

Table S1 The primers used in this study

Primer name	Primer sequence (5' to 3')	Purpose
Target1g++	ggcaTGACGTTGCTGGCGATCGA	Primers for CRISPR/Cas9 vector construction
Target1g--	aaacTCGATCGCCAGCAACGTCA	
Target2g++	ggcaGGTCAACGTCGAGACCGGC	
Target2g--	aaacGCCGGTCTCGACGTTGACC	
InDel1 F	TGCAGCACGAGGGCGATG	Primers of fragment amplification surrounding Target 1
InDel1 R	GAGGAAGGCGAGGATGGTG	
InDel2 F	CAGGGACAACATGCGGGC	Primers of fragment amplification surrounding Target 2
InDel2 R	GGGCACCTCGACGTACCT	
Hi-Target1F	ggagtgagtacggtgtgcTGCAGCACGAGGGCGATG	Primers for detection of Target 1 in YY1540
Hi-Target1R	gagttggatgctggatggGGGATGAGGCCCCTGATG	
Hi-Target2F	ggagtgagtacggtgtgcCAGGGACAACATGCGGGC	Primers for detection of Target 2 in YY1540
Hi-Target2R	gagttggatgctggatggGGGCACCTCGACGTACCT	