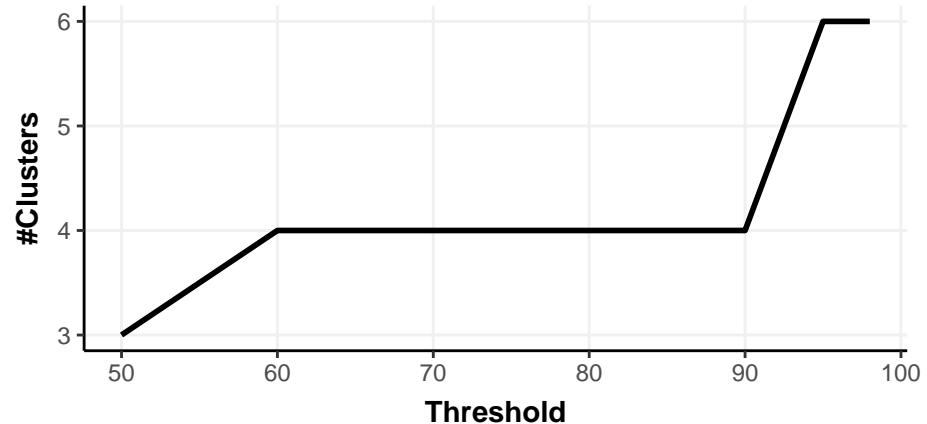
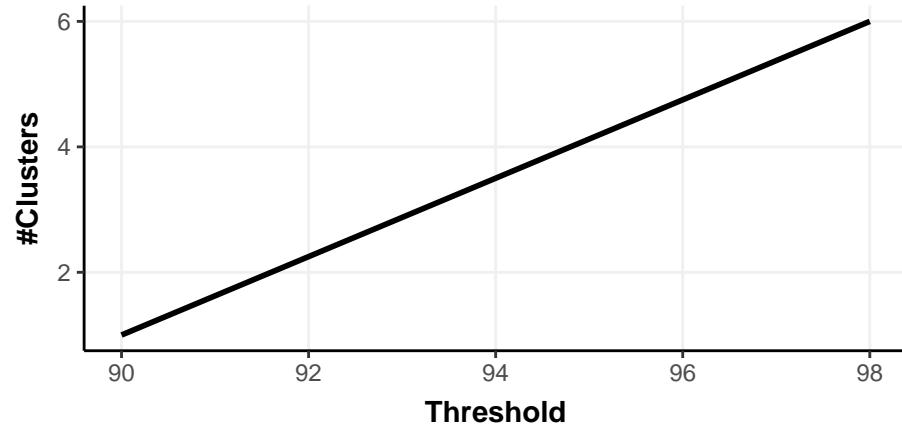


