

Figure 1

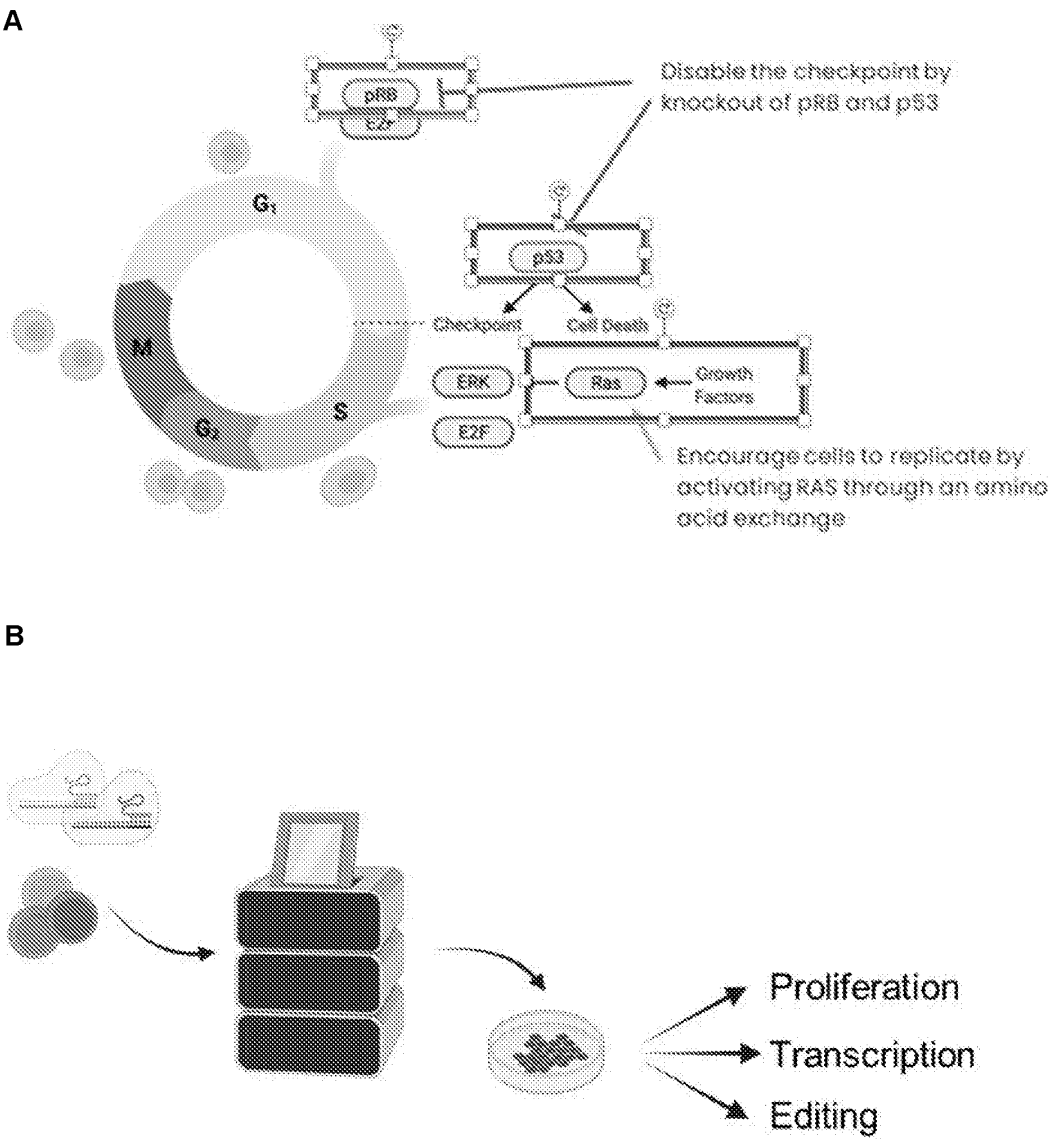
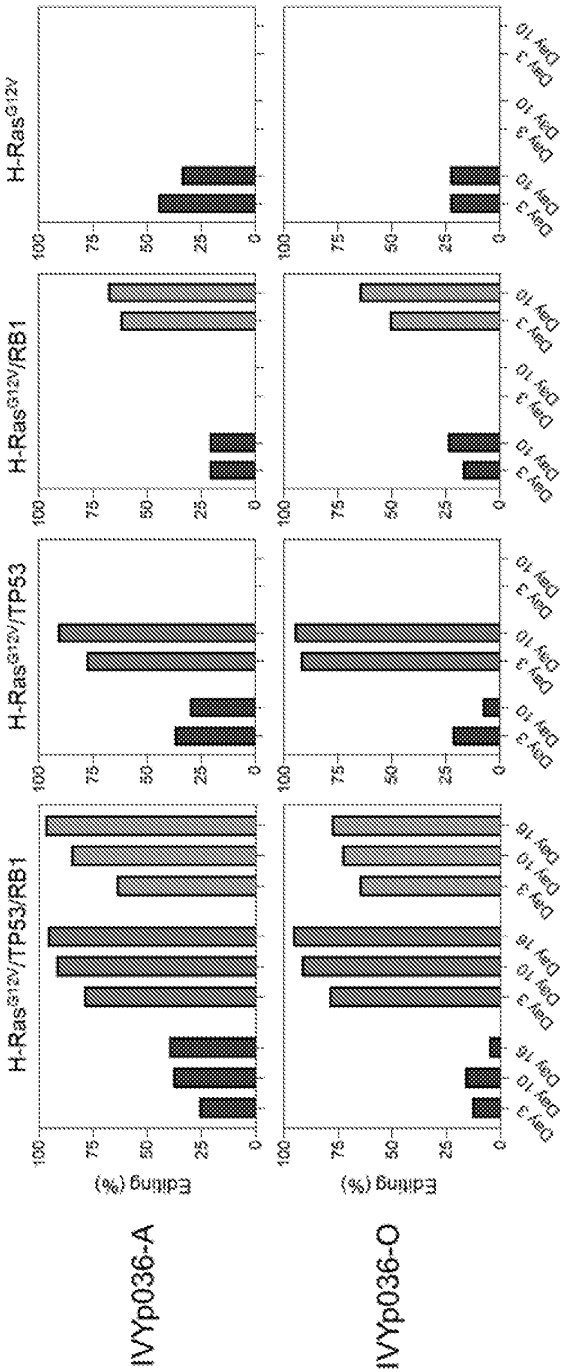


