

Table S3. Sequence for target-joint primers and vector construction

Name of primer	Primer sequences (5' to 3')
Target 1-F	GCCGCTCTTGCTTTAGCAGCTTC
Target 1-R	AAACGAAGCTGCTAAAGCAAGAGC
Target 2-F1	GCCGGTGGCCGGGTTGAATTCAT
Target 2-R1	AAACATGAATTCAACCCGGCCAC
Target 2-F2	GTTGCTCTTGCTTTAGCAGCTTC
Target 2-R2	AAACGAAGCTGCTAAAGCAAGAGC
Target 3-F1	GCCGGCCACCATAACAAGCATCAGA
Target 3-R1	AAACTCTGATGCTTGTATGGTGGC
Target 3-F2	GTTGAGTGCCCTCCAATGACAGGC
Target 3-R2	AAACGCCTGTCATTGGAGGGCACT
U-F	CTCCGTTTTACCTGTGGAATCG
gRNA-R	CGGAGGAAAATTCCATCCAC
Uctcg-B1'	TTCAGAGGTCTCTCTCGACTAGTGGAATCGGCAGCAAAGG
gRctga-B2	AGCGTGGGTCTCGTCAGGGTCCATCCACTCCAAGCTC
Uctga-B2'	TTCAGAGGTCTCTCTGACACTGGAATCGGCAGCAAAGG
gRcgg-BL	AGCGTGGGTCTCGACCGACGCGTCCATCCACTCCAAGCTC
SPML	GCGCGGTGTCATCTATGTTACT
SPR	CCCGACATAGATGCAATAACTTC