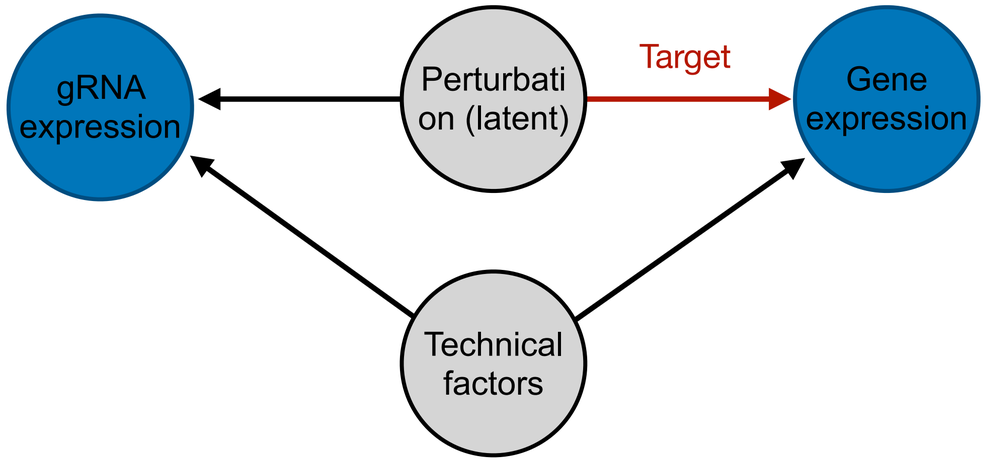
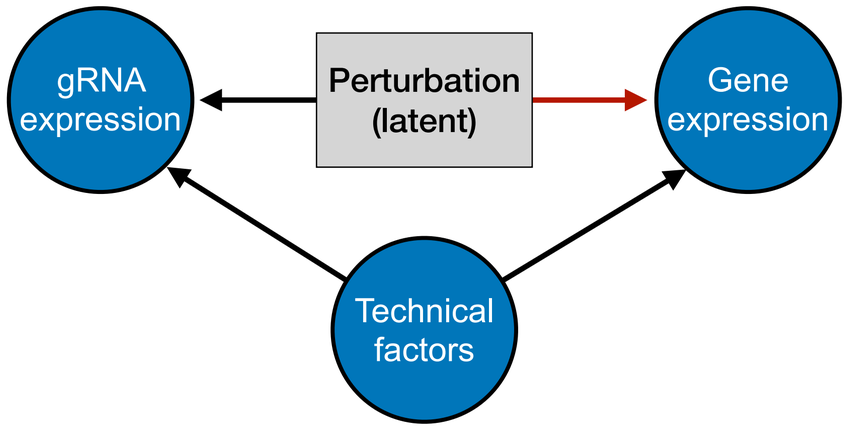
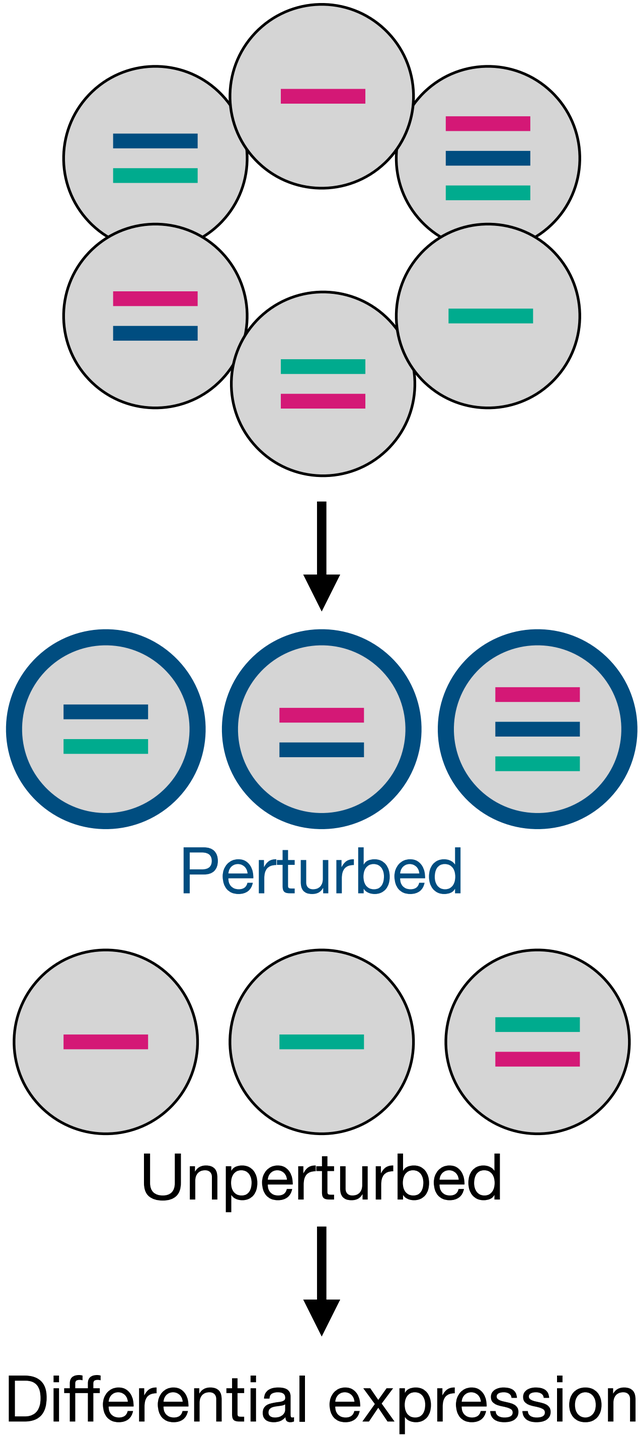