Figure 2

Parental cell line	CRISPR target(s)	Cell line ID
IFp036-A	H-RasG12V (+/-)	IFp036-A-24-A
IFp036-A	H-RasG12V (+/-), p53 (-/-)	IFp036-A-25-A
IFp036-A	H-RasG12V (+/-), pRb (-/-)	IFp036-A-26-A
IFp036-A	H-RasG12V (+/-), p53 (-/-), pRb (-/-)	IFp036-A-27-A
IFp036-O	H-RasG12V (+/-)	IFp036-O-28-A
IFp036-O	H-RasG12V (+/-), p53 (-/-)	IFp036-O-29-A
IFp036-O	H-RasG12V (+/-), pRb (-/-)	IFp036-O-30-A
IFp036-O	H-RasG12V (+/-), p53 (-/-), pRb (-/-)	IFp036-O-31-A
IFp036-AD	H-RasG12V (+/-)	IFp036-AD-36-A
IFp036-AD	H-RasG12V (+/-), p53 (-/-)	IFp036-AD-37-A
IFp036-AD	H-RasG12V (+/-), pRb (-/-)	IFp036-AD-38-A
IFp036-AD	H-RasG12V (+/-), p53 (-/-), pRb (-/-)	IFp036-AD-39-A

Figure 3



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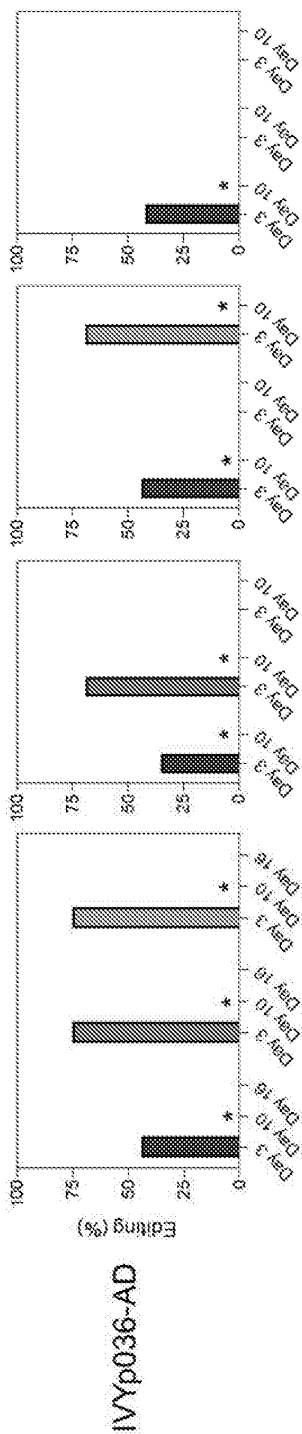
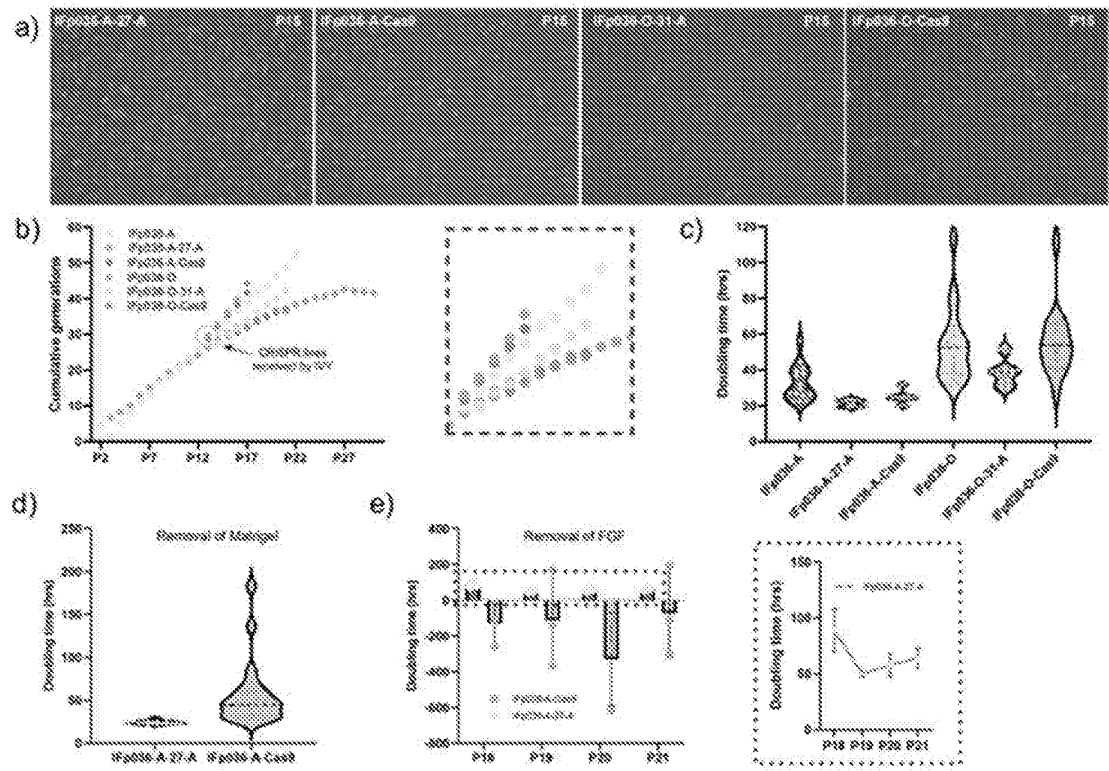


