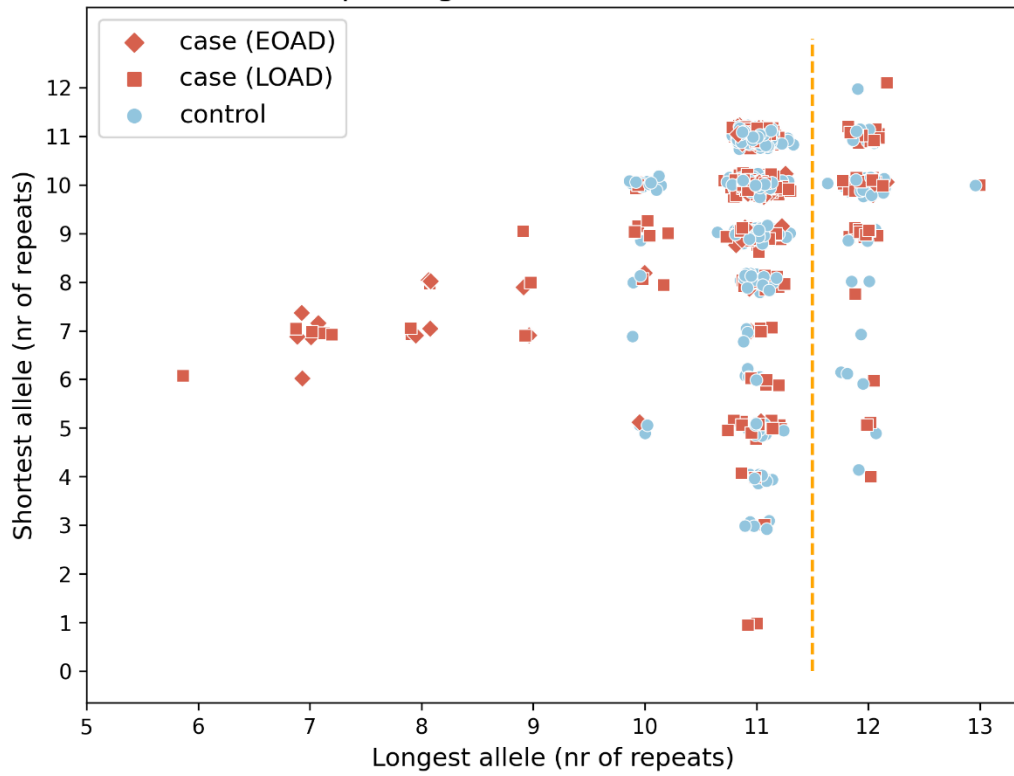


VNTR in the C2CD3 gene  
with repeating motif AATATATATATATG (14)

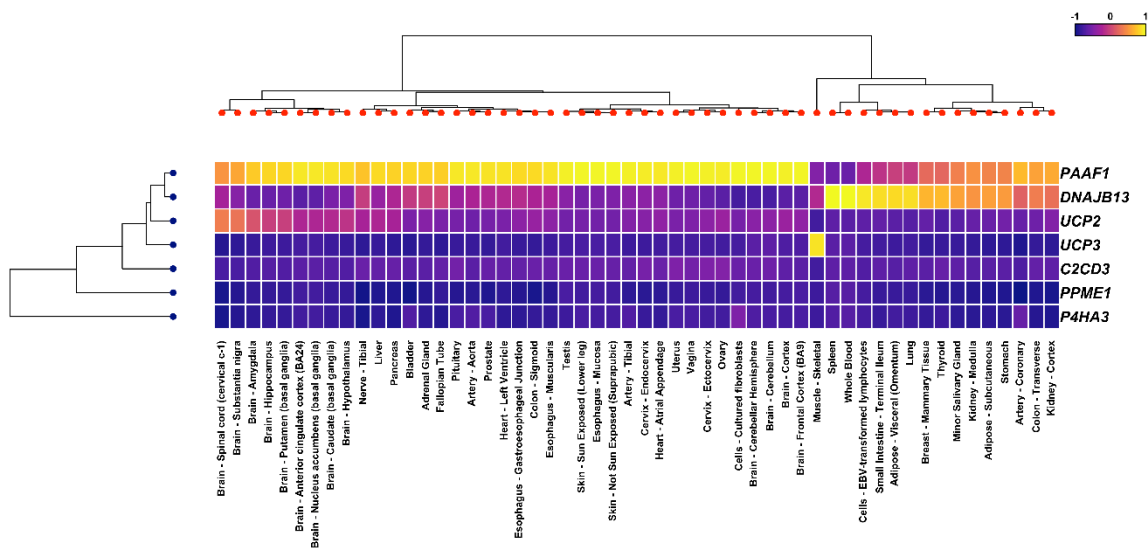


Supplementary Figure 4a: Diploid number of repeats for AD Cases and controls in a contracted VNTR in the C2CD3 gene. The outlier boundary is shown as a dashed line.