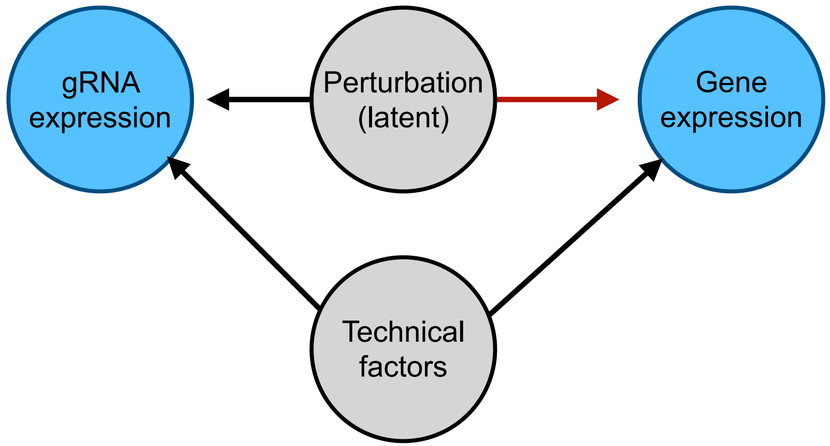
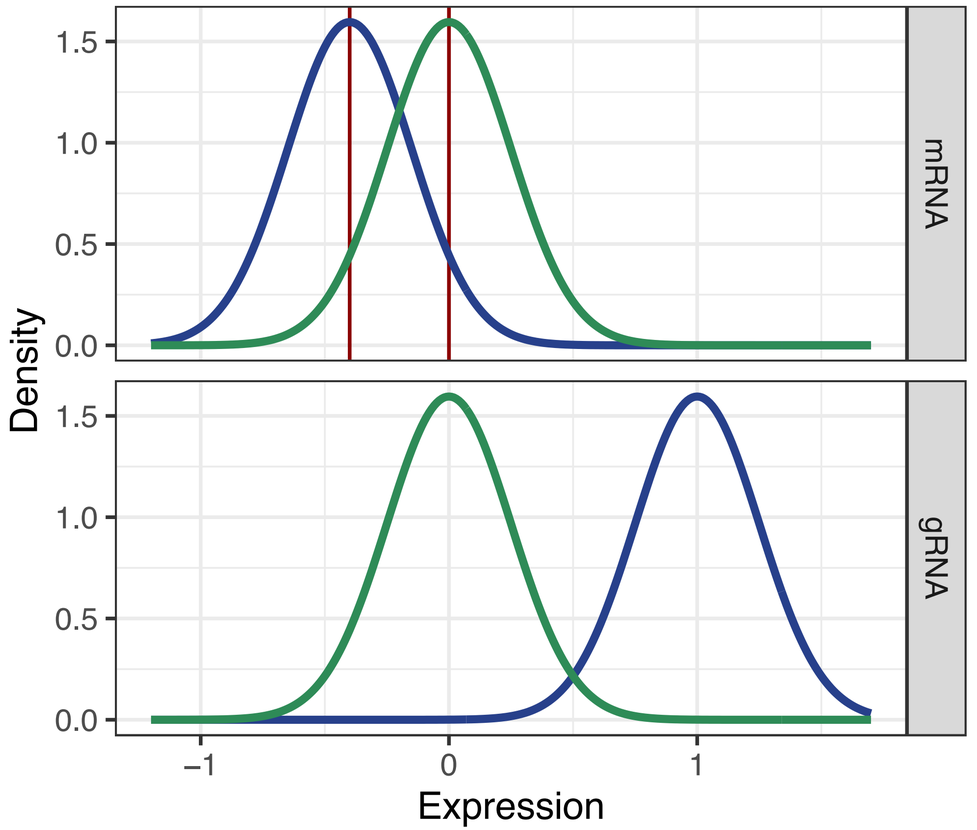
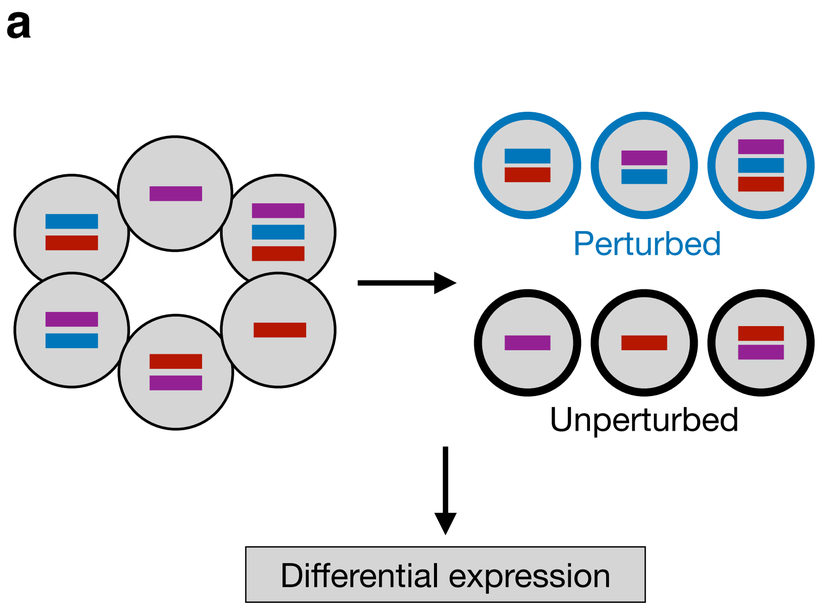