Figure 4

Figure 5



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Figure 6

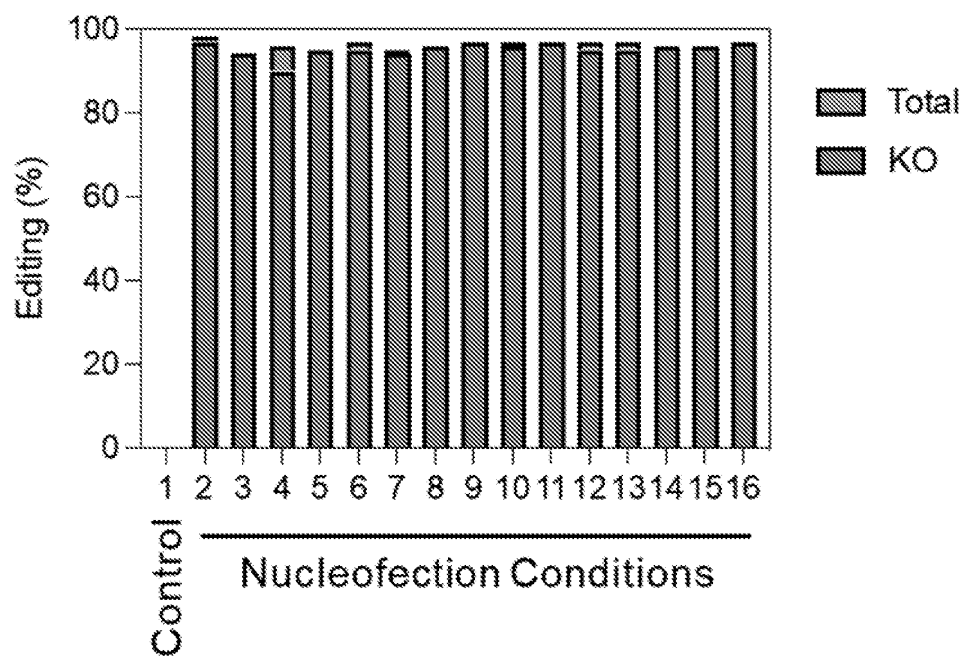
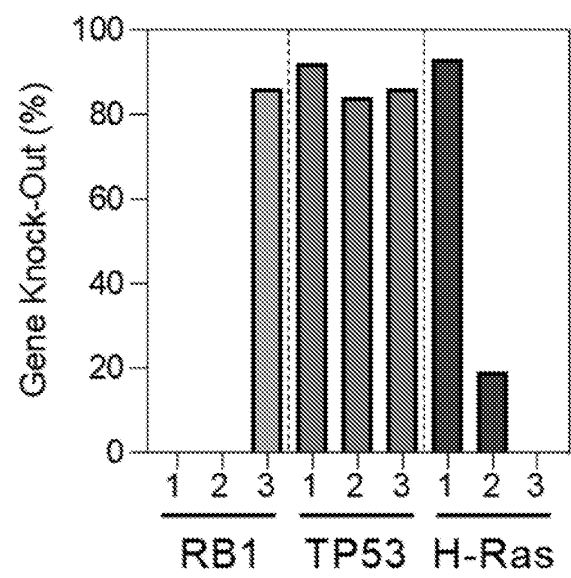


Figure 7

A



B

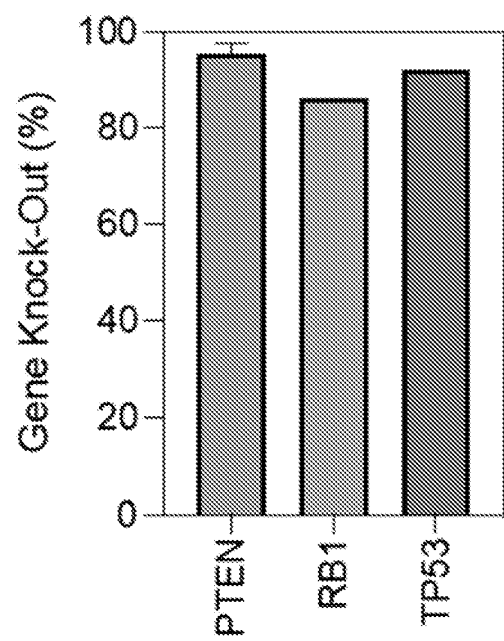


Figure 8

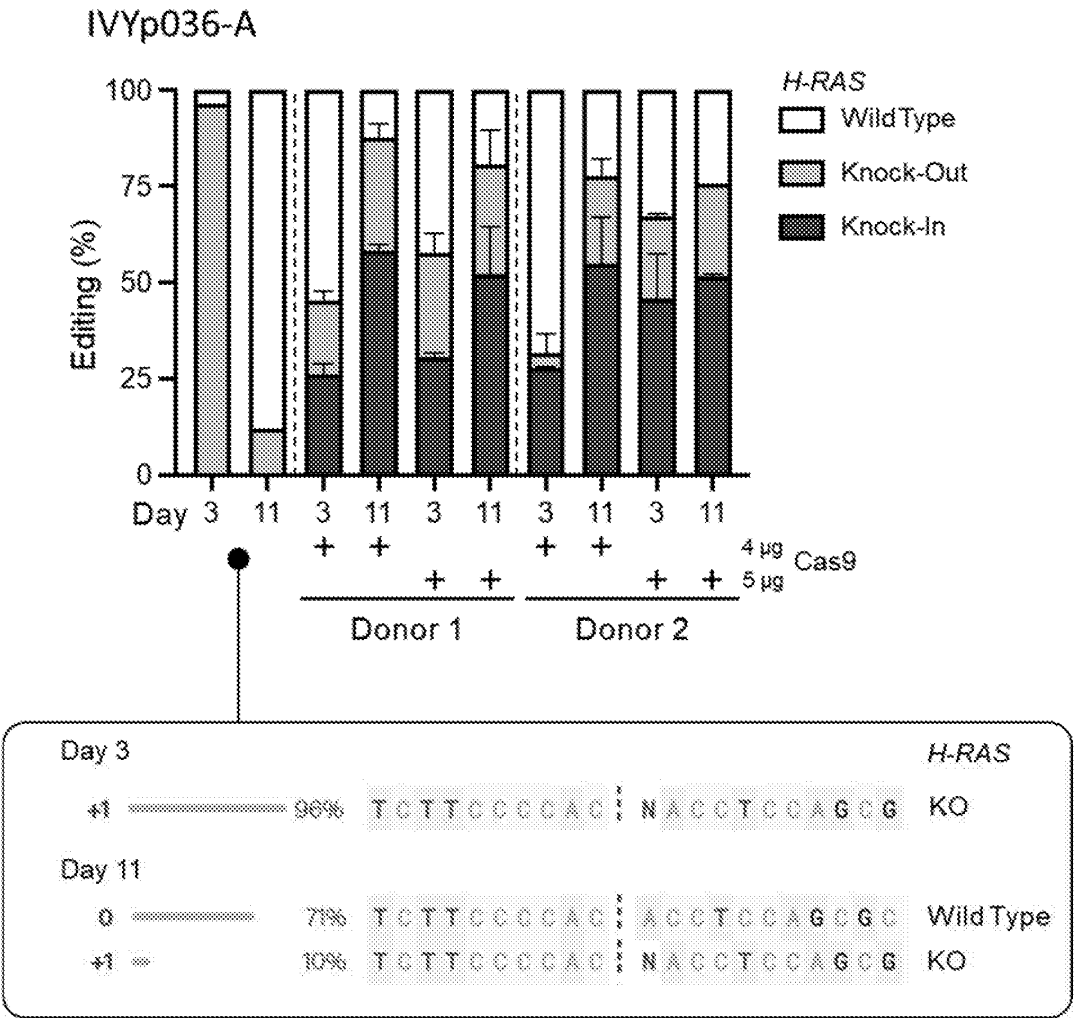
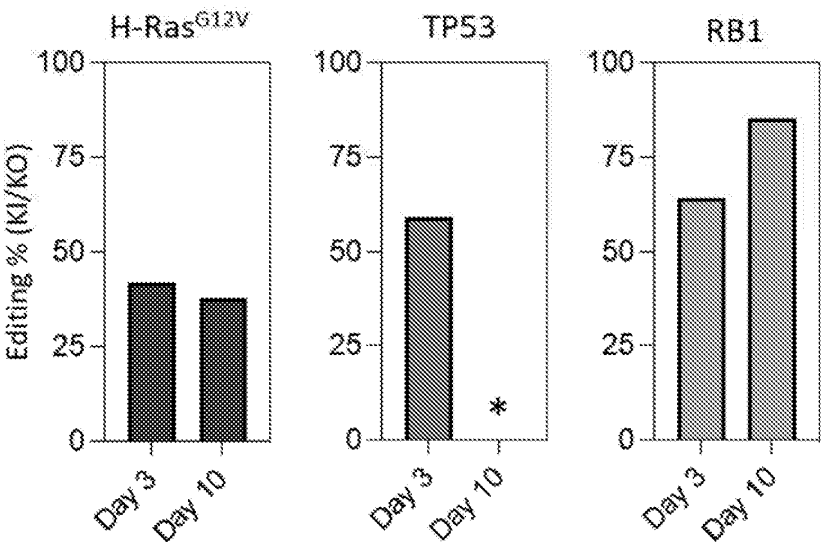


