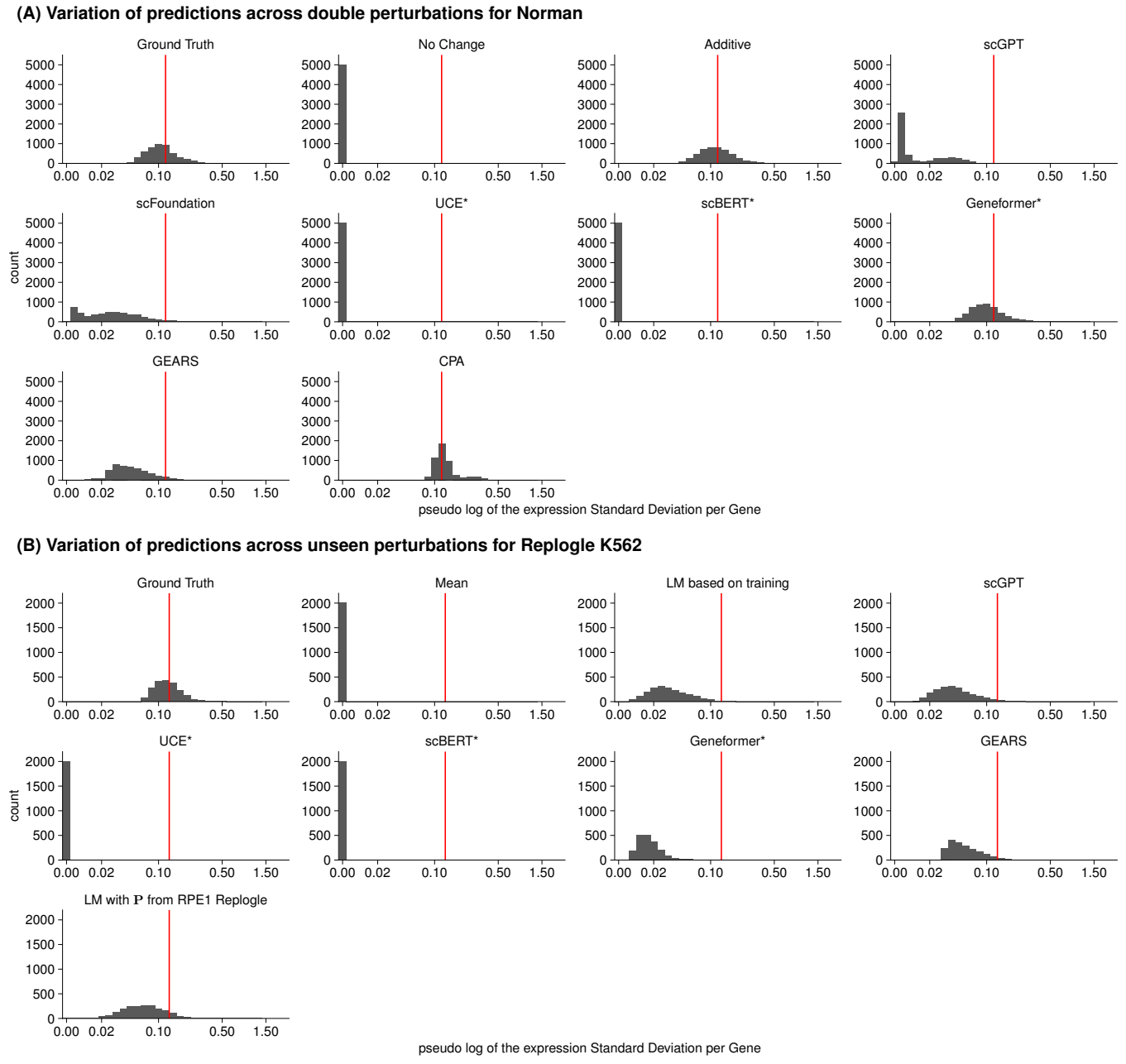
(A) Variation of predictions across double perturbations for Norman
Ground Truth
No Change
Additive
scGPT
scFoundation
UCE*
scBERT*
Geneformer*
GEARS
CPA
count
pseudo log of the expression Standard Deviation per Gene
(B) Variation of predictions across unseen perturbations for Replogle K562
Ground Truth
Mean
LM based on training
scGPT
UCE*
scBERT*
Geneformer*
GEARS
LM with P from RPE1 Replogle
count
pseudo log of the expression Standard Deviation per Gene