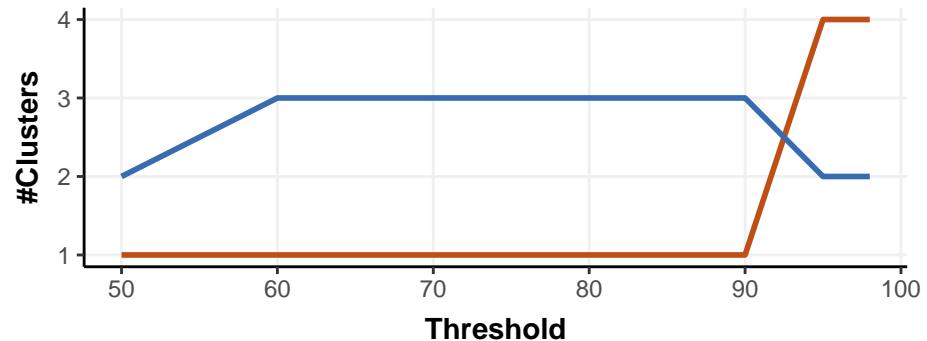
### Number of Clusters per Threshold



### Unique alleles per threshold

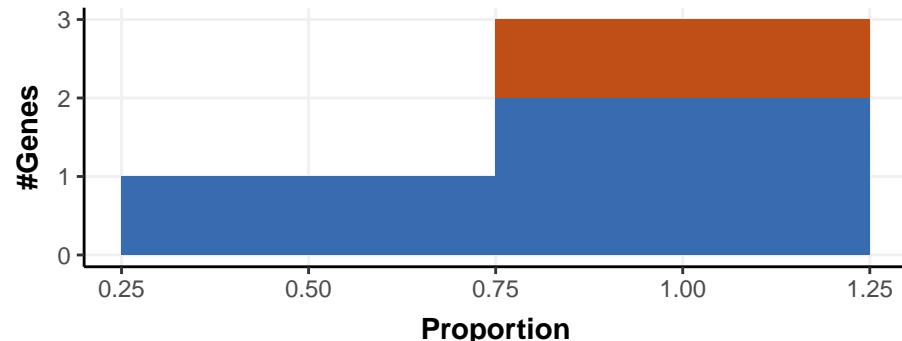