Figure 9

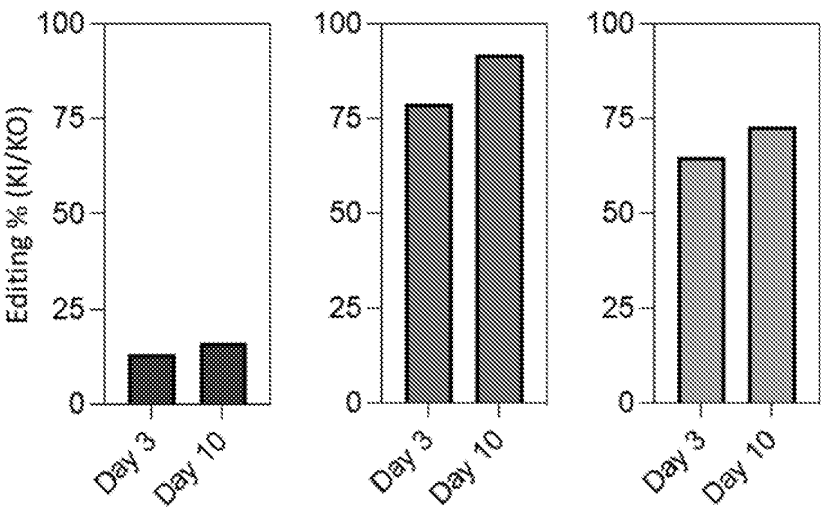
A

IVYp036-A



B

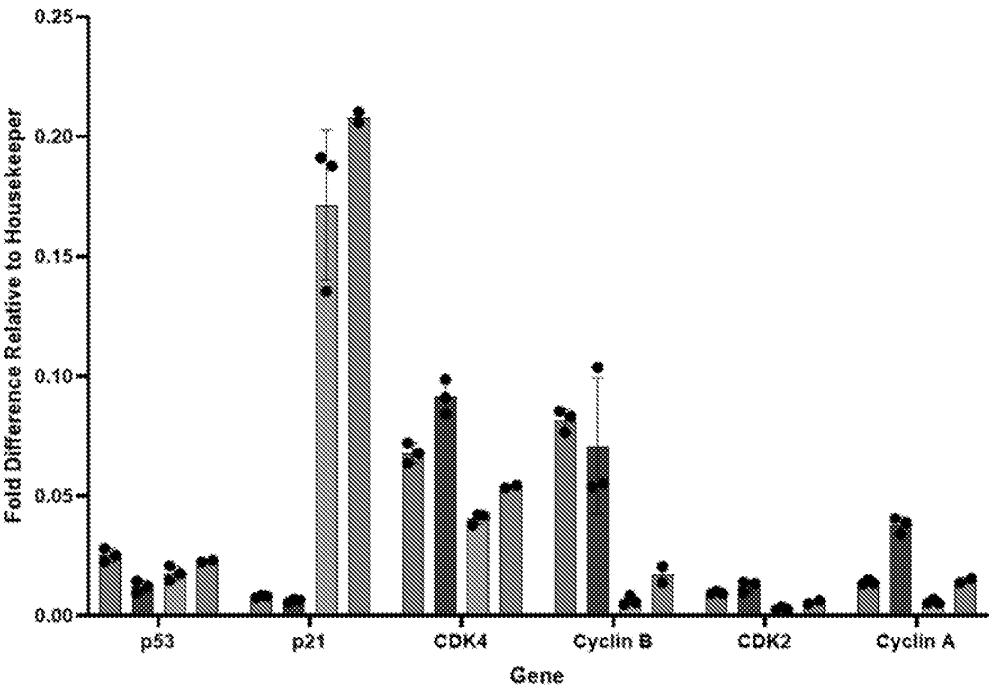
IVYp036-O



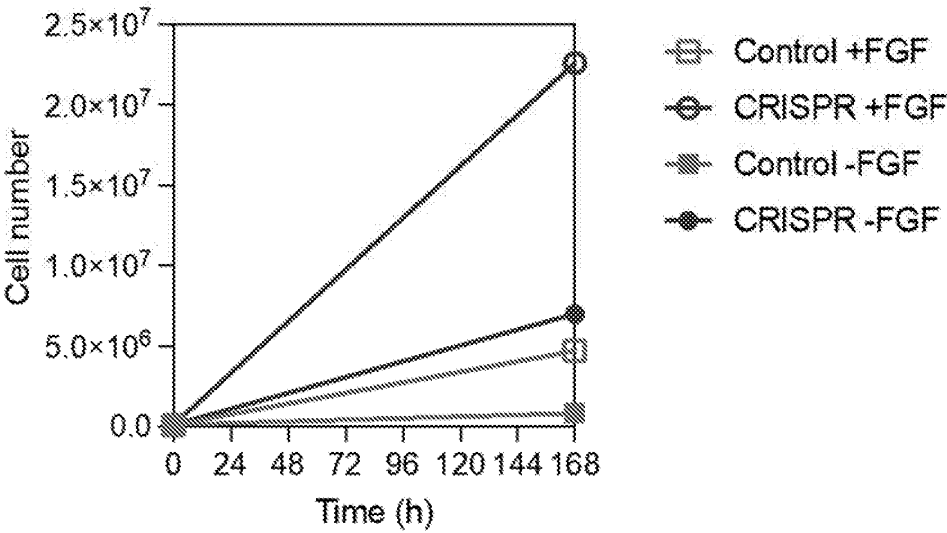
