

Supplementary table S4: Primers and probes used for real-time PCR.

Assay	Amplicon Name	Sequence (5' to 3') or TaqMan expression assay number ^a	gene Modification (5'-3')	Concentration
Vector Copy number	GAG F	GGAGCTAGAACGATTCGCAGTTA	-	720 nM
	LG vector GAG R	GGTTGTAGCTGTCCCAGTATTTGTC	-	720 nM
	GAG P	ACAGCCTTCTGATGTCTTAAAAGGCCAGG	FAM-TAMRA	140 nM
	Mouse b-actin	Mm00607939_s1 ^a	FAM-NFQ	1X
	Mouse SRY	MM00441712_s1 ^a	FAM-NFQ	1X
Donor chimerism	mbActF1	ACGGCCAGGTCATCACTATTGA		900 nM
	Mouse b-actin mbActR1	CAAGAAGGAAGGCTGGAAAAGA		900 nM
	mbActP1	CAACGAGCGGTTCCGATGCCCT	FAM-TAMRA	250 nM

FAM: 6-carboxyfluorescein ester, TAMRA: tetramethyl-6-carboxyrhodamine, NFQ: non fluorescent quencher, ^a Applied

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