



**Residualized Expression**



Afr  
Age  
mitoRate  
overallMapRate  
RIN  
rRNA\_rate  
Sex  
snpPC2  
snpPC3  
totalAssignedGene  
qSV1  
qSV2  
qSV3  
qSV4  
qSV5  
qSV6  
qSV7  
qSV8  
qSV9

**Covariate**