### Multiplot ~ C2CD3 ~ chr11

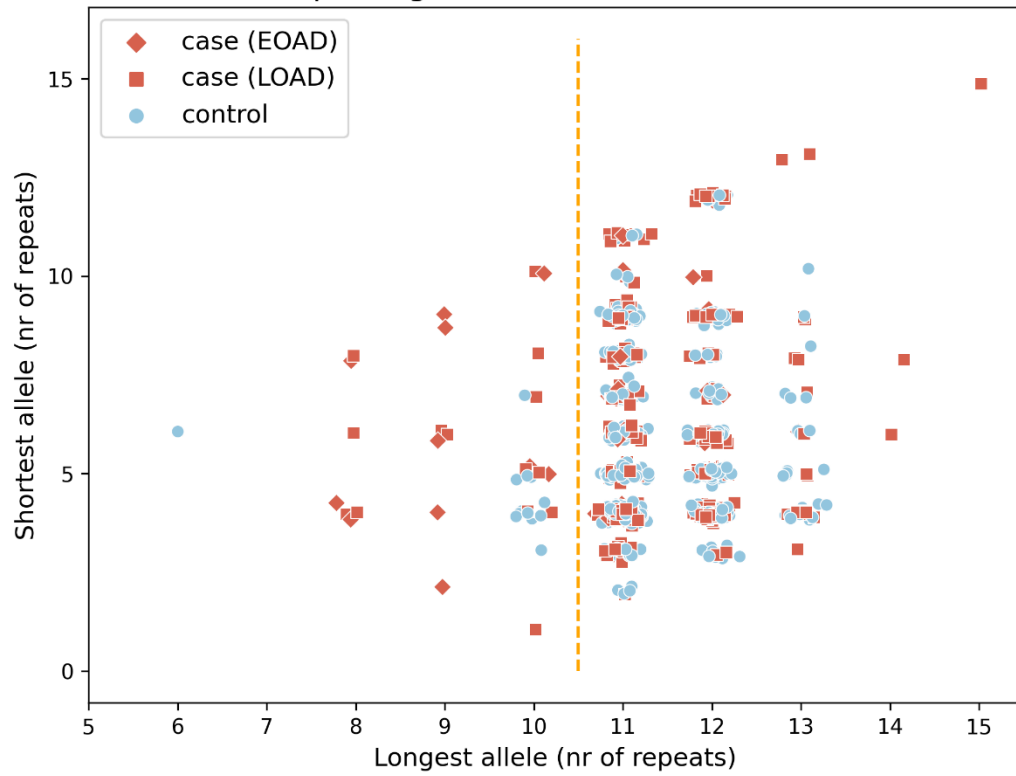


### RNA expression from GTEx

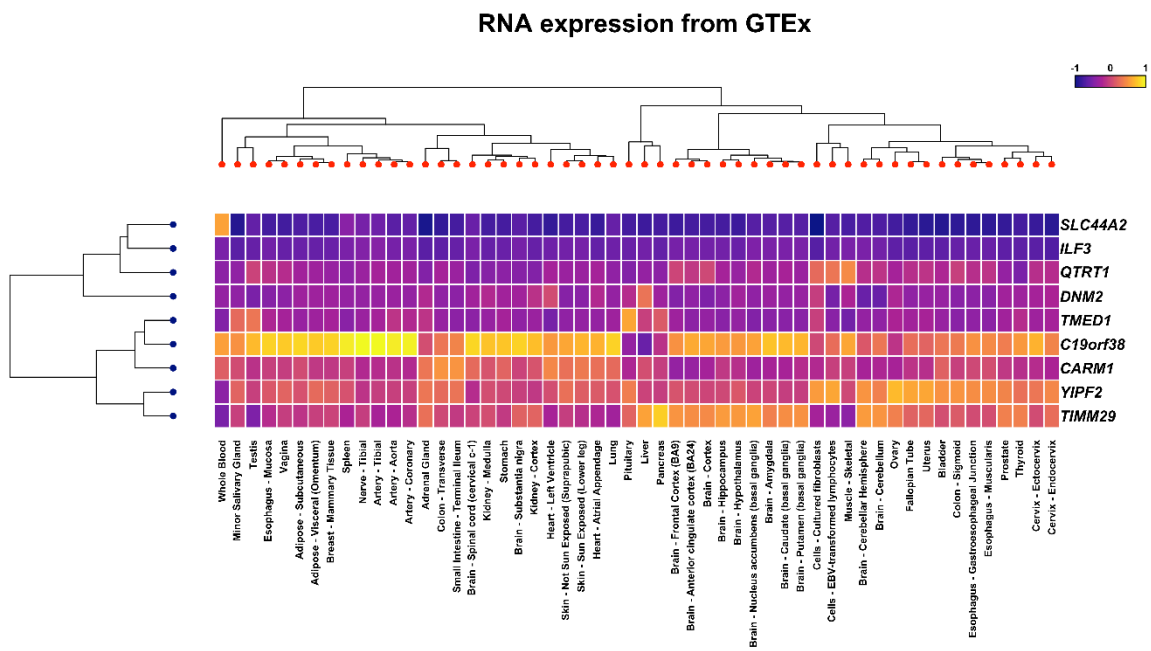
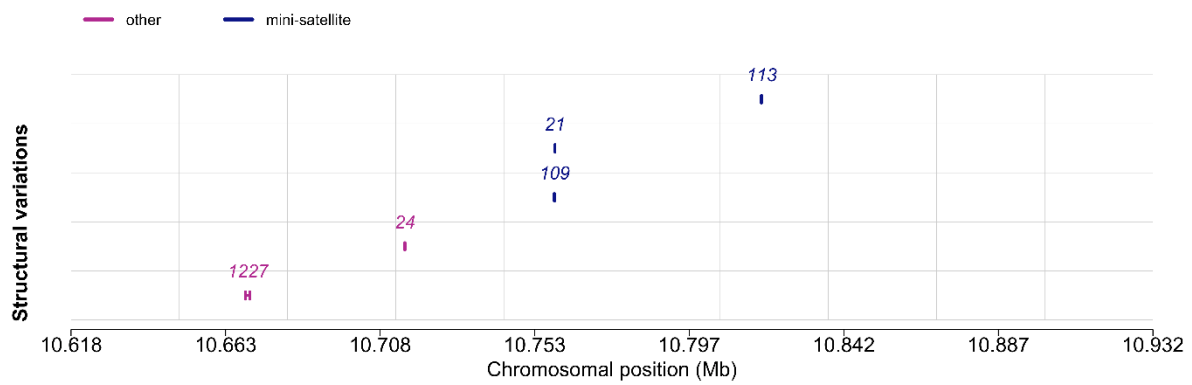