gRNA expression
Perturbati on (latent)
Target
Gene expression
Technical factors

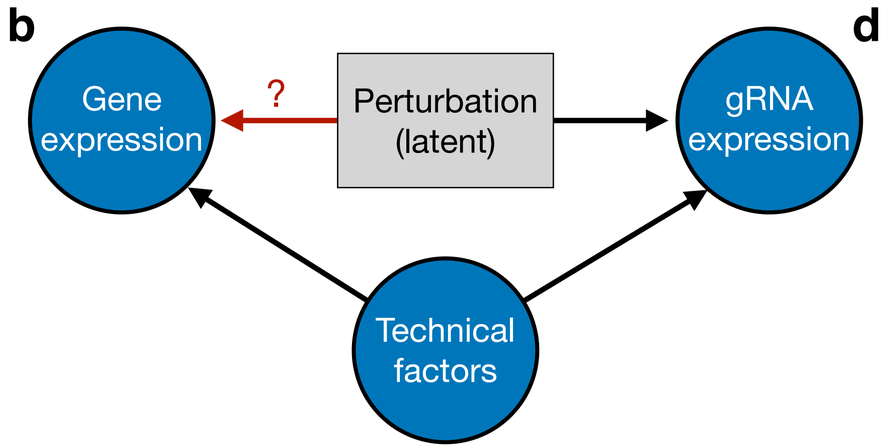

gRNA expression
Perturbation (latent)
Gene expression
Technical factors

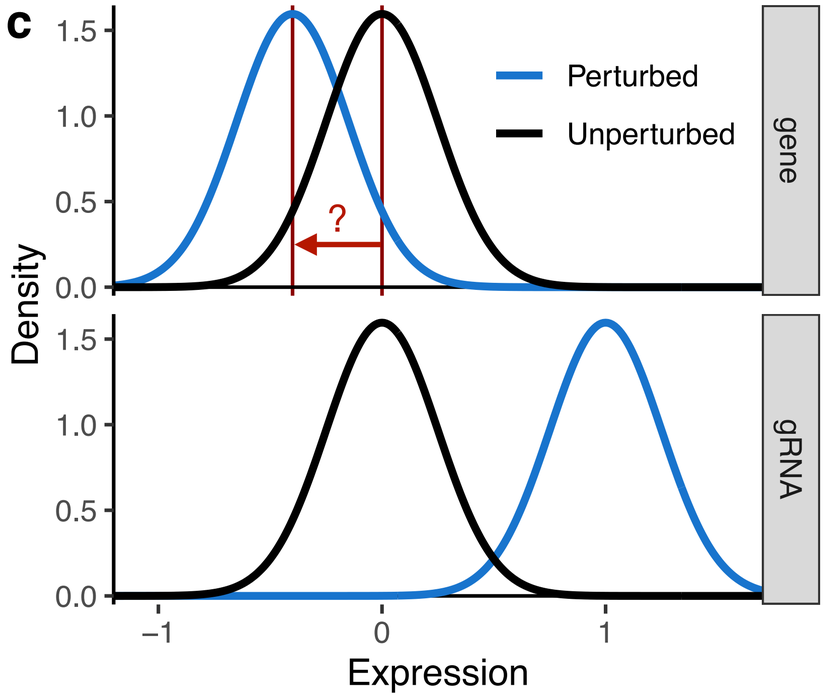

Perturbed
Unperturbed
Differential expression


gRNA expression
Perturbation (latent)
Gene expression