### Core(>95%) versus accessory(<95%) alleles per threshold



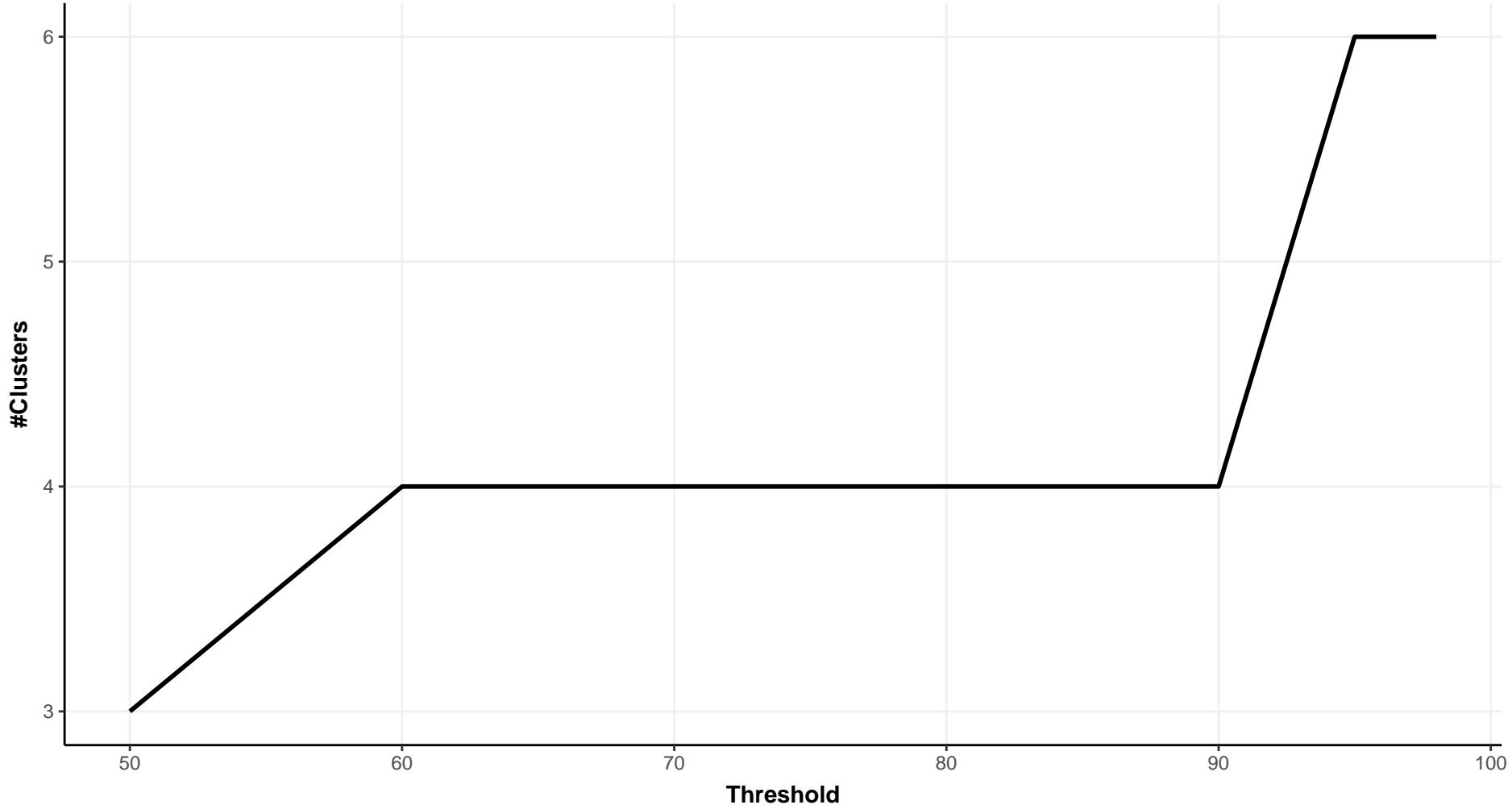
— Accessory — Core

