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DATA SHEET

Reagent:	p89.6ΔE
Catalog Number:	12486
Lot Number:	130405
Release Category:	C
Provided:	1 vial of 10 µg of purified DNA at 1 mg/ml in TE buffer.
Cloning Vector:	pUC19. Amp resistant.
Cloning Site:	Digestion with EcoRI and XhoI should yield 9 kb, 1.9 kb and 500 bp bands, instead of the expected bands from WT which would be 9 kb, 2.6 kb, and 500 bp.
Gene Bank:	GenBank U39362 (wild type 89.6) The sequence file for this construct is HERE.
Host Strain:	DH5α
Description:	This construct expresses the molecular clone 89.6 (cat# 3552) bearing a 707 bp deletion in Env. When transfected into producer cells with a separate Env expression plasmid, this construct will generate infectious virus for single round infection.
Special Characteristics:	89.6ΔE was generated by cutting p89.6 (cat# 3552) with BsaBI and StuI, which removes a 707 bp piece of env and re-ligating the blunt ends. The resulting construct has a termination codon after the first 656 nucleotides of Env.
Recommended Storage:	-20ºC
Contributor:	Kathleen Collins and Ronald Collman

References:	Carter CC, Onafuwa-Nuga A, McNamara LA, Riddell J 4th, Bixby D, Savona MR, Collins KL. HIV-1 infects multipotent progenitor cells causing cell death and establishing latent cellular reservoirs. Nat Med. 2010 Apr;16(4):446-51. doi: 10.1038/nm.2109. Epub 2010 Mar 7. PubMed PMID:20208541; PubMed Central PMCID: PMC2892382.
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Cat# 12846 89.6ΔE from Dr. Kathleen Collins and Dr. Ronald Collman." Also include the reference cited above in any publications.
Last Updated:	October 23, 2014