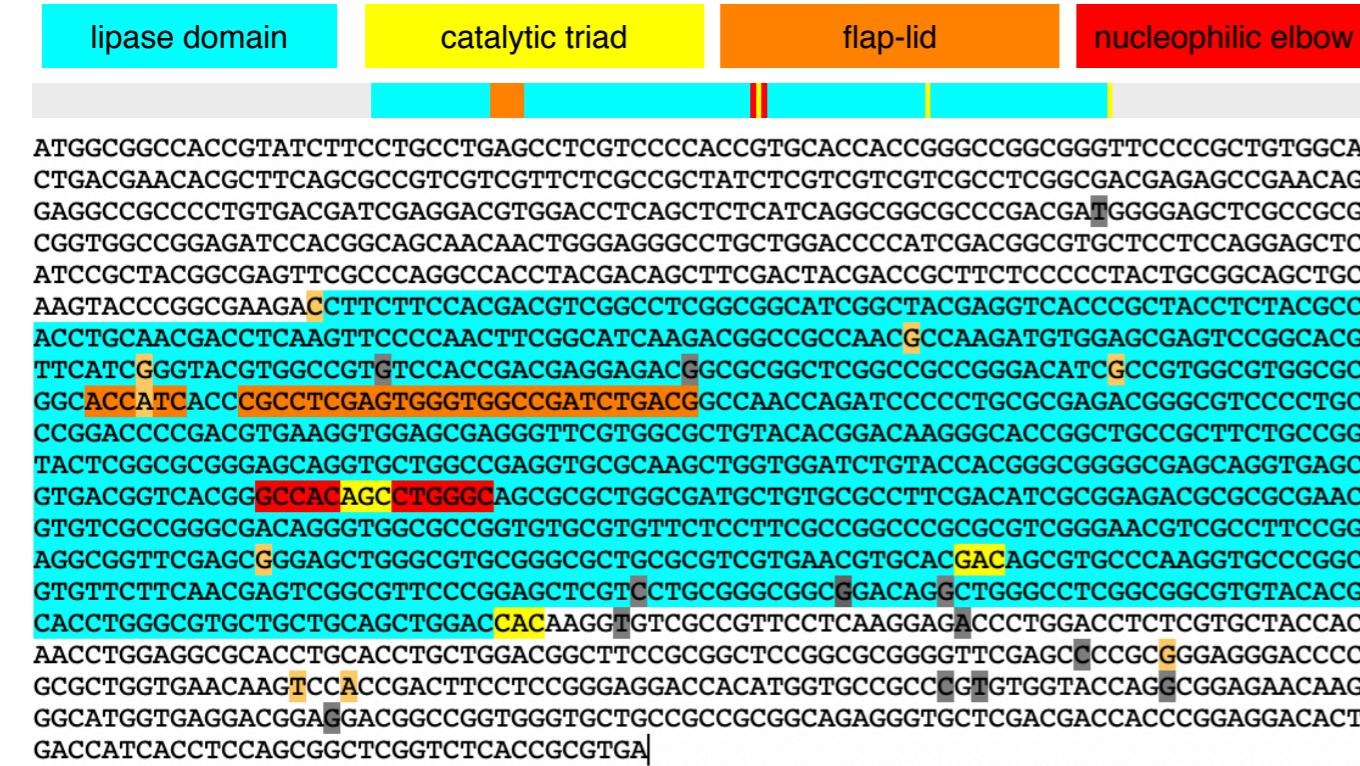
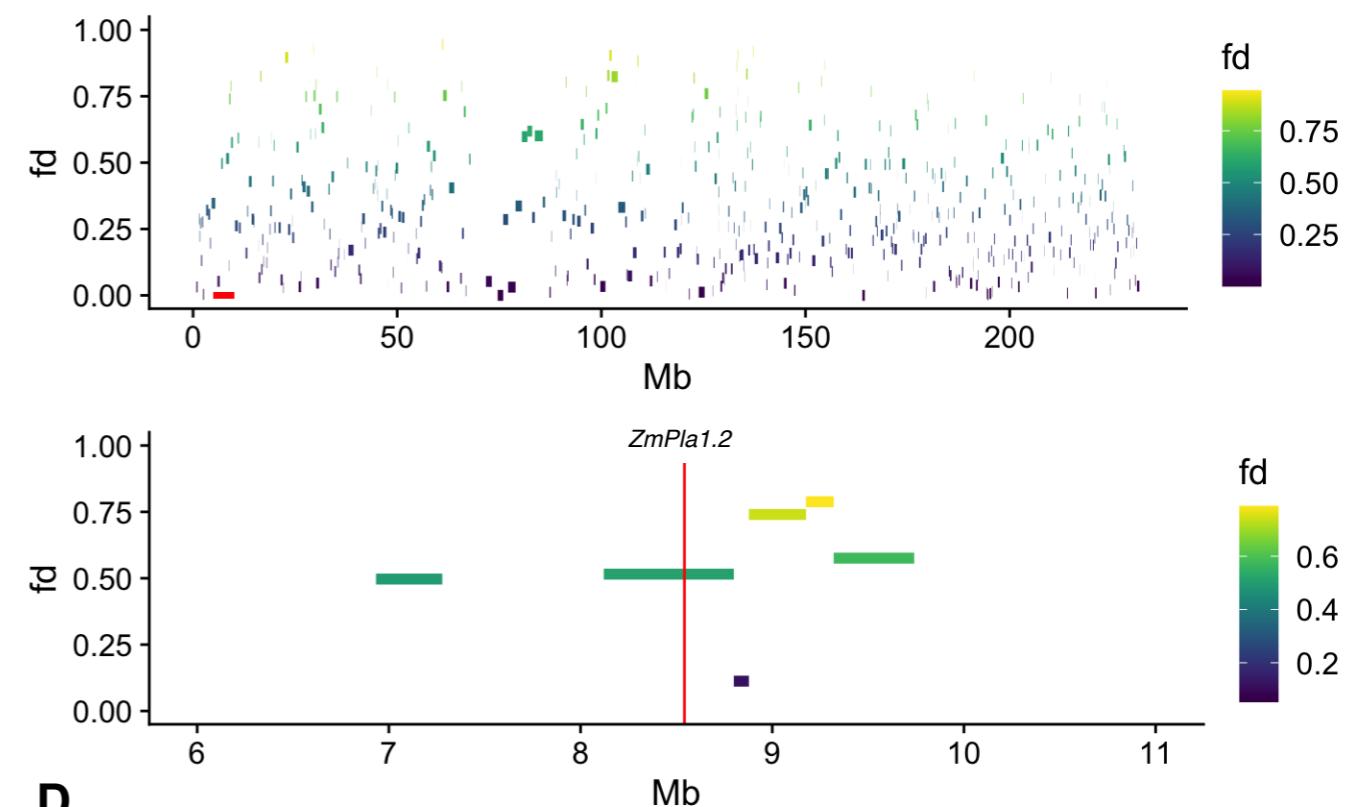