### Frequency of gene presence/absence

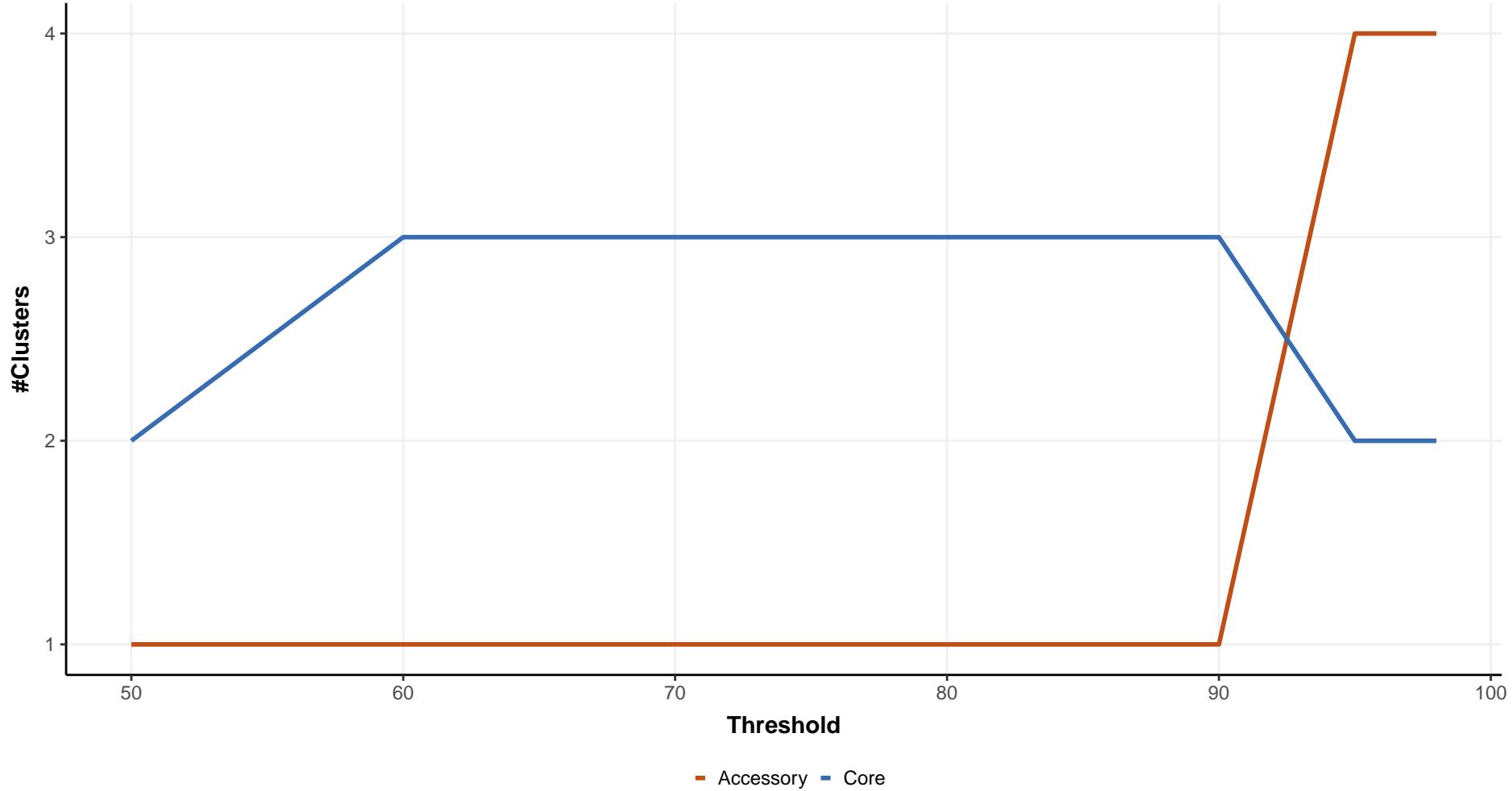


Family Type ■ Diverged ■ Stable

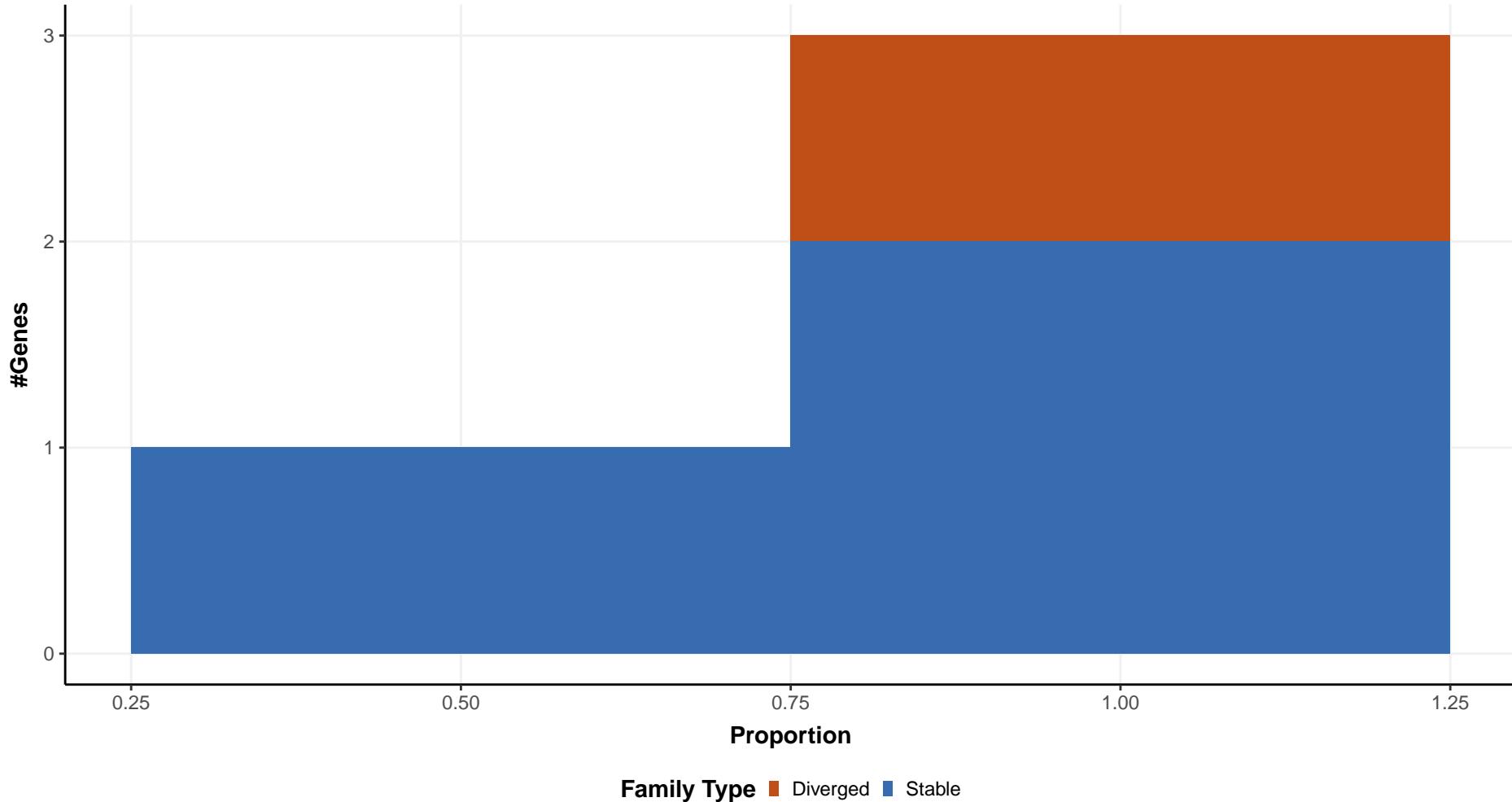
