

Protocol: PCR for inverted FlipROSAβ-Geo(Cre)

Expected fragment sizes are as stated in table below.

	FlipROSAβ-Geo (Cre)	FlipROSAβ-Geo (Cre)	FlipROSAβ-Geo (Cre)	FlipROSAβ-Geo (Cre)
	∅	Flpe	Cre	both
none	652	782	756	518
Flpe	782	598	518	702
Cre	756	518	572	702

FlipROSAβ-Geo(Cre) Trap was inverted with Flpe and subsequently electroporated with Cre. The resulting fragments should have a size of 756 bp and 518 bp for the not reinverted and the reinverted trap, respectively.

Primer: B045

CTCCGCCTCCTCTTCTCCATC B048

CCTCCCCCGTGCCTTCCTTGAC

B050

TTTGAGGGGACGACGACAGTAT

PCR:

2,5 ml 10 x PCR buffer 1

ml dNTPs (10 mmol/l)

0,75 ml MgCl₂ 1 ml

DMSO 1,5 ml B45 (10

pmol/ml) 1,5 ml B48 (10

pmol/ml) 1,5 ml B50 (10

pmol/ml) 1 ml template

0,2 ml Taq