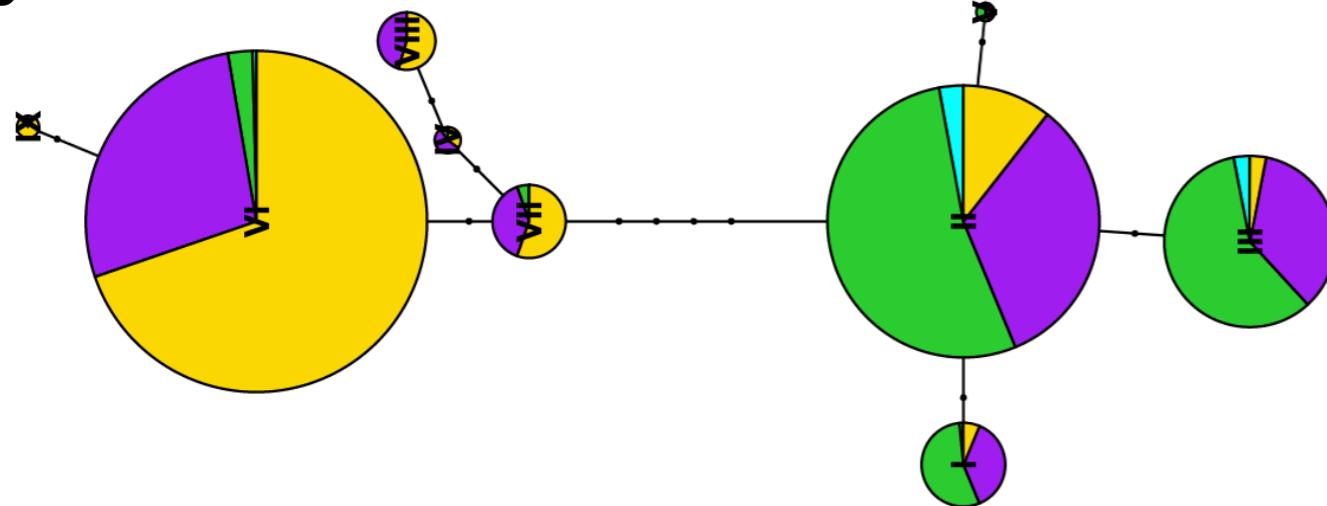