Technical factors


Density
1.5
1.0
0.5
0.0
mRNA
gRNA
−1
0
1
Expression

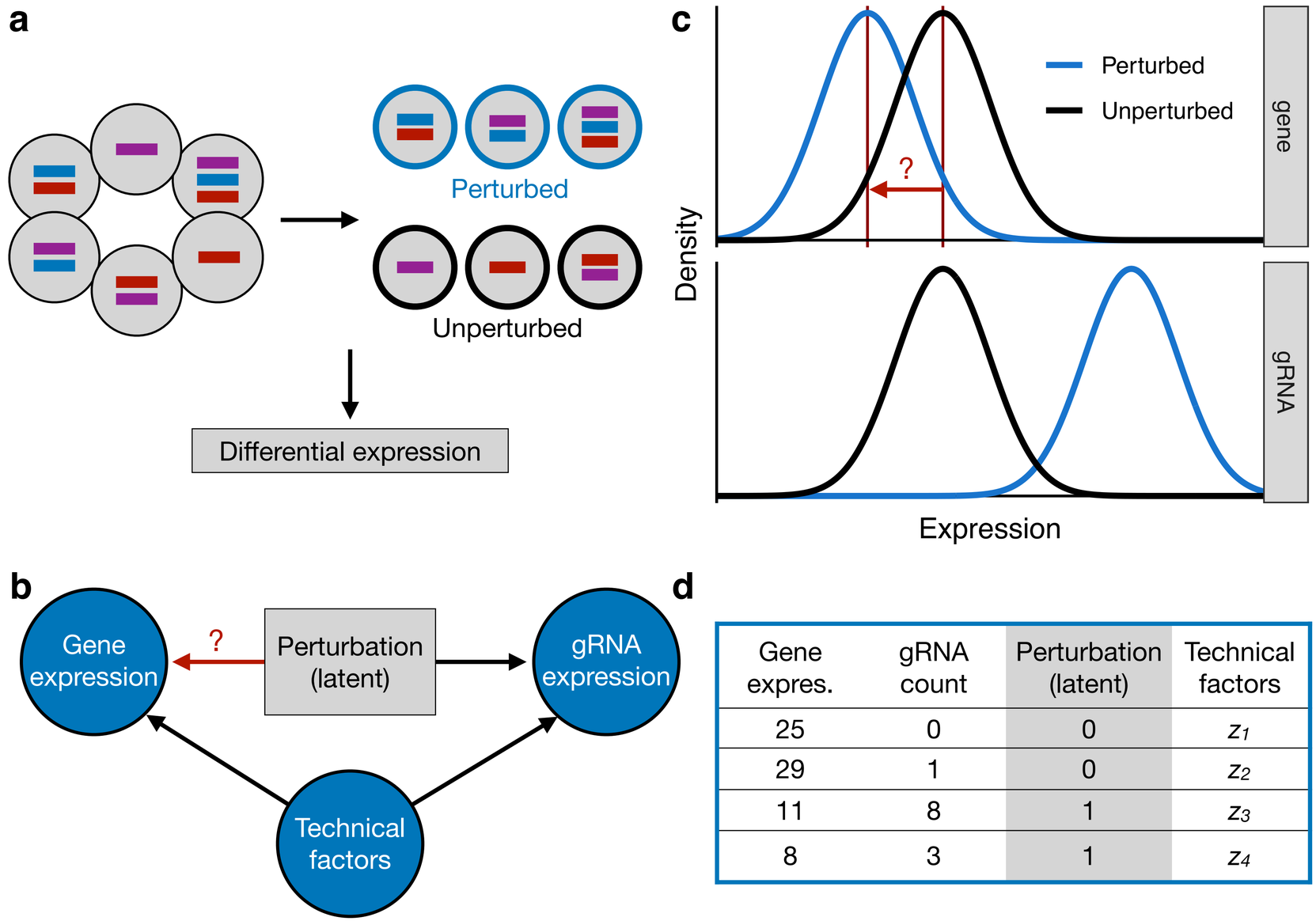






d

Gene expres.	gRNA count	Perturbation (latent)	Technical factors
25	0	0	z_1
29	1	0	z_2
11	8	1	z_3
8	3	1	z_4



Gene expres.	gRNA count	Perturbation (latent)	Technical factors
25	0	0	z_1
29	1	0	z_2
11	8	1	z_3
8	3	1	z_4