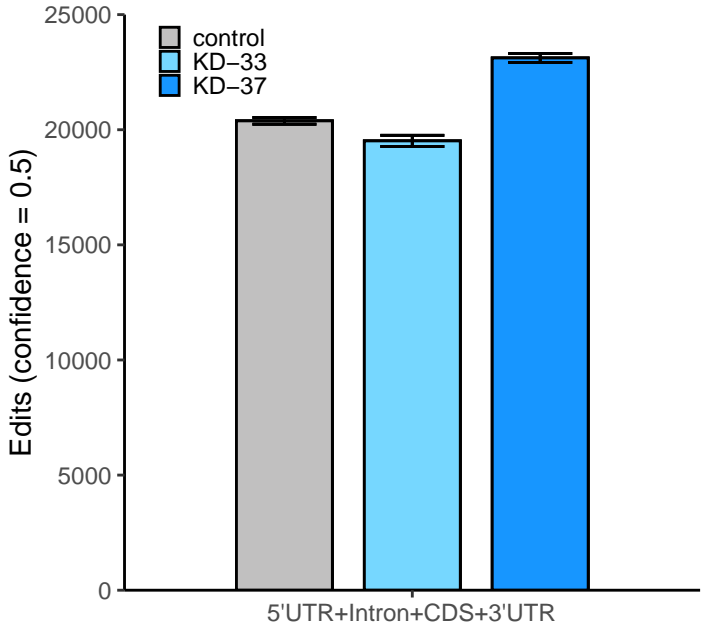


When combine  
different  
biotype together,  
no significant

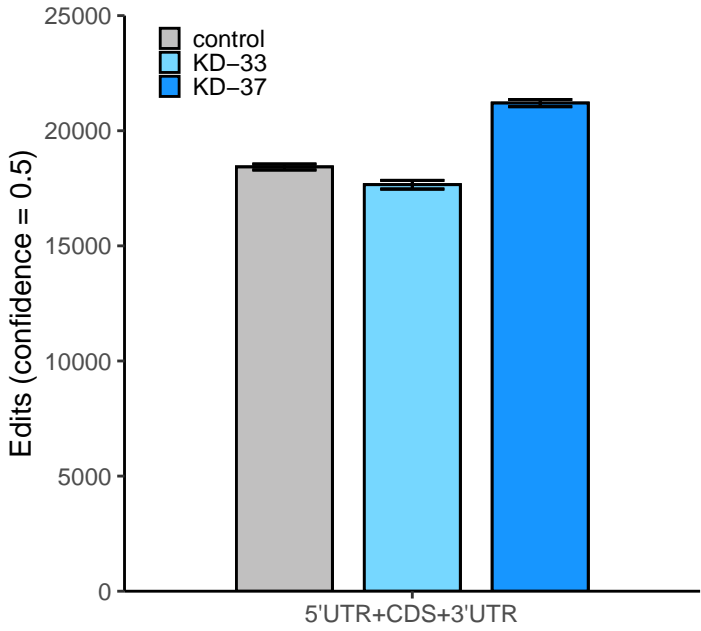
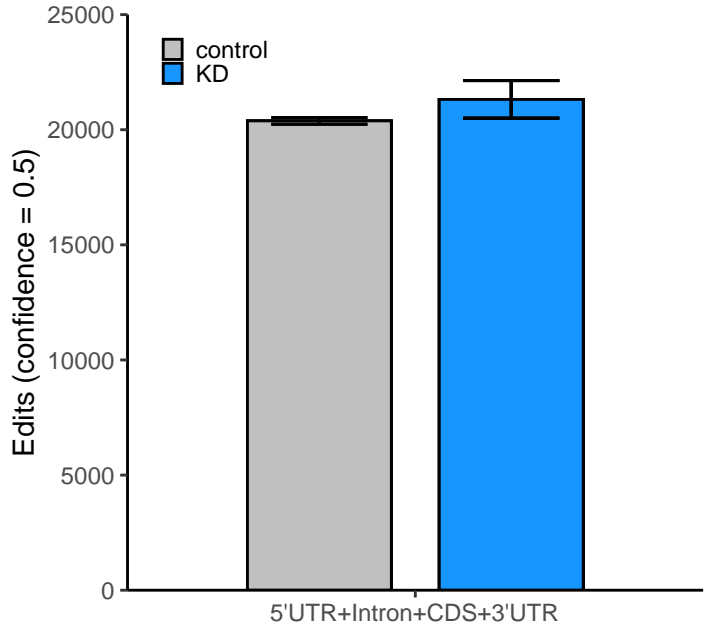