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Figure 10

A



B



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Figure 11

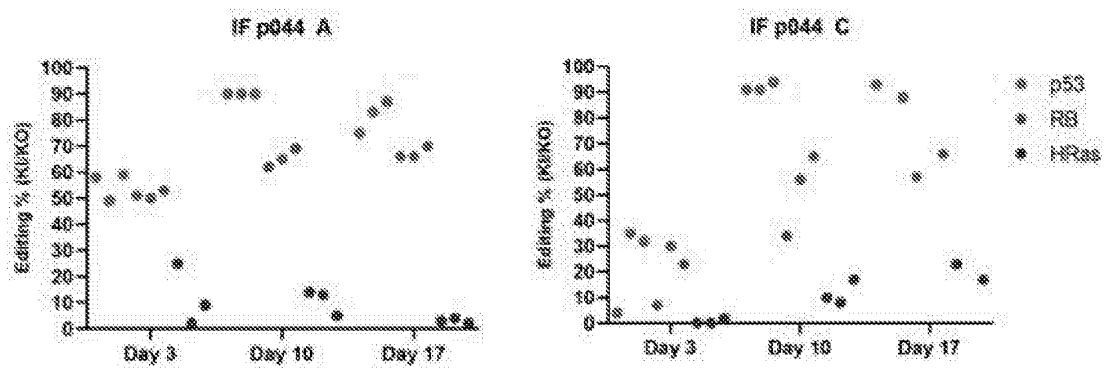
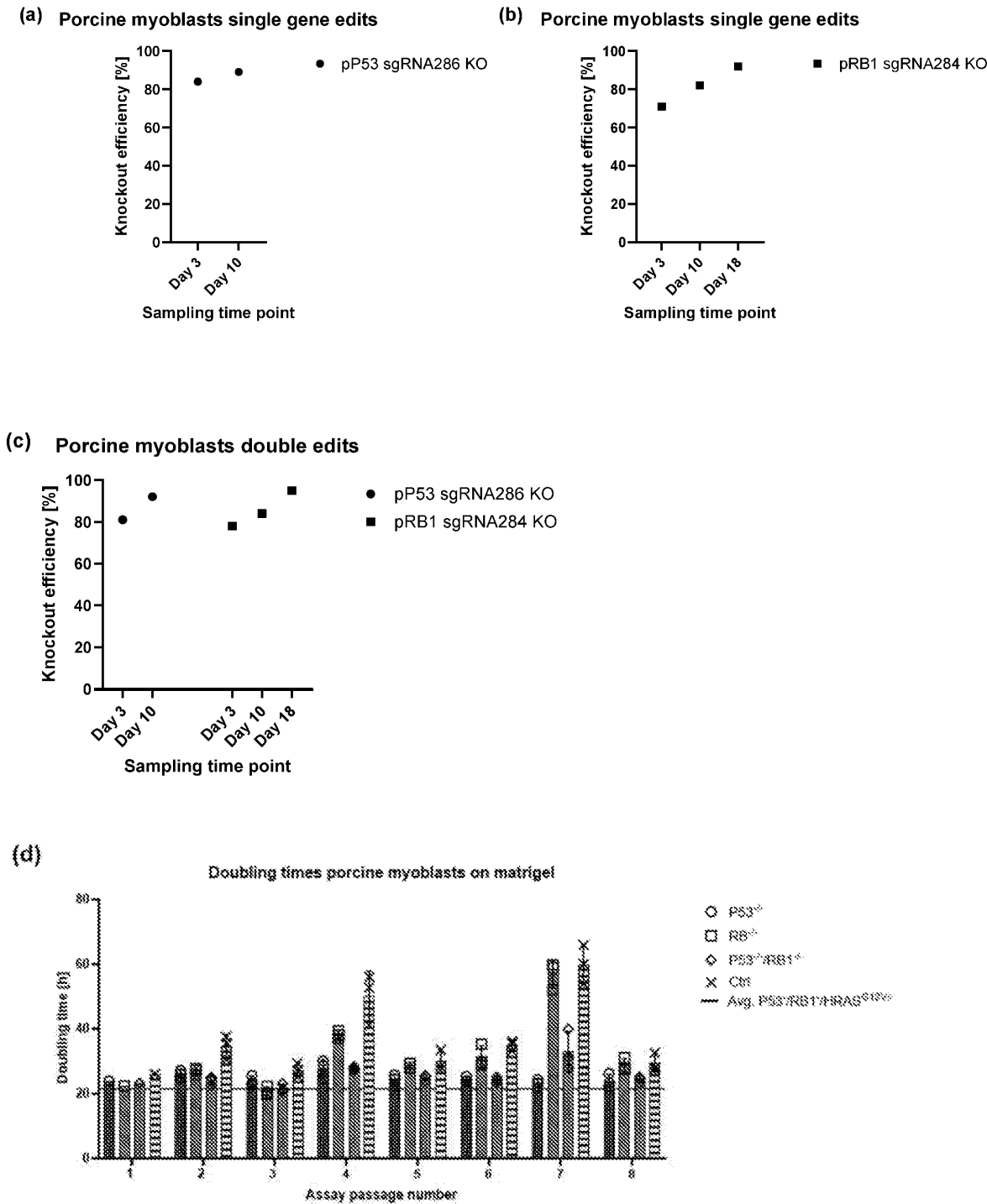