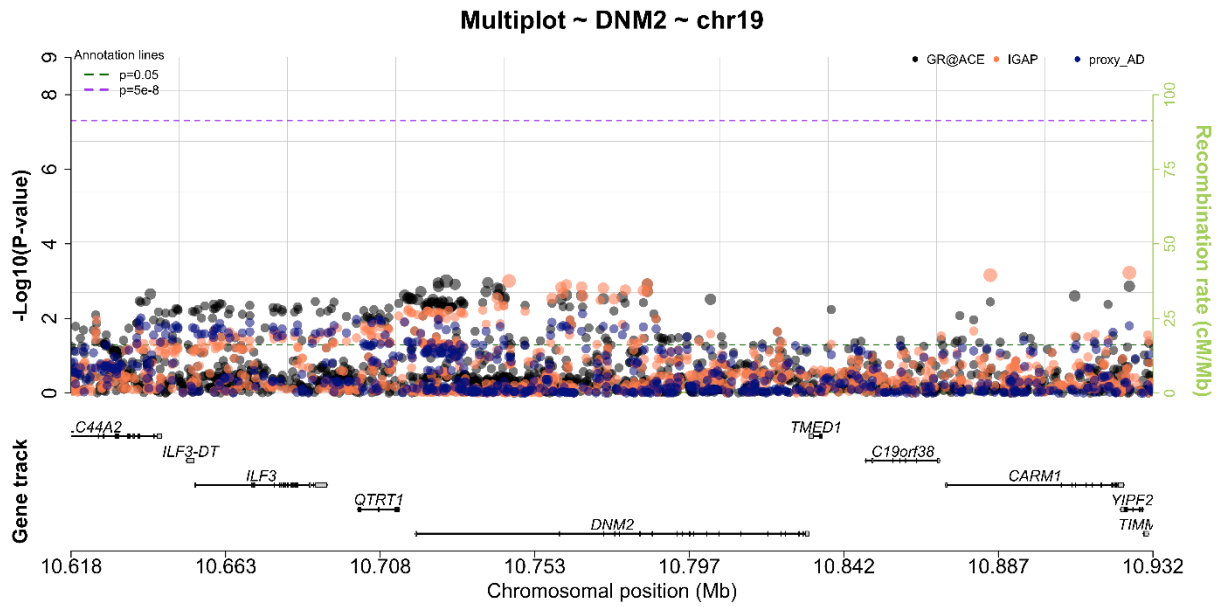


Supplementary Figure 4b: The snpXplorer plots for the C2CD3 gene.

VNTR in the DNM2 gene  
with repeating motif CCCTCCCTCCTTCCTT (16)