Step03.biotype4\_3group\_totalEdit.xlsx

sample_group	biotype4	nsites_sum	mean_nsites	se
SCR	5'UTR+Intron+CDS+3'UTR	20308	20385	145.204454
SCR	5'UTR+Intron+CDS+3'UTR	20666	20385	145.204454
SCR	5'UTR+Intron+CDS+3'UTR	20181	20385	145.204454
shRNA33	5'UTR+Intron+CDS+3'UTR	19961	19514.6667	241.862449
shRNA33	5'UTR+Intron+CDS+3'UTR	19130	19514.6667	241.862449
shRNA33	5'UTR+Intron+CDS+3'UTR	19453	19514.6667	241.862449
shRNA37	5'UTR+Intron+CDS+3'UTR	23053	23117.3333	194.075873
shRNA37	5'UTR+Intron+CDS+3'UTR	22818	23117.3333	194.075873
shRNA37	5'UTR+Intron+CDS+3'UTR	23481	23117.3333	194.075873

Step03.biotype4\_2group\_totalEdit.xlsx

sample_group	biotype4	nsites_sum	mean_nsites	se
SCR	5'UTR+Intron+CDS+3'UTR	20308	20385	145.204454
SCR	5'UTR+Intron+CDS+3'UTR	20666	20385	145.204454
SCR	5'UTR+Intron+CDS+3'UTR	20181	20385	145.204454
shRNA	5'UTR+Intron+CDS+3'UTR	19961	21316	817.43069
shRNA	5'UTR+Intron+CDS+3'UTR	19130	21316	817.43069
shRNA	5'UTR+Intron+CDS+3'UTR	19453	21316	817.43069
shRNA	5'UTR+Intron+CDS+3'UTR	23053	21316	817.43069
shRNA	5'UTR+Intron+CDS+3'UTR	22818	21316	817.43069
shRNA	5'UTR+Intron+CDS+3'UTR	23481	21316	817.43069

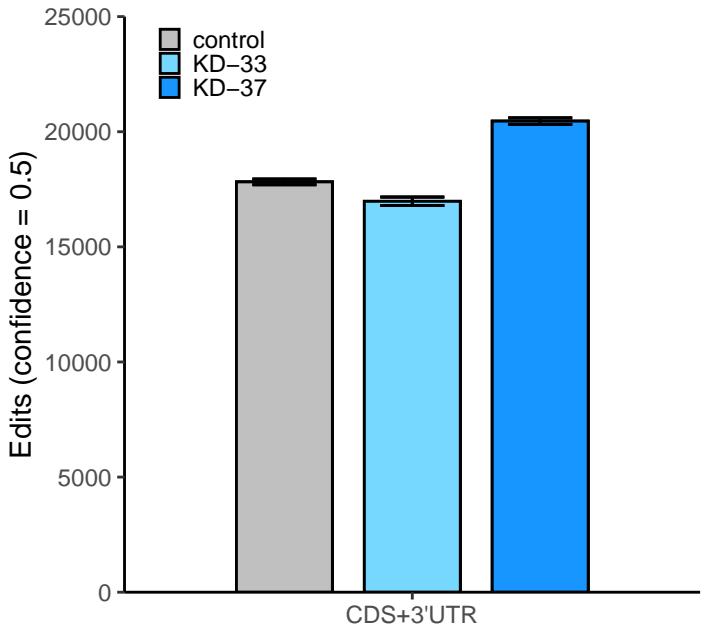
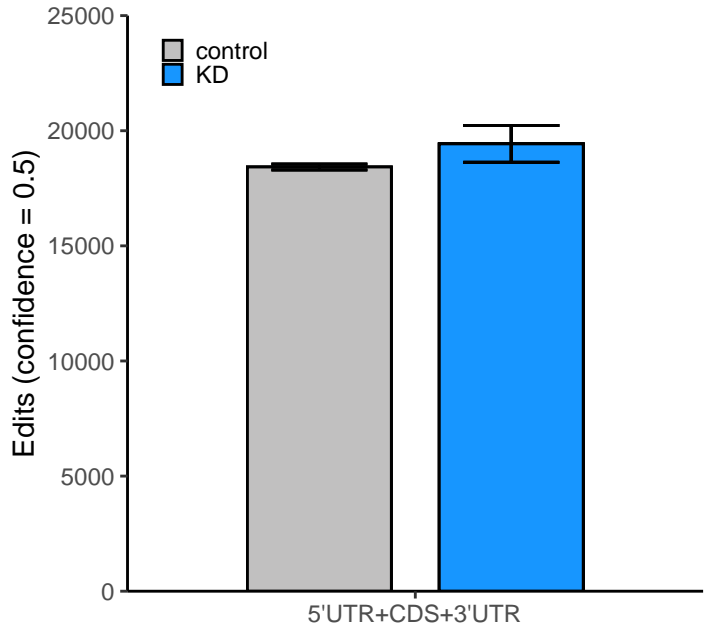