Figure 12



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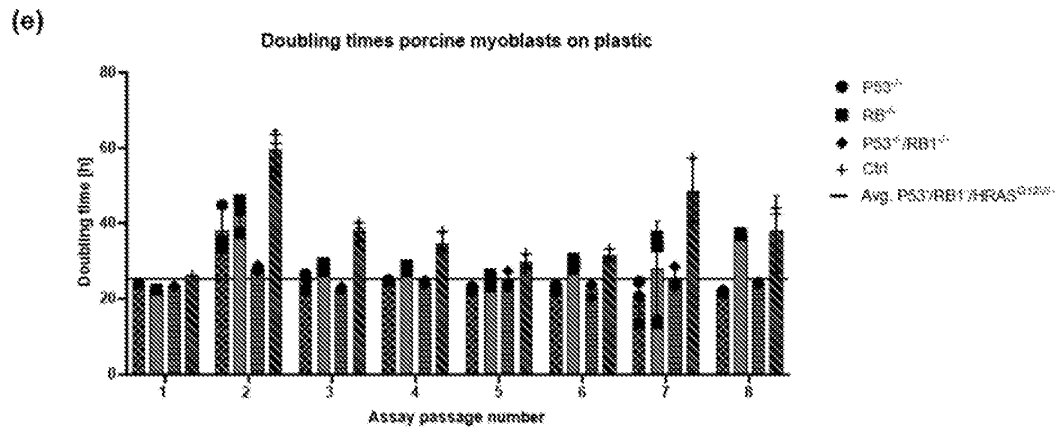
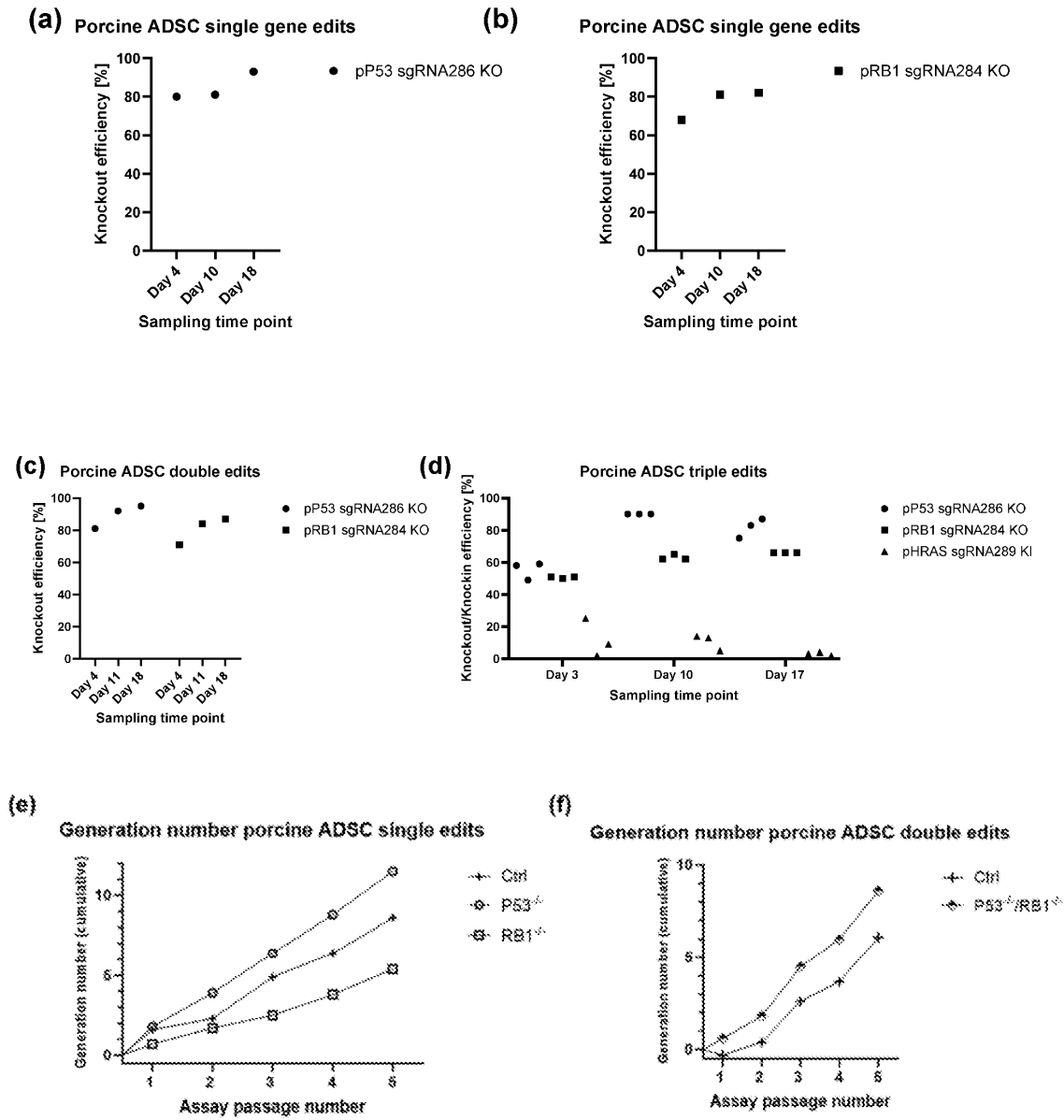


Figure 13



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(g)