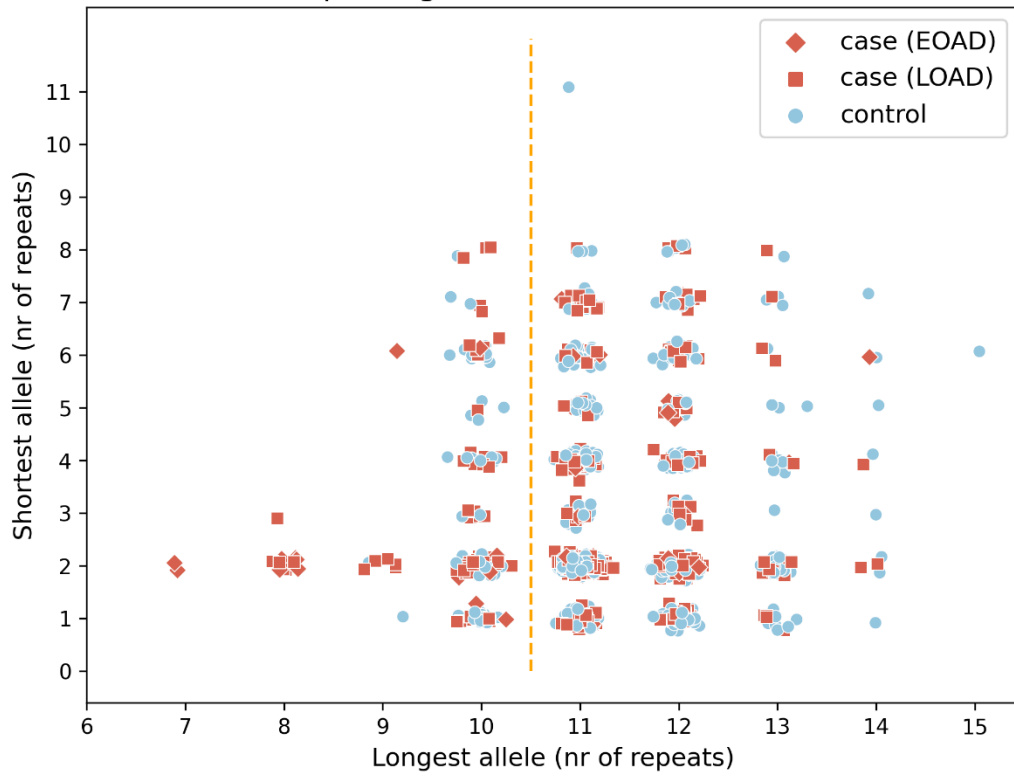


Supplementary Figure 4c: Diploid number of repeats for AD Cases and controls in a contracted VNTR in the DNM2 gene. The outlier boundary is shown as a dashed line.

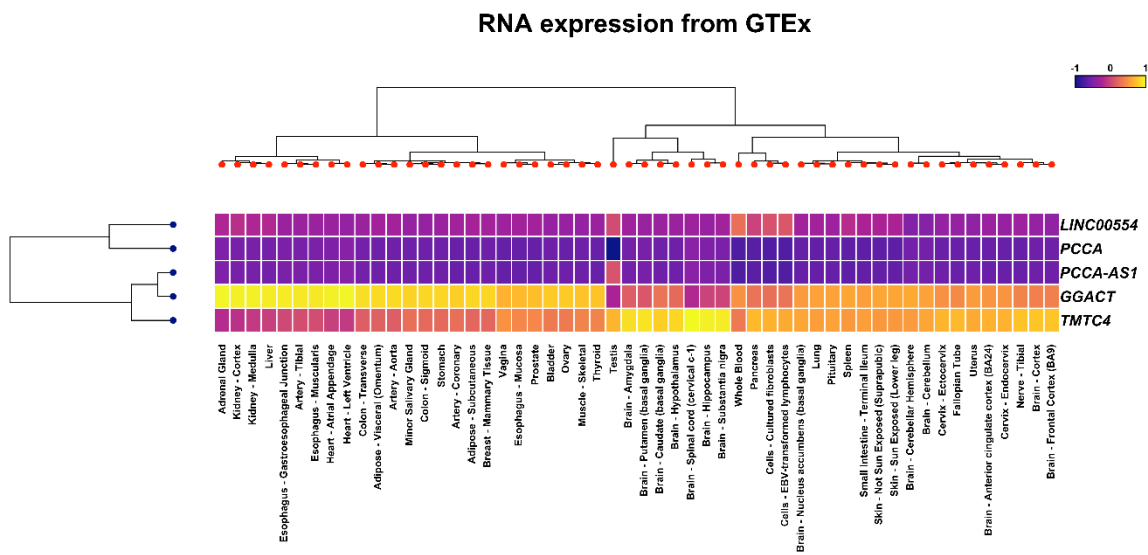
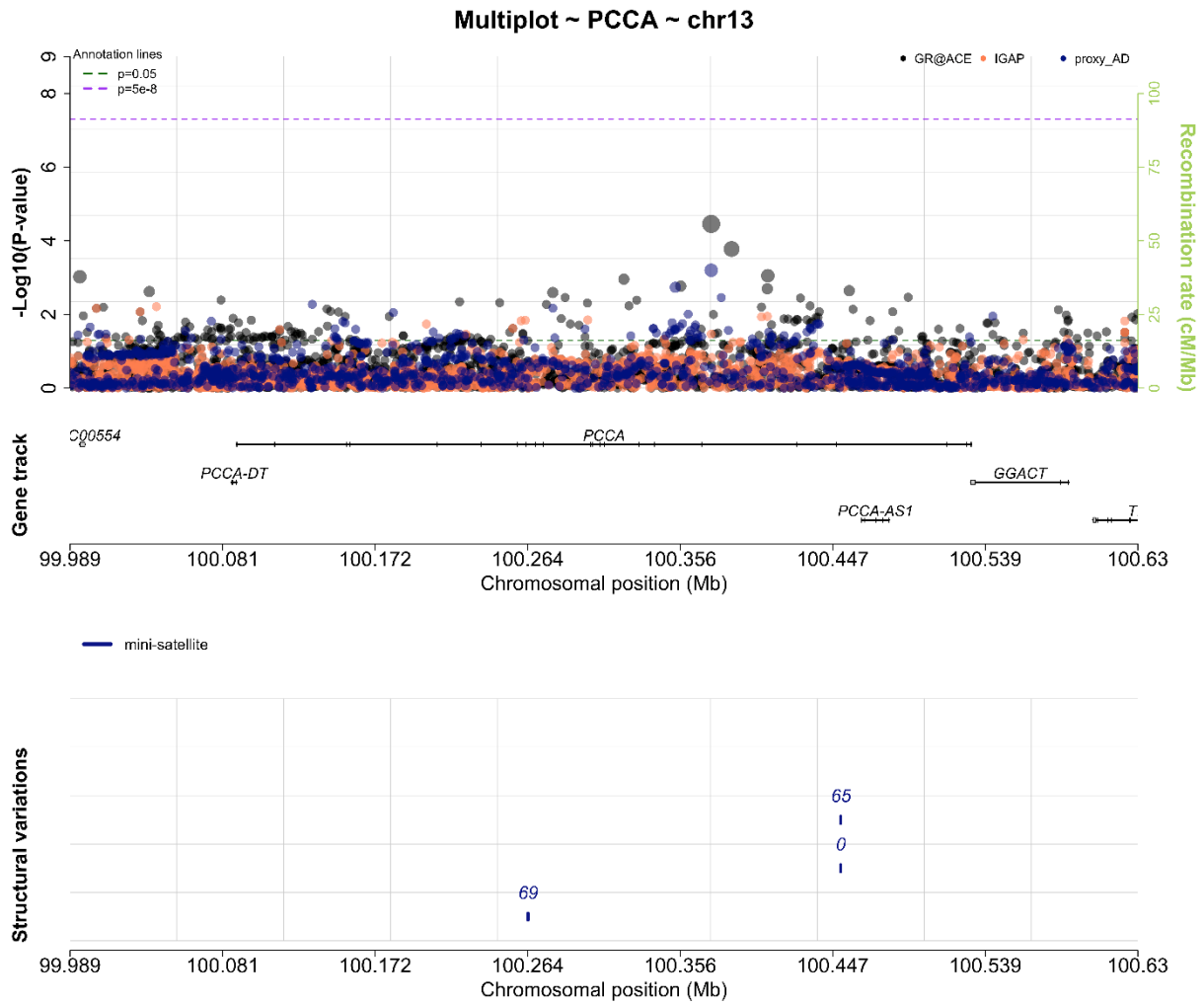