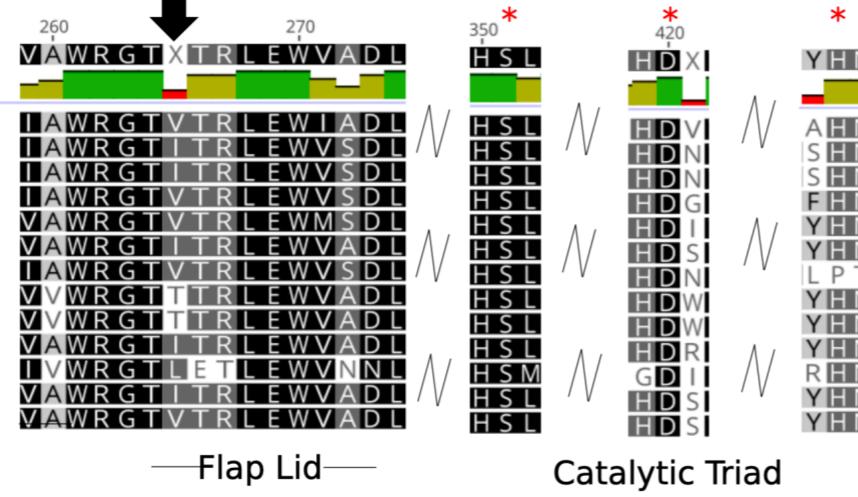
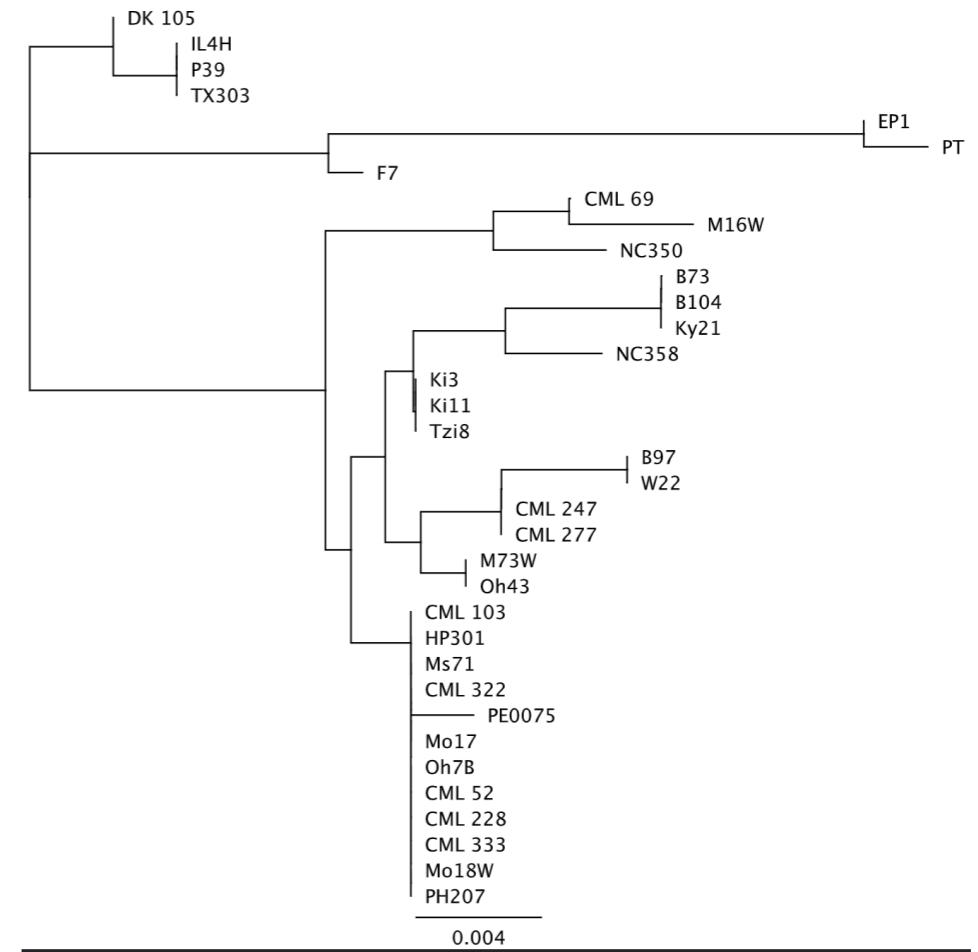