## Number of Clusters per Threshold



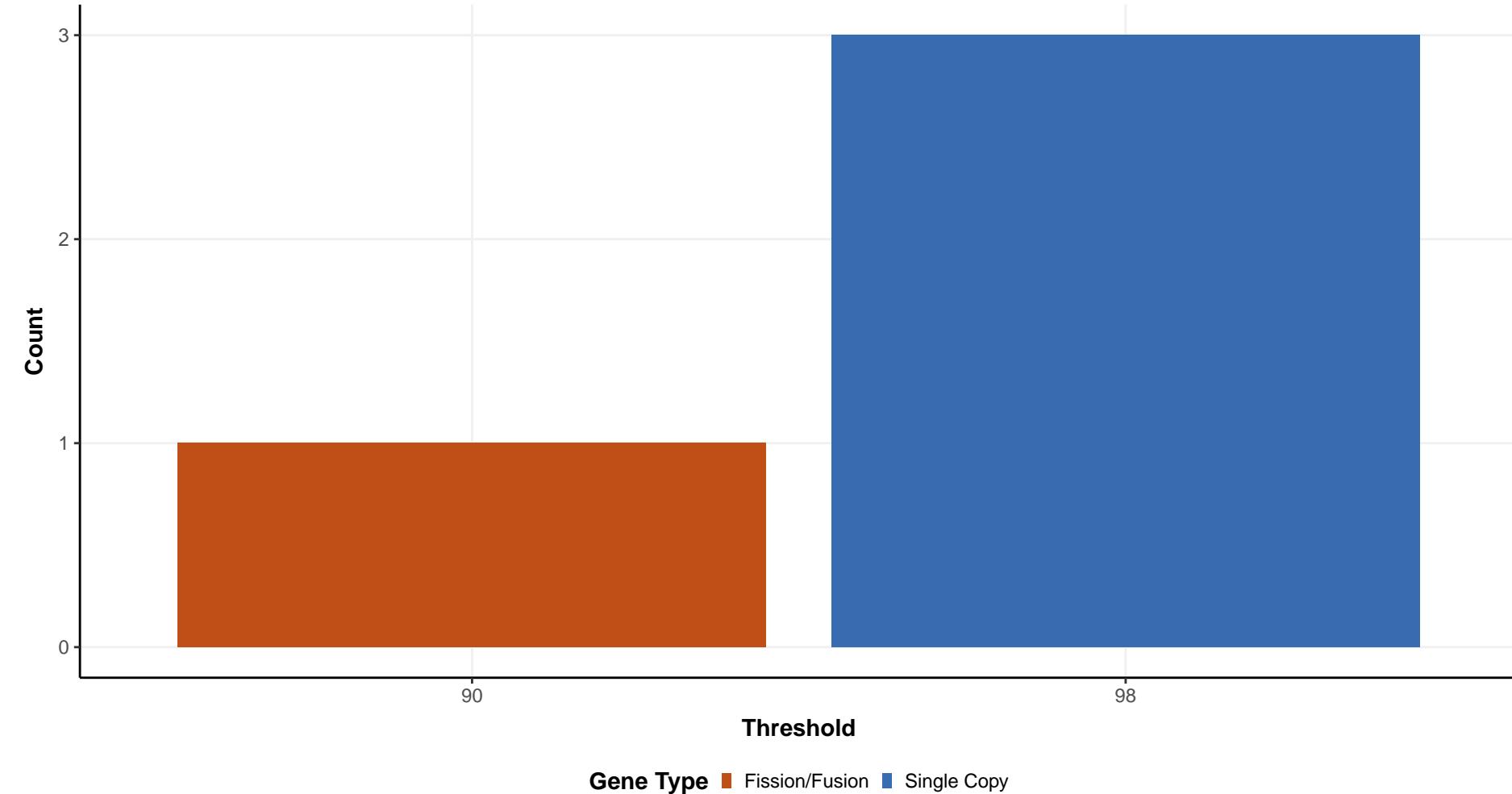
### Core(>95%) versus accessory(<95%) alleles per threshold