Supplementary Figure 4d: The snpXplorer plots for the DNM2 gene.

VNTR in the PCCA gene  
with repeating motif CCTCTCCCTCTCTCT (15)

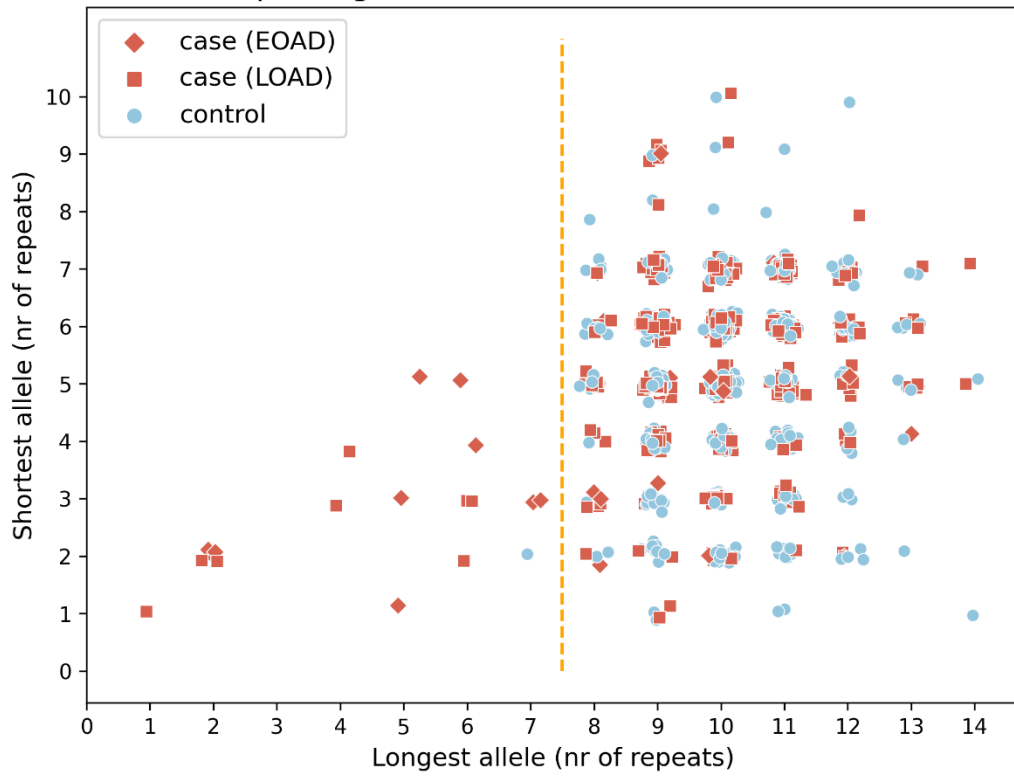


Supplementary Figure 4e: Diploid number of repeats for AD Cases and controls in a contracted VNTR in the PCCA gene. The outlier boundary is shown as a dashed line