DIVERSITY ESTIMATES ACROSS PHOSPHOLIPASE?



**A****B****C****D**

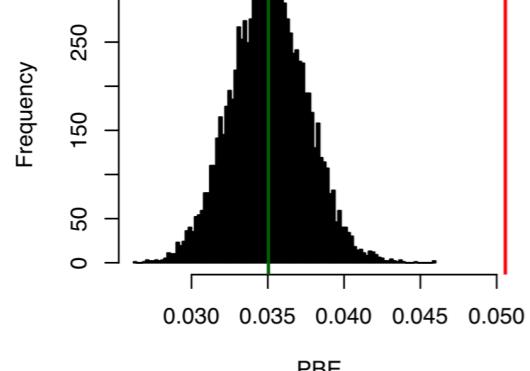
**A****B****C****E****D**

# The Genetics of Phospholipid Metabolism in Highland Maize Local Adaptation

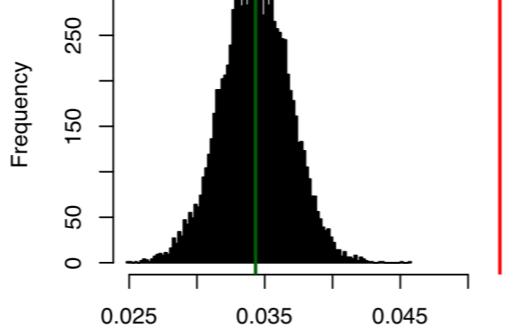
*Supplementary Figures*

**A**

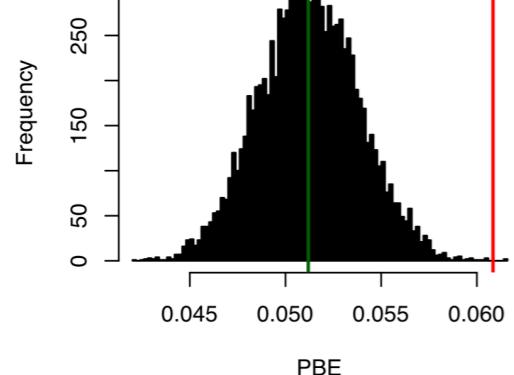
**US Glycerolipid genes  $p < 0.0001$**   
bg: 683162 genic SNPs  
test: 6219 nr SNPs from 186 genes



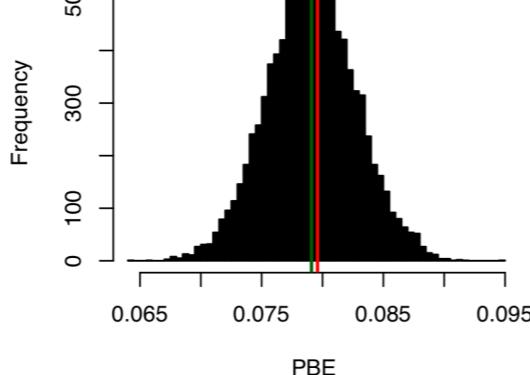
**MH Glycerolipid genes  $p < 0.0001$**   
bg: 664555 genic SNPs  
test: 6106 nr SNPs from 186 genes



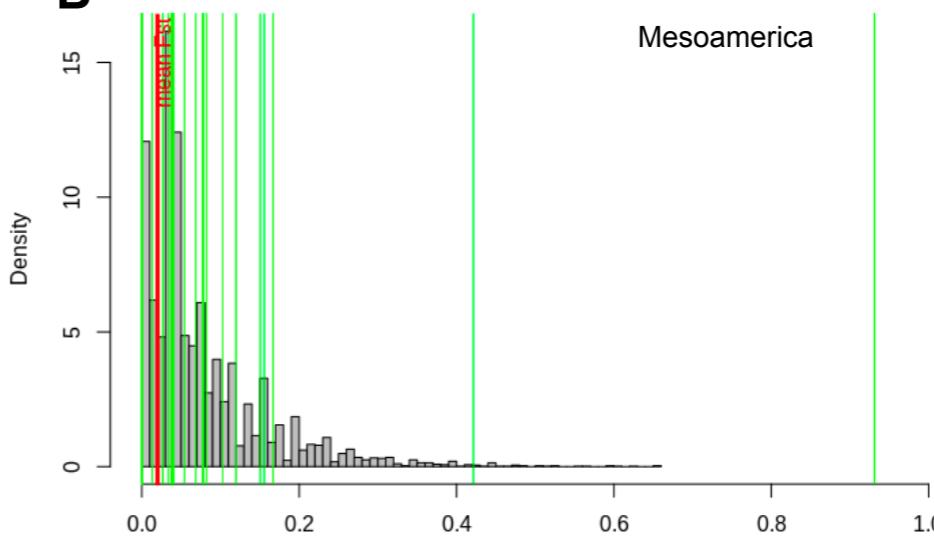
**GH Glycerolipid genes  $p = 0.0002$**   
bg: 641186 genic SNPs  
test: 5912 nr SNPs from 185 genes