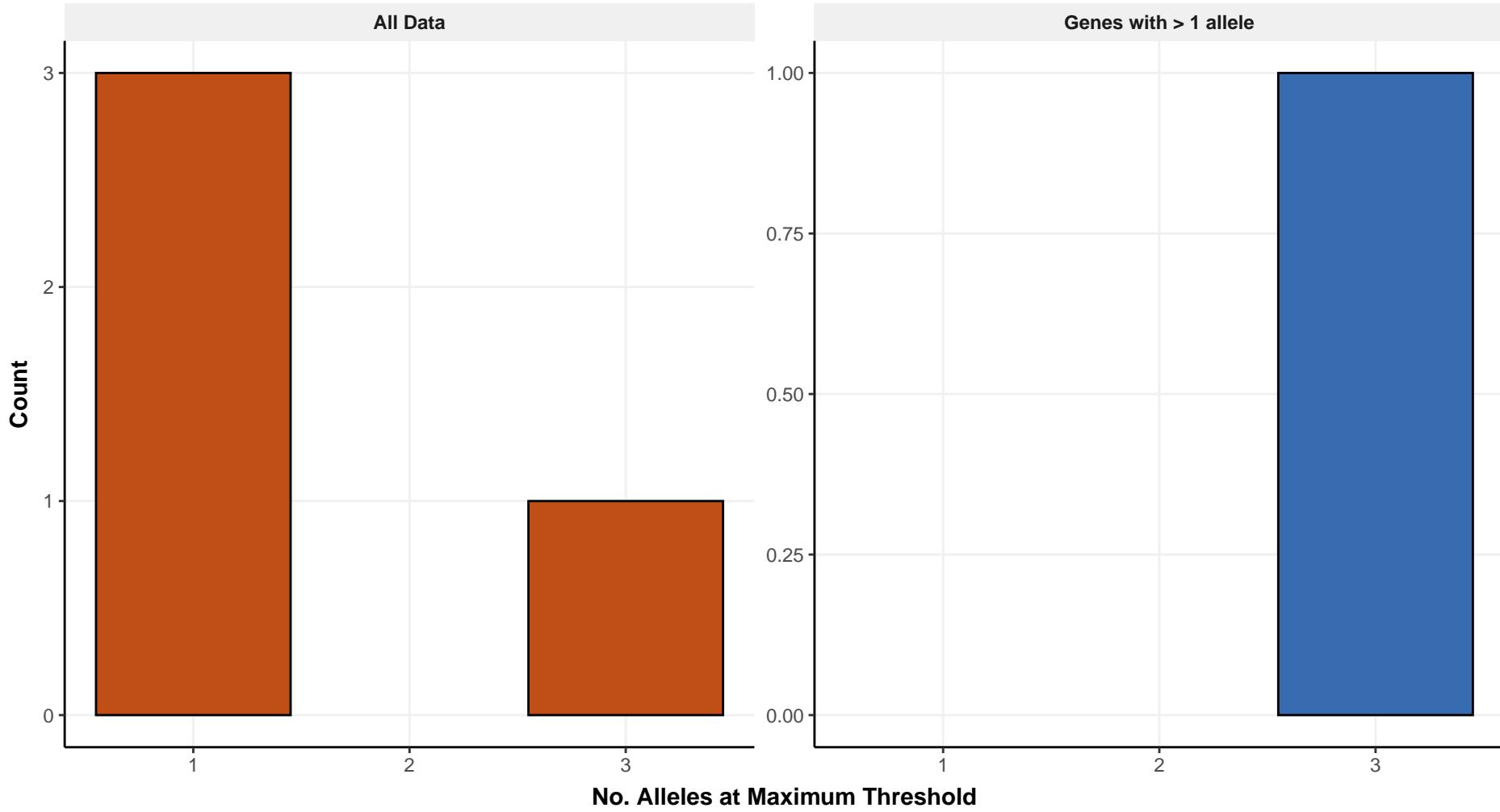
### Frequency of gene presence/absence



