

Supplementary table S5: Primers used for integration site analysis

Primer name	Primer Sequence (5'-3')
Mse linker positive strand	GTAATACGACTCACTATAGGGCTCCGCTTAAGGGAC
Mse linker negative strand	[Phosp]-TAGTCCCTTAAGCGGAG-[AmC7-Q]
Nla linker positive strand	GTAATACGACTCACTATAGGGCTCCGCTTAAGGGACCATG
Nla linker negative strand	[Phosp]-GTCCCTTAAGCGGAG-[AmC7-Q]
Linker PCR1	GTAATACGACTCACTATAGGGC
Linker PCR2	AGGGCTCCGCTTAAGGGAC
Vector PCR1	CTTAAGCCTCAATAAAGCTTGCCCTTGAG
Vector PCR2	gccttgccagcccgcagXXXXXXXXXAGACCCTTTTAGTCAGTGTGGAAAATC
Mu (-)	TCGGATGAAGCGGCGCACGAAAAACGCGAAAGCGTTTCACGATAAATGCGAAAACA-[AmC7-Q]
Mu (+)	GTAATACGACTCACTATAGGGCTCCGCTTAAGGGACTGTTTTTCGCATTTATCGTGAAACGCTTTCGCGTTTTTCGTGCGCCGCTTCA

Modifications – [Phosp]=5' phosphate, [AmC7-Q]=3' amine