

Supplementary Table S1: sgRNA target sequence primers.

Serial number	Knockout Target sequence	Forward Primer (5'-3')	Reverse Primer (5'-3')
1	CCTCTGTACTACCCATGGTCTTA	TGATTGCTGTACTACCCATGGTCTTA	AAACTAAGACCATGGGTTAGTACAGCA
2	ACACTCAGGACACTCCCTGATGG	TGATTGACACTCAGGACACTCCCTGA	AAACTCAGGGAGTGTCTGAGTGTCA

Note: The red font indicate the PAM sequence