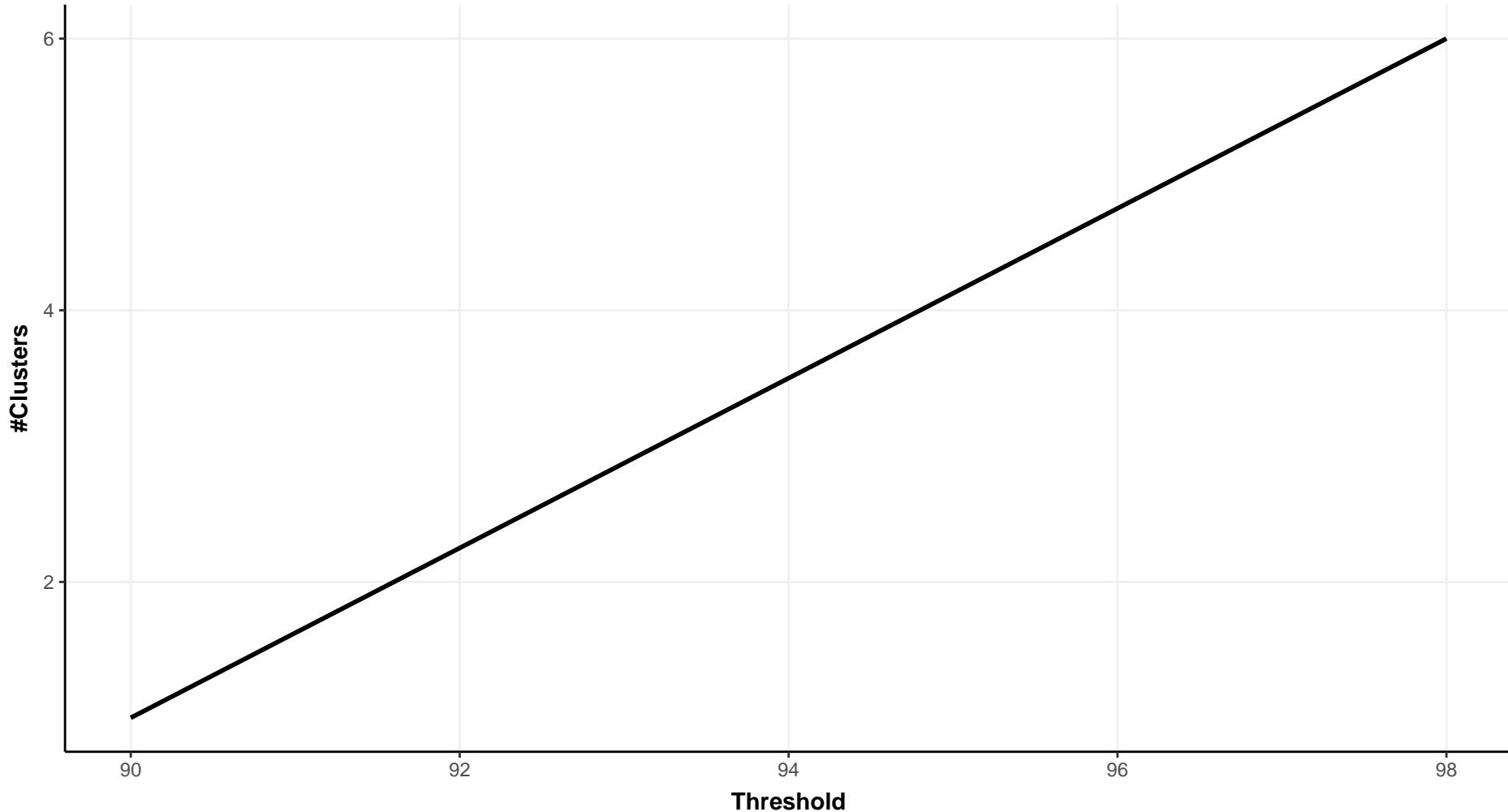
### Percentage identity of gene family at lowest threshold



