Table S1

Primer pairs used in regular PCR.

Genes	Primers (F=forward, R=reverse)	Amplicons
Z38	F: ATGGATAACCGTTTTGCT R: TCATGCCACACGATATGC	762 bp
Z38b	F: ATGGGCGGTGATAGACTAGAGAAC R: TCATGCCACACGATATGCCTTC	831 bp
Z38d	F: ATGGGCGAGTCATTTGATGTGGT R: TCATGCCACACGATATGCCTTC	477 bp

Table S2

Primer pairs used in qRT-PCR analysis.

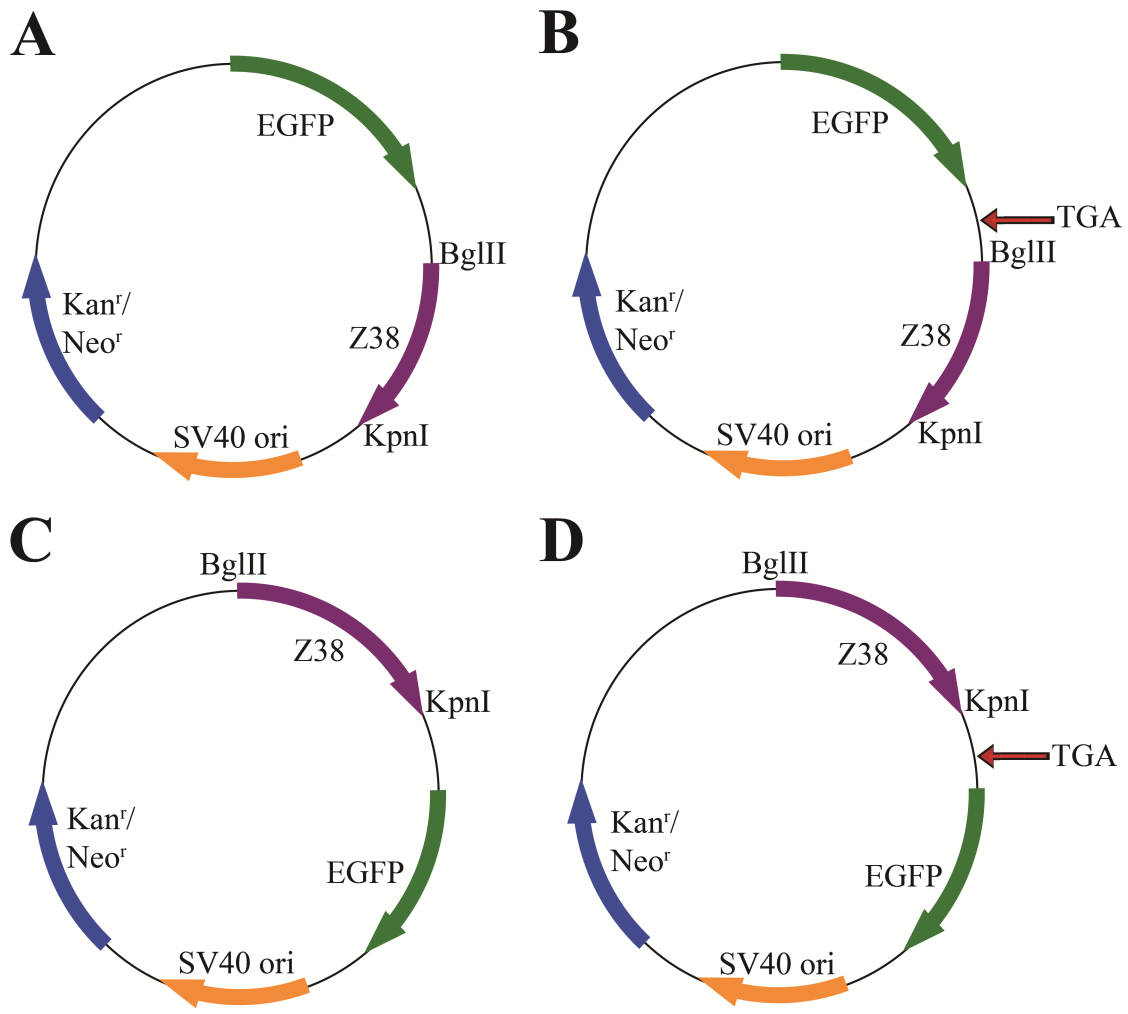| Genes	Primers (F=forward, R=reverse)	Amplicons
Z38	F: AGTGGGATTGTGGAGACGGTGT R: AGGTAAAAGGAACTGGCAACGC	211 bp
Z38b	F: CCTCCTACAACTCCCACAAG R: TCTCTAGTCTATCACCGCCC	202 bp
Z38d	F: GGAGGATGGGCGAGTCATTT R: CGATCAAAGCCCCAAAGCAC	192 bp
β-actin	F: TCCCTGGAGAAGAGCTACGA R: AGCACTGTGTTGGCGTACAG	194 bp
GAPDH	F: AACGGATTTGGTCGTATTGGG R: CCTGGAAGATGGTGATGGGAT	211 bp

Figure S1.

Figure S1. The simulated structures of plasmids: (A) pEGFP-C1-Z38, (B) pEGFP-C1-Z38(S), (C) pEGFP-N3-Z38, (D) pEGFP-N3-Z38(S). TGA is the terminator codon between the sequences of Z38 and EGFP. BglII and KpnI represent two kinds of endonucleases.