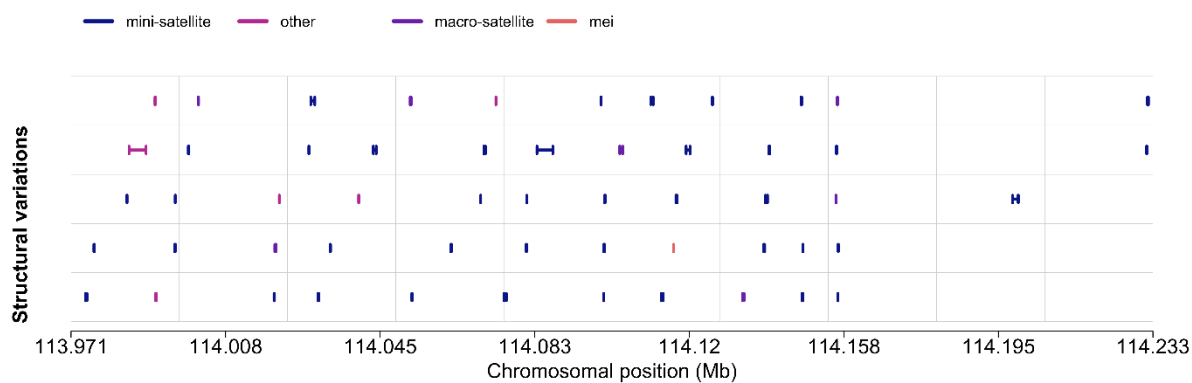
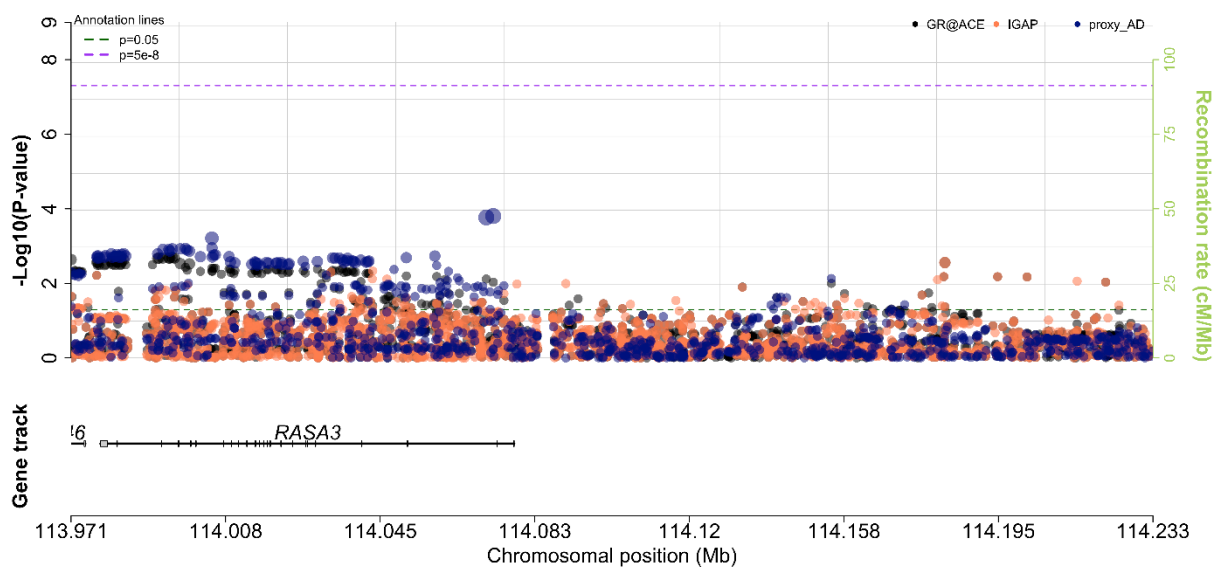
Supplementary Figure 4f: The snpXplorer plots for the PCCA gene.