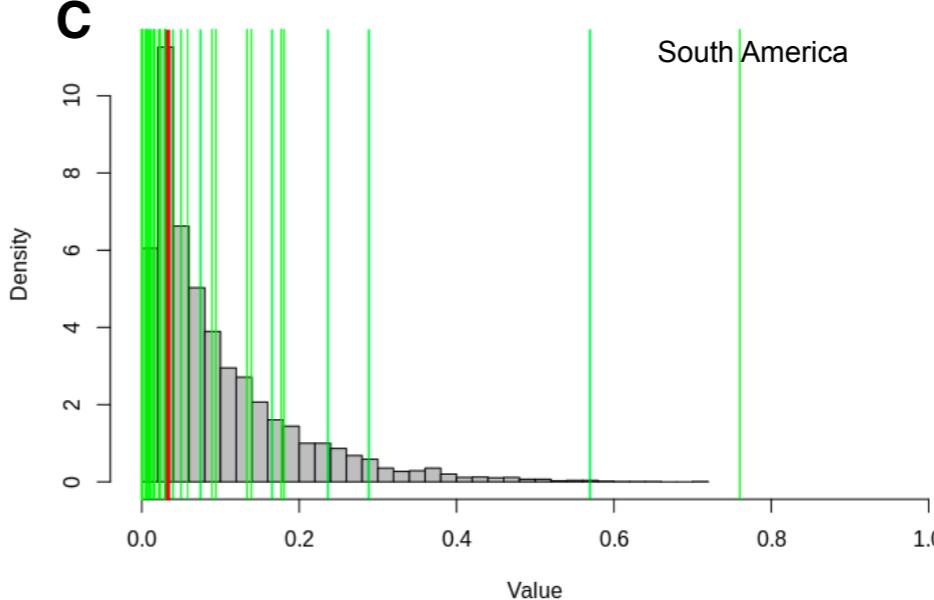
**AN Glycerolipid genes  $p = 0.44$**   
bg: 614783 genic SNPs  
test: 5698 nr SNPs from 184 genes