Step03.biotype3\_3group\_totalEdit.xlsx

sample_group	biotype3	nsites_sum	mean_nsites	se
SCR	5'UTR+CDS+3'UTR	18308	18424.6667	127.824533
SCR	5'UTR+CDS+3'UTR	18680	18424.6667	127.824533
SCR	5'UTR+CDS+3'UTR	18286	18424.6667	127.824533
shRNA33	5'UTR+CDS+3'UTR	18012	17655.6667	188.858265
shRNA33	5'UTR+CDS+3'UTR	17369	17655.6667	188.858265
shRNA33	5'UTR+CDS+3'UTR	17586	17655.6667	188.858265
shRNA37	5'UTR+CDS+3'UTR	21167	21200	156.468314
shRNA37	5'UTR+CDS+3'UTR	20947	21200	156.468314
shRNA37	5'UTR+CDS+3'UTR	21486	21200	156.468314

Step03.biotype2\_2group\_totalEdit.xlsx

sample_group	biotype3	nsites_sum	mean_nsites	se
SCR	5'UTR+CDS+3'UTR	18308	18424.6667	127.824533
SCR	5'UTR+CDS+3'UTR	18680	18424.6667	127.824533
SCR	5'UTR+CDS+3'UTR	18286	18424.6667	127.824533
shRNA	5'UTR+CDS+3'UTR	18012	19427.8333	800.090554
shRNA	5'UTR+CDS+3'UTR	17369	19427.8333	800.090554
shRNA	5'UTR+CDS+3'UTR	17586	19427.8333	800.090554
shRNA	5'UTR+CDS+3'UTR	21167	19427.8333	800.090554
shRNA	5'UTR+CDS+3'UTR	20947	19427.8333	800.090554
shRNA	5'UTR+CDS+3'UTR	21486	19427.8333	800.090554



Step03.biotype2\_3group\_totalEdit.xlsx

sample_group	biotype2	nsites_sum	mean_nsites	se
SCR	CDS+3'UTR	17734	17820.6667	123.87404
SCR	CDS+3'UTR	18065	17820.6667	123.87404
SCR	CDS+3'UTR	17663	17820.6667	123.87404
shRNA33	CDS+3'UTR	17328	16977.6667	184.893062
shRNA33	CDS+3'UTR	16700	16977.6667	184.893062
shRNA33	CDS+3'UTR	16905	16977.6667	184.893062
shRNA37	CDS+3'UTR	20390	20460	141.237389
shRNA37	CDS+3'UTR	20258	20460	141.237389
shRNA37	CDS+3'UTR	20732	20460	141.237389

Step03.biotype2\_2group\_totalEdit.xlsx

sample_group	biotype2	nsites_sum	mean_nsites	se
SCR	CDS+3'UTR	17734	17820.6667	123.87404
SCR	CDS+3'UTR	18065	17820.6667	123.87404
SCR	CDS+3'UTR	17663	17820.6667	123.87404
shRNA	CDS+3'UTR	17328	18718.8333	785.594654
shRNA	CDS+3'UTR	16700	18718.8333	785.594654
shRNA	CDS+3'UTR	16905	18718.8333	785.594654
shRNA	CDS+3'UTR	20390	18718.8333	785.594654
shRNA	CDS+3'UTR	20258	18718.8333	785.594654
shRNA	CDS+3'UTR	20732	18718.8333	785.594654