Generation number porcine ADSC triple edits

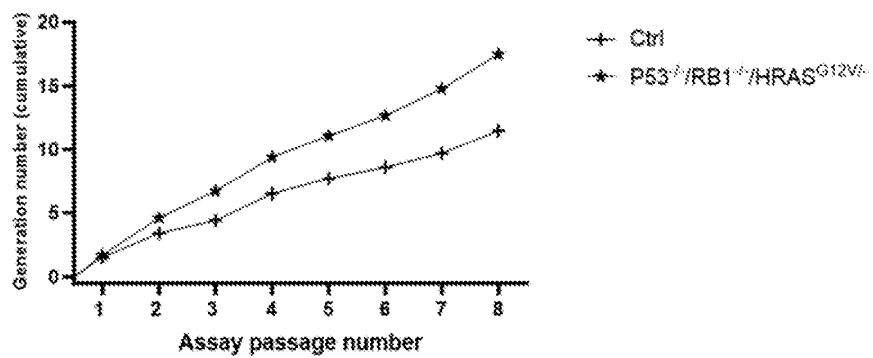
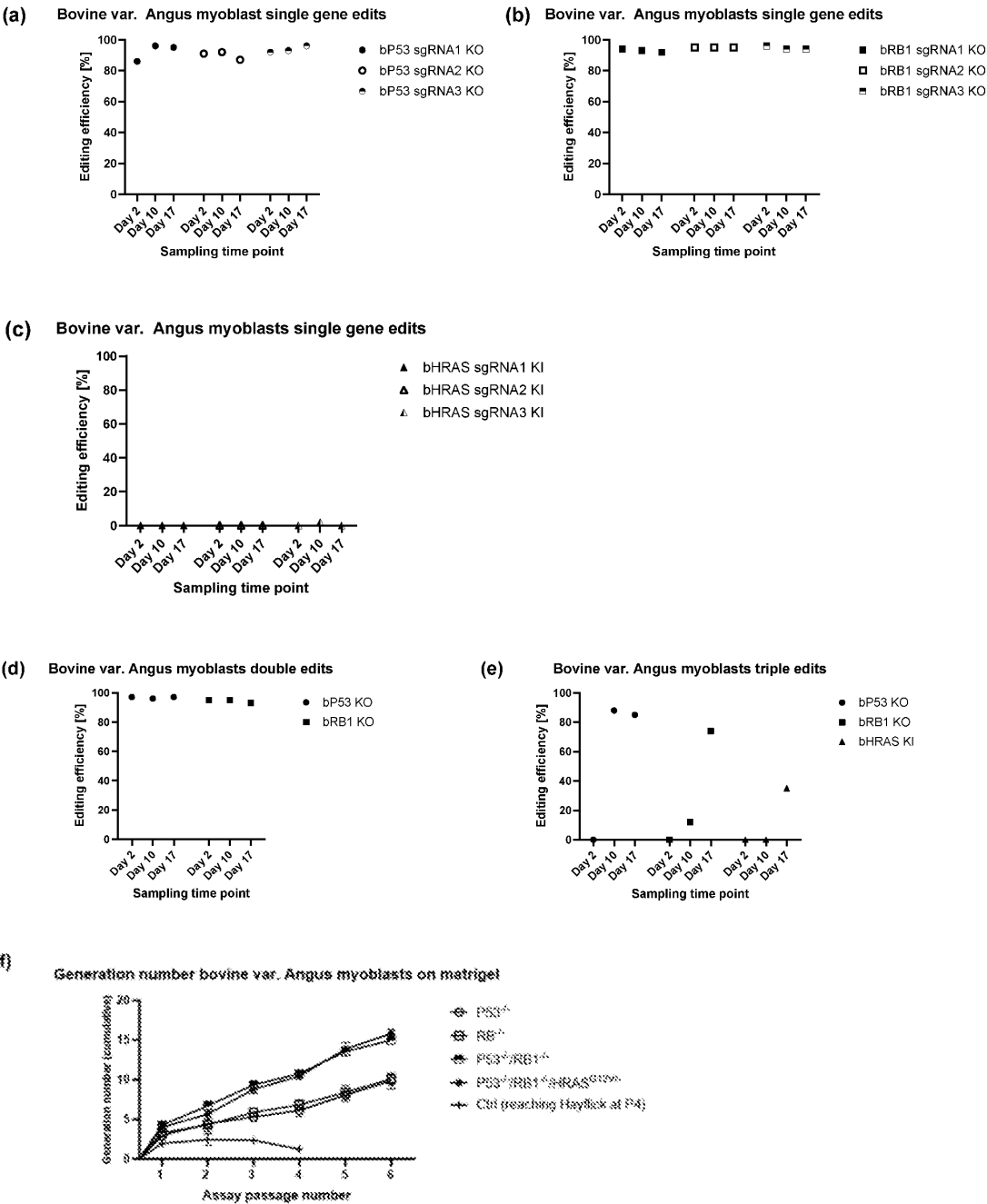


Figure 14



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(g)