**B**

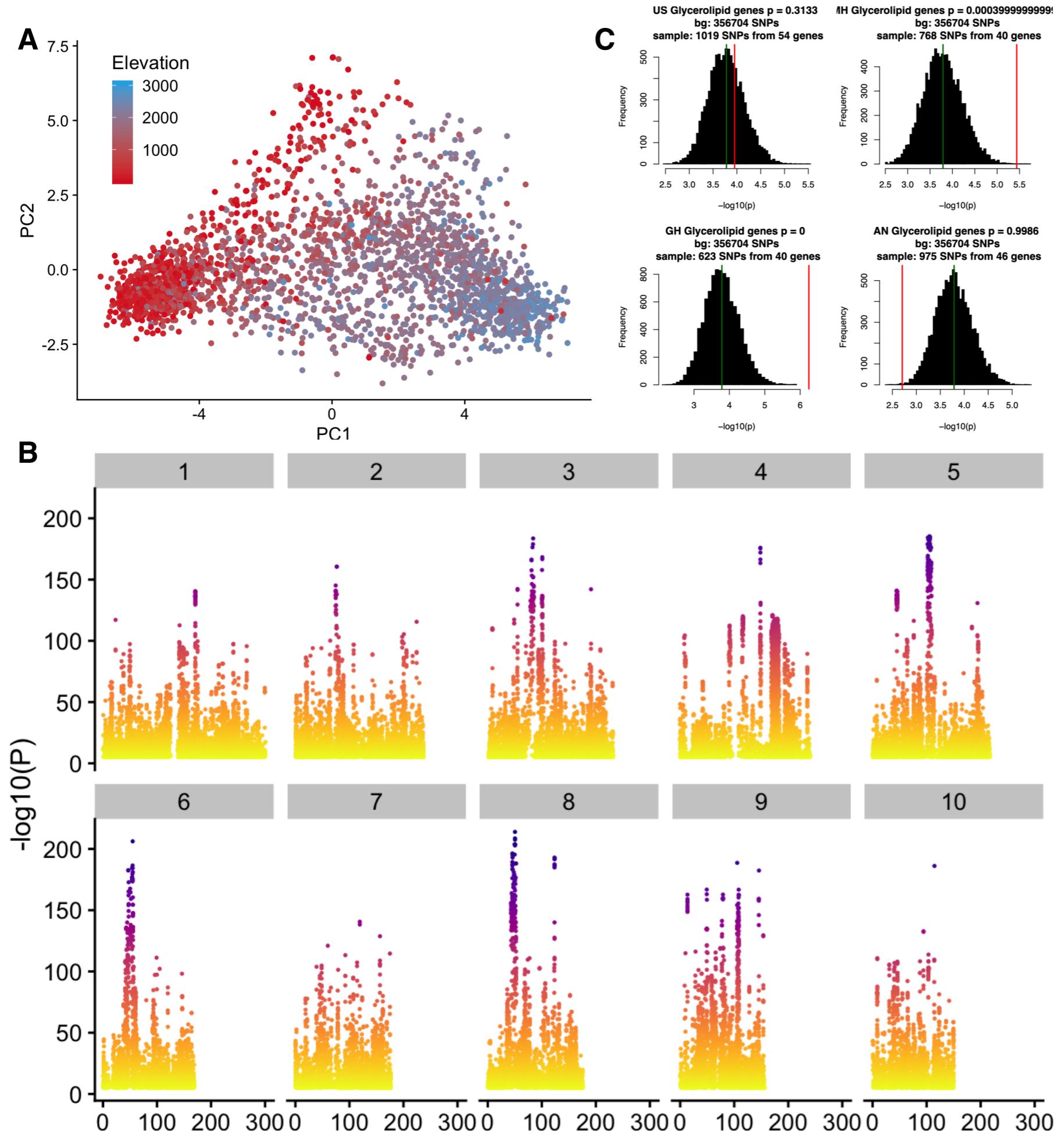
Mesoamerica

**C**

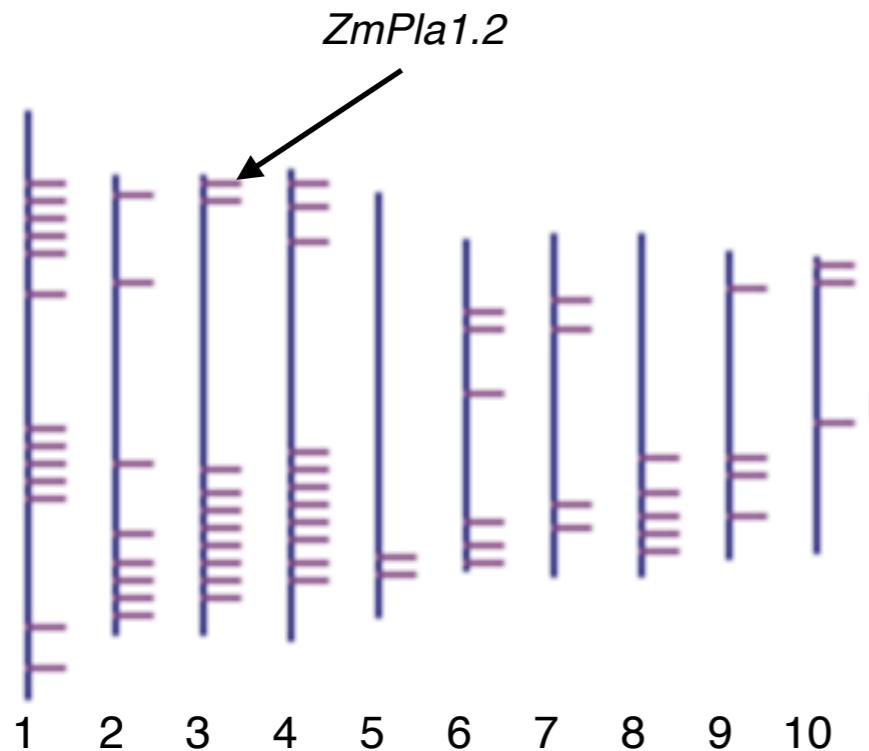