VNTR in the RASA3 gene  
with repeating motif GGGGAGGAGGGGGCCGCGT (19)

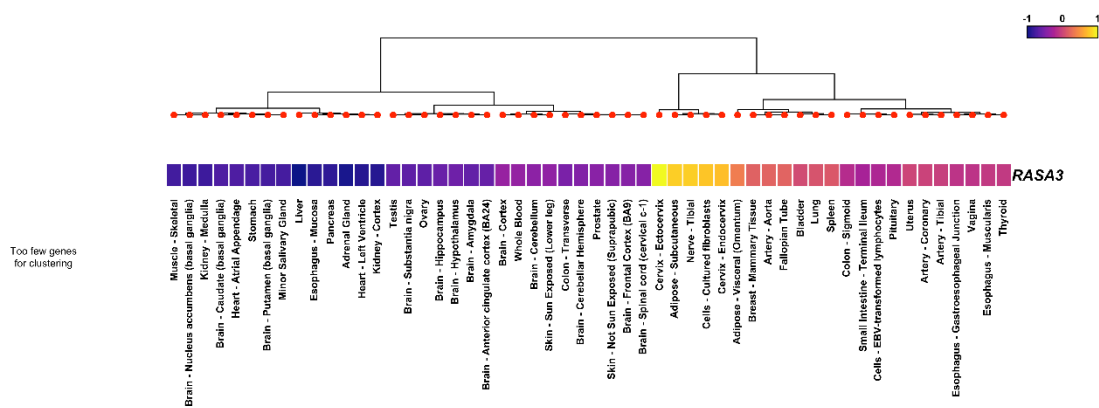


Supplementary Figure 4g: Diploid number of repeats for AD Cases and controls in a contracted VNTR in the RASA3 gene. The outlier boundary is shown as a dashed line.

### Multiplot ~ RASA3 ~ chr13



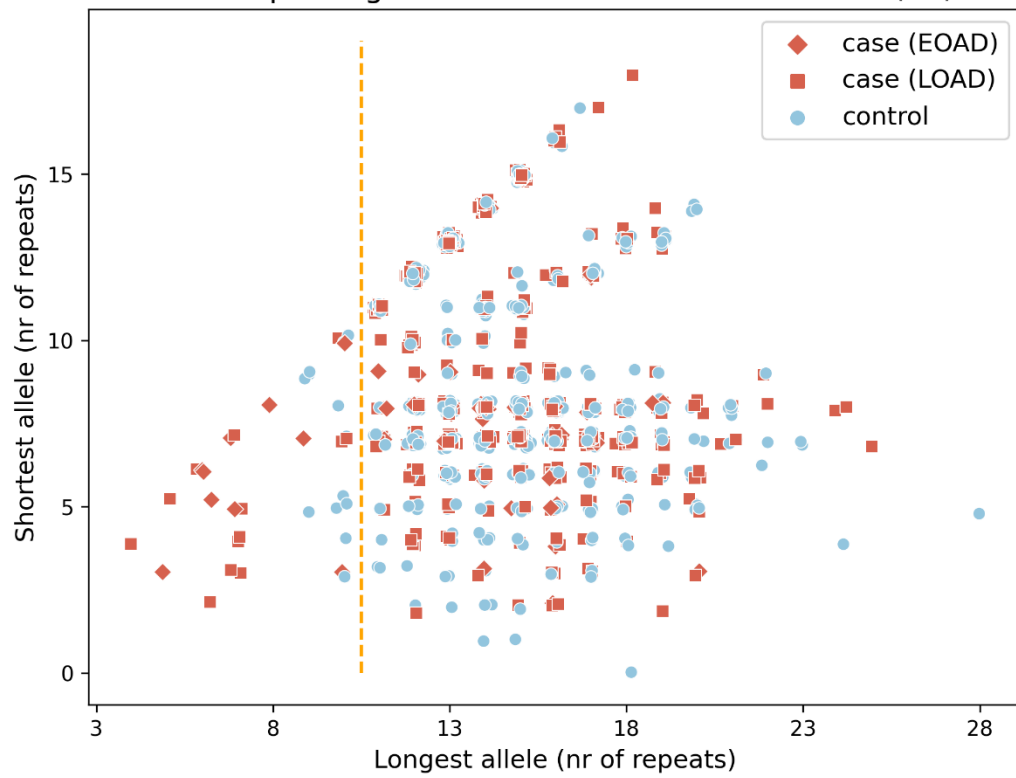
### RNA expression from GTEx



Supplementary Figure 4h: The snpXplorer plots for the RASA3 gene.

