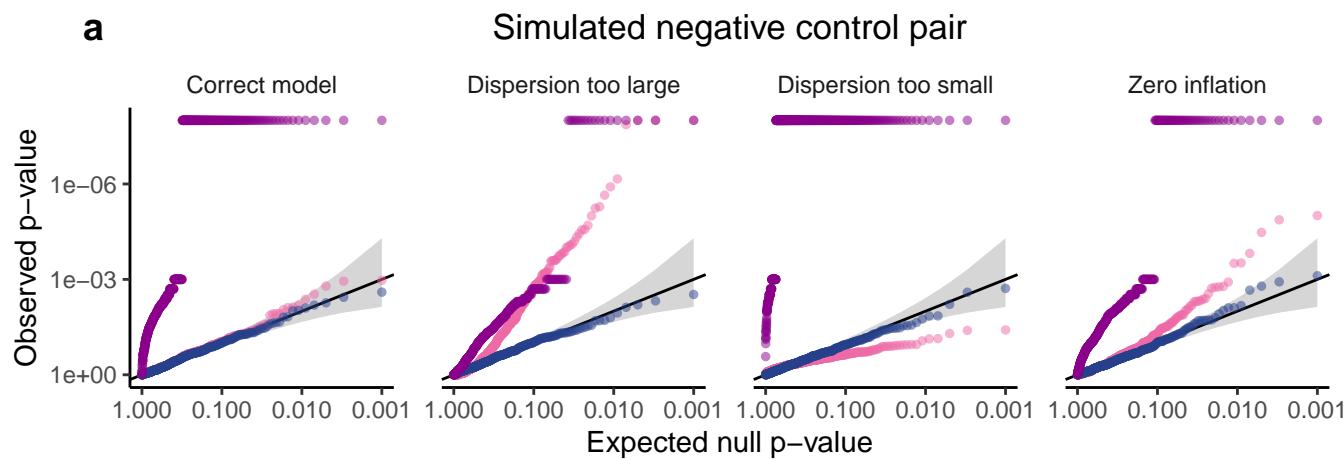
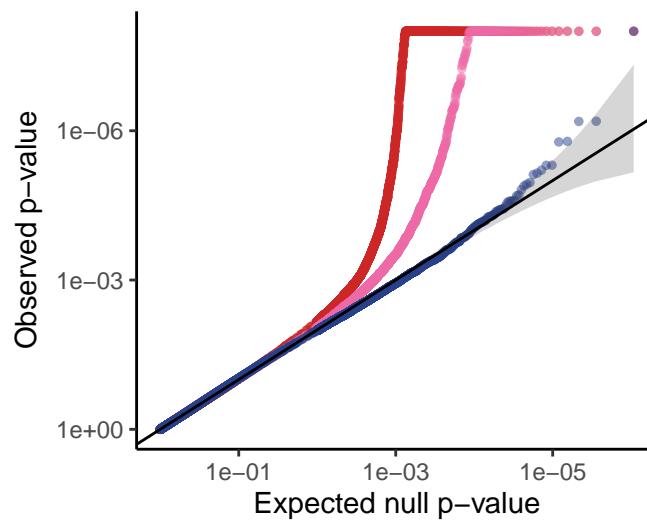


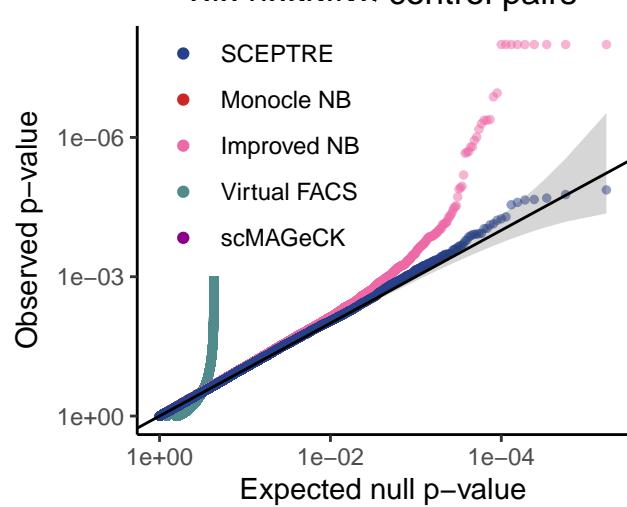
# Simulated negative control pair



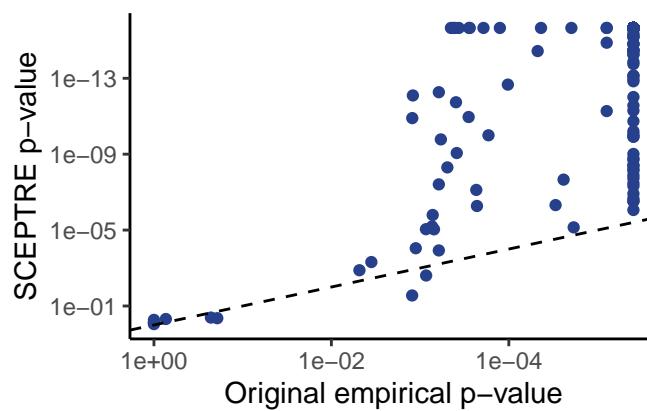
## b Gasperini negative control pairs



## c Xie negative control pairs



## d Gasperini positive control pairs



## e Xie bulk RNA-seq validation

