

SUPPLEMENTARY DATA

Supplementary Table 1. List of oligonucleotides used in this study.

Primers for pZL26 vector construction

Target sequence	Forward primer (5' – 3')	Reverse primer (5' – 3')
<i>lacZ</i> left flanking sequence	GTGCACCAATTGGTCGACTTTTTCCATGGATTTCCGTGACGTCTCGTTG	ATACTAGCGTGCTATGGTACCTGTTACCCGTAGGTAGTCAC
<i>ble-GFP</i> gene	ATAGCACGCTAGTATCCTTGG	TGTAAAGATGCTGTAACCTG
<i>nptII</i> expression cassette	TACAGCATCTTTACAGAGCTCGCTCCCCGCCGTCGTTCAAT	AAACAAAGCTTGCTAGATTTTGTATTTCAAATC
<i>lacZ</i> right flanking sequence	TTTCACACAGGAATTCAAAAACCATGGATTCGGGATTTCCGGCGCTCCA	CTAGCAAGCTTTGTTTCTTTATGGCAGGGTGAA

Primers for the generation of hybridization probes

Gene	Forward primer (5' – 3')	Reverse primer (5' – 3')
<i>Ble</i>	CGGGATCCATGGCGAAGCTGACGAGC	CGGGATCCGTCCTGCTCCTCGGCCAC

Primers for real-time qRT-PCR and Primer of *lacZ* gene (containing integration site) for sequencing

Gene	Forward primer (5' – 3')	Reverse primer (5' – 3')
<i>GFP</i>	AGCTGACCCTGAAGTTCATCTG	TGTAGTTGTA CTCCAGCTTGTG
<i>rrsA</i>	CGGTGGAGCATGTGGTTTAA	GAAA ACTTCCGTGGATGTCAAGA
<i>lacZ</i>	ATCAGCTGTTGCCCGTCTCACTG	ACCAGACCGTTCATACAGAACTG