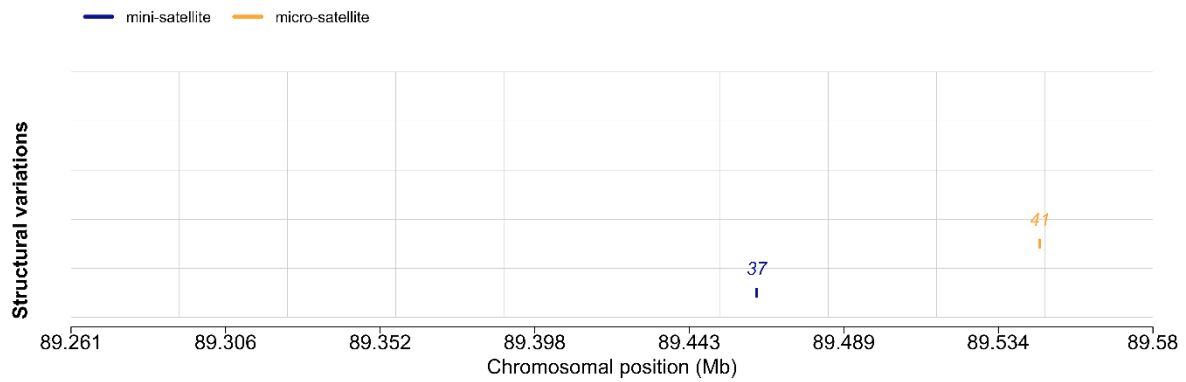
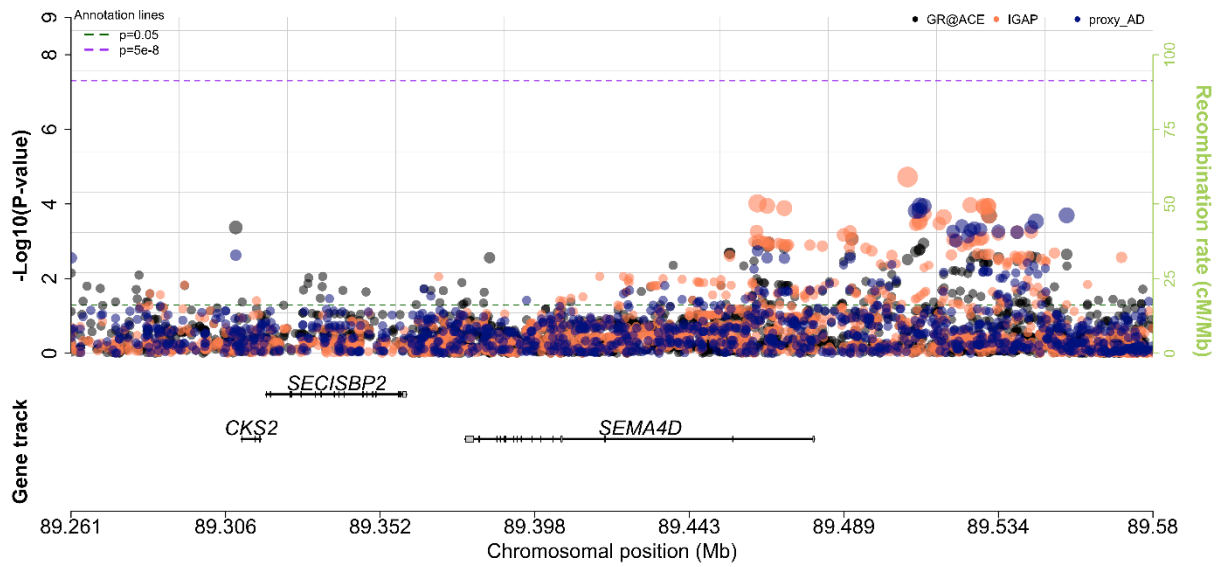


VNTR in the SEMA4D gene  
with repeating motif AGCGAGCGAGGGGAGGGG (18)

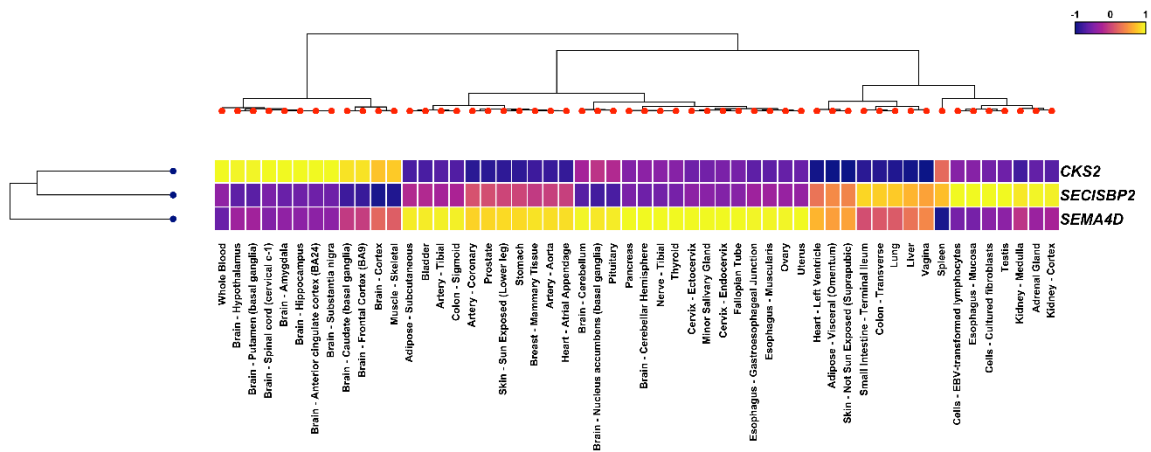


Supplementary Figure 4i: Diploid number of repeats for AD Cases and controls in a contracted VNTR in the SEMA4D gene. The outlier boundary is shown as a dashed line.

### Multiplot ~ SEMA4D ~ chr9



### RNA expression from GTEx



Supplementary Figure 4j: The snpXplorer plots for the SEMA4D gene.