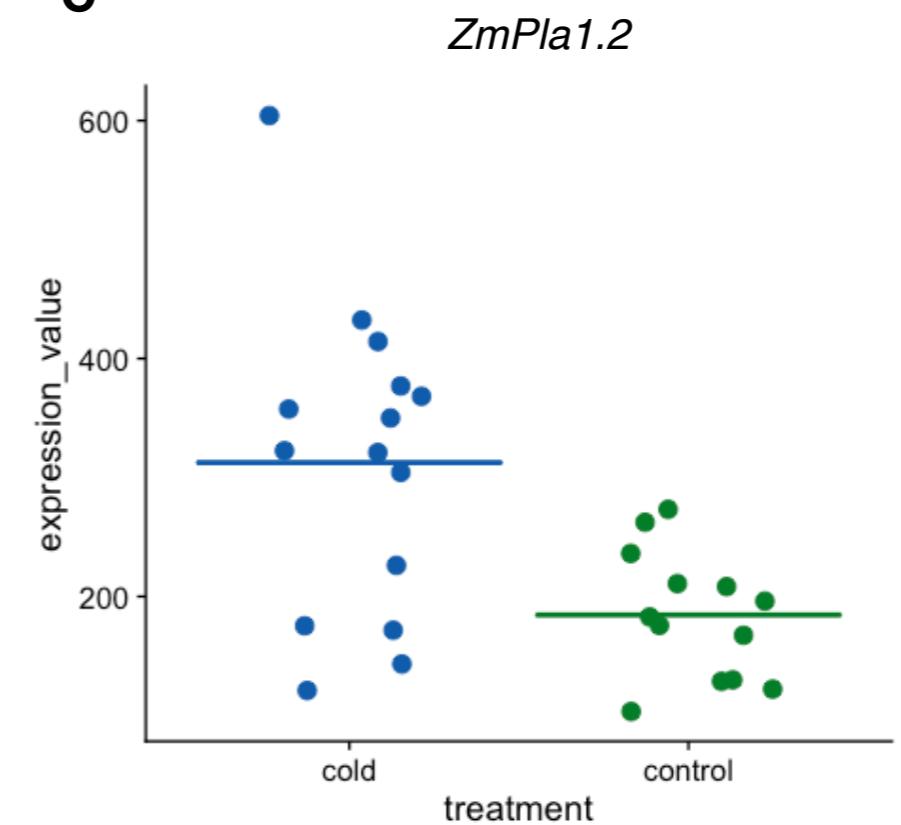
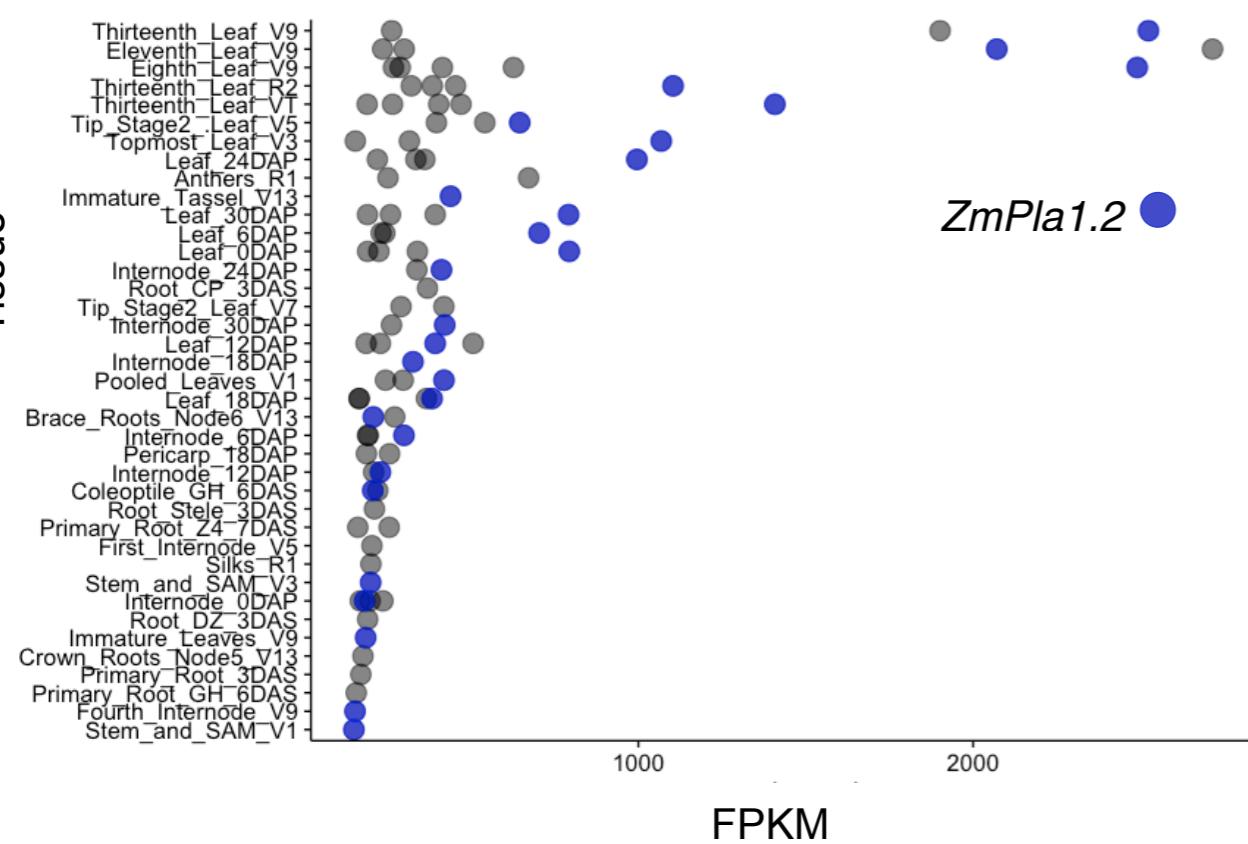
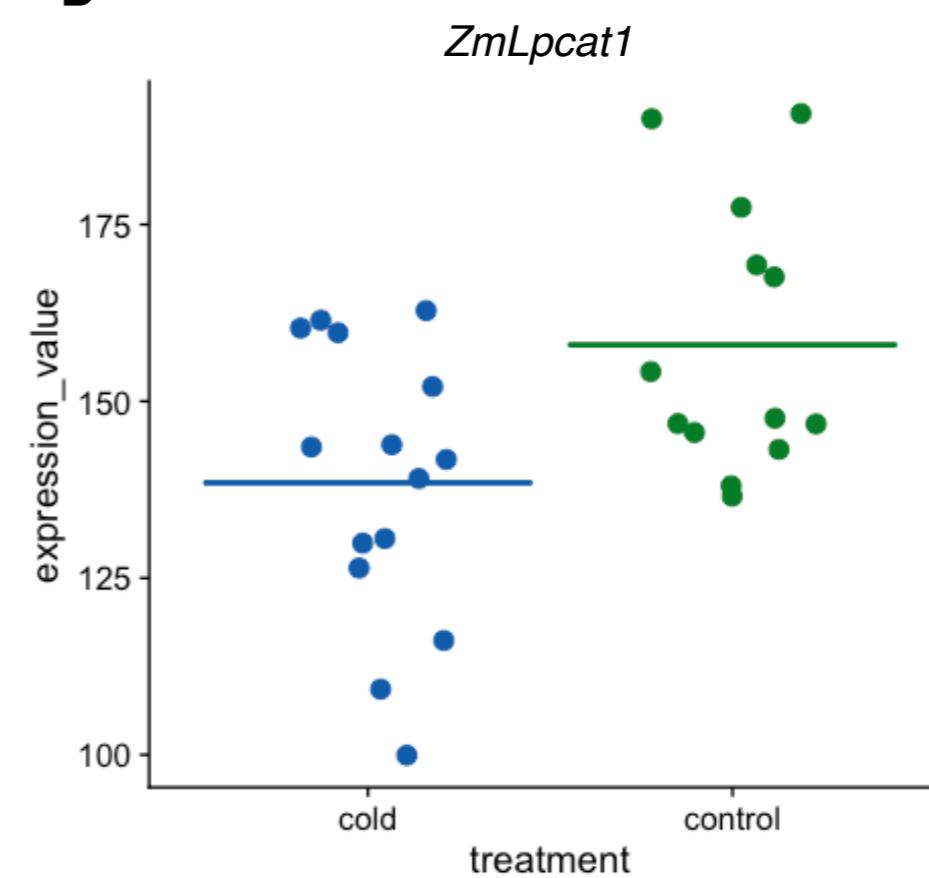
South America



**Supplementary Figure 1**



**Supplementary Figure 2**

**A***ZmPla1.2***C****B***ZmPla1.2***D***ZmLpcat1*