Generation number bovine var. Angus myoblasts on plastic

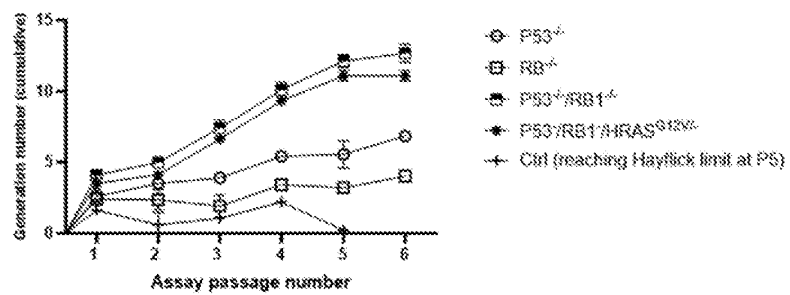


Figure 15

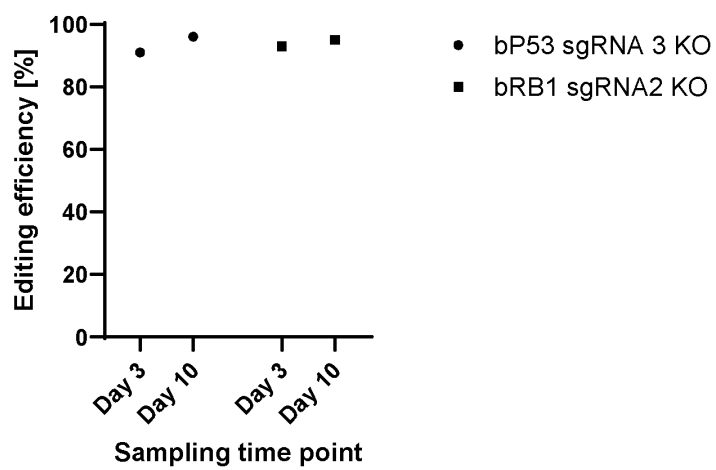
Bovine var. Angus ADSC double edits

Figure 16

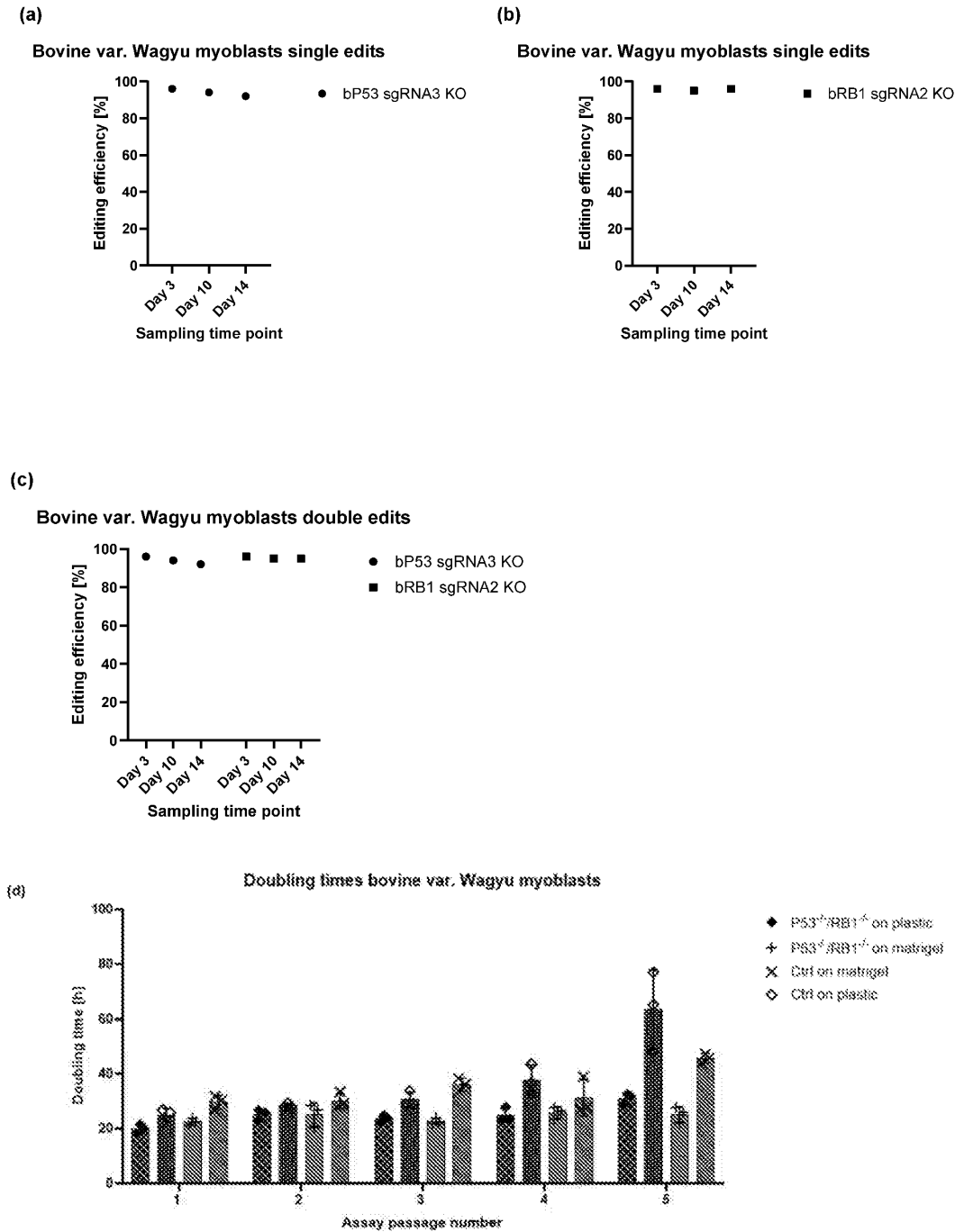
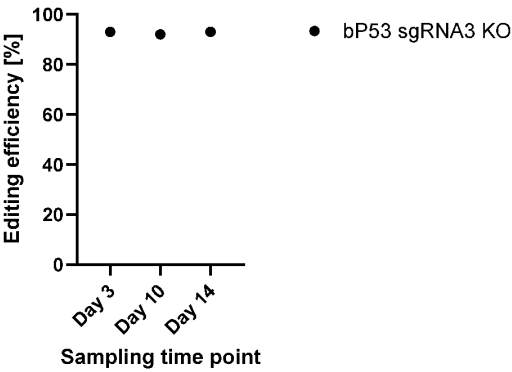
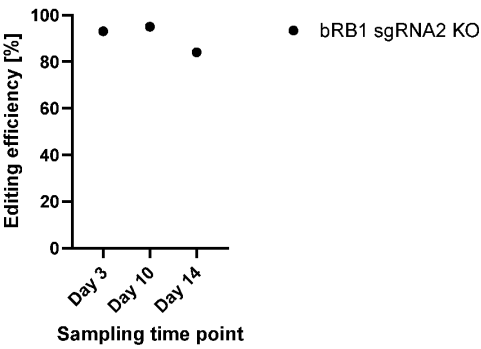


Figure 17

(a) Bovine var. Wagyu ADSC single edits



(b) Bovine var. Wagyu ADSC single edits



(c) Bovine var. Wagyu ADSC double edits

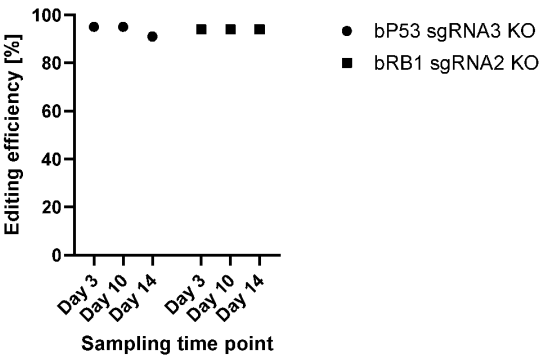
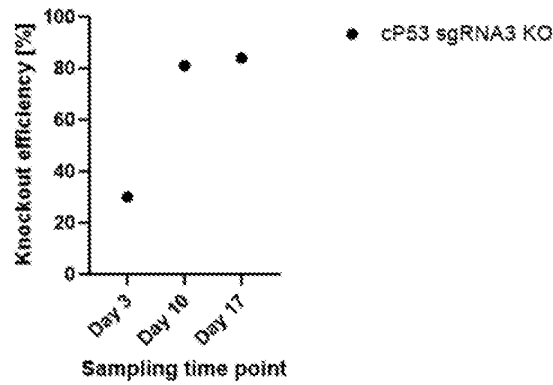


Figure 18

(a) Chicken myoblast single gene edits



(b) Chicken myoblast single gene edits