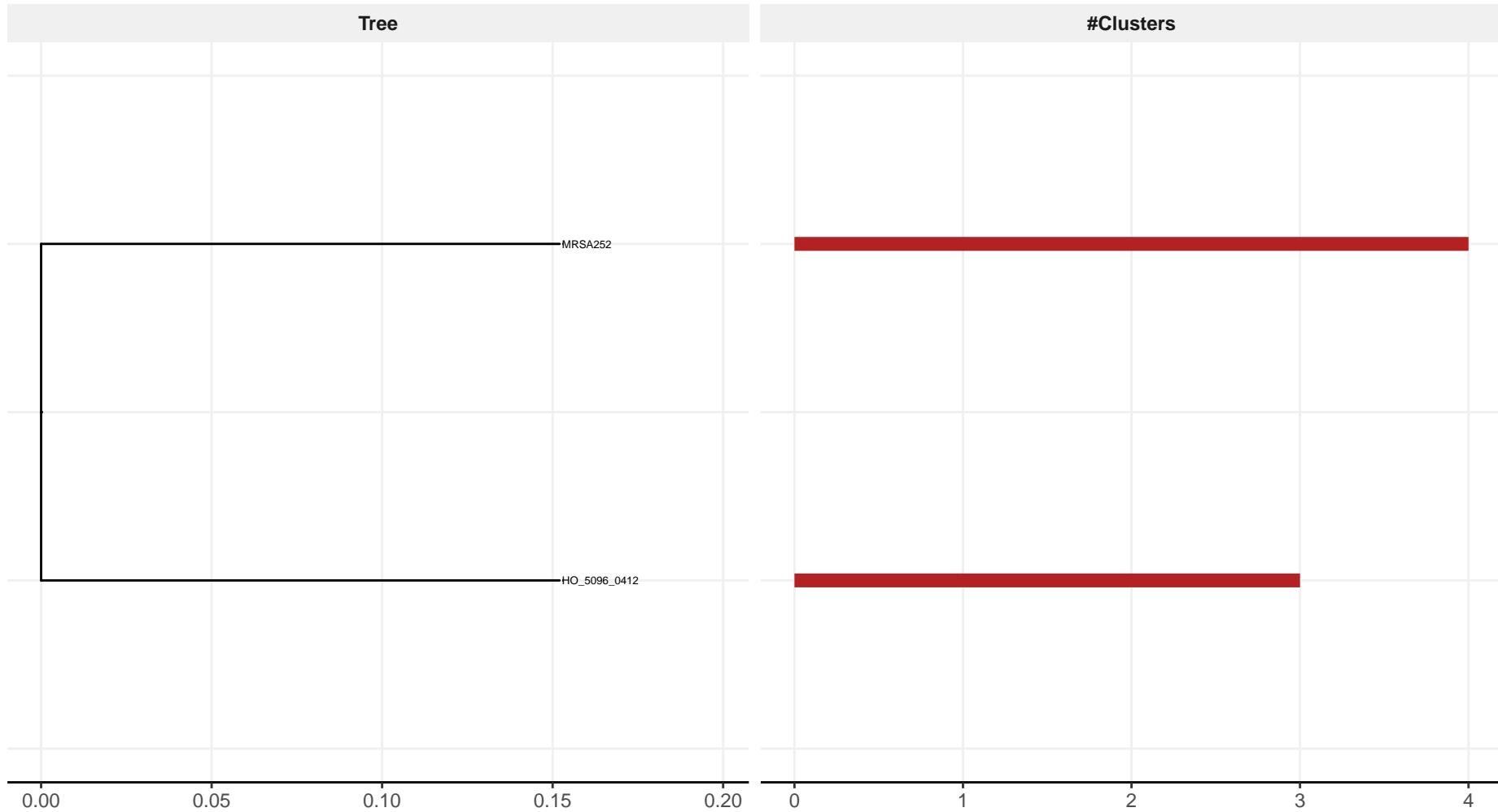
### Number of alleles at maximum %ID threshold



### Unique alleles per threshold



## Number of gene families per sample



# Pangenome cluster presence/absence

